

**Labor Market Estimating Conference**  
**Executive Summary**  
August 2, 2023

The Labor Market Estimating Conference (LMEC) met on August 2, 2023, for the second time during the summer conference season. The purpose was to discuss the adoption of official information pursuant to s. 216.136, F.S. as amended by Chapter 2023-81, Laws of Florida. The cumulative impact of the law changes made during the 2023 Session charge the LMEC with providing long-term strategic direction regarding at-risk areas of Florida’s labor market. In addition, the Conference considered detailed wage data to support the Florida Credentials Review Committee. The LMEC reviewed multiple products to meet these objectives.

**1. Critical Occupational Groups of Concern**

A prior conference adopted 101 occupational areas of concern that were further organized by occupational group. By group, the demand for those occupations in the 10th year of the forecast was then compared to the total statewide demand for all occupations. By percentage of demand represented by the occupational areas of concern, two groups stood out: (1) Healthcare Practitioners and Technical Occupations with occupational areas of concern that represent 3.4% of statewide demand in that year; and (2) Healthcare Support Occupations with occupational areas of concern that represent 2.1% of statewide demand in that year. These occupational groups are particularly appropriate for this designation because the scopes of practice for the underlying occupations are rapidly evolving with further changes expected over the next decade, making the precise job responsibilities more fluid and harder to predict. Further, past legislative actions have focused on the need for innovative demand-side measures, as well as the more traditional supply-side approach generally set in motion by the law’s interaction with conference decisions.

**CONFERENCE ACTION:** *The methodology and two proposed “Critical Occupational Groups of Concern” for healthcare were discussed, but official action was postponed until a subsequent meeting.*

**2. Occupational Wages**

The conference considered documents and metrics that address designations of “Representative Starting Wage”, “Average Annual Wage”, and “High-Level Wage Threshold” metrics for all occupations and by educational requirement. For Conference purposes, the “Representative Starting Wage” was defined to be the 10th percentile; the “Average Annual Wage” was the mean wage; while the “High-Level Wage Threshold” was defined as the 75th percentile of all relevant wages in Florida. Analyses were presented and conceptually discussed for the following:

- Statewide and Workforce Region Wage Summaries
- Statewide and Workforce Region Wages by Detailed Occupation

**CONFERENCE ACTION:** *The documents and concepts were adopted as presented. See Conference products for the adopted lists.*

# Florida Labor Market Estimating Conference

Held August 2, 2023

FINAL

## Wage Metrics and Data – SUMMARIES: Statewide and Workforce Region

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## Statewide Wage Summary

	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	832	25,070	55,980	63,220	314	518	492	340	488	344
No formal educational credential	85	22,090	31,780	35,150	24.71%	75.29%	32.94%	67.06%	34.12%	65.88%
High school diploma or equivalent	239	27,500	46,450	51,760	41.84%	58.16%	76.15%	23.85%	74.06%	25.94%
Some college, no degree	49	24,980	44,620	50,380	16.33%	83.67%	34.69%	65.31%	32.65%	67.35%
Postsecondary nondegree award	90	29,240	47,400	53,450	25.56%	74.44%	41.11%	58.89%	35.56%	64.44%
Associate's degree	68	29,380	58,430	74,330	16.18%	83.82%	44.12%	55.88%	60.29%	39.71%
Bachelor's degree	185	40,050	90,060	103,960	49.19%	50.81%	67.03%	32.97%	62.70%	37.30%
Master's degree	43	38,310	82,780	102,550	46.51%	53.49%	58.14%	41.86%	69.77%	30.23%
Doctoral or professional degree	73	50,160	147,960	171,450	54.79%	45.21%	67.12%	32.88%	64.38%	35.62%

Workforce Region Wage Summary

Workforce Region 1	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	820	32,915	51,745	58,820	490	330	468	352	464	356
No formal educational credential	82	22,630	29,832	32,645	37.80%	62.20%	31.71%	68.29%	32.93%	67.07%
High school diploma or equivalent	232	29,229	43,584	49,915	67.24%	32.76%	75.86%	24.14%	79.31%	20.69%
Some college, no degree	49	27,609	40,227	45,168	34.69%	65.31%	28.57%	71.43%	30.61%	69.39%
Postsecondary nondegree award	89	30,425	43,052	49,349	43.82%	56.18%	33.71%	66.29%	34.83%	65.17%
Associate's degree	68	37,457	54,494	61,776	67.65%	32.35%	39.71%	60.29%	38.24%	61.76%
Bachelor's degree	184	44,657	79,183	92,992	60.33%	39.67%	64.13%	35.87%	60.33%	39.67%
Master's degree	43	56,908	82,275	92,950	79.07%	20.93%	65.12%	34.88%	58.14%	41.86%
Doctoral or professional degree	73	68,272	142,768	142,958	76.71%	23.29%	67.12%	32.88%	61.64%	38.36%

Workforce Region 2	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	809	34,246	55,411	63,390	503	306	499	310	490	319
No formal educational credential	82	23,129	31,342	34,209	36.59%	63.41%	35.37%	64.63%	32.93%	67.07%
High school diploma or equivalent	227	30,279	45,932	53,052	72.25%	27.75%	81.06%	18.94%	81.50%	18.50%
Some college, no degree	49	28,768	43,214	49,544	30.61%	69.39%	32.65%	67.35%	38.78%	61.22%
Postsecondary nondegree award	88	30,870	46,976	54,025	42.05%	57.95%	42.05%	57.95%	40.91%	59.09%
Associate's degree	67	41,569	58,839	66,796	68.66%	31.34%	53.73%	46.27%	47.76%	52.24%
Bachelor's degree	183	49,059	89,598	104,973	66.12%	33.88%	66.67%	33.33%	66.67%	33.33%
Master's degree	43	55,641	84,346	96,686	76.74%	23.26%	65.12%	34.88%	60.47%	39.53%
Doctoral or professional degree	70	65,831	149,060	151,746	81.43%	18.57%	67.14%	32.86%	61.43%	38.57%

Workforce Region 3	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	760	31,871	48,531	55,108	476	284	417	343	413	347
No formal educational credential	76	23,410	30,024	32,689	51.32%	48.68%	36.84%	63.16%	39.47%	60.53%
High school diploma or equivalent	205	29,561	42,494	48,087	78.05%	21.95%	78.54%	21.46%	76.59%	23.41%
Some college, no degree	47	24,997	36,482	40,997	25.53%	74.47%	19.15%	80.85%	19.15%	80.85%
Postsecondary nondegree award	83	30,303	42,605	48,673	55.42%	44.58%	34.94%	65.06%	39.76%	60.24%
Associate's degree	63	34,198	52,191	60,837	57.14%	42.86%	42.86%	57.14%	39.68%	60.32%
Bachelor's degree	179	40,356	70,997	82,609	57.54%	42.46%	53.63%	46.37%	53.07%	46.93%
Master's degree	38	46,291	70,918	84,017	71.05%	28.95%	60.53%	39.47%	57.89%	42.11%
Doctoral or professional degree	69	64,519	117,709	126,392	76.81%	23.19%	63.77%	36.23%	60.87%	39.13%

Workforce Region Wage Summary

Workforce Region 4	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	802	32,129	50,680	57,422	466	336	465	337	453	349
No formal educational credential	81	22,672	30,328	33,433	37.04%	62.96%	32.10%	67.90%	32.10%	67.90%
High school diploma or equivalent	225	29,582	43,787	49,686	68.00%	32.00%	77.78%	22.22%	75.56%	24.44%
Some college, no degree	48	27,083	38,131	43,014	29.17%	70.83%	20.83%	79.17%	18.75%	81.25%
Postsecondary nondegree award	88	30,625	43,356	49,525	40.91%	59.09%	37.50%	62.50%	42.05%	57.95%
Associate's degree	67	38,435	56,795	65,295	64.18%	35.82%	53.73%	46.27%	50.75%	49.25%
Bachelor's degree	181	44,360	78,820	92,570	57.46%	42.54%	60.22%	39.78%	58.01%	41.99%
Master's degree	42	52,950	82,898	95,218	73.81%	26.19%	64.29%	35.71%	64.29%	35.71%
Doctoral or professional degree	70	62,464	156,059	150,240	78.57%	21.43%	70.00%	30.00%	64.29%	35.71%

Workforce Region 5	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	817	32,643	51,661	58,320	442	375	436	381	442	375
No formal educational credential	82	22,140	28,611	31,343	35.37%	64.63%	30.49%	69.51%	32.93%	67.07%
High school diploma or equivalent	230	28,421	42,080	48,351	66.52%	33.48%	73.04%	26.96%	76.52%	23.48%
Some college, no degree	49	26,941	40,563	45,648	36.73%	63.27%	28.57%	71.43%	30.61%	69.39%
Postsecondary nondegree award	89	28,422	40,557	46,011	29.21%	70.79%	29.21%	70.79%	30.34%	69.66%
Associate's degree	67	34,775	51,658	59,855	52.24%	47.76%	37.31%	62.69%	37.31%	62.69%
Bachelor's degree	184	41,320	71,624	81,874	56.52%	43.48%	61.41%	38.59%	60.33%	39.67%
Master's degree	43	46,357	68,909	75,916	67.44%	32.56%	48.84%	51.16%	46.51%	53.49%
Doctoral or professional degree	73	56,060	113,597	118,448	65.75%	34.25%	60.27%	39.73%	56.16%	43.84%

Workforce Region 6	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	743	30,228	45,811	52,103	430	313	403	340	401	342
No formal educational credential	77	22,561	29,311	32,017	48.05%	51.95%	38.96%	61.04%	42.86%	57.14%
High school diploma or equivalent	208	29,612	42,779	48,451	75.00%	25.00%	77.40%	22.60%	76.92%	23.08%
Some college, no degree	47	24,836	38,436	42,398	25.53%	74.47%	21.28%	78.72%	21.28%	78.72%
Postsecondary nondegree award	82	29,088	41,682	47,308	45.12%	54.88%	36.59%	63.41%	40.24%	59.76%
Associate's degree	63	32,223	47,668	53,181	46.03%	53.97%	33.33%	66.67%	25.40%	74.60%
Bachelor's degree	176	39,744	70,822	83,127	56.25%	43.75%	55.68%	44.32%	56.82%	43.18%
Master's degree	35	44,488	68,276	78,361	71.43%	28.57%	57.14%	42.86%	51.43%	48.57%
Doctoral or professional degree	55	56,932	110,526	124,786	63.64%	36.36%	60.00%	40.00%	56.36%	43.64%

Workforce Region Wage Summary

Workforce Region 7	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	774	32,026	49,469	56,510	487	287	458	316	444	330
No formal educational credential	76	23,339	31,222	34,643	53.95%	46.05%	42.11%	57.89%	47.37%	52.63%
High school diploma or equivalent	214	29,493	43,323	49,748	75.23%	24.77%	80.37%	19.63%	78.04%	21.96%
Some college, no degree	47	26,507	40,551	45,757	31.91%	68.09%	34.04%	65.96%	29.79%	70.21%
Postsecondary nondegree award	86	30,248	43,284	50,287	46.51%	53.49%	37.21%	62.79%	40.70%	59.30%
Associate's degree	65	36,504	53,568	60,370	67.69%	32.31%	46.15%	53.85%	40.00%	60.00%
Bachelor's degree	179	41,796	73,391	85,277	57.54%	42.46%	60.34%	39.66%	58.10%	41.90%
Master's degree	39	50,180	76,203	86,276	76.92%	23.08%	61.54%	38.46%	51.28%	48.72%
Doctoral or professional degree	68	63,504	119,547	128,586	77.94%	22.06%	64.71%	35.29%	61.76%	38.24%

Workforce Region 8	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	829	35,011	56,599	64,253	511	318	494	335	483	346
No formal educational credential	85	24,067	31,705	34,405	42.35%	57.65%	31.76%	68.24%	32.94%	67.06%
High school diploma or equivalent	236	30,643	46,583	53,234	66.95%	33.05%	79.24%	20.76%	77.54%	22.46%
Some college, no degree	49	29,601	44,407	49,585	40.82%	59.18%	32.65%	67.35%	28.57%	71.43%
Postsecondary nondegree award	90	33,369	47,552	54,357	47.78%	52.22%	37.78%	62.22%	38.89%	61.11%
Associate's degree	68	40,199	59,641	68,108	66.18%	33.82%	50.00%	50.00%	45.59%	54.41%
Bachelor's degree	185	48,851	90,074	105,537	63.24%	36.76%	64.86%	35.14%	65.41%	34.59%
Master's degree	43	53,389	83,142	95,514	76.74%	23.26%	58.14%	41.86%	58.14%	41.86%
Doctoral or professional degree	73	71,371	157,726	152,950	80.82%	19.18%	69.86%	30.14%	63.01%	36.99%

Workforce Region 9	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	813	34,559	54,725	61,968	479	334	456	357	464	349
No formal educational credential	81	23,199	30,723	33,670	43.21%	56.79%	35.80%	64.20%	35.80%	64.20%
High school diploma or equivalent	228	29,179	43,301	49,338	65.79%	34.21%	75.44%	24.56%	79.39%	20.61%
Some college, no degree	49	28,937	42,665	48,824	42.86%	57.14%	32.65%	67.35%	34.69%	65.31%
Postsecondary nondegree award	88	29,440	42,373	48,153	32.95%	67.05%	26.14%	73.86%	28.41%	71.59%
Associate's degree	67	39,064	55,739	63,965	70.15%	29.85%	43.28%	56.72%	49.25%	50.75%
Bachelor's degree	184	46,526	81,833	94,933	66.30%	33.70%	66.85%	33.15%	64.13%	35.87%
Master's degree	43	49,890	73,863	80,650	67.44%	32.56%	51.16%	48.84%	46.51%	53.49%
Doctoral or professional degree	73	56,942	110,695	119,196	63.01%	36.99%	57.53%	42.47%	56.16%	43.84%

Workforce Region Wage Summary

Workforce Region 10	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	819	30,810	48,284	54,686	467	352	453	366	458	361
No formal educational credential	83	22,721	29,985	32,737	45.78%	54.22%	31.33%	68.67%	34.94%	65.06%
High school diploma or equivalent	234	27,992	42,791	49,030	58.12%	41.88%	75.64%	24.36%	79.91%	20.09%
Some college, no degree	49	26,059	38,050	42,197	28.57%	71.43%	24.49%	75.51%	22.45%	77.55%
Postsecondary nondegree award	89	29,159	41,358	46,801	41.57%	58.43%	28.09%	71.91%	31.46%	68.54%
Associate's degree	68	36,348	51,586	56,893	64.71%	35.29%	44.12%	55.88%	39.71%	60.29%
Bachelor's degree	182	43,602	76,439	88,949	60.99%	39.01%	59.89%	40.11%	58.79%	41.21%
Master's degree	41	47,155	77,021	89,019	70.73%	29.27%	60.98%	39.02%	56.10%	43.90%
Doctoral or professional degree	73	65,553	144,861	149,287	79.45%	20.55%	67.12%	32.88%	63.01%	36.99%

Workforce Region 11	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	820	30,724	48,791	55,326	438	382	454	366	449	371
No formal educational credential	83	22,590	29,910	32,711	40.96%	59.04%	27.71%	72.29%	31.33%	68.67%
High school diploma or equivalent	234	28,061	42,070	47,818	54.70%	45.30%	70.51%	29.49%	72.22%	27.78%
Some college, no degree	49	27,088	38,671	43,656	32.65%	67.35%	28.57%	71.43%	26.53%	73.47%
Postsecondary nondegree award	89	29,475	41,942	47,606	33.71%	66.29%	30.34%	69.66%	33.71%	66.29%
Associate's degree	68	37,911	52,968	59,394	63.24%	36.76%	51.47%	48.53%	44.12%	55.88%
Bachelor's degree	182	43,050	78,437	91,570	59.34%	40.66%	64.84%	35.16%	62.09%	37.91%
Master's degree	42	48,944	78,959	92,655	78.57%	21.43%	61.90%	38.10%	57.14%	42.86%
Doctoral or professional degree	73	51,552	126,738	134,605	63.01%	36.99%	63.01%	36.99%	60.27%	39.73%

Workforce Region 12	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	830	33,920	54,909	62,207	483	347	492	338	482	348
No formal educational credential	85	23,522	32,239	34,858	36.47%	63.53%	34.12%	65.88%	32.94%	67.06%
High school diploma or equivalent	237	30,325	46,572	53,327	60.76%	39.24%	77.64%	22.36%	80.59%	19.41%
Some college, no degree	49	29,426	41,296	45,020	34.69%	65.31%	28.57%	71.43%	18.37%	81.63%
Postsecondary nondegree award	90	31,506	46,450	53,601	45.56%	54.44%	34.44%	65.56%	38.89%	61.11%
Associate's degree	68	39,272	57,438	65,736	58.82%	41.18%	50.00%	50.00%	45.59%	54.41%
Bachelor's degree	185	49,579	91,102	105,629	66.49%	33.51%	67.03%	32.97%	64.86%	35.14%
Master's degree	43	52,095	82,313	94,994	76.74%	23.26%	62.79%	37.21%	51.16%	48.84%
Doctoral or professional degree	73	68,379	150,313	155,125	73.97%	26.03%	67.12%	32.88%	63.01%	36.99%

Workforce Region Wage Summary

Workforce Region 13	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	824	36,563	58,859	67,339	523	301	504	320	500	324
No formal educational credential	82	23,574	31,461	34,470	41.46%	58.54%	35.37%	64.63%	34.15%	65.85%
High school diploma or equivalent	237	30,016	45,799	52,835	68.78%	31.22%	79.75%	20.25%	79.75%	20.25%
Some college, no degree	49	28,315	42,358	48,007	32.65%	67.35%	28.57%	71.43%	30.61%	69.39%
Postsecondary nondegree award	89	31,793	45,207	52,581	44.94%	55.06%	33.71%	66.29%	38.20%	61.80%
Associate's degree	68	40,402	59,959	70,152	67.65%	32.35%	51.47%	48.53%	51.47%	48.53%
Bachelor's degree	183	53,454	95,193	110,960	71.04%	28.96%	70.49%	29.51%	69.95%	30.05%
Master's degree	43	57,199	83,699	97,088	81.40%	18.60%	67.44%	32.56%	60.47%	39.53%
Doctoral or professional degree	73	75,267	154,598	154,715	80.82%	19.18%	67.12%	32.88%	61.64%	38.36%

Workforce Region 14	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	825	35,005	57,399	65,042	492	333	494	331	492	333
No formal educational credential	83	23,571	31,643	34,330	37.35%	62.65%	32.53%	67.47%	30.12%	69.88%
High school diploma or equivalent	235	30,281	46,108	52,455	65.96%	34.04%	79.15%	20.85%	80.85%	19.15%
Some college, no degree	49	30,111	45,810	53,047	46.94%	53.06%	38.78%	61.22%	40.82%	59.18%
Postsecondary nondegree award	90	31,448	44,529	50,148	40.00%	60.00%	30.00%	70.00%	35.56%	64.44%
Associate's degree	68	42,090	58,846	66,302	64.71%	35.29%	51.47%	48.53%	51.47%	48.53%
Bachelor's degree	184	48,844	92,019	106,621	61.41%	38.59%	69.02%	30.98%	68.48%	31.52%
Master's degree	43	53,126	80,815	93,606	74.42%	25.58%	58.14%	41.86%	44.19%	55.81%
Doctoral or professional degree	73	70,258	152,040	158,534	79.45%	20.55%	65.75%	34.25%	61.64%	38.36%

Workforce Region 15	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	829	36,352	60,363	68,864	506	323	506	323	499	330
No formal educational credential	85	23,809	31,939	34,459	38.82%	61.18%	35.29%	64.71%	32.94%	67.06%
High school diploma or equivalent	236	30,939	48,257	55,192	67.37%	32.63%	82.20%	17.80%	80.51%	19.49%
Some college, no degree	49	30,069	46,832	54,144	40.82%	59.18%	40.82%	59.18%	44.90%	55.10%
Postsecondary nondegree award	90	32,466	47,188	54,628	46.67%	53.33%	36.67%	63.33%	42.22%	57.78%
Associate's degree	68	40,948	59,201	67,180	64.71%	35.29%	50.00%	50.00%	45.59%	54.41%
Bachelor's degree	185	50,547	95,088	110,727	66.49%	33.51%	68.11%	31.89%	68.65%	31.35%
Master's degree	43	54,688	82,669	94,704	65.12%	34.88%	48.84%	51.16%	46.51%	53.49%
Doctoral or professional degree	73	73,054	148,313	158,413	78.08%	21.92%	65.75%	34.25%	58.90%	41.10%



Workforce Region Wage Summary

Workforce Region 16	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	815	33,097	51,871	58,017	468	347	458	357	451	364
No formal educational credential	83	23,824	31,328	33,936	40.96%	59.04%	33.73%	66.27%	33.73%	66.27%
High school diploma or equivalent	232	29,564	44,341	50,199	62.50%	37.50%	72.41%	27.59%	75.00%	25.00%
Some college, no degree	49	27,362	40,679	46,787	26.53%	73.47%	28.57%	71.43%	28.57%	71.43%
Postsecondary nondegree award	89	29,698	43,313	49,524	28.09%	71.91%	28.09%	71.91%	35.96%	64.04%
Associate's degree	67	41,258	55,490	63,133	71.64%	28.36%	46.27%	53.73%	40.30%	59.70%
Bachelor's degree	182	45,546	81,584	93,047	60.44%	39.56%	62.64%	37.36%	58.79%	41.21%
Master's degree	40	56,281	82,338	94,662	82.50%	17.50%	67.50%	32.50%	55.00%	45.00%
Doctoral or professional degree	73	77,688	160,731	162,451	82.19%	17.81%	69.86%	30.14%	64.38%	35.62%

Workforce Region 17	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	824	33,138	51,600	58,219	530	294	490	334	482	342
No formal educational credential	84	23,857	31,641	34,681	45.24%	54.76%	38.10%	61.90%	39.29%	60.71%
High school diploma or equivalent	235	30,035	44,758	50,838	71.06%	28.94%	78.30%	21.70%	79.57%	20.43%
Some college, no degree	49	28,779	40,254	46,443	42.86%	57.14%	30.61%	69.39%	28.57%	71.43%
Postsecondary nondegree award	89	32,042	45,558	51,404	55.06%	44.94%	37.08%	62.92%	35.96%	64.04%
Associate's degree	68	37,917	54,589	62,017	63.24%	36.76%	41.18%	58.82%	41.18%	58.82%
Bachelor's degree	184	46,280	82,428	95,992	64.13%	35.87%	65.76%	34.24%	65.22%	34.78%
Master's degree	42	49,893	77,707	88,957	80.95%	19.05%	61.90%	38.10%	54.76%	45.24%
Doctoral or professional degree	73	76,693	154,249	148,652	82.19%	17.81%	69.86%	30.14%	61.64%	38.36%

Workforce Region 18	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	824	33,511	53,505	60,021	499	325	491	333	484	340
No formal educational credential	84	24,421	32,706	35,535	45.24%	54.76%	38.10%	61.90%	33.33%	66.67%
High school diploma or equivalent	235	30,729	46,419	52,500	68.94%	31.06%	78.72%	21.28%	78.30%	21.70%
Some college, no degree	49	29,324	43,886	49,815	30.61%	69.39%	32.65%	67.35%	30.61%	69.39%
Postsecondary nondegree award	89	32,490	44,644	50,496	41.57%	58.43%	29.21%	70.79%	33.71%	66.29%
Associate's degree	68	40,357	58,140	65,831	64.71%	35.29%	52.94%	47.06%	51.47%	48.53%
Bachelor's degree	184	46,182	86,727	100,186	59.78%	40.22%	65.22%	34.78%	65.22%	34.78%
Master's degree	42	55,578	85,202	97,511	78.57%	21.43%	66.67%	33.33%	61.90%	38.10%
Doctoral or professional degree	73	69,126	154,562	152,028	82.19%	17.81%	65.75%	34.25%	63.01%	36.99%

Workforce Region Wage Summary

Workforce Region 19	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	782	30,756	47,171	53,588	480	302	454	328	439	343
No formal educational credential	81	23,019	30,193	32,967	49.38%	50.62%	39.51%	60.49%	39.51%	60.49%
High school diploma or equivalent	218	28,636	42,548	49,244	73.39%	26.61%	81.19%	18.81%	80.73%	19.27%
Some college, no degree	48	26,047	41,348	46,374	31.25%	68.75%	37.50%	62.50%	35.42%	64.58%
Postsecondary nondegree award	87	29,831	41,316	45,954	49.43%	50.57%	33.33%	66.67%	28.74%	71.26%
Associate's degree	65	32,572	46,223	52,424	52.31%	47.69%	30.77%	69.23%	24.62%	75.38%
Bachelor's degree	179	42,457	73,546	84,514	62.57%	37.43%	62.57%	37.43%	62.01%	37.99%
Master's degree	39	47,097	72,092	83,579	71.79%	28.21%	56.41%	43.59%	53.85%	46.15%
Doctoral or professional degree	65	60,879	132,131	144,485	73.85%	26.15%	67.69%	32.31%	63.08%	36.92%

Workforce Region 20	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	821	32,455	51,762	58,794	467	354	471	350	471	350
No formal educational credential	82	23,636	31,690	34,496	42.68%	57.32%	34.15%	65.85%	36.59%	63.41%
High school diploma or equivalent	235	29,667	45,015	51,560	60.85%	39.15%	76.60%	23.40%	77.45%	22.55%
Some college, no degree	49	27,045	42,690	48,475	24.49%	75.51%	32.65%	67.35%	34.69%	65.31%
Postsecondary nondegree award	89	31,613	45,699	52,949	44.94%	55.06%	33.71%	66.29%	41.57%	58.43%
Associate's degree	68	36,387	54,495	61,931	55.88%	44.12%	45.59%	54.41%	41.18%	58.82%
Bachelor's degree	183	44,976	82,770	96,795	58.47%	41.53%	60.11%	39.89%	57.92%	42.08%
Master's degree	42	51,592	81,763	95,695	83.33%	16.67%	64.29%	35.71%	59.52%	40.48%
Doctoral or professional degree	73	71,405	152,343	155,103	78.08%	21.92%	67.12%	32.88%	63.01%	36.99%

Workforce Region 21	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	829	34,362	57,905	66,336	452	377	471	358	460	369
No formal educational credential	85	24,112	32,511	35,238	36.47%	63.53%	32.94%	67.06%	29.41%	70.59%
High school diploma or equivalent	236	30,791	48,484	56,132	60.59%	39.41%	75.00%	25.00%	74.58%	25.42%
Some college, no degree	49	28,650	43,644	49,194	26.53%	73.47%	30.61%	69.39%	30.61%	69.39%
Postsecondary nondegree award	90	32,700	47,917	54,554	44.44%	55.56%	28.89%	71.11%	27.78%	72.22%
Associate's degree	68	40,080	58,615	67,690	57.35%	42.65%	38.24%	61.76%	39.71%	60.29%
Bachelor's degree	185	47,910	93,518	109,219	58.38%	41.62%	67.03%	32.97%	65.41%	34.59%
Master's degree	43	52,915	83,277	96,745	67.44%	32.56%	58.14%	41.86%	53.49%	46.51%
Doctoral or professional degree	73	58,024	144,095	159,022	67.12%	32.88%	68.49%	31.51%	65.75%	34.25%

Workforce Region Wage Summary

Workforce Region 22	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	827	34,715	58,789	67,532	473	354	490	337	476	351
No formal educational credential	84	24,032	32,567	35,306	34.52%	65.48%	33.33%	66.67%	28.57%	71.43%
High school diploma or equivalent	236	30,730	48,806	56,159	61.44%	38.56%	76.69%	23.31%	76.69%	23.31%
Some college, no degree	49	28,961	44,411	49,952	30.61%	69.39%	28.57%	71.43%	28.57%	71.43%
Postsecondary nondegree award	90	33,725	50,879	59,334	47.78%	52.22%	42.22%	57.78%	41.11%	58.89%
Associate's degree	68	39,564	58,580	67,034	63.24%	36.76%	44.12%	55.88%	39.71%	60.29%
Bachelor's degree	184	48,880	95,608	112,355	62.50%	37.50%	67.39%	32.61%	67.93%	32.07%
Master's degree	43	51,621	82,487	96,021	72.09%	27.91%	55.81%	44.19%	48.84%	51.16%
Doctoral or professional degree	73	61,951	145,138	160,452	71.23%	28.77%	69.86%	30.14%	64.38%	35.62%

Workforce Region 23	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	831	34,761	60,982	70,073	474	357	511	320	503	328
No formal educational credential	85	23,962	32,993	35,607	32.94%	67.06%	32.94%	67.06%	32.94%	67.06%
High school diploma or equivalent	238	30,599	50,605	58,419	63.45%	36.55%	78.99%	21.01%	78.57%	21.43%
Some college, no degree	49	28,241	45,204	51,251	22.45%	77.55%	28.57%	71.43%	28.57%	71.43%
Postsecondary nondegree award	90	34,711	52,800	61,888	53.33%	46.67%	51.11%	48.89%	53.33%	46.67%
Associate's degree	68	39,580	59,901	68,137	61.76%	38.24%	51.47%	48.53%	44.12%	55.88%
Bachelor's degree	185	48,819	97,037	113,578	61.62%	38.38%	68.11%	31.89%	67.57%	32.43%
Master's degree	43	48,859	86,757	100,865	67.44%	32.56%	55.81%	44.19%	51.16%	48.84%
Doctoral or professional degree	73	54,955	141,391	158,349	69.86%	30.14%	68.49%	31.51%	67.12%	32.88%

Workforce Region 24	Number of SOCs by Educational Requirement	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
					Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	825	33,403	54,026	60,810	496	329	498	327	478	347
No formal educational credential	85	24,524	33,004	35,904	43.53%	56.47%	38.82%	61.18%	38.82%	61.18%
High school diploma or equivalent	233	30,851	47,383	54,048	67.81%	32.19%	81.55%	18.45%	78.54%	21.46%
Some college, no degree	49	28,526	42,868	47,797	26.53%	73.47%	28.57%	71.43%	26.53%	73.47%
Postsecondary nondegree award	90	31,872	46,379	53,749	46.67%	53.33%	30.00%	70.00%	30.00%	70.00%
Associate's degree	68	39,809	58,138	65,835	69.12%	30.88%	45.59%	54.41%	41.18%	58.82%
Bachelor's degree	184	47,037	90,331	103,871	60.87%	39.13%	66.85%	33.15%	64.67%	35.33%
Master's degree	43	57,710	93,313	105,746	72.09%	27.91%	67.44%	32.56%	69.77%	30.23%
Doctoral or professional degree	73	72,573	159,516	160,317	76.71%	23.29%	69.86%	30.14%	61.64%	38.36%

# Florida Labor Market Estimating Conference

Held August 2, 2023

FINAL

## Wage Metrics and Data – DETAILED OCCUPATIONS

### Statewide and by Workforce Region

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Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	74,980	256,980	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	41,350	113,350	136,590	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-1031	Legislators	21,710	78,020	116,350	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	53,120	114,660	138,410	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	68,280	151,020	187,990	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	59,990	139,940	169,990	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	60,210	114,100	132,540	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	65,110	123,690	150,600	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	49,420	108,010	133,760	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	50,070	97,610	123,870	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	93,690	157,810	175,940	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	73,250	157,780	188,150	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	53,130	113,580	137,050	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	75,120	134,660	163,480	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	50,500	109,610	132,030	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	73,120	121,900	152,670	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	74,430	128,090	155,000	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	62,430	115,270	137,050	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	24,170	88,820	124,090	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-9021	Construction Managers	60,120	118,400	131,690	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	30,660	51,330	54,910	Yes	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	59,660	90,390	103,360	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	60,800	101,370	104,150	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	35,410	72,070	94,450	Yes	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	100,030	156,110	174,030	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	36,600	73,500	81,840	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	61,700	118,440	119,690	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	40,180	82,960	98,440	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9081	Lodging Managers	38,910	86,350	106,200	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-9111	Medical and Health Services Managers	58,580	119,520	130,740	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	50,170	106,590	130,100	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	76,040	92,130	100,800	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	34,850	71,490	79,820	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	41,380	74,320	85,290	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9161	Emergency Management Directors	50,100	89,990	107,550	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
11-9171	Funeral Home Managers	46,820	80,910	81,980	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	47,950	78,370	94,340	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	60,130	125,840	156,850	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	29,990	96,200	156,730	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	37,440	68,790	82,460	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	39,880	68,270	80,530	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	49,460	68,790	78,640	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	36,140	70,310	86,650	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	36,560	67,570	81,020	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	37,450	68,760	79,680	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	24,170	88,820	124,090	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
13-1075	Labor Relations Specialists	40,990	78,010	99,860	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-1081	Logisticians	40,620	70,120	87,300	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-1082	Project Management Specialists	50,000	95,120	115,250	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	39,530	89,760	105,370	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1121	Meeting, Convention, and Event Planners	32,030	55,330	66,570	Yes	No	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	33,160	60,460	76,940	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	39,780	70,160	80,440	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	34,290	66,640	80,840	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	36,850	79,810	92,470	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	36,580	71,780	86,070	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	43,430	80,200	95,220	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2020	Property Appraisers and Assessors	38,240	74,660	84,000	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	47,030	78,700	95,220	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	50,210	85,240	100,610	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	51,800	91,210	101,590	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
13-2052	Personal Financial Advisors	37,200	120,760	142,150	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	46,730	72,550	85,440	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	54,400	109,970	127,860	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	44,670	78,530	96,270	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2071	Credit Counselors	34,100	49,160	49,480	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	32,610	71,790	84,910	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,740	51,380	64,400	Yes	No	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	23,500	46,810	63,460	No	No	Yes	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	36,370	65,060	79,930	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	53,300	100,940	123,710	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	63,710	111,870	134,050	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	79,180	131,920	177,390	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	44,670	74,680	86,000	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	34,160	56,750	65,130	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	64,690	115,510	138,580	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	50,510	100,260	128,330	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	74,000	132,370	158,330	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	52,200	91,620	107,810	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	48,590	93,320	108,500	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	61,150	113,300	135,110	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	48,040	89,730	107,770	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
15-1254	Web Developers	47,780	81,120	95,440	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	43,830	85,340	97,170	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	34,130	91,790	119,520	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2011	Actuaries	70,990	125,340	135,110	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	40,000	95,050	130,710	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-2031	Operations Research Analysts	39,230	80,550	102,220	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	40,720	83,820	101,530	Yes	Yes	Yes	Master's degree	Yes	Yes	No
15-2051	Data Scientists	52,900	100,780	127,810	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	40,720	83,820	101,530	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1011	Architects, Except Landscape and Naval	38,480	89,950	103,570	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1012	Landscape Architects	38,240	66,960	76,900	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	44,250	68,830	80,950	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	35,460	65,900	79,170	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	77,340	115,860	134,840	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers	46,850	86,660	111,530	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
17-2031	Bioengineers and Biomedical Engineers	59,470	98,800	123,760	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	67,380	109,130	134,240	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	51,570	100,900	123,790	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	66,910	119,660	139,110	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	61,850	100,650	127,890	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	77,290	106,360	123,530	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	35,620	85,110	106,130	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	50,070	85,250	104,450	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
17-2112	Industrial Engineers	62,540	98,340	121,380	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	51,530	78,010	91,740	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	56,840	92,890	113,800	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	58,260	94,770	109,890	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	46,440	96,730	108,800	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2161	Nuclear Engineers	81,100	116,890	126,690	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	67,200	131,290	157,510	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	49,110	98,470	123,780	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	38,500	58,660	66,580	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
17-3012	Electrical and Electronics Drafters	46,260	58,590	68,880	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
17-3013	Mechanical Drafters	35,360	57,180	69,370	Yes	Yes	Yes	Associate's degree	Yes	No	No
17-3019	Drafters, All Other	36,560	55,460	63,060	Yes	No	No	Associate's degree	Yes	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	36,340	78,140	106,840	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	36,450	56,060	65,550	Yes	Yes	Yes	Associate's degree	Yes	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	38,410	61,330	75,000	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	45,970	71,180	80,400	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	31,390	46,210	52,230	Yes	No	No	Associate's degree	Yes	No	No
17-3026	Industrial Engineering Technologists and Technicians	39,600	60,230	67,270	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
17-3027	Mechanical Engineering Technologists and Technicians	39,210	59,840	66,820	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
17-3028	Calibration Technologists and Technicians	39,100	63,510	80,620	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	35,760	68,470	86,070	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,420	45,970	51,110	Yes	No	No	Associate's degree	Yes	No	No
19-1011	Animal Scientists	37,320	81,640	121,720	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	39,680	78,790	108,540	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	39,850	83,050	103,580	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1021	Biochemists and Biophysicists	40,100	87,820	110,680	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	36,410	59,880	73,350	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	33,780	53,630	57,840	Yes	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	41,600	62,270	72,820	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1031	Conservation Scientists	30,990	59,700	75,030	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	37,380	60,410	71,140	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	57,880	87,110	102,510	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-1042	Medical Scientists, Except Epidemiologists	55,160	99,150	124,410	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	56,410	86,630	92,580	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	77,900	159,340	223,520	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	77,900	159,340	223,520	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	62,600	83,950	90,440	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	39,710	74,290	90,030	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	68,870	116,150	135,880	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,460	63,420	73,370	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	48,240	92,190	111,070	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	43,340	68,210	81,350	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2099	Physical Scientists, All Other	45,260	108,000	133,810	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	60,580	96,210	117,290	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	52,900	100,780	127,810	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	74,430	128,090	155,000	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	37,370	94,240	123,980	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	45,690	74,290	81,760	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	49,250	100,570	120,640	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	29,350	58,700	50,850	Yes	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	47,190	76,160	88,250	Yes	Yes	Yes	Master's degree	Yes	No	No

Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	40,060	63,070	74,610	Yes	Yes	Yes	Master's degree	Yes	No	No
19-3092	Geographers	56,410	86,630	92,580	Yes	Yes	Yes	Master's degree	Yes	Yes	No
19-3093	Historians	36,000	71,910	97,880	Yes	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	38,460	96,050	130,400	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	56,530	86,000	102,700	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	30,050	39,970	46,400	Yes	No	No	Associate's degree	Yes	No	No
19-4013	Food Science Technicians	32,580	52,780	72,710	Yes	No	Yes	Associate's degree	Yes	No	No
19-4021	Biological Technicians	29,520	43,330	50,120	Yes	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	32,070	51,330	62,170	Yes	No	No	Associate's degree	Yes	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	28,200	42,020	48,630	Yes	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	31,660	40,710	44,480	Yes	No	No	Associate's degree	Yes	No	No
19-4044	Hydrologic Technicians	36,110	56,440	67,500	Yes	Yes	Yes	Associate's degree	Yes	No	No
19-4051	Nuclear Technicians	39,100	63,510	80,620	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4061	Social Science Research Assistants	30,770	49,320	56,640	Yes	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	34,020	47,180	56,140	Yes	No	No	Associate's degree	Yes	No	No
19-4092	Forensic Science Technicians	37,520	60,990	74,870	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	49,500	59,630	Yes	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	39,770	70,360	85,860	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	40,340	62,340	69,500	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	35,730	54,290	64,330	Yes	No	Yes	Master's degree	No	Yes	No
21-1013	Marriage and Family Therapists	34,130	45,380	48,610	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	24,600	44,220	47,160	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	31,870	52,320	61,970	Yes	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	30,430	42,660	45,920	Yes	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	33,870	49,910	59,650	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	36,260	55,270	63,290	Yes	No	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	30,690	47,520	58,440	Yes	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	35,190	55,990	66,210	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	31,280	59,600	81,000	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,280	44,300	49,520	Yes	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	27,090	39,890	46,020	Yes	No	No	Some college, no degree	Yes	No	No
21-1094	Community Health Workers	31,020	47,720	60,140	Yes	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	21,320	56,850	59,640	No	Yes	No	Bachelor's degree	No	No	No
21-2011	Clergy	28,550	54,480	61,960	Yes	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	29,760	53,940	64,850	Yes	No	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	29,300	48,440	61,030	Yes	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	57,570	135,840	164,330	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
23-1012	Judicial Law Clerks	37,370	56,650	63,520	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	42,640	93,720	116,380	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	33,850	62,900	77,320	Yes	Yes	Yes	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	42,640	93,720	116,380	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	37,370	56,650	63,520	Yes	Yes	Yes	Associate's degree	Yes	No	No
23-2099	Title Examiners, Abstractors, and Searchers	31,710	53,530	62,500	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	29,430	63,800	68,340	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
25-1011	Business Teachers, Postsecondary	47,400	85,870	98,080	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	48,240	91,100	112,890	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	47,740	76,060	90,100	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	38,810	102,980	129,120	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	47,060	90,330	124,270	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	44,940	62,350	75,810	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	52,650	89,270	100,090	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	44,940	62,350	75,810	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	46,820	64,340	62,340	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	39,940	81,700	98,130	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	44,540	72,400	90,260	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	47,980	64,490	63,730	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	46,820	85,310	100,230	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	48,630	67,050	76,980	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	47,050	59,580	54,700	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	46,820	64,340	62,340	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	45,430	63,970	59,070	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	47,720	81,930	93,190	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	47,920	100,910	120,520	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	46,390	65,280	76,810	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	47,610	93,920	101,850	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
25-1072	Nursing Instructors and Teachers, Postsecondary	48,250	80,160	94,770	Yes	Yes	Yes	Master's degree	Yes	No	No
25-1081	Education Teachers, Postsecondary	37,940	74,730	85,790	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	48,480	74,260	81,830	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	42,780	58,270	60,930	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	45,380	141,370	209,040	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	61,300	70,310	77,260	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	46,970	87,580	98,530	Yes	Yes	Yes	Master's degree	Yes	Yes	No
25-1122	Communications Teachers, Postsecondary	45,980	80,140	99,410	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	44,470	68,730	78,720	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	41,110	67,970	78,920	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	42,060	55,690	49,010	Yes	No	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	45,590	67,470	79,080	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	37,940	74,730	85,790	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	44,050	75,160	79,280	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	35,110	58,070	73,780	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	37,150	65,830	77,650	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,480	30,990	34,530	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	43,950	58,990	66,620	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	45,660	59,240	68,120	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	45,440	58,700	64,990	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	47,670	65,880	74,660	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	47,600	63,470	74,670	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	47,250	62,650	67,910	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	37,850	60,270	76,860	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	43,970	57,780	65,060	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2057	Special Education Teachers, Middle School	47,080	63,710	78,580	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	46,500	66,220	77,750	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	29,040	59,380	80,540	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	37,380	57,520	74,070	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,660	40,370	49,240	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	22,880	39,680	36,880	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	22,350	42,900	52,000	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	22,350	42,900	52,000	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	29,370	47,030	56,160	Yes	No	No	Master's degree	No	No	No
25-4012	Curators	31,510	56,550	70,720	Yes	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	29,900	47,190	56,260	Yes	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	37,900	60,410	70,870	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	28,690	41,630	47,200	Yes	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	29,450	47,380	58,260	Yes	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	38,620	67,280	80,000	Yes	Yes	Yes	Master's degree	Yes	No	No
25-9044	Teaching Assistants, Postsecondary	21,190	32,920	40,960	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,600	29,380	30,360	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	24,320	48,430	63,350	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	49,670	88,770	100,070	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	21,260	34,330	39,590	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	27,490	47,250	47,610	Yes	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	46,290	66,270	76,060	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1019	Artists and Related Workers, All Other	26,470	50,950	59,250	Yes	No	No	Some college, no degree	Yes	Yes	Yes
27-1021	Commercial and Industrial Designers	22,790	58,980	75,020	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	37,430	67,590	79,480	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	24,250	34,170	36,110	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	34,090	56,870	64,530	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	34,900	63,250	74,920	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,270	35,140	38,530	Yes	No	No	Some college, no degree	Yes	No	No
27-1027	Set and Exhibit Designers	36,490	46,130	47,760	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	29,120	61,230	75,430	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	30,120	34,350	32,090	Yes	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	37,620	81,030	96,890	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	25,390	64,780	64,420	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
27-2022	Coaches and Scouts	25,390	64,780	64,420	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	21,220	46,320	46,560	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	30,120	34,350	32,090	Yes	No	No	High school diploma or equivalent	Yes	No	No
27-2032	Choreographers	30,120	34,350	32,090	Yes	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	31,750	70,160	83,300	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	30,120	34,350	32,090	Yes	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	22,200	60,700	60,110	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	22,200	60,700	60,110	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	22,200	60,700	60,110	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	36,250	72,440	86,430	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	34,120	65,760	77,210	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	36,890	68,300	79,400	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	50,250	76,250	85,720	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	35,680	62,970	72,940	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	31,780	54,030	72,910	Yes	No	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	28,290	52,720	63,890	Yes	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	21,150	47,230	58,450	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	25,710	50,040	60,470	Yes	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	27,260	64,120	84,720	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	27,040	67,760	100,830	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	29,990	49,280	60,650	Yes	No	No	Associate's degree	Yes	No	No
27-4021	Photographers	27,480	43,590	52,350	Yes	No	No	Some college, no degree	Yes	No	Yes
27-4031	Camera Operators, Television, Video, and Film	30,400	59,050	65,220	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	33,160	55,330	65,000	Yes	No	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	27,920	67,290	92,580	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	46,630	88,040	99,990	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	70,410	170,930	212,900	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	52,530	227,310	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1023	Orthodontists	70,410	170,930	212,900	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	52,530	227,310	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1029	Dentists, All Other Specialists	52,530	227,310	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*



Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	46,240	64,080	74,790	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	35,980	108,820	140,460	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1051	Pharmacists	64,500	121,560	137,430	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1071	Physician Assistants	42,980	110,930	133,520	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	30,970	130,750	186,110	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	64,600	88,910	99,760	Yes	Yes	Yes	Master's degree	Yes	Yes	No
29-1123	Physical Therapists	59,300	91,730	102,630	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1124	Radiation Therapists	63,650	85,530	89,870	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	30,470	54,280	63,130	Yes	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	51,270	68,710	75,460	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	55,010	86,940	100,410	Yes	Yes	Yes	Master's degree	Yes	Yes	No
29-1128	Exercise Physiologists	39,620	53,050	56,730	Yes	No	No	Master's degree	Yes	No	No
29-1129	Therapists, All Other	35,450	62,090	76,900	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	62,020	115,400	133,340	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1141	Registered Nurses	61,190	79,910	83,570	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	122,320	174,390	200,200	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	63,120	97,690	112,220	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	63,880	110,310	127,150	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	61,990	95,030	107,430	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	104,000	299,980	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	180,440	428,810	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	62,270	259,970	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	205,960	346,900	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	61,200	217,820	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	62,270	259,970	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	93,350	274,750	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	62,270	259,970	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	121,680	195,440	238,230	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	99,410	254,660	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	53,540	224,240	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1224	Radiologists	50,880	304,430	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1229	Physicians, All Other	99,410	254,660	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	102,010	219,580	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	65,000	320,430	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	65,000	320,430	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1249	Surgeons, All Other	65,000	320,430	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	29,000	50,560	54,590	Yes	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	59,120	76,100	81,350	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	31,620	55,480	71,900	Yes	No	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	31,620	55,480	71,900	Yes	No	Yes	Associate's degree	Yes	No	No
29-2031	Cardiovascular Technologists and Technicians	30,350	55,160	76,460	Yes	No	Yes	Associate's degree	Yes	No	Yes
29-2032	Diagnostic Medical Sonographers	60,130	74,110	81,810	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	65,820	81,860	85,640	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	44,490	62,270	73,430	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
29-2035	Magnetic Resonance Imaging Technologists	42,970	68,770	78,510	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	101,020	127,800	142,070	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	27,660	37,130	39,140	Yes	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	36,340	51,520	57,520	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	23,820	31,010	33,530	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,110	38,270	42,730	Yes	No	No	Postsecondary nondegree award	Yes	No	No
29-2053	Psychiatric Technicians	27,790	37,400	40,870	Yes	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	37,760	52,230	60,440	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	28,990	38,060	45,180	Yes	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	28,900	43,090	49,310	Yes	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	39,920	53,780	58,270	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	30,680	47,320	57,750	Yes	No	No	Postsecondary nondegree award	Yes	No	Yes
29-2081	Opticians, Dispensing	29,490	48,860	59,220	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	42,640	83,480	97,050	Yes	Yes	Yes	Master's degree	Yes	Yes	No
29-2092	Hearing Aid Specialists	31,200	53,060	67,000	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	31,400	43,660	47,420	Yes	No	No	Postsecondary nondegree award	Yes	No	No
29-9021	Health Information Technologists and Medical Registrars	33,990	62,800	80,950	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	39,670	55,130	61,310	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	51,440	88,770	102,980	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-9093	Surgical Assistants	34,360	61,530	71,830	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	31,520	65,940	71,770	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,140	28,280	30,300	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	26,880	33,390	36,280	Yes	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	25,070	30,700	32,860	Yes	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	26,840	32,540	34,630	Yes	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	52,920	67,180	73,910	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
31-2012	Occupational Therapy Aides	29,940	56,020	68,320	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-2021	Physical Therapist Assistants	47,780	66,220	74,750	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	23,240	31,460	33,860	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	29,000	50,560	54,590	Yes	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	35,960	42,650	46,460	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	30,570	37,870	40,690	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9093	Medical Equipment Preparers	29,190	38,250	43,580	Yes	No	No	High school diploma or equivalent	Yes	No	No
31-9094	Medical Transcriptionists	23,720	35,320	39,350	No	No	No	Postsecondary nondegree award	No	No	No

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Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	23,640	34,050	39,890	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	26,870	33,150	36,200	Yes	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	30,660	37,580	39,020	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9099	Healthcare Support Workers, All Other	27,430	40,940	47,100	Yes	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	42,100	54,170	53,000	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	60,390	97,290	113,020	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	55,660	91,530	103,330	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	30,360	49,380	58,380	Yes	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	38,430	59,420	68,090	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	31,450	56,560	64,670	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	40,610	63,040	77,100	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	55,660	91,530	103,330	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	29,180	55,370	65,210	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3012	Correctional Officers and Jailers	37,910	48,720	50,620	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
33-3021	Detectives and Criminal Investigators	42,900	85,330	117,640	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	27,040	29,320	29,490	Yes	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	31,750	40,730	42,390	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	45,970	73,350	84,860	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	59,720	74,200	69,900	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	28,300	39,950	44,200	Yes	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	33,280	60,000	82,140	Yes	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	28,370	35,630	38,620	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9032	Security Guards	22,820	32,650	35,110	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	24,990	31,560	34,330	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,830	29,890	33,360	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	35,280	43,860	47,900	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	22,830	27,260	28,470	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	24,500	41,240	49,760	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	32,350	58,860	72,530	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,870	41,200	47,770	Yes	No	No	High school diploma or equivalent	Yes	No	No
35-2011	Cooks, Fast Food	21,990	26,520	28,870	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	24,940	32,070	35,530	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	32,350	58,860	72,530	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	27,230	33,900	36,610	Yes	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	22,260	29,350	34,150	No	No	No	No formal educational credential	Yes	No	No
35-2019	Cooks, All Other	27,170	33,530	35,480	Yes	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	23,260	30,720	34,720	No	No	No	No formal educational credential	Yes	No	No
35-3011	Bartenders	21,220	34,350	38,360	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,880	25,800	27,850	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,110	32,980	36,190	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,360	28,270	31,130	No	No	No	No formal educational credential	Yes	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,160	28,090	30,730	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,250	27,020	28,940	No	No	No	No formal educational credential	Yes	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,380	29,070	30,260	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	22,190	28,240	28,890	No	No	No	No formal educational credential	Yes	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,330	45,080	53,190	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	35,050	52,560	60,770	Yes	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,670	29,150	31,820	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,000	29,070	30,970	No	No	No	No formal educational credential	Yes	No	No
37-2019	Building Cleaning Workers, All Other	24,440	30,420	33,200	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	30,960	42,020	46,660	Yes	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	27,720	33,490	36,160	Yes	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	23,630	38,460	45,670	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	28,020	39,290	47,170	Yes	No	No	High school diploma or equivalent	Yes	No	No
37-3019	Grounds Maintenance Workers, All Other	29,100	38,820	38,550	Yes	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	33,000	57,730	70,850	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	30,510	52,030	60,770	Yes	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	29,480	48,160	56,820	Yes	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	27,050	37,250	39,400	Yes	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,270	31,170	33,000	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	21,470	35,200	47,540	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	21,430	28,600	30,770	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,800	32,390	37,660	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	31,820	38,460	43,000	Yes	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,440	26,350	28,370	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,870	28,400	29,310	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	25,860	41,540	48,340	Yes	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	22,660	30,290	33,120	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	23,290	28,990	29,040	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	32,670	46,690	52,310	Yes	No	No	Associate's degree	Yes	No	No
39-4012	Crematory Operators	31,080	39,610	47,340	Yes	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	23,650	30,490	33,770	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	34,680	55,510	64,610	Yes	No	Yes	Associate's degree	Yes	No	No
39-5011	Barbers	21,840	33,780	37,290	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,440	35,040	43,060	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	37,670	43,770	38,820	Yes	No	No	Postsecondary nondegree award	Yes	No	No
39-5092	Manicurists and Pedicurists	22,480	33,550	35,220	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,800	24,540	26,480	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	22,820	41,140	45,240	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,620	29,670	34,450	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	24,720	35,710	38,240	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	22,800	36,390	40,030	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,840	28,480	29,870	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	42,200	49,290	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	22,690	32,580	35,350	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	25,960	36,910	41,640	Yes	No	No	Some college, no degree	Yes	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	30,780	32,670	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,330	50,500	58,240	Yes	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	44,830	95,700	108,670	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,000	26,840	28,640	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	21,230	33,280	34,480	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	24,160	36,240	39,000	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	22,940	37,500	43,830	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,480	32,980	34,680	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	32,400	65,560	71,920	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	30,010	69,750	77,730	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	38,850	80,870	84,870	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	24,730	43,690	50,120	No	No	No	Some college, no degree	No	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	31,340	66,880	79,160	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	42,730	103,490	129,570	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	32,120	71,560	81,880	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	21,180	49,090	78,150	No	No	Yes	No formal educational credential	No	Yes	No
41-9012	Models	21,980	32,680	35,140	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	28,580	56,580	63,440	Yes	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9022	Real Estate Sales Agents	28,580	56,580	63,440	Yes	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	48,780	123,470	160,720	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	21,480	31,340	32,880	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	21,560	35,480	49,920	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,290	41,470	45,270	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	37,450	63,740	75,800	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	26,060	31,310	34,280	Yes	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	26,060	31,310	34,280	Yes	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	23,230	49,190	57,690	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	30,990	41,370	45,160	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	31,080	41,910	46,500	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,870	45,380	50,950	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	22,190	32,050	38,130	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	35,720	48,130	55,440	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,240	44,030	49,170	Yes	No	No	Associate's degree	Yes	No	No
43-3071	Tellers	30,510	37,920	39,430	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	35,880	54,400	60,930	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	37,260	55,470	60,200	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	33,440	37,350	40,600	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	31,780	42,660	45,530	Yes	No	No	Some college, no degree	Yes	No	Yes
43-4041	Credit Authorizers, Checkers, and Clerks	28,870	43,680	50,910	Yes	No	No	Some college, no degree	Yes	No	No
43-4051	Customer Service Representatives	28,010	38,810	43,880	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	38,660	47,840	Yes	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	21,230	37,450	44,060	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	23,920	30,540	33,750	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	28,650	38,720	44,470	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4121	Library Assistants, Clerical	23,210	31,700	35,990	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	32,470	47,860	58,390	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	36,260	43,430	47,040	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	27,350	38,120	43,230	Yes	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	30,730	43,130	48,800	Yes	No	No	Associate's degree	Yes	No	No
43-4171	Receptionists and Information Clerks	23,920	32,420	35,910	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	29,270	42,240	48,480	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4199	Information and Record Clerks, All Other	28,710	41,380	47,250	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	31,650	50,400	60,690	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	26,430	33,340	35,360	Yes	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	34,600	49,900	55,510	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5032	Dispatchers, Except Police, Fire, and Ambulance	29,230	43,680	49,400	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5041	Meter Readers, Utilities	30,690	46,210	56,390	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
43-5051	Postal Service Clerks	39,770	56,690	68,310	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,640	55,740	71,340	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	38,580	52,160	67,160	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	31,800	51,790	61,310	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	27,260	37,830	43,740	Yes	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	26,970	37,840	42,020	Yes	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	37,130	60,310	73,590	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	30,470	48,920	59,630	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	29,470	37,530	40,040	Yes	No	No	Some college, no degree	Yes	No	No

Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	27,350	40,180	46,470	Yes	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,440	35,700	38,480	Yes	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	23,760	33,660	37,170	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	25,710	50,040	60,470	Yes	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	30,270	44,320	48,390	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	24,030	34,590	38,690	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	25,500	40,250	47,030	Yes	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	22,360	33,660	38,180	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	28,200	34,860	36,510	Yes	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	35,460	45,980	50,970	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	26,790	40,630	46,220	Yes	No	No	Some college, no degree	Yes	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	30,460	55,310	69,100	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	27,040	39,180	41,670	Yes	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	27,050	37,250	39,400	Yes	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	22,320	26,310	27,370	No	No	No	No formal educational credential	Yes	No	No
45-2091	Agricultural Equipment Operators	26,240	36,360	38,670	Yes	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	22,760	28,170	29,350	No	No	No	No formal educational credential	Yes	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	26,770	35,960	43,040	Yes	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	21,480	35,680	41,920	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	26,770	35,960	43,040	Yes	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	32,730	42,260	49,860	Yes	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	39,150	46,510	52,600	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-4022	Logging Equipment Operators	28,570	41,080	48,570	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4023	Log Graders and Scalers	22,320	26,310	27,370	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	41,610	45,090	46,680	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	44,470	69,380	79,710	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,800	46,850	57,000	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	29,870	43,530	49,520	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2022	Stonemasons	29,150	46,480	57,710	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2031	Carpenters	32,640	46,140	50,020	Yes	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	20,800	33,990	37,260	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	33,760	45,360	51,160	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	24,290	39,350	49,010	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	31,700	45,960	49,340	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	30,820	43,330	48,610	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	35,130	51,940	57,780	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	24,960	37,690	42,410	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	30,680	40,410	44,810	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	34,630	48,360	49,810	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	32,200	53,980	52,000	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2081	Drywall and Ceiling Tile Installers	22,270	38,910	48,080	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2082	Tapers	28,600	41,970	47,110	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,660	50,710	57,330	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	28,600	41,970	47,110	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	29,280	43,490	48,320	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2132	Insulation Workers, Mechanical	36,410	49,030	51,030	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	29,530	39,610	44,460	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	29,650	36,980	44,530	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	32,860	42,430	46,400	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	34,950	48,830	56,930	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	26,910	41,800	47,300	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	35,250	46,930	55,090	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	27,770	42,370	48,580	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	33,960	47,780	52,650	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2221	Structural Iron and Steel Workers	35,450	48,780	56,940	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	35,530	43,470	46,810	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,800	34,320	38,160	No	No	No	No formal educational credential	No	Yes	No
47-3012	Helpers—Carpenters	26,880	34,580	38,170	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	26,730	34,910	37,240	Yes	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	26,660	31,450	32,930	Yes	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	29,550	36,060	38,340	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3016	Helpers—Roofers	29,880	36,250	38,530	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	27,960	37,000	40,870	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	40,610	63,040	77,100	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	48,790	84,610	103,020	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	29,110	40,100	46,530	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	30,500	40,400	46,280	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	27,440	36,880	39,580	Yes	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	45,070	54,840	62,260	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30,570	47,660	55,520	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	31,770	43,080	47,150	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	34,210	49,470	61,140	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	40,940	53,990	56,420	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	37,330	54,300	62,440	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	33,130	45,820	52,030	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
47-5023	Earth Drillers, Except Oil and Gas	34,850	49,410	51,360	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	53,160	70,870	81,680	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	27,460	40,250	44,530	Yes	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining	27,460	40,250	44,530	Yes	No	No	High school diploma or equivalent	No	No	No
47-5044	Loading and Moving Machine Operators, Underground Mining	35,850	40,590	45,010	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	35,850	40,590	45,010	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	36,900	66,940	89,290	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	34,210	49,470	61,140	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers-Extraction Workers	29,390	35,120	38,530	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5099	Extraction Workers, All Other	27,800	44,830	43,820	Yes	No	No	High school diploma or equivalent	Yes	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	42,030	68,600	80,890	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	30,940	41,340	47,450	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	38,180	58,720	71,940	Yes	Yes	Yes	Associate's degree	Yes	No	No
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	30,530	54,760	67,220	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2091	Avionics Technicians	38,370	68,480	78,480	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	30,790	45,630	51,010	Yes	No	No	High school diploma or equivalent	Yes	No	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	40,080	56,260	63,620	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	38,740	57,060	68,990	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	39,940	76,450	98,930	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	33,210	44,360	48,580	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2097	Audiovisual Equipment Installers and Repairers	38,210	47,120	50,560	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2098	Security and Fire Alarm Systems Installers	31,960	47,140	58,410	Yes	No	No	Postsecondary nondegree award	Yes	No	Yes
49-3011	Aircraft Mechanics and Service Technicians	39,890	70,110	79,650	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-3021	Automotive Body and Related Repairers	31,450	50,690	57,550	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3022	Automotive Glass Installers and Repairers	33,530	46,270	54,810	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
49-3023	Automotive Service Technicians and Mechanics	28,610	47,310	59,450	Yes	No	No	Postsecondary nondegree award	No	No	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	37,110	55,260	63,440	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	30,930	47,610	49,520	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,190	56,390	64,780	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	37,450	53,770	59,790	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	33,260	51,630	60,740	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3052	Motorcycle Mechanics	29,810	46,000	59,010	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	28,820	40,950	47,480	Yes	No	No	High school diploma or equivalent	Yes	No	No
49-3091	Bicycle Repairers	23,460	36,570	43,680	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	30,580	48,620	61,310	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3093	Tire Repairers and Changers	24,460	33,030	36,090	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	31,200	46,040	54,360	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	33,980	56,000	65,010	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	32,120	49,380	58,540	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9031	Home Appliance Repairers	27,710	42,780	49,660	Yes	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	36,420	55,440	64,110	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9043	Maintenance Workers, Machinery	33,230	54,140	58,770	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9044	Millwrights	40,830	55,950	66,050	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons	26,160	34,670	38,120	Yes	No	No	High school diploma or equivalent	No	No	No
49-9051	Electrical Power-Line Installers and Repairers	39,110	71,890	94,390	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	35,140	50,780	59,870	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	40,250	53,490	59,670	Yes	No	No	Associate's degree	Yes	No	No
49-9062	Medical Equipment Repairers	33,250	53,360	61,510	Yes	No	No	Associate's degree	Yes	No	No
49-9063	Musical Instrument Repairers and Tuners	28,530	42,000	51,530	Yes	No	No	High school diploma or equivalent	Yes	No	No
49-9064	Watch and Clock Repairers	24,770	29,470	28,750	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	40,570	57,710	66,040	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	28,340	41,480	47,390	Yes	No	No	High school diploma or equivalent	Yes	No	No
49-9081	Wind Turbine Service Technicians	48,300	68,120	78,970	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	27,400	40,350	48,480	Yes	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	39,550	53,270	57,060	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9094	Locksmiths and Safe Repairers	31,000	44,230	55,160	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
49-9095	Manufactured Building and Mobile Home Installers	21,860	30,910	39,110	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	33,290	51,750	60,090	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	47,270	63,340	71,520	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers-Installation, Maintenance, and Repair Workers	26,920	34,330	37,380	Yes	No	No	High school diploma or equivalent	No	No	No
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,050	41,040	46,270	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	38,300	65,510	79,620	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	33,070	47,070	55,850	Yes	No	No	Postsecondary nondegree award	Yes	No	Yes
51-2021	Coil Winders, Tapers, and Finishers	33,240	45,520	48,500	Yes	No	No	High school diploma or equivalent	Yes	No	No
	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	26,460	37,830	42,050	Yes	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	33,670	43,470	48,260	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	30,550	43,570	49,270	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-2051	Fiberglass Laminators and Fabricators	29,530	37,820	40,550	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-2061	Timing Device Assemblers and Adjusters	24,990	34,100	38,920	No	No	No	High school diploma or equivalent	No	No	No
51-2090	Miscellaneous Assemblers and Fabricators	25,000	35,270	38,420	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	24,110	32,180	36,620	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	28,360	39,320	44,690	Yes	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	25,000	34,560	40,270	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughterers and Meat Packers	26,620	27,990	29,050	Yes	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	24,890	37,050	36,380	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3092	Food Batchmakers	22,770	33,290	38,000	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	25,110	32,020	35,460	Yes	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	24,030	31,840	35,660	No	No	No	No formal educational credential	Yes	Yes	Yes
	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	31,220	40,490	44,890	Yes	No	No	High school diploma or equivalent	Yes	No	No

Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	30,350	40,090	45,790	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	30,680	41,930	45,290	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	28,480	38,510	44,100	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,160	56,280	83,610	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,980	34,120	36,350	Yes	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,940	38,940	47,840	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	31,540	42,170	46,180	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	31,940	48,140	56,800	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	39,160	49,930	50,860	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	29,850	46,670	56,600	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4061	Model Makers, Metal and Plastic	33,060	52,070	60,600	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	27,010	50,530	78,080	Yes	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	23,280	40,210	54,980	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	27,520	36,990	39,770	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	31,200	38,070	38,510	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	39,140	58,290	65,770	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	32,430	46,690	52,600	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	29,750	37,690	40,990	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,960	40,780	47,400	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	33,960	47,780	52,650	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	30,090	40,260	44,870	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	27,540	36,850	38,900	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4199	Metal Workers and Plastic Workers, All Other	29,270	39,070	45,830	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-5111	Prepress Technicians and Workers	31,770	45,130	49,320	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	26,440	38,940	44,890	Yes	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	27,070	39,110	46,270	Yes	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,080	27,070	29,860	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	23,840	28,640	29,500	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	20,800	30,100	34,820	No	No	No	No formal educational credential	Yes	No	No
51-6041	Shoe and Leather Workers and Repairers	23,560	32,980	37,230	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	27,070	39,110	46,270	Yes	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	22,050	29,800	30,380	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	28,600	35,380	37,190	Yes	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	23,080	27,640	28,250	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	27,750	33,180	36,410	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	27,600	31,740	34,560	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	23,270	33,590	38,180	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	33,790	58,870	83,730	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	27,010	50,530	78,080	Yes	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	28,060	38,020	42,890	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	27,360	34,170	38,110	Yes	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,320	41,820	47,820	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	30,760	45,770	53,800	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
51-7031	Model Makers, Wood	33,060	52,070	60,600	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7032	Patternmakers, Wood	33,060	52,070	60,600	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	26,160	34,670	38,120	Yes	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	26,070	34,430	38,540	Yes	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	27,540	32,610	32,960	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-8011	Nuclear Power Reactor Operators	48,550	76,600	96,980	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	53,670	88,760	103,720	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	48,550	76,600	96,980	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	48,240	63,000	68,120	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	35,220	53,860	61,600	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	41,840	61,980	67,100	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
51-8092	Gas Plant Operators	34,570	52,120	63,020	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	48,480	62,920	79,280	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	40,340	57,910	64,920	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	29,850	46,670	56,600	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	28,300	42,760	49,650	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	28,190	41,520	47,010	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9022	Grinding and Polishing Workers, Hand	28,480	35,570	38,680	Yes	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	28,120	39,410	44,820	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9031	Cutters and Trimmers, Hand	21,950	35,660	40,060	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	28,630	38,800	44,420	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	27,720	38,220	45,180	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30,670	39,280	44,090	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	27,720	45,920	53,160	Yes	No	No	Postsecondary nondegree award	No	No	No
51-9071	Jewelers and Precious Stone and Metal Workers	25,180	48,970	57,240	Yes	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	30,670	49,850	57,110	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes

Wages - Statewide

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	28,390	40,310	49,890	Yes	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	28,450	34,390	36,080	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	23,090	35,820	40,190	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	25,220	35,920	42,470	Yes	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	30,650	43,440	48,530	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	38,080	47,920	50,820	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	23,410	35,400	38,120	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	30,670	43,370	49,090	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-9162	Computer Numerically Controlled Tool Programmers	36,780	60,100	70,120	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
51-9191	Adhesive Bonding Machine Operators and Tenders	23,270	33,590	38,180	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	26,060	36,060	47,270	Yes	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	27,610	45,760	48,740	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9194	Etchers and Engravers	29,230	34,860	38,420	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	29,080	38,510	42,800	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	29,180	44,480	52,400	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
51-9197	Tire Builders	29,040	37,580	40,610	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9198	Helpers—Production Workers	22,740	32,700	36,570	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	24,330	36,160	40,150	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	37,860	57,090	62,280	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	36,070	58,540	70,890	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	108,930	270,720	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	52,880	131,610	165,290	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	79,960	126,360	157,250	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	79,960	126,360	157,250	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	35,210	69,280	79,110	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	25,750	30,660	32,550	Yes	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	33,270	41,210	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	33,720	49,690	57,340	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	26,300	43,480	47,780	Yes	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	28,750	35,810	38,210	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	29,220	41,760	52,450	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
53-3053	Shuttle Drivers and Chauffeurs	23,490	32,700	34,600	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,870	31,690	31,940	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	22,350	31,440	35,070	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	56,590	68,740	74,260	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	32,200	53,980	52,000	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Fiers	39,130	59,170	61,890	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	63,370	71,530	74,310	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	29,220	41,760	52,450	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
53-4099	Rail Transportation Workers, All Other	41,260	41,950	41,270	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	29,120	45,540	50,240	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	37,390	86,240	126,580	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	28,490	45,430	53,240	Yes	No	No	Postsecondary nondegree award	No	No	No
53-5031	Ship Engineers	72,570	98,290	109,390	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	24,080	32,040	36,380	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,270	27,230	28,910	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	24,550	32,080	36,230	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	29,800	36,970	37,360	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-6041	Traffic Technicians	30,640	47,550	54,530	Yes	No	No	Associate's degree	Yes	No	No
53-6051	Transportation Inspectors	40,200	85,510	107,880	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	21,280	32,590	38,090	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,800	30,740	32,570	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	29,540	34,630	35,810	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	36,650	63,310	76,980	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	35,710	47,330	49,290	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	32,260	50,550	51,800	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,160	40,670	46,740	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,470	30,640	33,980	No	No	No	No formal educational credential	Yes	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,620	34,830	37,580	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	29,040	37,580	40,610	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	22,510	26,940	28,450	No	No	No	No formal educational credential	Yes	No	No
53-7065	Stockers and Order Fillers	25,890	33,430	36,100	Yes	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	30,700	36,620	34,020	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	32,820	46,160	51,820	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
53-7073	Wellhead Pumps	30,700	36,620	34,020	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-7081	Refuse and Recyclable Material Collectors	29,190	41,760	48,670	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	43,360	60,430	61,360	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	28,230	38,000	39,780	Yes	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Statewide

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	25,070	55,980	63,220	832
No formal educational credential	22,090	31,780	35,150	85
High school diploma or equivalent	27,500	46,450	51,760	239
Some college, no degree	24,980	44,620	50,380	49
Postsecondary nondegree award	29,240	47,400	53,450	90
Associate's degree	29,380	58,430	74,330	68
Bachelor's degree	40,050	90,060	103,960	185
Master's degree	38,310	82,780	102,550	43
Doctoral or professional degree	50,160	147,960	171,450	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	314	518	492	340	488	344
No formal educational credential	24.71%	75.29%	32.94%	67.06%	34.12%	65.88%
High school diploma or equivalent	41.84%	58.16%	76.15%	23.85%	74.06%	25.94%
Some college, no degree	16.33%	83.67%	34.69%	65.31%	32.65%	67.35%
Postsecondary nondegree award	25.56%	74.44%	41.11%	58.89%	35.56%	64.44%
Associate's degree	16.18%	83.82%	44.12%	55.88%	60.29%	39.71%
Bachelor's degree	49.19%	50.81%	67.03%	32.97%	62.70%	37.30%
Master's degree	46.51%	53.49%	58.14%	41.86%	69.77%	30.23%
Doctoral or professional degree	54.79%	45.21%	67.12%	32.88%	64.38%	35.62%



Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	56,809	226,864	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	38,639	99,909	124,450	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	71,589	99,527	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	50,181	108,316	130,752	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	64,218	126,322	158,457	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	52,998	120,575	145,862	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	49,949	103,428	112,777	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	61,507	116,846	142,267	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	54,496	108,000	131,144	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	45,500	92,244	111,284	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	89,109	138,501	165,550	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	68,452	144,003	162,134	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	54,715	125,098	159,953	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	75,949	127,815	162,946	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	47,344	97,373	124,426	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	72,254	125,241	146,199	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	72,859	119,391	143,079	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	55,876	94,518	98,655	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	22,833	83,906	117,224	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	49,389	105,542	127,129	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	28,964	46,806	48,976	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	48,966	82,203	103,357	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9033	Education Administrators, Postsecondary	57,436	95,761	98,387	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	33,451	68,082	89,224	Yes	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	100,675	153,274	172,781	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	34,917	63,526	73,624	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	58,286	111,887	113,068	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	36,479	75,641	89,149	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	26,659	63,764	76,563	No	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	59,197	108,940	119,226	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	50,835	115,100	139,922	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	71,833	87,032	95,223	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	35,289	65,644	76,896	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	43,040	63,451	75,920	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	47,328	85,011	101,599	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	44,229	76,433	77,444	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	45,297	74,034	89,120	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	51,351	108,242	132,762	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	28,331	90,877	148,058	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	35,091	63,299	78,924	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	34,091	51,891	63,841	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	46,723	64,984	74,289	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	35,428	64,428	79,734	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	21,688	53,017	71,398	No	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	34,300	60,475	76,745	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors										
13-1075	Labor Relations Specialists	33,788	66,129	79,998	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	38,388	70,994	81,661	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	48,942	85,970	99,863	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	42,487	80,109	97,345	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	31,671	52,348	61,030	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	37,625	53,880	61,415	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	37,434	60,901	75,820	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	36,785	60,613	74,693	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	32,545	65,896	78,261	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	35,290	64,090	79,435	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	41,808	73,823	86,180	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	28,823	58,506	73,832	No	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	44,503	69,680	78,565	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2041	Credit Analysts	44,843	71,655	94,142	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-2051	Financial and Investment Analysts	46,402	75,011	92,097	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	35,135	99,096	126,674	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	44,144	68,536	80,713	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	53,925	83,915	101,968	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	36,865	59,576	58,104	Yes	Yes	No	Bachelor's degree	No	No	No
13-2071	Credit Counselors	29,609	44,477	46,272	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	36,330	57,260	59,502	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,245	47,199	65,398	No	No	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	22,200	44,220	59,949	No	No	No	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	38,605	72,026	92,581	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	52,352	85,256	97,726	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	58,323	104,783	124,098	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	86,681	150,884	187,132	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	37,407	62,170	66,641	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1232	Computer User Support Specialists	31,511	53,214	61,767	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	69,432	111,984	129,625	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	30,401	73,662	101,261	No	Yes	Yes	Bachelor's degree	No	No	Yes
15-1243	Database Architects	69,906	125,046	149,570	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	55,357	89,909	106,719	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	54,662	90,178	105,118	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	59,822	97,695	117,059	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	45,556	80,488	95,728	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	36,128	77,839	105,207	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1255	Web and Digital Interface Designers	38,196	65,446	76,301	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	57,162	97,645	117,021	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2011	Actuaries	67,062	118,405	127,634	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	37,787	89,791	123,478	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	38,563	71,720	93,514	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-2041	Statisticians	51,126	86,529	100,526	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	46,567	80,418	100,639	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	38,467	79,182	95,912	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-1011	Architects, Except Landscape and Naval	46,477	86,239	96,910	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	36,124	63,255	72,645	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	47,523	63,896	61,831	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	30,299	57,219	75,563	No	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	50,045	78,191	78,135	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	56,180	93,333	116,912	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	63,652	103,092	126,813	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	52,217	100,890	118,728	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	60,550	94,633	124,445	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	59,403	99,241	123,076	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	65,690	101,981	121,273	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	58,925	89,149	108,635	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	77,615	107,720	113,844	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	59,299	98,201	120,033	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	48,679	73,694	86,664	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	53,695	87,750	107,503	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	58,181	105,563	138,480	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	43,870	91,378	102,780	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2161	Nuclear Engineers	76,613	110,422	119,680	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	63,482	124,026	148,795	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	44,533	84,958	104,603	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-3011	Architectural and Civil Drafters	37,697	58,003	64,094	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3012	Electrical and Electronics Drafters	45,457	55,344	62,345	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	34,707	58,719	65,399	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	33,633	56,150	64,571	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3021	Aerospace Engineering and Operations Technologists and Technicians	34,329	73,817	100,929	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	33,833	52,282	61,665	Yes	Yes	Yes	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	38,211	62,464	73,479	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	32,581	54,726	58,490	No	Yes	No	Associate's degree	No	Yes	No
17-3025	Environmental Engineering Technologists and Technicians	29,653	43,653	49,340	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	32,581	55,885	63,211	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	37,041	56,529	63,123	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	36,937	59,996	76,159	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	36,731	69,453	78,674	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	29,105	43,507	46,749	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	35,255	77,123	114,985	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	37,485	74,431	102,534	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	37,645	78,455	97,849	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1021	Biochemists and Biophysicists	37,881	82,961	104,556	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	34,395	56,567	69,292	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	32,633	41,704	45,427	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	36,084	68,387	95,222	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1031	Conservation Scientists	31,200	62,494	83,843	No	Yes	No	Bachelor's degree	No	No	No
19-1032	Foresters	35,312	57,068	67,204	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	54,677	82,290	96,838	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	54,247	78,908	94,273	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	53,289	81,837	87,458	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	73,590	150,524	211,153	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	73,590	150,524	211,153	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	59,136	79,305	85,436	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2031	Chemists	47,340	78,214	99,922	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
19-2032	Materials Scientists	65,059	109,723	128,362	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	31,928	53,028	59,680	No	Yes	No	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	45,571	87,089	104,924	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	40,942	64,436	76,849	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	42,756	102,024	126,406	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	57,228	90,887	110,800	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	49,973	95,204	120,738	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	70,312	121,003	146,424	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	34,669	93,339	117,824	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	43,162	70,180	77,236	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	75,026	107,814	116,376	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3041	Sociologists	27,726	55,452	48,036	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	40,052	64,764	74,651	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 1

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Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	37,843	59,580	70,482	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	53,289	81,837	87,458	Yes	Yes	Yes	Master's degree	No	No	No
19-3093	Historians	34,008	67,931	92,464	Yes	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	36,332	90,736	123,185	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	56,534	79,061	92,581	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	28,387	37,758	43,833	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	30,777	49,860	68,687	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	27,061	42,008	50,690	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	34,879	74,335	98,176	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4042	Environmental Science and Protection Technicians, Including Health	31,408	49,362	53,746	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	29,908	38,458	42,019	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	34,112	53,317	63,765	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-4051	Nuclear Technicians	36,937	59,996	76,159	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	29,067	46,591	53,506	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,138	44,570	53,034	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	35,365	51,439	61,651	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,136	55,917	66,834	No	Yes	Yes	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	31,104	71,870	91,195	No	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	38,108	58,891	65,655	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	35,564	47,277	50,967	Yes	No	No	Master's degree	Yes	No	No
21-1013	Marriage and Family Therapists	28,722	37,164	45,884	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	20,800	48,414	44,179	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	37,169	50,400	57,365	Yes	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	30,722	38,809	40,435	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	31,042	39,578	44,611	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	34,813	52,030	61,119	Yes	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	29,283	47,622	59,295	No	No	Yes	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	33,243	52,892	62,547	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	33,592	58,930	81,001	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	31,720	43,410	51,525	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	26,313	36,367	40,099	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	32,857	44,343	58,961	No	No	Yes	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	27,040	37,305	44,927	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	30,319	55,318	60,541	No	Yes	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	29,703	56,744	72,131	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	29,324	43,432	55,260	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	54,400	115,959	139,955	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	35,302	53,516	60,005	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	40,281	88,534	109,941	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	31,977	59,420	73,042	No	Yes	Yes	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	40,281	88,534	109,941	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	34,741	51,672	60,498	Yes	No	Yes	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	29,955	50,568	59,042	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	34,278	64,565	74,910	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	44,777	81,119	92,653	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	45,571	86,059	106,644	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	45,099	71,852	85,115	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	36,663	97,282	121,976	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	44,456	85,332	117,394	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	42,453	58,900	71,615	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	49,737	84,331	94,552	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	42,453	58,900	71,615	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	44,229	60,780	58,891	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	37,730	77,180	92,700	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	42,076	68,394	85,266	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	45,325	60,922	60,204	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	44,229	80,590	94,684	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	45,939	63,340	72,721	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	44,447	56,283	51,673	Yes	No	Yes	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	44,229	60,780	58,891	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	42,916	60,431	55,802	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	45,080	77,397	88,034	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	45,269	95,327	113,852	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	43,823	61,668	72,560	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	44,976	88,723	96,215	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	45,580	75,725	89,526	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	35,841	70,595	81,043	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	45,798	70,151	77,302	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	40,413	55,046	57,559	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	42,869	133,548	197,474	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	57,908	66,420	72,985	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	44,371	82,734	93,078	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	43,436	75,706	93,910	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	42,009	64,927	74,364	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	38,835	64,209	74,553	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	39,733	52,609	46,298	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	43,068	63,737	74,705	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	35,841	70,595	81,043	Yes	Yes	Yes	Master's degree	No	No	No

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May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	41,613	71,001	74,893	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	34,781	71,569	75,996	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	35,094	62,188	73,354	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,842	28,588	28,136	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	41,518	55,726	62,934	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	43,134	55,962	64,351	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	42,926	55,452	61,394	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	45,032	62,235	70,529	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	46,052	48,886	46,052	Yes	No	No	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	44,636	59,184	64,153	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	45,590	47,539	45,590	Yes	No	No	Bachelor's degree	Yes	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	41,537	54,583	61,460	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	44,475	60,185	74,232	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	45,933	47,758	45,933	Yes	No	No	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	27,433	56,095	76,084	No	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	35,312	54,337	69,972	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	23,239	32,384	39,312	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	20,800	43,646	30,616	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	20,800	26,336	26,044	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	46,249	68,917	84,635	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-4011	Archivists	27,745	44,428	53,053	No	No	No	Master's degree	No	No	No
25-4012	Curators	29,767	53,421	66,807	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	28,246	44,579	53,147	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	38,641	52,046	59,687	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	28,189	36,354	42,320	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	27,821	44,758	55,036	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	45,263	67,895	86,070	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,018	31,099	38,694	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	21,521	26,550	27,696	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	35,252	44,498	49,213	Yes	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	43,622	72,385	82,277	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1012	Craft Artists	20,084	32,431	37,399	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	25,969	44,636	44,976	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	43,729	62,603	71,852	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,005	48,131	55,972	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	21,713	47,421	65,963	No	No	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	35,359	63,850	75,082	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	22,867	31,547	32,940	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	30,327	49,922	59,044	No	No	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	33,252	57,357	65,814	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,839	34,353	37,472	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	34,471	43,578	45,117	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	27,509	57,842	71,256	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	28,453	32,449	30,314	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	35,200	61,650	71,556	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	23,985	61,196	60,856	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	28,489	55,344	60,926	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,046	43,757	43,984	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	28,453	32,449	30,314	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	28,453	32,449	30,314	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	38,400	59,304	79,464	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	28,453	32,449	30,314	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	20,972	57,341	56,784	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	20,972	57,341	56,784	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	20,972	57,341	56,784	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	34,244	68,432	81,648	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	31,200	65,340	77,936	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	36,894	73,116	87,077	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	39,005	68,668	81,139	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	38,707	57,499	66,444	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	36,709	53,927	63,252	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	31,782	47,864	58,094	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
27-3099	Media and Communication Workers, All Other	19,980	44,617	55,216	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	29,731	47,504	54,772	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	25,752	60,572	80,032	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	25,544	64,011	95,251	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	28,331	46,553	57,294	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	23,879	43,194	52,437	No	No	No	Some college, no degree	No	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	28,718	55,783	61,611	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	31,556	63,639	63,824	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	26,375	63,567	87,458	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	46,875	91,206	99,168	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	99,214	173,233	210,608	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	49,624	214,733	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	66,514	161,472	201,120	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	49,624	214,733	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	49,624	214,733	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	42,266	61,842	72,800	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	56,574	125,721	170,731	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	62,555	120,861	134,404	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	44,693	104,996	131,029	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	29,256	123,516	175,813	No	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	63,658	86,280	96,531	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	67,242	90,692	100,443	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	66,288	85,137	96,036	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	29,646	51,121	55,494	No	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	52,700	67,751	74,728	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	63,098	82,219	96,178	Yes	Yes	Yes	Master's degree	Yes	No	Yes
29-1128	Exercise Physiologists	37,428	50,115	53,591	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	33,489	58,655	72,645	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	76,390	114,298	132,143	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1141	Registered Nurses	54,930	71,510	78,621	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	143,479	175,748	175,379	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	59,628	92,285	106,011	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	95,738	115,550	124,845	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	52,324	71,240	92,641	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	98,246	283,382	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	232,081	591,966	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	58,825	245,586	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	194,564	327,706	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	95,705	310,934	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	58,825	245,586	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	88,185	259,548	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	133,420	328,291	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	163,727	205,423	225,049	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	93,910	240,570	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	50,578	211,833	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	48,065	287,586	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	128,789	265,643	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	96,366	207,431	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	61,404	302,701	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	61,404	302,701	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	212,153	507,874	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	27,395	47,763	51,570	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	60,803	71,858	77,339	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	29,870	52,410	67,922	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	31,320	54,202	65,097	No	Yes	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	29,065	56,087	75,669	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	55,940	68,573	76,378	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	67,309	81,272	86,625	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	42,206	59,108	64,412	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	60,247	70,444	76,169	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	95,431	120,729	134,209	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	27,668	31,263	33,904	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	39,059	43,745	49,876	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	22,502	29,294	31,675	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	29,279	36,950	39,389	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	28,168	36,296	44,019	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	36,400	48,048	49,900	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	28,019	36,941	43,053	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	28,143	37,691	44,374	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	39,683	49,467	52,333	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	28,565	44,701	51,037	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	30,160	49,473	58,024	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	69,293	90,928	109,775	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2092	Hearing Aid Specialists	29,474	50,124	63,293	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	31,188	41,631	45,330	No	No	No	Postsecondary nondegree award	Yes	No	No
29-9021	Health Information Technologists and Medical Registrars	31,899	53,218	63,623	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	49,454	53,938	59,304	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-9092	Genetic Counselors	48,594	83,858	97,282	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	32,459	58,126	67,856	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	27,145	49,443	60,921	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	21,695	26,850	28,296	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	24,888	30,403	31,853	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	24,093	29,556	32,539	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	25,355	30,740	32,714	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	48,367	66,412	74,214	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	28,283	52,920	64,540	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	48,319	64,095	72,226	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	21,954	29,719	31,987	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	25,944	48,445	56,184	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	34,071	40,734	44,867	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	29,549	35,341	37,836	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	32,351	39,521	43,042	No	No	No	High school diploma or equivalent	Yes	No	No
31-9094	Medical Transcriptionists	28,267	38,190	40,028	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,208	29,250	35,883	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	22,573	31,385	34,975	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	29,465	38,144	39,004	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	24,116	35,012	44,539	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	42,099	47,052	48,755	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	55,474	80,153	84,994	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	47,292	60,655	65,666	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	29,180	47,935	63,814	No	No	Yes	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	32,240	52,478	59,467	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	23,672	38,966	47,333	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	38,363	59,552	72,834	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	52,580	86,466	97,613	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	27,565	52,306	61,602	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	35,812	46,024	47,819	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
33-3021	Detectives and Criminal Investigators	43,659	82,179	119,038	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	25,544	27,698	27,858	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	29,993	38,476	40,045	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	43,638	54,607	61,502	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
33-3052	Transit and Railroad Police	56,416	70,095	57,530	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	28,296	34,798	38,841	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	32,486	57,918	75,531	No	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	26,800	33,659	36,483	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	21,665	32,070	34,216	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	23,607	29,814	32,431	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,800	25,745	29,227	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	33,328	41,433	45,250	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	22,834	25,591	26,238	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	23,784	34,009	37,473	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	35,725	50,634	57,267	Yes	No	No	Associate's degree	No	No	No
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	28,206	38,224	45,347	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,772	25,723	27,319	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	22,780	30,031	33,416	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	30,560	55,603	68,517	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	23,400	30,545	34,401	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	23,246	30,278	33,063	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2019	Cooks, All Other	25,667	31,675	33,517	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	22,480	29,054	32,719	No	No	No	No formal educational credential	No	No	Yes
35-3011	Bartenders	20,800	32,842	37,105	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,567	24,499	26,829	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,800	30,504	34,221	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	21,846	26,773	28,694	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,809	28,083	32,364	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,216	25,137	27,628	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,896	26,355	28,759	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	22,811	25,607	27,458	No	No	No	No formal educational credential	Yes	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	28,486	41,923	48,102	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	33,765	53,249	61,560	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,925	27,300	29,244	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	22,104	27,501	28,477	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,088	28,737	31,363	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	30,274	39,919	45,837	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	27,235	32,352	34,055	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	22,510	35,488	44,639	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	29,120	32,278	29,120	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	31,174	54,536	66,930	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	27,523	47,136	54,071	No	No	No	Some college, no degree	No	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	28,125	45,957	55,034	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	28,159	30,468	29,361	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	21,721	29,080	29,886	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,282	33,252	44,910	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,244	27,018	29,067	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	19,649	30,598	35,576	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	30,059	36,332	40,621	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,623	24,622	26,836	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,800	25,361	27,533	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	24,429	39,242	45,665	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,406	28,614	31,287	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,001	27,386	27,433	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	30,862	44,107	49,416	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	29,360	37,418	44,721	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	22,341	28,803	31,902	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	32,761	52,439	61,035	No	Yes	Yes	Associate's degree	No	No	No
39-5011	Barbers	21,509	32,650	37,534	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	22,566	36,912	44,962	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	21,236	31,694	33,271	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,649	23,182	25,015	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	22,551	42,736	45,480	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	20,424	28,028	32,544	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	23,352	33,734	36,124	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	25,956	35,747	38,270	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	22,167	28,079	29,871	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	19,649	39,865	46,563	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	21,026	29,088	30,640	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	27,103	34,471	40,903	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	24,623	22,714	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,019	47,795	55,291	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	43,369	99,555	101,223	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,162	25,445	27,796	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,055	31,439	32,572	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	23,784	36,701	39,950	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	22,406	35,248	39,469	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	21,798	32,062	33,520	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	23,558	62,078	64,129	No	Yes	Yes	Some college, no degree	No	Yes	Yes
41-3021	Insurance Sales Agents	23,989	54,973	60,909	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	37,123	67,759	75,810	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	23,362	41,273	47,347	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	29,090	63,155	76,263	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	35,823	90,196	105,684	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	32,147	66,486	77,387	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,800	25,434	24,460	No	No	No	No formal educational credential	No	No	No
41-9012	Models	20,764	30,872	33,196	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	52,000	76,602	79,154	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	29,681	51,541	57,444	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	71,092	158,761	183,789	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	21,650	28,558	29,603	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,367	33,517	47,158	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	20,834	37,451	43,021	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	36,881	59,983	74,684	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	27,040	32,216	29,659	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	24,618	29,578	32,383	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	21,945	46,468	54,498	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	37,081	40,135	43,848	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	31,806	40,406	44,593	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,751	42,833	48,011	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	20,962	30,277	36,020	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	31,515	41,469	46,660	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,028	42,983	49,170	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	28,724	35,123	38,217	No	No	No	High school diploma or equivalent	No	No	No
43-3099	Financial Clerks, All Other	33,366	42,848	45,732	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	37,075	50,212	59,418	Yes	No	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	31,590	35,283	38,354	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	31,198	40,022	39,843	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	45,327	45,518	45,327	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	27,163	37,496	43,071	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	37,105	46,218	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	20,800	31,380	34,579	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	23,309	28,352	28,846	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	29,484	41,323	47,754	No	No	No	High school diploma or equivalent	Yes	No	No
43-4121	Library Assistants, Clerical	20,800	26,512	27,628	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	36,410	45,722	48,590	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
43-4141	New Accounts Clerks	34,254	41,027	44,437	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	29,389	52,227	65,690	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	32,796	41,671	46,649	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	21,840	30,285	34,387	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	24,674	48,554	70,340	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
43-4199	Information and Record Clerks, All Other	33,218	42,863	46,946	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	29,899	47,611	57,332	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	23,544	30,427	33,964	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	34,525	43,183	48,445	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	30,477	41,726	46,509	No	No	No	High school diploma or equivalent	Yes	No	No
43-5041	Meter Readers, Utilities	34,525	54,227	61,638	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5051	Postal Service Clerks	39,770	52,958	59,498	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	53,846	70,179	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	38,584	49,893	56,202	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	30,814	49,323	57,826	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	24,543	36,673	42,984	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	24,234	33,361	36,825	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	36,087	54,257	63,391	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	30,415	44,696	49,637	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	25,818	35,163	38,006	No	No	No	Some college, no degree	No	No	No

Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,000	36,600	42,135	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,437	33,029	35,461	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	26,294	32,083	39,728	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,287	47,271	57,124	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	29,718	41,118	44,260	No	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	22,832	33,895	37,907	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,358	37,367	43,646	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	24,208	35,428	41,606	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	26,640	32,931	34,490	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	33,498	43,436	48,150	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	27,678	38,864	43,927	No	No	No	Some college, no degree	Yes	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	28,775	52,250	65,277	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	25,544	37,012	39,364	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders										
45-2041	Graders and Sorters, Agricultural Products	21,085	24,854	25,856	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	24,788	34,348	36,530	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	21,501	26,611	27,726	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	25,289	33,970	40,659	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,292	33,706	39,601	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	25,289	33,970	40,659	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	30,919	39,922	47,101	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	36,984	43,937	49,690	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
45-4022	Logging Equipment Operators	26,989	38,807	45,883	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,085	24,854	25,856	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	39,308	42,595	44,097	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	42,942	64,027	73,929	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	19,649	44,258	53,846	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	28,805	40,220	47,633	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	27,537	43,908	54,517	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2031	Carpenters	30,248	43,022	46,472	No	No	No	Postsecondary nondegree award	No	No	No
47-2041	Carpet Installers	31,174	40,596	42,243	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	31,892	42,850	48,329	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	22,946	37,173	46,298	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	29,207	41,408	45,788	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	27,611	40,985	47,613	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	33,186	49,066	54,583	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	25,890	35,921	39,187	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	30,149	38,692	41,172	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	32,714	45,684	47,054	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	31,009	40,588	46,029	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	21,655	37,868	47,516	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,018	39,648	44,503	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,005	48,891	56,663	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	26,254	38,700	44,985	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	30,831	41,462	49,766	No	No	No	High school diploma or equivalent	Yes	No	No
47-2132	Insulation Workers, Mechanical	34,395	46,317	48,207	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	28,991	38,316	43,133	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,009	34,934	42,066	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	31,270	39,577	42,290	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	34,183	47,128	52,401	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	27,545	38,033	44,981	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	33,300	44,333	52,042	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	26,123	41,145	46,024	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	34,561	45,410	52,232	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2221	Structural Iron and Steel Workers	33,489	46,081	53,790	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	33,564	41,065	44,220	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	19,649	32,421	36,049	No	No	No	No formal educational credential	No	Yes	No
47-3012	Helpers—Carpenters	27,156	32,979	35,709	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	28,611	35,378	36,876	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	24,795	28,057	29,330	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	29,270	34,385	35,360	No	No	No	High school diploma or equivalent	Yes	No	No
47-3016	Helpers—Roofers	28,227	34,244	36,398	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	20,800	31,117	36,128	No	No	No	No formal educational credential	No	Yes	Yes
47-4011	Construction and Building Inspectors	35,454	53,480	64,446	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	37,713	84,733	109,584	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	27,499	37,881	43,955	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	28,642	41,071	47,765	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	28,823	33,947	37,753	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	42,576	51,806	58,815	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	28,879	45,023	52,448	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	27,252	39,120	44,166	No	No	No	High school diploma or equivalent	No	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas	38,675	51,003	53,298	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	35,265	51,296	58,985	Yes	No	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	31,297	43,285	49,151	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	32,922	46,676	48,518	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	50,219	66,949	77,161	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	25,941	38,023	42,066	No	No	No	No formal educational credential	Yes	Yes	Yes



Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	33,866	38,344	42,520	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	33,866	38,344	42,520	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	34,858	63,236	84,350	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	32,317	46,733	57,757	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers—Extraction Workers	27,764	33,177	36,398	No	No	No	High school diploma or equivalent	No	No	No
47-5099	Extraction Workers, All Other	26,262	42,350	41,395	No	No	No	High school diploma or equivalent	No	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	43,413	69,914	83,832	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	31,201	40,574	47,986	No	No	No	Postsecondary nondegree award	Yes	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,068	55,471	67,960	Yes	Yes	Yes	Associate's degree	No	No	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	28,764	54,679	64,410	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
49-2091	Avionics Technicians	36,247	64,691	74,138	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	29,086	43,105	48,188	No	No	No	High school diploma or equivalent	No	No	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	37,862	53,147	60,100	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	42,077	61,216	72,030	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	37,730	72,220	93,456	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	31,372	41,906	45,892	No	No	No	Postsecondary nondegree award	Yes	No	No
49-2097	Audiovisual Equipment Installers and Repairers	36,096	44,513	47,763	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2098	Security and Fire Alarm Systems Installers	31,200	44,432	50,785	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3011	Aircraft Mechanics and Service Technicians	43,717	65,342	75,698	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-3021	Automotive Body and Related Repairers	35,603	46,725	47,134	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
49-3022	Automotive Glass Installers and Repairers	31,675	43,710	51,777	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3023	Automotive Service Technicians and Mechanics	28,151	45,735	58,874	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	37,227	53,341	60,407	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	29,219	44,976	46,780	No	No	No	High school diploma or equivalent	No	Yes	No
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	36,781	57,216	73,206	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	35,378	50,795	56,482	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	30,160	47,857	58,537	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3052	Motorcycle Mechanics	28,161	43,455	55,745	No	No	No	High school diploma or equivalent	No	No	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	25,334	36,188	41,115	No	No	No	High school diploma or equivalent	No	No	No
49-3091	Bicycle Repairers	22,162	34,547	41,263	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	28,888	45,930	57,918	No	No	No	High school diploma or equivalent	No	Yes	Yes
49-3093	Tire Repairers and Changers	27,169	31,898	34,997	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	29,474	43,493	51,352	No	No	No	High school diploma or equivalent	Yes	No	Yes
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	32,194	53,101	56,662	No	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	34,315	47,905	57,871	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9031	Home Appliance Repairers	28,860	40,499	45,244	No	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	37,278	57,753	65,169	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9043	Maintenance Workers, Machinery	36,090	51,508	54,394	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9044	Millwrights	26,230	55,920	64,784	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons	24,713	32,752	36,011	No	No	No	High school diploma or equivalent	No	No	No
49-9051	Electrical Power-Line Installers and Repairers	45,972	73,704	94,112	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	34,800	48,557	54,647	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	38,023	50,530	56,368	Yes	No	No	Associate's degree	Yes	No	No
49-9062	Medical Equipment Repairers	30,988	50,031	65,645	No	No	Yes	Associate's degree	No	No	Yes
49-9063	Musical Instrument Repairers and Tuners	26,951	39,676	48,679	No	No	No	High school diploma or equivalent	No	No	No
49-9064	Watch and Clock Repairers	23,399	27,839	27,159	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	38,325	54,517	62,386	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	27,503	40,614	46,502	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians	45,628	64,351	74,601	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	20,819	36,690	46,201	No	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	37,362	50,323	53,903	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9094	Locksmiths and Safe Repairers	37,206	42,112	38,861	Yes	No	No	High school diploma or equivalent	Yes	No	No
49-9095	Manufactured Building and Mobile Home Installers	20,650	29,200	36,946	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	31,680	39,266	38,016	No	No	No	High school diploma or equivalent	Yes	No	No
49-9097	Signal and Track Switch Repairers	44,655	59,835	67,563	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers—Installation, Maintenance, and Repair Workers	20,800	31,380	36,846	No	No	No	High school diploma or equivalent	No	No	No
49-9099	Installation, Maintenance, and Repair Workers, All Other	28,716	40,298	45,016	No	No	No	High school diploma or equivalent	No	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	38,586	69,526	86,880	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	31,240	44,466	52,760	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-2021	Coil Winders, Tapers, and Finishers	31,401	43,001	45,816	No	No	No	High school diploma or equivalent	Yes	No	No
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	25,208	39,963	49,447	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	31,807	41,065	45,590	No	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	30,225	41,348	49,154	No	No	No	High school diploma or equivalent	Yes	No	No
51-2051	Fiberglass Laminators and Fabricators	27,887	36,686	41,019	No	No	No	High school diploma or equivalent	No	No	No
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	26,002	33,527	36,916	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	22,012	29,454	34,619	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	22,829	36,857	43,708	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	23,902	35,251	38,550	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughterers and Meat Packers	25,147	26,441	27,443	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	23,513	35,000	34,367	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3092	Food Batchmakers	21,510	31,448	35,897	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	23,721	30,248	33,498	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	22,700	30,078	33,687	No	No	No	No formal educational credential	Yes	Yes	Yes
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	29,493	38,250	42,406	No	No	No	High school diploma or equivalent	Yes	No	No

Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	28,671	37,872	43,256	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	28,982	39,610	42,784	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	26,904	36,379	41,660	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,491	53,166	78,984	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	24,543	32,232	34,339	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,394	36,785	45,193	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	29,795	39,837	43,625	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	33,469	45,828	52,000	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	36,993	47,167	48,046	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	28,198	44,088	53,468	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-4061	Model Makers, Metal and Plastic	31,231	49,189	57,247	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	25,516	47,734	73,760	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	21,992	37,985	51,938	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	25,997	34,943	37,570	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,075	41,502	53,162	No	No	No	High school diploma or equivalent	No	No	Yes
51-4111	Tool and Die Makers	36,974	55,065	62,131	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	31,980	42,291	47,074	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	28,104	35,605	38,722	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23,579	38,524	44,777	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	32,081	45,136	49,737	No	No	No	High school diploma or equivalent	Yes	Yes	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	28,425	38,032	42,387	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,016	34,811	36,748	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	27,650	36,908	43,294	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	30,012	42,633	46,591	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	25,077	35,956	37,746	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	25,572	36,946	43,710	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	21,625	25,793	27,937	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	22,521	27,055	27,868	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	20,800	30,156	35,698	No	No	No	No formal educational credential	No	Yes	Yes
51-6041	Shoe and Leather Workers and Repairers	22,256	31,155	35,170	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	20,830	28,151	28,699	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	27,018	33,422	35,132	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	21,803	26,111	26,687	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	26,215	31,344	34,395	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,073	29,984	32,648	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	21,982	31,731	36,068	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	31,920	55,613	79,097	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	25,516	47,734	73,760	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	29,413	37,896	40,746	No	No	No	High school diploma or equivalent	Yes	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	25,846	32,279	36,001	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	28,958	38,790	45,105	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	24,254	37,561	46,299	No	No	No	High school diploma or equivalent	No	No	No
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	24,713	32,752	36,011	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	23,152	29,641	34,463	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,016	30,806	31,136	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	45,864	72,362	91,614	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	50,700	83,849	97,981	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	45,864	72,362	91,614	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	45,571	59,514	64,351	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	32,430	46,687	55,984	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	39,525	58,551	63,387	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	32,657	49,236	59,533	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	45,798	59,439	74,893	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	38,108	54,706	61,328	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	28,573	52,212	68,038	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	29,945	41,447	49,149	No	No	No	High school diploma or equivalent	Yes	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,630	39,223	44,409	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	26,904	33,602	36,540	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	26,564	37,229	42,340	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	20,736	33,687	37,843	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	29,111	35,735	38,042	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	26,186	36,105	42,680	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	28,973	37,107	41,651	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	30,146	52,657	65,287	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	23,787	46,260	54,073	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	28,828	48,324	52,832	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 1

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	26,819	38,080	47,130	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	27,248	33,604	35,220	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	21,812	33,838	37,966	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,825	33,933	40,120	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	30,138	43,356	46,460	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians										
51-9151	Photographic Process Workers and Processing Machine Operators	22,115	33,441	36,011	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	31,309	42,233	47,334	No	No	No	Postsecondary nondegree award	Yes	No	No
51-9162	Computer Numerically Controlled Tool Programmers	34,745	56,775	66,240	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	21,982	31,731	36,068	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	24,618	34,065	44,655	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,082	43,228	46,043	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	27,613	32,931	36,294	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	29,458	34,917	35,267	No	No	No	High school diploma or equivalent	Yes	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	27,565	42,019	49,501	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	27,433	35,501	38,363	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	28,080	38,139	48,681	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	25,756	36,110	41,414	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	35,765	53,931	58,834	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	33,695	53,912	64,515	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	81,994	103,311	115,523	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
53-2012	Commercial Pilots	52,000	93,830	140,583	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	75,536	119,369	148,549	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	75,536	119,369	148,549	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	33,262	65,447	74,733	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	24,325	28,964	30,749	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	34,457	42,394	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	32,906	45,715	50,171	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	22,790	39,610	43,706	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	29,855	33,621	36,170	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	28,285	37,134	39,817	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	22,344	29,635	31,452	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,715	29,937	30,173	No	No	No	No formal educational credential	No	Yes	No
53-3099	Motor Vehicle Operators, All Other	21,645	29,238	33,577	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	53,459	64,937	70,151	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	30,418	50,993	49,123	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	36,965	55,896	58,466	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	59,864	67,572	70,198	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	27,603	39,449	49,548	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	38,977	39,629	38,987	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	27,509	43,020	47,460	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	35,454	60,099	76,863	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	26,914	42,916	50,294	No	No	No	Postsecondary nondegree award	No	No	Yes
53-5031	Ship Engineers	68,555	92,852	103,337	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,748	30,267	34,367	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	20,940	25,759	27,059	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	22,946	31,258	35,592	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	28,151	34,924	35,293	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	30,148	46,902	54,526	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	59,849	80,198	87,551	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,103	30,787	35,982	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,649	29,039	30,768	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	27,906	32,714	33,829	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	34,184	57,161	69,144	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	33,734	44,711	46,563	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	30,475	47,753	48,934	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	28,876	37,433	39,669	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	21,548	29,041	31,853	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,702	33,335	38,056	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,433	35,501	38,363	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	21,699	24,641	24,862	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,321	31,533	34,746	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,001	34,594	32,138	No	No	No	High school diploma or equivalent	No	No	No
53-7072	Pump Operators, Except Wellhead Pumps	31,004	43,606	48,953	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-7073	Wellhead Pumps	29,001	34,594	32,138	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	29,772	41,182	49,749	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	40,961	57,086	57,965	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	27,868	33,586	36,443	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 1

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	32,915	51,745	58,820	820
No formal educational credential	22,630	29,832	32,645	82
High school diploma or equivalent	29,229	43,584	49,915	232
Some college, no degree	27,609	40,227	45,168	49
Postsecondary nondegree award	30,425	43,052	49,349	89
Associate's degree	37,457	54,494	61,776	68
Bachelor's degree	44,657	79,183	92,992	184
Master's degree	56,908	82,275	92,950	43
Doctoral or professional degree	68,272	142,768	142,958	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	490	330	468	352	464	356
No formal educational credential	37.80%	62.20%	31.71%	68.29%	32.93%	67.07%
High school diploma or equivalent	67.24%	32.76%	75.86%	24.14%	79.31%	20.69%
Some college, no degree	34.69%	65.31%	28.57%	71.43%	30.61%	69.39%
Postsecondary nondegree award	43.82%	56.18%	33.71%	66.29%	34.83%	65.17%
Associate's degree	67.65%	32.35%	39.71%	60.29%	38.24%	61.76%
Bachelor's degree	60.33%	39.67%	64.13%	35.87%	60.33%	39.67%
Master's degree	79.07%	20.93%	65.12%	34.88%	58.14%	41.86%
Doctoral or professional degree	76.71%	23.29%	67.12%	32.88%	61.64%	38.36%

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	71,628	245,490	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	37,594	99,312	122,678	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	74,744	119,617	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	50,745	109,534	132,222	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	72,102	155,111	202,265	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	49,668	134,008	179,982	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	59,551	104,021	122,116	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	62,199	118,160	143,867	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	31,529	93,819	119,089	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3013	Facilities Managers	38,210	81,774	100,235	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-3021	Computer and Information Systems Managers	95,070	152,908	175,676	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	63,873	154,084	165,526	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	65,163	112,327	133,557	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	63,557	112,346	130,104	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	47,032	106,021	126,591	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3111	Compensation and Benefits Managers	69,851	116,450	145,844	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	76,491	119,114	131,444	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	71,055	137,592	174,837	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,089	84,849	118,542	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-9021	Construction Managers	57,432	113,106	125,802	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	30,940	50,994	54,595	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	60,373	85,290	98,466	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	58,082	96,838	99,493	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	49,288	97,543	119,517	Yes	Yes	Yes	Master's degree	No	Yes	Yes
11-9041	Architectural and Engineering Managers	103,288	153,988	172,859	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	37,897	79,484	101,381	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	58,941	113,145	114,339	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	37,638	74,460	82,987	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	33,002	73,066	90,600	No	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	55,682	116,956	121,826	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	60,174	108,437	119,517	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	72,640	88,011	96,293	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	33,905	60,316	67,250	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	44,204	70,538	77,643	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	47,860	85,967	102,741	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9171	Funeral Home Managers	44,727	77,293	78,315	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	45,806	74,866	90,122	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	56,156	114,297	134,230	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	28,649	91,899	149,723	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	40,241	79,902	98,016	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	41,267	68,300	79,435	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	47,249	65,714	75,124	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	37,579	67,082	79,352	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	28,939	62,734	79,282	No	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	36,982	67,375	81,540	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors										
13-1075	Labor Relations Specialists	39,157	74,522	95,395	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	54,725	87,770	104,639	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-1082	Project Management Specialists	50,454	95,801	121,125	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	42,577	100,937	116,376	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	28,996	47,645	60,270	No	No	No	Bachelor's degree	No	No	No
13-1131	Fundraisers	32,203	62,680	79,904	No	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	38,408	57,885	60,656	Yes	No	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	32,187	68,783	85,661	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	31,274	68,082	81,816	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	47,419	84,581	100,526	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	40,827	78,250	97,415	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	29,995	57,759	65,661	No	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	54,725	79,826	89,939	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	45,662	68,063	68,598	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2051	Financial and Investment Analysts	58,859	84,608	93,560	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	35,722	99,565	114,317	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	44,641	69,306	81,620	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	51,968	105,053	122,143	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	42,673	75,019	91,966	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	32,575	46,962	47,268	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	23,998	66,348	81,329	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	28,933	36,421	34,929	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	22,449	44,717	60,623	No	No	No	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	37,291	82,629	100,526	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	64,636	111,075	136,341	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	76,133	110,975	129,285	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	79,822	112,686	122,678	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	43,874	73,875	82,187	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	34,189	60,318	72,688	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	78,814	115,281	129,793	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	59,360	99,451	122,243	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	83,536	114,298	132,380	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	59,522	97,442	119,752	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	47,414	88,676	103,842	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1252	Software Developers	65,602	113,562	133,199	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	61,384	103,141	120,796	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	39,388	107,774	129,058	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1255	Web and Digital Interface Designers	43,470	77,527	94,427	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	66,206	92,551	103,168	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
15-2011	Actuaries	67,816	119,736	129,069	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	38,212	90,800	124,866	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	59,636	101,101	119,517	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2041	Statisticians	38,899	80,072	96,991	Yes	Yes	Yes	Master's degree	No	No	Yes
15-2051	Data Scientists	56,712	100,053	115,734	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	38,899	80,072	96,991	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	52,438	98,300	103,182	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-1012	Landscape Architects	36,530	63,966	73,462	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	42,272	65,753	77,331	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	34,866	62,399	78,312	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	66,578	104,243	125,460	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	56,811	94,383	118,227	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	64,367	104,251	128,238	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	55,221	114,216	131,379	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	63,669	97,923	113,881	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	62,431	104,999	126,355	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	66,477	108,629	122,678	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	58,966	91,301	106,954	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	53,310	81,492	101,866	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2112	Industrial Engineers	64,161	97,807	114,151	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	49,226	74,522	87,638	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	54,299	88,737	108,712	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
17-2141	Mechanical Engineers	60,927	93,716	106,954	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	44,364	92,405	103,936	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
17-2161	Nuclear Engineers	77,474	111,664	121,026	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	64,195	125,420	150,468	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	79,352	120,331	141,627	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	36,507	56,362	62,882	Yes	Yes	No	Associate's degree	No	No	No
17-3012	Electrical and Electronics Drafters	44,192	55,970	65,800	Yes	Yes	Yes	Associate's degree	Yes	No	No
17-3013	Mechanical Drafters	33,246	55,196	67,890	No	No	Yes	Associate's degree	No	No	Yes
17-3019	Drafters, All Other	34,925	52,980	60,241	Yes	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	57,059	71,945	84,740	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	36,404	49,248	56,784	Yes	No	No	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	60,258	72,880	81,661	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	71,419	77,795	77,770	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	29,987	44,144	49,895	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	46,818	65,286	73,600	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	47,507	58,465	64,958	Yes	Yes	Yes	Associate's degree	Yes	No	No
17-3028	Calibration Technologists and Technicians	37,440	58,206	83,135	Yes	Yes	Yes	Associate's degree	No	No	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	47,756	77,326	86,070	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,674	45,856	54,922	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	35,651	77,990	116,278	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	37,906	75,267	103,687	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1013	Soil and Plant Scientists	38,068	79,337	98,949	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1021	Biochemists and Biophysicists	38,307	83,894	105,731	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	34,782	57,203	70,071	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	32,270	51,232	55,254	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	43,680	60,927	77,230	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	28,995	57,123	79,352	No	Yes	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	35,709	57,709	67,959	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	55,292	83,215	97,927	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	66,559	175,800	118,848	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	53,888	82,757	88,441	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	74,417	152,216	213,526	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	74,417	152,216	213,526	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	59,801	80,197	86,396	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	51,647	115,464	144,726	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2032	Materials Scientists	65,791	110,957	129,805	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	37,440	69,673	81,776	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	46,083	88,068	106,104	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-2043	Hydrologists	41,402	65,160	77,713	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	43,236	103,171	127,827	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	57,871	91,908	112,046	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	50,535	96,274	122,096	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	71,102	122,363	148,070	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	37,916	88,927	129,733	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	43,647	70,968	78,105	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	47,048	96,074	115,246	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,038	56,076	48,576	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	50,608	76,769	82,100	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	38,269	60,250	71,274	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	53,888	82,757	88,441	Yes	Yes	Yes	Master's degree	No	No	No
19-3093	Historians	34,390	68,695	93,504	Yes	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	36,740	91,756	124,570	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	60,195	83,939	100,526	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	28,706	38,183	44,325	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	31,123	50,420	69,459	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	35,663	46,609	50,690	Yes	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	30,636	49,035	59,390	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	37,650	53,505	62,000	Yes	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,244	38,890	42,491	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	34,496	53,917	64,482	Yes	No	Yes	Associate's degree	No	No	No
19-4051	Nuclear Technicians	37,352	60,670	77,015	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	29,394	47,115	54,108	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	35,404	52,857	60,195	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	35,842	58,263	71,523	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	38,492	66,680	78,333	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	40,423	75,197	89,939	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	38,536	59,553	66,393	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	36,863	55,593	60,629	Yes	Yes	No	Master's degree	No	No	No
21-1013	Marriage and Family Therapists	32,510	38,305	45,049	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	24,416	40,063	36,997	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	34,740	52,264	63,595	Yes	No	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	29,069	40,753	43,867	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	35,318	43,994	46,275	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	32,770	51,151	59,301	No	No	No	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	31,092	49,021	70,306	No	No	Yes	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	30,569	58,468	84,635	No	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	37,128	50,918	49,943	Yes	No	No	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	34,944	43,080	45,951	Yes	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	27,040	38,439	45,962	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	26,861	42,192	47,395	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	20,800	60,246	65,609	No	Yes	Yes	Bachelor's degree	No	No	No
21-2011	Clergy	28,834	52,726	63,383	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	28,429	51,528	61,951	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	27,990	46,274	58,301	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	55,266	115,216	133,346	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	38,403	44,169	46,176	Yes	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	40,734	89,530	111,177	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	40,734	89,530	111,177	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	31,117	50,109	59,766	No	No	No	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	36,113	55,775	71,080	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	29,131	79,842	126,006	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	45,281	82,031	93,695	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	46,083	87,027	107,843	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	45,606	72,659	86,072	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,075	98,376	123,347	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	44,956	86,291	118,714	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary										
25-1042	Biological Science Teachers, Postsecondary	50,296	85,279	95,615	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary										
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	44,727	61,463	59,553	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	38,154	78,047	93,743	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	42,549	69,163	86,224	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	45,835	61,607	60,881	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	44,727	81,496	95,749	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	46,456	64,052	73,538	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	44,946	56,916	52,254	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	44,727	61,463	59,553	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	43,399	61,110	56,429	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	45,586	78,267	89,023	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	45,777	96,398	115,132	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	44,316	62,361	73,376	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	45,481	89,721	97,296	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
25-1072	Nursing Instructors and Teachers, Postsecondary	46,093	76,576	90,533	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	36,244	71,389	81,954	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	46,312	70,940	78,171	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	40,867	55,665	58,206	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	43,351	135,049	199,694	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary										
25-1121	Art, Drama, and Music Teachers, Postsecondary	44,870	83,664	94,125	Yes	Yes	Yes	Master's degree	No	No	No
25-1122	Communications Teachers, Postsecondary	43,924	76,557	94,965	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	42,482	65,657	75,200	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	39,272	64,931	75,391	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	40,179	53,200	46,819	Yes	No	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	43,552	64,453	75,544	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	36,244	71,389	81,954	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	42,081	71,800	75,735	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	30,003	52,052	64,408	No	No	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	35,489	62,887	74,178	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,999	30,015	30,453	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	41,985	56,353	63,641	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	43,619	56,591	65,074	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	46,716	55,623	60,657	Yes	Yes	No	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	45,539	62,935	71,322	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	46,922	57,841	59,647	Yes	Yes	No	Bachelor's degree	No	No	No
25-2032	Career/Technical Education Teachers, Secondary School	45,137	59,849	64,874	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	36,158	57,575	73,424	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	42,004	55,197	62,151	Yes	No	No	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	44,975	60,862	75,067	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	47,368	66,460	76,280	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2059	Special Education Teachers, All Other	27,742	56,725	76,939	No	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	35,709	54,948	70,758	Yes	No	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	21,770	39,782	48,122	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	23,107	34,133	37,293	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	22,369	38,104	46,494	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	29,725	65,755	81,661	No	Yes	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	28,057	44,927	53,649	No	No	No	Master's degree	No	No	No
25-4012	Curators	30,101	54,022	67,558	No	No	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	28,563	45,080	53,745	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	36,005	56,783	74,925	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	24,105	31,318	30,969	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,133	45,262	55,655	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	45,789	74,848	94,284	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,243	31,448	39,129	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,947	27,763	29,870	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	23,233	46,265	60,518	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	47,449	84,801	95,596	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1012	Craft Artists	20,309	32,795	37,820	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,261	45,137	45,481	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	44,220	63,307	72,659	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,287	48,672	56,601	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	22,595	70,442	85,609	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	35,757	64,568	75,926	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	25,052	34,903	36,280	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	31,612	56,846	65,539	No	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	37,170	60,876	68,171	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	27,513	36,951	41,391	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	34,859	44,068	45,625	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	27,818	58,492	72,058	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	28,773	32,814	30,655	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	38,941	72,455	97,614	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,255	61,884	61,540	No	Yes	No	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	29,671	68,573	81,280	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,271	44,249	44,478	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	28,773	32,814	30,655	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	28,773	32,814	30,655	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	30,330	67,023	79,576	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	28,773	32,814	30,655	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,207	57,986	57,422	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,207	57,986	57,422	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,207	57,986	57,422	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	34,629	69,201	82,566	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	36,099	80,505	90,482	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	44,869	79,196	103,719	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	55,270	79,983	84,260	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	51,618	74,110	87,494	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3091	Interpreters and Translators	30,359	51,614	69,650	No	No	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	37,659	55,869	65,666	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,204	45,118	55,837	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	30,673	58,610	82,763	No	Yes	Yes	Associate's degree	No	No	Yes
27-4012	Broadcast Technicians	26,041	61,253	80,932	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	25,831	64,730	96,322	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	28,649	47,077	57,938	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	24,764	44,705	62,788	No	No	No	Some college, no degree	No	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	29,041	56,410	62,304	No	Yes	No	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	31,677	52,856	62,094	No	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	26,672	64,281	88,441	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	40,136	83,855	99,367	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	46,410	124,120	156,895	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1022	Oral and Maxillofacial Surgeons	50,181	217,147	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	67,262	163,288	203,381	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	50,181	217,147	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	50,181	217,147	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*



Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	44,720	70,918	81,338	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	38,373	110,466	164,657	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	63,534	117,479	138,754	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	81,857	114,413	137,935	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	29,585	124,904	177,789	No	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	72,821	93,502	100,763	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	60,047	92,312	101,525	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	60,804	81,706	85,852	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	29,108	51,853	60,307	No	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	55,119	65,533	74,348	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	60,244	85,761	102,581	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	37,849	50,678	54,194	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	33,865	59,314	73,462	No	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	50,235	114,470	130,312	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	53,226	73,537	80,555	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	116,851	166,593	191,249	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	60,298	93,322	107,203	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	77,431	109,566	118,351	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	59,218	90,781	102,627	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	99,350	286,568	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	172,373	409,638	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	59,486	248,347	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	196,752	331,390	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	177,459	250,878	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	59,486	248,347	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	89,176	262,466	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	59,486	248,347	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	110,876	199,088	227,579	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	94,965	243,274	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	54,781	240,342	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	48,605	290,819	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	94,156	288,021	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	97,449	209,763	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	62,094	306,104	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	62,094	306,104	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	62,094	306,104	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	27,703	48,299	52,149	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	56,774	71,233	79,042	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	30,206	52,999	68,685	No	No	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	31,514	56,882	66,139	No	Yes	Yes	Associate's degree	No	No	No
29-2031	Cardiovascular Technologists and Technicians	34,982	60,696	75,452	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	53,690	70,800	78,580	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	68,073	81,265	86,481	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	39,620	55,629	63,676	Yes	Yes	Yes	Associate's degree	No	No	No
29-2035	Magnetic Resonance Imaging Technologists	52,915	65,882	73,799	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	96,503	122,086	135,718	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	30,377	49,197	59,290	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2043	Paramedics	36,212	58,328	81,555	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	22,755	29,624	32,031	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,673	37,823	43,592	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	23,935	36,538	38,652	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	37,324	48,991	51,981	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-2056	Veterinary Technologists and Technicians	29,229	37,245	39,320	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	28,689	41,594	47,105	No	No	No	Postsecondary nondegree award	Yes	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	31,218	48,622	56,588	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2072	Medical Records Specialists	30,206	43,960	48,298	No	No	No	Postsecondary nondegree award	Yes	No	No
29-2081	Opticians, Dispensing	30,938	52,793	62,287	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	40,734	79,748	92,711	Yes	Yes	Yes	Master's degree	No	No	No
29-2092	Hearing Aid Specialists	29,805	50,688	64,004	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	31,408	43,388	47,187	No	No	No	Postsecondary nondegree award	Yes	No	No
29-9021	Health Information Technologists and Medical Registrars	24,910	39,030	35,248	No	No	No	Postsecondary nondegree award	No	No	No
29-9091	Athletic Trainers	37,896	52,665	58,569	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	49,140	84,801	98,376	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	35,199	44,258	45,964	Yes	No	No	Postsecondary nondegree award	Yes	No	No
29-9099	Healthcare Practitioners and Technical Workers, All Other	30,111	62,992	68,561	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,072	28,479	31,092	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	25,831	32,492	35,049	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	23,949	29,327	31,391	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	25,640	31,085	33,082	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	50,554	64,176	70,605	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	28,601	53,515	65,265	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	30,058	63,058	70,682	No	Yes	Yes	Associate's degree	No	Yes	Yes
31-2022	Physical Therapist Aides	22,201	30,053	32,346	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	20,800	59,251	58,209	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	28,948	40,729	47,326	No	No	No	Postsecondary nondegree award	No	No	No
31-9092	Medical Assistants	30,665	36,646	37,763	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	26,284	38,675	49,791	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	22,925	29,277	30,162	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,583	32,528	38,107	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	26,768	32,211	35,854	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	30,368	37,585	38,381	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	28,934	46,565	54,725	No	No	No	High school diploma or equivalent	No	Yes	Yes
33-1011	First-Line Supervisors of Correctional Officers	40,218	51,748	50,630	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	44,936	72,718	82,547	Yes	Yes	Yes	Bachelor's degree	No	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	50,960	79,953	95,754	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	30,985	44,434	49,317	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	38,491	51,175	56,457	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	30,300	44,844	53,685	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	35,526	59,378	72,452	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	53,171	87,438	98,710	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	27,875	52,894	62,294	No	No	No	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	38,750	39,559	39,749	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	46,984	67,605	82,763	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	25,831	28,009	28,172	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	30,330	38,909	40,495	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	40,972	52,258	58,940	Yes	No	No	Associate's degree	No	No	No
33-3052	Transit and Railroad Police	57,050	70,883	58,177	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	27,035	38,164	42,224	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	33,280	52,072	57,885	No	No	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,102	34,037	36,893	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	24,905	36,400	38,491	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	25,289	29,733	30,555	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	21,737	29,857	30,700	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	21,130	37,968	43,098	No	No	No	High school diploma or equivalent	No	No	No
33-9094	School Bus Monitors	21,809	26,041	27,197	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	26,269	41,688	47,665	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	35,320	60,995	73,887	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	28,503	40,806	46,989	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	22,653	26,185	27,782	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	23,700	32,793	35,243	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	30,904	56,228	69,287	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	23,724	32,366	36,024	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	22,076	30,081	34,408	No	No	No	No formal educational credential	No	No	Yes
35-2019	Cooks, All Other	25,955	32,031	33,894	No	No	No	No formal educational credential	Yes	Yes	No
35-2021	Food Preparation Workers	23,348	30,267	34,315	No	No	No	No formal educational credential	Yes	No	Yes
35-3011	Bartenders	21,109	34,805	40,006	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,324	26,169	27,927	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,070	32,896	36,741	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	20,800	28,193	31,205	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,144	27,873	29,715	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,990	26,114	28,575	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,800	27,827	29,145	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	22,164	27,207	28,230	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,050	44,908	49,981	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	35,541	51,440	62,967	Yes	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,587	32,980	33,596	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,057	29,415	30,730	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,347	29,060	31,716	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	30,731	42,712	46,088	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	28,133	33,807	36,260	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	22,574	36,740	43,628	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	26,767	37,533	45,061	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	31,525	55,149	67,682	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	30,969	48,335	54,598	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	28,877	49,167	59,420	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	25,841	35,585	37,638	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,208	29,220	30,208	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,510	33,626	45,414	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,472	27,321	29,394	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	19,870	30,942	35,976	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	30,397	36,740	41,077	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20,481	25,172	27,102	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,208	28,555	33,280	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	24,704	39,683	46,179	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	27,758	32,057	34,307	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,249	27,694	27,742	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,209	44,602	49,971	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	29,690	37,839	45,223	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	22,593	29,127	32,260	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	33,129	53,028	61,721	No	No	No	Associate's degree	No	No	No
39-5011	Barbers	20,864	32,270	35,623	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,196	35,514	41,600	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	21,475	32,050	33,645	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,870	23,443	25,296	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	25,035	39,783	44,570	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	20,800	27,741	32,117	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	23,994	30,452	30,752	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	21,254	31,596	34,764	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	22,614	27,764	29,680	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	21,091	36,336	47,592	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	23,392	31,522	34,478	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	24,114	33,235	38,241	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	19,870	29,404	31,209	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,332	49,063	55,695	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	45,805	94,087	99,624	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,104	26,792	28,802	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,281	31,792	32,938	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	23,785	35,306	39,353	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	22,847	36,271	44,202	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,368	32,385	34,469	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	30,951	62,629	68,704	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	31,200	59,981	65,519	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	37,610	61,694	61,432	Yes	Yes	No	Bachelor's degree	Yes	No	No
41-3041	Travel Agents	23,434	39,534	47,352	No	No	No	Some college, no degree	No	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	31,728	69,576	83,104	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	48,459	106,621	150,323	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	31,557	69,326	80,960	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,800	32,218	38,059	No	No	No	No formal educational credential	No	Yes	No
41-9012	Models										
41-9021	Real Estate Brokers	50,169	74,564	109,833	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	30,875	54,654	64,277	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9031	Sales Engineers	46,599	117,950	153,534	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	20,520	29,939	31,410	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,596	33,894	47,688	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	21,073	35,568	35,936	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	36,928	58,417	68,308	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	26,119	32,955	34,769	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	24,895	29,910	32,747	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,191	46,991	55,111	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	30,579	40,062	47,713	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	29,840	41,040	46,991	No	No	No	High school diploma or equivalent	No	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,743	44,739	50,425	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,198	30,617	36,425	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	35,837	48,057	53,789	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	32,951	47,646	53,321	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	29,927	36,369	37,343	No	No	No	High school diploma or equivalent	No	No	No
43-3099	Financial Clerks, All Other	34,276	51,968	58,206	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	44,166	61,595	78,955	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	31,945	35,680	38,785	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	35,320	39,895	43,348	Yes	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	27,579	41,727	48,634	No	No	No	Some college, no degree	No	No	No
43-4051	Customer Service Representatives	26,525	36,683	39,334	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	41,288	49,701	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	28,916	34,807	34,608	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,104	29,365	30,056	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	30,385	36,403	38,189	No	No	No	High school diploma or equivalent	Yes	No	No
43-4121	Library Assistants, Clerical	22,910	28,390	28,211	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	29,701	44,184	50,098	No	No	No	High school diploma or equivalent	No	No	No
43-4141	New Accounts Clerks	34,639	41,488	44,937	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	25,983	35,075	38,675	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	27,465	42,528	47,119	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	23,594	31,597	35,257	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	28,661	36,094	35,522	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	35,069	45,959	50,690	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5011	Cargo and Freight Agents	30,235	48,147	57,977	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-5021	Couriers and Messengers	24,667	31,887	33,964	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	33,785	42,111	47,264	No	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	27,141	42,289	48,713	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	30,723	45,232	48,412	No	No	No	High school diploma or equivalent	Yes	No	No
43-5051	Postal Service Clerks	39,770	54,038	68,307	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	54,060	70,179	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	36,855	49,828	64,157	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	30,928	56,771	69,306	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	27,471	39,112	47,037	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	31,841	36,500	39,118	No	No	No	High school diploma or equivalent	Yes	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	37,779	60,080	69,612	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	31,723	45,005	47,157	No	No	No	Some college, no degree	Yes	Yes	No
43-6013	Medical Secretaries and Administrative Assistants	29,699	35,996	38,869	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	28,062	38,515	45,788	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,913	36,440	39,394	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	22,069	36,086	45,739	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,561	47,803	57,766	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	27,617	43,658	48,460	No	No	No	High school diploma or equivalent	No	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	22,956	33,043	36,960	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	26,189	39,844	45,909	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	22,198	37,050	42,619	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	26,939	33,301	34,878	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	33,875	43,924	48,691	No	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	33,047	43,579	49,213	No	No	No	Some college, no degree	Yes	Yes	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	29,098	52,837	66,011	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	25,831	37,428	39,807	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders										
45-2041	Graders and Sorters, Agricultural Products	21,322	25,134	26,146	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,067	34,734	36,941	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,457	30,837	33,797	No	No	No	No formal educational credential	Yes	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	25,573	34,352	41,116	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,520	34,085	40,046	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	25,573	34,352	41,116	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,267	40,371	47,631	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	37,400	44,431	50,248	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	27,293	39,243	46,398	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,322	25,134	26,146	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	39,750	43,074	44,593	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	40,148	67,462	82,153	Yes	Yes	Yes	Some college, no degree	Yes	Yes	No
47-2011	Boilermakers	19,870	44,755	54,452	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	29,033	42,035	49,242	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	27,847	44,402	55,130	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	31,200	43,575	48,625	No	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	19,870	32,470	35,594	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	32,251	43,332	48,873	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,204	37,591	46,819	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	30,283	43,905	47,134	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	28,954	43,699	49,689	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	33,559	49,618	55,197	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	28,309	37,491	43,483	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	31,674	41,621	45,438	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	33,082	46,198	47,583	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	31,187	42,995	47,968	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	21,274	37,170	45,930	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,321	40,094	45,004	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,481	52,143	60,394	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	27,321	40,094	45,004	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	27,971	41,546	46,160	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	34,782	46,838	48,748	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	30,144	40,244	44,554	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,324	35,327	42,539	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	31,793	38,329	44,663	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	33,321	48,607	56,630	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	25,707	39,931	45,185	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	33,674	44,832	52,627	No	No	No	High school diploma or equivalent	Yes	No	No
47-2181	Roofers	30,770	43,678	47,758	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	36,280	50,969	62,507	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2221	Structural Iron and Steel Workers	33,865	46,599	54,394	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	33,941	41,526	44,717	No	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	19,870	32,786	36,454	No	No	No	No formal educational credential	No	Yes	No
47-3012	Helpers—Carpenters	26,705	34,289	39,416	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	24,834	34,388	37,266	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	25,468	30,044	31,458	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	30,015	34,247	36,102	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	28,544	34,629	36,807	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	26,710	35,346	39,043	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	45,213	63,255	76,988	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	46,609	80,827	98,414	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	27,808	38,307	44,450	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	31,290	42,004	46,098	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	27,725	35,147	37,385	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	43,055	52,388	59,476	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	24,478	47,748	57,140	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	30,350	41,154	45,042	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas	39,110	51,576	53,897	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	35,661	51,872	59,648	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	31,649	43,771	49,704	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	33,292	47,201	49,064	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	50,783	67,701	78,028	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,232	38,450	42,539	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	34,247	38,775	42,998	Yes	No	No	No formal educational credential	Yes	Yes	
47-5049	Underground Mining Machine Operators, All Other	34,247	38,775	42,998	Yes	No	No	No formal educational credential	Yes	Yes	
47-5051	Rock Splitters, Quarry	35,250	63,947	85,298	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	32,680	47,258	58,406	No	No	No	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	28,076	33,550	36,807	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	26,557	42,826	41,861	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	43,857	67,560	84,241	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	32,329	43,409	56,332	No	No	No	Postsecondary nondegree award	Yes	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,473	56,095	68,724	Yes	Yes	Yes	Associate's degree	No	No	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	29,485	55,047	71,596	No	No	Yes	Postsecondary nondegree award	No	Yes	
49-2091	Avionics Technicians	48,245	71,055	78,028	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	29,413	43,590	48,729	No	No	No	High school diploma or equivalent	No	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	38,288	53,745	60,776	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	65,020	70,401	75,754	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	38,154	73,032	94,507	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	31,725	42,377	46,408	No	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	36,502	45,013	48,299	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	31,824	44,908	50,133	No	No	No	Postsecondary nondegree award	Yes	No	
49-3011	Aircraft Mechanics and Service Technicians	36,914	61,090	74,818	Yes	Yes	Yes	Associate's degree	No	Yes	
49-3021	Automotive Body and Related Repairers	36,342	53,332	47,256	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-3022	Automotive Glass Installers and Repairers	32,031	44,201	52,359	No	No	No	High school diploma or equivalent	Yes	No	
49-3023	Automotive Service Technicians and Mechanics	29,413	46,763	59,242	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	35,632	53,324	62,410	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	29,547	45,481	47,306	No	No	No	High school diploma or equivalent	No	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	40,438	56,396	70,990	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	35,776	51,366	57,117	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	29,561	47,866	58,688	No	No	No	Postsecondary nondegree award	No	Yes	
49-3052	Motorcycle Mechanics	28,477	43,943	56,372	No	No	No	High school diploma or equivalent	No	No	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	29,255	40,207	44,714	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	22,411	34,935	41,727	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	33,665	51,550	67,392	No	No	Yes	High school diploma or equivalent	Yes	Yes	
49-3093	Tire Repairers and Changers	27,176	32,060	35,107	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	29,805	43,982	51,930	No	No	No	High school diploma or equivalent	No	No	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	29,703	41,990	48,196	No	No	No	Postsecondary nondegree award	No	No	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	36,304	48,898	59,093	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	26,471	40,867	47,440	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	37,295	59,485	70,990	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	37,536	59,965	66,373	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	39,004	53,448	63,097	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons										
49-9051	Electrical Power-Line Installers and Repairers	42,523	68,893	80,849	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	33,283	53,955	69,451	No	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	38,450	51,098	57,002	Yes	No	No	Associate's degree	No	No	
49-9062	Medical Equipment Repairers	35,927	57,138	75,184	Yes	Yes	Yes	Associate's degree	No	Yes	
49-9063	Musical Instrument Repairers and Tuners	27,254	40,122	49,236	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	23,663	28,152	27,465	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	38,756	55,130	63,087	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	28,881	40,339	46,698	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians										
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	27,699	37,588	41,316	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	37,782	50,888	54,509	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	29,614	42,252	52,694	No	No	No	High school diploma or equivalent	No	No	
49-9095	Manufactured Building and Mobile Home Installers	20,883	29,528	37,361	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	31,802	49,436	57,403	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	45,157	60,508	68,322	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	28,310	35,886	37,055	No	No	No	High school diploma or equivalent	Yes	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	28,573	43,365	47,557	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	38,263	63,027	78,770	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	31,591	44,966	53,353	No	No	No	Postsecondary nondegree award	Yes	No	
51-2021	Coil Winders, Tapers, and Finishers	31,754	43,485	46,332	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	26,754	35,899	40,372	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	32,165	41,526	46,102	No	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	29,184	41,622	47,067	No	No	No	High school diploma or equivalent	No	No	
51-2051	Fiberglass Laminators and Fabricators	28,210	36,129	38,737	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	26,631	40,276	45,783	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	26,569	32,828	37,484	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	28,424	39,971	44,783	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	24,874	32,983	39,292	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	25,430	26,739	27,751	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	23,777	35,393	34,753	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	21,752	31,802	36,301	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	23,987	30,588	33,875	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	26,799	33,122	36,947	No	No	No	No formal educational credential	Yes	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	29,824	38,680	42,883	No	No	No	High school diploma or equivalent	No	No	

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	28,993	38,298	43,743	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	29,308	40,055	43,265	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	27,207	36,788	42,128	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,812	53,764	79,872	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	24,818	32,594	34,725	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,691	37,199	45,701	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30,130	40,285	44,115	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	36,820	52,201	62,112	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	37,409	47,698	48,586	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal										
51-4061	Model Makers, Metal and Plastic	31,582	49,742	57,891	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic										
51-4071	Foundry Mold and Coremakers	22,239	38,412	52,522	No	No	No	High school diploma or equivalent	No	No	No
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	24,129	36,557	38,425	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,805	36,368	36,788	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	49,491	67,194	77,482	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	33,280	47,345	54,582	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	28,420	36,005	39,157	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23,844	38,957	45,281	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	32,442	45,644	50,296	No	No	No	High school diploma or equivalent	Yes	No	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	28,745	38,460	42,864	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,309	35,202	37,161	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	27,961	37,323	43,781	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	30,350	43,112	47,115	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	24,016	32,772	36,774	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	25,860	37,361	44,201	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,360	28,489	31,200	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	22,774	27,360	28,181	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	20,800	27,439	31,732	No	No	No	No formal educational credential	No	No	No
51-6041	Shoe and Leather Workers and Repairers	22,507	31,505	35,565	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	21,064	28,468	29,022	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	27,321	33,798	35,527	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,048	26,404	26,987	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	26,509	31,697	34,782	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,366	30,321	33,015	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,230	32,088	36,473	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,279	56,238	79,986	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	25,802	48,271	74,589	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	26,805	36,320	40,972	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,137	32,642	36,406	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	32,215	42,754	47,249	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	29,385	43,724	51,395	No	No	No	High school diploma or equivalent	No	No	No
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	24,990	33,120	36,416	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	24,904	32,891	36,817	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,309	31,152	31,486	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	46,379	73,175	92,644	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	51,270	84,792	99,083	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	46,379	73,175	92,644	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	46,083	60,183	65,074	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	32,986	48,942	58,876	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	39,969	59,209	64,100	Yes	Yes	Yes	Associate's degree	No	Yes	No
51-8092	Gas Plant Operators	33,024	49,790	60,202	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	46,312	60,107	75,735	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	38,536	55,321	62,017	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	28,515	44,583	54,069	No	No	No	High school diploma or equivalent	No	No	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	29,940	43,495	52,731	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,930	39,664	44,908	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	27,207	33,980	36,951	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	26,863	37,648	42,816	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	20,969	34,066	38,269	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	27,350	37,065	42,434	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	26,481	36,511	43,160	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29,299	37,524	42,119	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	29,915	49,449	59,516	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	24,054	46,781	54,681	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	29,617	51,548	59,015	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 2

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	28,394	34,116	34,884	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	27,178	32,852	34,467	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	22,058	34,218	38,393	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	24,092	34,314	40,571	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	32,309	45,252	51,493	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	36,377	45,777	48,548	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9151	Photographic Process Workers and Processing Machine Operators	22,363	33,817	36,416	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	29,299	41,431	46,895	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	34,556	66,425	87,011	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	22,230	32,088	36,473	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	24,895	34,448	45,157	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,376	43,714	46,561	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	27,923	33,301	36,702	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	27,780	36,788	40,886	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	27,875	42,491	50,057	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders										
51-9198	Helpers—Production Workers	26,568	31,898	35,052	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	26,000	34,722	36,657	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	36,167	54,538	59,495	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	36,379	52,303	61,666	Yes	No	No	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	85,363	147,742	164,112	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
53-2012	Commercial Pilots	67,052	138,627	149,304	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	53,484	89,250	109,491	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	32,324	37,249	39,264	No	No	No	Some college, no degree	Yes	No	No
53-2031	Flight Attendants	33,636	66,182	75,573	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	24,599	29,289	31,095	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	31,259	38,637	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	29,377	44,113	48,369	No	No	No	Postsecondary nondegree award	No	No	No
53-3033	Light Truck Drivers	27,133	45,522	52,617	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	28,993	38,617	45,745	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	27,914	39,893	50,105	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	23,189	30,755	30,952	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,937	30,273	30,512	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	25,843	42,605	57,574	No	No	No	High school diploma or equivalent	No	No	Yes
53-4011	Locomotive Engineers	54,060	65,667	70,940	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	30,760	51,567	49,675	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	37,380	56,525	59,123	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	60,537	68,332	70,988	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	27,914	39,893	50,105	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	39,415	40,074	39,425	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	27,818	43,504	47,994	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	33,537	59,175	78,111	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	32,200	48,389	62,337	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-5031	Ship Engineers	69,325	93,895	104,499	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,003	30,607	34,753	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	20,800	27,007	31,200	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	25,647	31,233	36,023	No	No	No	No formal educational credential	Yes	No	Yes
53-6032	Aircraft Service Attendants	28,468	35,317	35,690	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	29,270	45,424	52,092	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	38,403	81,687	103,057	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,329	31,133	36,387	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,870	29,366	31,114	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	28,219	33,082	34,209	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	35,574	51,394	61,796	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,113	45,214	47,086	No	No	No	High school diploma or equivalent	Yes	No	No
53-7041	Hoist and Winch Operators	30,818	48,290	49,484	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	29,198	36,478	38,471	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,624	30,910	34,838	No	No	No	No formal educational credential	No	No	Yes
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,393	33,255	36,053	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,742	35,900	38,794	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	23,339	25,275	26,091	No	No	No	No formal educational credential	Yes	No	No
53-7065	Stockers and Order Fillers	25,095	32,812	36,601	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators										
53-7072	Pump Operators, Except Wellhead Pumpers	31,353	44,096	49,503	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumpers										
53-7081	Refuse and Recyclable Material Collectors	27,155	41,287	49,267	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	41,421	57,728	58,617	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	26,968	36,301	38,001	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 2

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	34,246	55,411	63,390	809
No formal educational credential	23,129	31,342	34,209	82
High school diploma or equivalent	30,279	45,932	53,052	227
Some college, no degree	28,768	43,214	49,544	49
Postsecondary nondegree award	30,870	46,976	54,025	88
Associate's degree	41,569	58,839	66,796	67
Bachelor's degree	49,059	89,598	104,973	183
Master's degree	55,641	84,346	96,686	43
Doctoral or professional degree	65,831	149,060	151,746	70

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	503	306	499	310	490	319
No formal educational credential	36.59%	63.41%	35.37%	64.63%	32.93%	67.07%
High school diploma or equivalent	72.25%	27.75%	81.06%	18.94%	81.50%	18.50%
Some college, no degree	30.61%	69.39%	32.65%	67.35%	38.78%	61.22%
Postsecondary nondegree award	42.05%	57.95%	42.05%	57.95%	40.91%	59.09%
Associate's degree	68.66%	31.34%	53.73%	46.27%	47.76%	52.24%
Bachelor's degree	66.12%	33.88%	66.67%	33.33%	66.67%	33.33%
Master's degree	76.74%	23.26%	65.12%	34.88%	60.47%	39.53%
Doctoral or professional degree	81.43%	18.57%	67.14%	32.86%	61.43%	38.57%



Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	27,042	159,747	213,947	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1021	General and Operations Managers	37,374	95,883	115,955	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	32,987	97,555	121,140	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-2011	Advertising and Promotions Managers	48,806	105,348	127,170	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	62,735	138,756	172,723	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	55,118	128,575	156,185	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	55,320	104,834	121,776	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	59,822	113,645	138,370	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	47,631	81,920	101,416	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	47,156	92,269	109,537	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	80,945	114,661	111,922	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	62,598	121,730	151,514	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	64,360	109,125	128,661	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	69,020	123,724	150,204	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	80,056	108,661	95,897	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	67,182	112,001	140,272	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	51,474	78,688	95,971	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	57,360	105,909	125,920	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	22,207	81,607	114,013	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	43,754	106,476	129,681	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	34,000	52,836	53,785	Yes	Yes	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	59,790	80,959	98,144	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	55,862	93,138	95,692	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	45,767	64,190	77,713	Yes	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	97,968	131,367	162,164	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	34,923	52,194	48,610	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers										
11-9072	Entertainment and Recreation Managers, Except Gambling	36,917	76,223	90,446	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9081	Lodging Managers	35,750	79,338	97,575	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9111	Medical and Health Services Managers	57,016	101,288	121,372	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	44,541	78,399	106,122	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	76,274	84,549	92,893	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	38,778	65,241	88,587	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-9151	Social and Community Service Managers	37,881	63,950	77,950	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	46,031	82,682	98,816	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	43,018	74,339	75,322	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	44,056	72,006	86,679	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9199	Managers, All Other	57,200	90,532	97,094	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	27,555	88,388	144,002	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	32,297	61,560	75,074	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	36,109	68,728	91,696	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage										
13-1041	Compliance Officers	29,910	51,777	61,090	No	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	39,565	77,679	99,776	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1071	Human Resources Specialists	31,709	56,091	64,476	No	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors										
13-1075	Labor Relations Specialists	37,661	71,675	91,750	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1081	Logisticians	27,040	39,166	33,114	No	No	No	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	41,752	91,090	104,581	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	40,290	63,581	68,009	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1121	Meeting, Convention, and Event Planners	29,429	50,837	61,164	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	20,800	45,061	49,877	No	No	No	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	36,549	64,462	73,907	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	29,640	47,546	53,768	No	No	No	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	33,736	72,757	99,558	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1199	Business Operations Specialists, All Other	34,635	65,700	81,994	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	36,423	69,219	80,398	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	37,804	56,385	58,376	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	29,926	47,829	69,909	No	No	Yes	Bachelor's degree	No	No	No
13-2041	Credit Analysts	46,132	78,318	92,439	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	47,593	83,803	93,340	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	34,179	110,953	130,606	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	42,935	66,658	78,501	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	49,982	101,039	117,476	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	41,042	72,153	88,452	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2071	Credit Counselors	31,331	45,168	45,462	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	33,824	62,082	79,562	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	28,954	38,460	42,318	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	21,592	43,009	58,306	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	35,028	74,519	87,298	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1211	Computer Systems Analysts	40,997	74,834	92,971	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	58,536	102,785	123,164	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	72,750	121,207	162,984	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	37,245	54,528	63,141	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	30,639	56,670	61,059	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	59,437	106,129	127,326	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	46,408	92,118	117,908	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	67,990	121,620	145,472	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	47,972	78,968	87,233	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	44,644	85,741	99,689	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	56,184	104,099	124,138	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	44,139	82,443	99,018	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	43,900	74,532	87,689	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	40,271	78,410	89,279	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	39,674	74,273	85,762	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2011	Actuaries	65,225	115,161	124,138	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians										
15-2031	Operations Research Analysts	36,044	74,009	93,919	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2041	Statisticians	37,413	77,013	93,285	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	48,604	92,596	117,431	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	35,355	82,645	95,159	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-1012	Landscape Architects	35,135	61,522	70,655	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	40,656	63,240	74,376	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	28,439	52,942	63,626	No	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	71,059	106,451	123,890	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	54,640	90,776	113,709	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	61,908	100,268	123,338	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	48,809	102,797	125,885	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	61,476	109,942	127,813	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	56,827	92,476	117,504	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	71,013	97,723	113,498	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	32,727	78,198	97,511	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	46,004	78,327	95,968	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	57,461	90,354	111,523	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	47,345	71,675	84,290	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2131	Materials Engineers	52,224	85,346	104,558	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	49,300	85,152	106,757	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers										
17-2161	Nuclear Engineers										
17-2171	Petroleum Engineers										
17-2199	Engineers, All Other	44,346	62,600	70,221	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-3011	Architectural and Civil Drafters	40,745	55,638	63,238	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3012	Electrical and Electronics Drafters	42,503	53,832	63,286	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	32,488	52,536	63,736	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	33,591	50,956	57,939	Yes	Yes	Yes	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	33,389	71,794	98,164	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	32,196	59,658	76,819	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	38,515	64,025	86,070	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	42,237	65,399	73,871	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	28,841	42,457	47,988	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	36,384	55,339	61,807	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	36,026	54,980	61,394	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3028	Calibration Technologists and Technicians	35,925	58,352	74,073	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	29,578	42,122	44,834	No	No	No	Associate's degree	No	No	No
17-3031	Surveying and Mapping Technicians	28,894	47,374	60,427	No	No	Yes	Associate's degree	No	No	No
19-1011	Animal Scientists										
19-1012	Food Scientists and Technologists	36,458	72,391	99,725	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1013	Soil and Plant Scientists	36,614	76,306	95,168	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	36,843	80,688	101,692	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	33,453	55,017	67,393	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	31,037	49,275	53,143	No	Yes	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	38,222	57,213	66,906	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	34,070	59,267	81,994	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	36,296	58,610	67,795	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	53,180	80,036	94,185	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	50,680	91,098	114,307	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	51,829	79,595	85,062	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2011	Astronomers	71,574	146,400	205,368	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	71,574	146,400	205,368	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	57,516	77,132	83,095	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2031	Chemists	36,485	68,257	82,719	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-2032	Materials Scientists	63,277	106,717	124,845	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	39,000	54,638	64,919	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	44,322	84,703	102,050	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	39,820	62,671	74,744	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	41,584	99,229	122,943	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	55,660	88,397	107,765	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	48,604	92,596	117,431	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	68,386	117,688	142,412	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	34,335	86,587	113,912	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	41,980	68,257	75,120	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	45,250	92,403	110,843	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	26,966	53,933	46,720	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	42,661	61,919	78,356	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	36,807	57,948	68,551	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	33,076	66,070	89,931	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists										
19-3099	Social Scientists and Related Workers, All Other	51,939	79,016	94,360	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-4012	Agricultural Technicians	27,610	36,724	42,632	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	29,934	48,494	66,805	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	27,123	39,811	46,050	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	29,466	47,161	57,121	No	No	Yes	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	25,910	38,608	44,681	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	29,089	37,404	40,868	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	33,178	51,857	62,018	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-4051	Nuclear Technicians										
19-4061	Social Science Research Assistants	28,271	45,315	52,040	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	34,133	49,631	54,496	Yes	Yes	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	34,473	56,037	68,790	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	24,844	45,480	54,787	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	31,990	63,647	79,210	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	37,064	57,277	63,856	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	32,270	57,380	75,559	Yes	Yes	Yes	Master's degree	Yes	No	No
21-1013	Marriage and Family Therapists	31,358	41,695	44,662	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	28,497	39,114	42,302	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	35,379	53,404	64,143	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	27,959	39,196	42,191	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	32,520	47,929	50,621	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	35,661	52,216	60,751	Yes	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	28,198	43,661	53,694	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	31,200	38,563	42,411	No	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	28,740	54,760	74,422	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	29,806	39,982	46,550	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	24,373	32,919	36,837	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	28,501	43,845	55,256	No	No	Yes	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	30,719	40,370	46,769	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	30,279	37,048	37,107	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	27,343	49,560	59,584	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	26,921	44,506	56,074	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	65,000	110,203	124,128	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
23-1012	Judicial Law Clerks	34,335	52,049	58,362	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	39,177	86,109	106,929	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	39,177	86,109	106,929	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	27,040	38,930	46,521	No	No	No	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	29,135	49,183	57,424	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
23-2099	Legal Support Workers, All Other	27,040	58,619	62,790	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	43,551	78,896	90,115	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	44,322	83,702	103,722	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	43,863	69,883	82,783	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	35,658	94,617	118,634	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	43,238	82,994	114,178	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary										
25-1042	Biological Science Teachers, Postsecondary	48,374	82,020	91,962	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	41,290	57,287	69,653	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	43,018	59,115	57,277	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	36,696	75,065	90,161	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	40,923	66,520	82,930	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	44,084	59,253	58,554	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	43,018	78,382	92,090	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	44,681	61,605	70,728	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	43,229	54,742	50,258	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	43,018	59,115	57,277	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	41,741	58,775	54,273	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	43,845	75,276	85,622	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	44,028	92,715	110,733	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	42,623	59,979	70,572	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	43,744	86,293	93,579	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	44,332	73,650	87,074	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1081	Education Teachers, Postsecondary	34,859	68,661	78,823	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	44,543	68,229	75,185	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	39,306	53,538	55,982	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	41,695	129,889	192,064	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1113	Social Work Teachers, Postsecondary										
25-1121	Art, Drama, and Music Teachers, Postsecondary	43,156	80,468	90,528	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	42,246	73,632	91,337	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	40,859	63,148	72,327	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	37,771	62,450	72,511	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	38,644	51,167	45,030	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	41,888	61,991	72,658	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	34,859	68,661	78,823	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	40,473	69,056	72,842	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	28,080	32,325	33,238	No	No	No	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	34,133	60,484	71,344	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,695	32,756	37,540	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	57,226	63,707	61,591	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	40,227	57,078	61,438	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	29,803	54,994	62,387	No	Yes	Yes	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	43,799	60,530	68,597	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	41,671	57,078	61,840	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	43,413	57,562	62,395	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	34,776	55,375	70,618	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	40,399	53,088	59,776	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2057	Special Education Teachers, Middle School	43,257	58,536	72,199	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	40,809	43,547	46,651	Yes	No	No	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	26,682	54,558	73,999	No	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	31,870	41,980	40,518	No	No	No	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	20,820	37,092	45,241	No	No	No	Some college, no degree	No	Yes	Yes
25-3031	Substitute Teachers, Short-Term	20,800	25,323	23,708	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	20,535	39,416	47,777	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	31,682	59,566	80,690	No	Yes	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	26,985	43,211	51,599	No	No	No	Master's degree	No	No	No
25-4012	Curators	28,951	51,958	64,977	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	27,472	43,358	51,691	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	26,624	52,508	74,012	No	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	25,987	32,964	37,450	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	27,058	43,532	53,529	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	50,327	69,137	80,323	Yes	Yes	Yes	Master's degree	Yes	No	No
25-9044	Teaching Assistants, Postsecondary	19,469	30,247	37,634	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	20,800	25,914	28,374	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	22,345	44,497	58,205	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	45,636	81,561	91,943	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	19,533	31,542	36,375	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	25,258	43,413	43,744	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	42,531	60,888	69,883	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1019	Artists and Related Workers, All Other	24,320	46,812	54,438	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	20,939	54,190	68,928	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	34,390	62,101	73,025	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	22,281	31,395	33,178	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	31,322	52,252	59,290	No	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	32,066	58,113	68,836	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	28,170	35,127	37,233	No	No	No	Some college, no degree	Yes	No	No
27-1027	Set and Exhibit Designers	33,527	42,384	43,881	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	26,755	56,258	69,304	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	27,674	31,560	29,484	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	34,565	74,450	89,022	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
27-2021	Athletes and Sports Competitors	23,328	59,519	59,188	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	23,328	59,519	59,188	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	19,497	42,558	42,779	No	No	No	Some college, no degree	No	Yes	Yes
27-2031	Dancers	27,674	31,560	29,484	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers										
27-2041	Music Directors and Composers	29,172	64,462	76,535	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	27,674	31,560	29,484	No	Yes	Yes	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	20,397	55,771	55,228	No	Yes	Yes	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	20,397	55,771	55,228	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	20,397	55,771	55,228	No	Yes	Yes	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	33,306	66,557	79,411	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	31,726	53,683	70,081	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	33,894	62,753	72,952	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	46,169	70,058	78,759	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	32,782	57,856	67,017	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	29,199	49,642	66,989	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	25,993	48,439	58,701	No	No	No	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	19,432	43,394	53,703	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	23,622	45,976	55,559	No	No	Yes	Associate's degree	No	No	No
27-4012	Broadcast Technicians	25,046	58,913	77,840	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	24,844	52,257	92,642	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians										
27-4021	Photographers	25,248	40,050	48,099	No	No	No	Some college, no degree	Yes	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	27,931	54,255	59,923	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	30,467	50,837	59,721	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	25,653	61,825	85,062	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	42,843	80,890	91,870	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	104,915	180,901	212,285	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	48,264	208,850	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	64,692	157,049	195,610	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists										
29-1029	Dentists, All Other Specialists	48,264	208,850	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

Wages - Workforce Region 3

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29-1031	Dietitians and Nutritionists	50,440	68,353	73,735	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	33,058	99,983	129,053	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	77,844	120,489	138,339	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1071	Physician Assistants	29,940	94,385	115,731	No	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	28,455	120,132	170,996	No	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	74,207	89,618	100,308	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	78,570	99,796	104,000	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1124	Radiation Therapists	58,481	78,584	82,572	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	27,996	49,872	58,003	No	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	48,105	63,285	74,999	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	51,045	77,569	96,766	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	36,402	48,742	52,123	Yes	Yes	No	Master's degree	No	No	No
29-1129	Therapists, All Other	32,571	57,048	70,655	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	56,983	106,028	122,511	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	50,324	73,394	79,525	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
29-1151	Nurse Anesthetists	112,386	160,228	183,942	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	57,994	89,757	103,107	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	79,178	106,489	125,216	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	56,956	87,313	98,706	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	95,554	275,619	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	165,786	393,986	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	188,787	317,795	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	56,230	200,131	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1216	General Internal Medicine Physicians	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	85,769	252,438	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	111,798	179,568	218,883	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	91,337	233,979	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	49,192	206,029	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	46,748	279,707	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	133,419	258,918	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	93,726	201,748	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	59,721	294,408	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons										
29-1249	Surgeons, All Other	59,721	294,408	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	26,645	46,454	50,157	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	41,600	71,940	80,390	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	29,052	50,974	66,061	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	35,712	56,447	64,227	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2031	Cardiovascular Technologists and Technicians	27,885	50,680	70,251	No	Yes	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	55,247	68,092	75,166	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	60,475	75,212	78,685	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	41,074	53,425	64,565	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	39,480	63,185	72,134	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists										
29-2042	Emergency Medical Technicians	23,219	26,726	29,145	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	30,150	34,233	34,954	No	No	No	Postsecondary nondegree award	No	No	No
29-2051	Dietetic Technicians	21,886	28,492	30,807	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	28,696	35,628	37,370	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	28,715	38,949	46,642	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	34,694	47,988	55,532	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	26,636	34,969	41,511	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	26,553	39,591	45,306	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	37,636	47,989	54,567	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	29,068	44,653	48,297	No	No	No	Postsecondary nondegree award	No	Yes	No
29-2081	Opticians, Dispensing	31,326	49,527	60,320	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	39,177	76,701	89,169	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	28,666	48,751	61,559	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	34,280	42,326	45,569	Yes	No	No	Postsecondary nondegree award	Yes	No	No
29-9021	Health Information Technologists and Medical Registrars	31,230	57,700	74,376	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	36,448	50,653	56,331	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors										
29-9093	Surgical Assistants	31,570	56,533	65,997	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	28,960	60,585	65,942	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	21,452	28,047	29,784	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	24,143	30,813	34,519	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	23,034	28,207	30,191	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	24,660	29,897	31,818	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	60,460	68,357	73,894	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	27,509	51,471	62,772	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	30,321	62,913	75,286	No	Yes	Yes	Associate's degree	No	Yes	Yes
31-2022	Physical Therapist Aides	21,353	28,905	31,110	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	26,645	46,454	50,157	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	32,302	42,908	47,367	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
31-9092	Medical Assistants	27,420	33,542	36,848	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	26,819	35,144	40,041	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	21,794	32,452	36,154	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	21,720	31,285	36,651	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	24,688	30,458	33,260	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	26,773	37,035	40,922	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	28,080	40,419	53,300	No	No	No	High school diploma or equivalent	No	No	Yes
33-1011	First-Line Supervisors of Correctional Officers	42,099	45,362	45,760	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	49,094	68,781	72,993	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	41,330	61,071	80,544	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	27,894	45,370	53,639	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	35,309	54,595	62,560	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	29,120	40,109	46,511	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	37,312	57,921	70,839	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	51,140	84,097	94,939	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	26,810	50,873	59,914	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	38,750	42,527	41,517	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
33-3021	Detectives and Criminal Investigators	38,774	47,260	51,709	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	24,844	26,939	27,095	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	29,172	37,422	38,948	No	No	No	High school diploma or equivalent	No	No	No
33-3051	Police and Sheriff's Patrol Officers	33,627	47,784	50,680	Yes	No	No	Associate's degree	No	No	No
33-3052	Transit and Railroad Police	54,870	68,174	55,954	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	26,002	36,706	40,611	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	30,577	55,127	75,469	No	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	26,066	32,736	35,484	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,817	32,866	34,116	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	22,961	28,997	31,542	No	No	No	No formal educational credential	No	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,800	22,436	26,957	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	32,415	40,298	44,010	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	20,800	21,679	20,800	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	25,327	31,908	34,632	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	35,980	59,705	71,282	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	28,082	36,938	42,558	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	20,204	24,366	26,525	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	22,312	28,347	30,233	No	No	No	No formal educational credential	No	No	No
35-2013	Cooks, Private Household	29,723	54,080	66,640	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	25,019	31,147	33,637	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	21,315	26,304	29,821	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	24,964	30,807	32,599	No	No	No	No formal educational credential	Yes	Yes	No
35-2021	Food Preparation Workers	23,224	27,792	29,130	No	No	No	No formal educational credential	No	No	No
35-3011	Bartenders	19,497	31,560	35,245	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,487	25,395	27,378	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,954	30,843	35,450	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	20,544	25,974	28,602	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	19,442	25,809	28,234	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	20,443	24,826	26,590	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	19,644	26,709	27,803	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	20,388	25,947	26,544	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	25,705	45,262	51,463	No	No	No	High school diploma or equivalent	No	Yes	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	37,190	53,603	56,964	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,452	28,964	31,200	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	21,848	27,485	29,662	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	22,455	27,950	30,504	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	28,446	38,608	42,871	No	No	No	High school diploma or equivalent	No	No	No
37-3011	Landscaping and Groundskeeping Workers	26,666	32,651	35,512	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	21,711	35,337	41,961	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	25,744	36,099	43,339	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	30,320	53,042	65,096	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	28,032	47,805	55,835	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	27,086	44,249	52,206	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	24,853	34,225	36,200	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	21,380	28,639	30,320	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	19,726	32,341	43,679	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners										
39-3019	Gambling Service Workers, All Other										
39-3021	Motion Picture Projectionists										
39-3031	Ushers, Lobby Attendants, and Ticket Takers	19,699	24,210	26,066	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,094	26,094	26,930	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants										
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20,820	27,830	30,430	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	21,399	26,636	26,682	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	30,017	42,898	48,062	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	28,556	36,393	43,496	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	25,761	32,861	35,008	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	31,864	51,002	59,363	No	Yes	Yes	Associate's degree	No	No	No
39-5011	Barbers	20,066	31,037	34,262	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	23,102	40,673	44,866	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	20,654	30,825	32,360	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,111	22,547	24,330	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	20,967	37,799	41,566	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	19,864	27,260	31,652	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	22,712	32,810	35,135	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	20,948	33,435	36,779	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,062	27,010	29,691	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	19,111	38,773	45,287	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	22,472	34,975	37,170	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	23,852	33,913	38,258	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	24,778	29,216	29,836	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,598	47,637	55,986	No	No	Yes	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	60,808	106,010	115,486	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,648	25,601	27,876	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	19,506	30,577	31,680	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	24,579	33,375	37,221	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	21,077	34,455	40,271	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,840	31,681	34,543	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	29,769	60,236	66,079	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	29,486	55,108	68,912	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	38,434	56,513	58,070	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	22,722	40,142	46,050	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	34,015	87,041	85,718	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	39,260	95,086	119,048	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	28,606	64,027	74,571	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	19,460	45,103	71,803	No	No	Yes	No formal educational credential	No	Yes	No
41-9012	Models										
41-9021	Real Estate Brokers	26,259	51,985	58,288	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9022	Real Estate Sales Agents	24,139	47,502	53,248	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	44,819	113,443	147,668	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	19,736	28,795	30,210	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	19,809	32,599	45,866	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	20,480	38,102	41,594	No	No	No	Some college, no degree	No	Yes	Yes
43-1011	First-Line Supervisors of Office and Administrative Support Workers	34,324	58,202	71,418	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	23,944	28,767	31,496	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators										
43-2099	Communications Equipment Operators, All Other										
43-3011	Bill and Account Collectors	28,473	38,010	41,493	No	No	No	High school diploma or equivalent	No	No	No
43-3021	Billing and Posting Clerks	29,676	36,442	38,856	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	28,276	41,949	48,258	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	20,388	29,447	35,033	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	29,178	43,801	47,528	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	28,703	40,454	45,177	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	28,032	34,841	36,228	No	No	No	High school diploma or equivalent	No	No	No
43-3099	Financial Clerks, All Other	32,966	49,982	55,982	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	34,234	50,965	55,311	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks										
43-4031	Court, Municipal, and License Clerks	28,368	40,617	45,262	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4041	Credit Authorizers, Checkers, and Clerks	26,525	40,133	46,776	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	24,543	36,773	41,369	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	24,844	35,520	43,955	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	21,062	36,968	45,223	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	21,977	28,060	31,009	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	21,840	33,753	37,060	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	22,354	26,680	30,929	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	29,833	43,973	53,648	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	33,315	39,903	43,220	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	25,483	39,011	47,221	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	28,234	39,627	44,837	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	21,522	28,808	31,240	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	26,893	38,810	44,543	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	31,200	39,960	42,349	No	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	29,080	46,307	55,761	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
43-5021	Couriers and Messengers	24,284	30,632	32,488	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	30,617	36,783	41,518	No	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	31,200	45,048	51,068	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5041	Meter Readers, Utilities	28,198	42,457	51,811	No	No	No	High school diploma or equivalent	No	No	Yes
43-5051	Postal Service Clerks	39,770	56,903	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	54,683	70,179	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	35,447	47,924	61,706	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	29,756	51,369	69,306	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	22,440	36,884	39,439	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	24,780	34,767	38,608	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	29,514	48,982	59,845	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	27,996	44,947	54,787	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	25,473	34,895	38,276	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	24,798	36,430	41,689	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	27,726	33,739	36,466	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	21,830	30,926	34,151	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	23,622	45,976	55,559	No	No	Yes	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	27,812	40,721	44,460	No	No	No	High school diploma or equivalent	No	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	22,079	31,781	35,548	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,187	37,736	43,760	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	20,544	30,926	35,079	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	25,910	32,029	33,545	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	32,580	42,246	46,831	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	28,984	37,057	46,000	No	No	No	Some college, no degree	Yes	Yes	Yes
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	27,986	50,818	63,488	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	24,844	35,998	38,286	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	24,853	34,225	36,200	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	20,507	24,173	25,147	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	24,109	33,407	35,530	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,631	30,710	32,743	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	24,596	33,040	39,545	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	19,736	32,782	38,516	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	24,596	33,040	39,545	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	30,072	38,828	45,811	No	No	No	Postsecondary nondegree award	No	No	No
45-4021	Fallers	35,971	42,733	48,328	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-4022	Logging Equipment Operators	26,250	37,744	44,626	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	20,507	24,173	25,147	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	38,231	41,428	42,889	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	40,433	65,538	77,920	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	19,111	43,045	52,371	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	27,444	39,995	45,498	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	26,783	42,705	53,023	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2031	Carpenters	30,108	46,500	54,115	No	No	No	Postsecondary nondegree award	No	Yes	Yes
47-2041	Carpet Installers	19,111	31,230	34,234	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	31,018	41,676	47,005	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	22,317	36,154	45,030	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	29,126	42,228	45,333	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	28,317	39,811	44,662	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	32,277	47,722	53,088	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	28,870	36,216	37,836	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	28,188	37,128	41,171	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	31,818	44,433	45,765	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	29,270	38,514	47,251	No	No	No	High school diploma or equivalent	No	No	No
47-2081	Drywall and Ceiling Tile Installers	20,461	35,750	44,175	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	26,277	38,562	43,284	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,984	51,893	58,552	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	26,277	38,562	43,284	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	26,902	39,958	44,396	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	33,453	45,048	46,886	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	27,132	36,393	40,849	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	27,242	33,977	40,914	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	30,191	38,984	42,632	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	32,193	49,482	59,353	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	24,725	38,405	43,459	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	32,387	43,119	50,616	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	25,515	38,929	44,635	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	26,348	34,805	43,366	No	No	No	High school diploma or equivalent	No	No	No
47-2221	Structural Iron and Steel Workers	32,571	44,819	52,316	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	32,645	39,940	43,009	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	19,111	31,533	35,061	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	24,697	31,772	35,070	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	24,559	32,075	34,216	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	24,495	28,896	30,256	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	27,150	33,132	35,226	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	27,453	33,306	35,401	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	25,689	33,995	37,551	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	43,441	63,369	74,984	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	44,828	77,739	94,654	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	26,746	36,843	42,751	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	28,023	37,119	42,522	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	27,457	34,360	36,462	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	41,410	50,386	57,204	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	28,087	43,790	51,011	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	29,190	39,581	43,321	No	No	No	High school diploma or equivalent	No	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas										
47-5013	Service Unit Operators, Oil and Gas										
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	32,793	48,469	58,679	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5023	Earth Drillers, Except Oil and Gas	32,020	45,397	47,189	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	48,843	65,115	75,047	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	25,230	36,981	40,914	No	No	No	No formal educational credential	Yes	Yes	Yes



Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining										
47-5049	Underground Mining Machine Operators, All Other										
47-5051	Rock Splitters, Quarry	33,903	61,504	82,039	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	31,432	45,453	56,175	No	No	Yes	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	27,003	32,268	35,401	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other										
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	39,113	67,657	82,250	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	28,427	37,983	43,597	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	35,079	53,951	66,098	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	28,051	50,313	61,761	No	Yes	Yes	Postsecondary nondegree award	No	Yes	
49-2091	Avionics Technicians	35,254	62,919	72,107	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	28,290	41,924	46,867	No	No	No	High school diploma or equivalent	No	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	36,825	51,691	58,453	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	35,594	52,426	63,387	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	36,696	70,241	90,896	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30,513	40,758	44,635	No	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	35,107	43,293	46,454	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	29,365	43,312	53,667	No	No	No	Postsecondary nondegree award	No	Yes	
49-3011	Aircraft Mechanics and Service Technicians	36,651	64,416	73,182	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-3021	Automotive Body and Related Repairers	28,896	46,573	52,876	No	No	No	Postsecondary nondegree award	No	Yes	
49-3022	Automotive Glass Installers and Repairers	30,807	42,512	50,359	No	No	No	High school diploma or equivalent	Yes	Yes	
49-3023	Automotive Service Technicians and Mechanics	29,124	42,078	48,206	No	No	No	Postsecondary nondegree award	No	No	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	29,659	46,905	57,622	No	No	Yes	Postsecondary nondegree award	No	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	28,418	43,744	45,498	No	No	No	High school diploma or equivalent	No	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,163	57,725	66,471	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	34,409	49,403	54,934	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	30,559	47,437	55,807	No	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	27,389	42,264	54,218	No	No	No	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	26,480	37,624	43,624	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	21,555	33,600	40,133	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	28,097	44,672	56,331	No	No	Yes	High school diploma or equivalent	No	Yes	
49-3093	Tire Repairers and Changers	28,515	30,706	31,130	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	28,666	42,301	49,945	No	No	No	High school diploma or equivalent	No	Yes	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	31,220	51,452	59,731	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	31,721	46,300	50,130	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	25,460	39,306	45,627	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	37,107	55,530	64,110	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	30,531	49,743	53,997	No	Yes	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	41,007	49,425	50,956	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons										
49-9051	Electrical Power-Line Installers and Repairers	52,556	77,787	97,273	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	32,286	46,656	55,008	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers										
49-9062	Medical Equipment Repairers	30,550	49,027	56,515	No	Yes	Yes	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	26,213	38,589	47,345	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers										
49-9069	Precision Instrument and Equipment Repairers, All Other										
49-9071	Maintenance and Repair Workers, General	28,371	37,999	45,500	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians										
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	25,175	37,073	44,543	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	36,338	48,944	52,426	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	28,482	40,638	50,680	No	No	No	High school diploma or equivalent	No	Yes	
49-9095	Manufactured Building and Mobile Home Installers	20,085	28,400	35,934	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	30,587	47,547	55,210	No	No	Yes	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	43,431	58,196	65,712	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	21,853	32,394	37,350	No	No	No	High school diploma or equivalent	No	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,073	39,068	46,390	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	29,036	60,682	78,721	No	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers										
51-2021	Coil Winders, Tapers, and Finishers	30,541	41,823	44,561	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	24,311	34,758	38,635	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	30,936	39,940	44,341	No	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	28,069	40,032	45,269	No	No	No	High school diploma or equivalent	No	No	
51-2051	Fiberglass Laminators and Fabricators	27,132	34,749	37,257	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	26,938	34,182	38,100	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	22,152	29,567	33,646	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	21,759	32,646	37,295	No	No	No	No formal educational credential	No	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	22,970	31,753	37,000	No	No	No	No formal educational credential	No	Yes	
51-3023	Slaughterers and Meat Packers	24,458	25,717	26,691	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	22,869	34,041	33,426	No	No	No	No formal educational credential	No	Yes	
51-3092	Food Batchmakers	20,921	30,587	34,914	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	23,071	29,420	32,580	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	22,079	29,254	32,764	No	No	No	No formal educational credential	No	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	28,685	37,202	41,244	No	No	No	High school diploma or equivalent	No	No	

Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic										
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	28,188	38,525	41,612	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	26,167	35,383	40,519	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,711	51,710	76,820	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	23,870	31,349	33,398	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,671	35,778	43,955	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	28,979	38,745	42,430	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	29,346	44,231	52,187	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders										
51-4052	Pourers and Casters, Metal										
51-4061	Model Makers, Metal and Plastic										
51-4062	Patternmakers, Metal and Plastic										
51-4071	Foundry Mold and Coremakers										
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	25,285	33,986	36,540	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,666	34,978	35,383	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	35,961	53,556	60,429	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	29,796	42,898	48,328	No	No	No	Postsecondary nondegree award	No	Yes	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	27,334	34,629	37,661	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	22,933	37,468	43,551	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic										
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	27,646	36,990	41,226	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	25,303	33,857	35,741	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	26,893	35,897	42,108	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	29,190	41,465	45,315	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	23,294	29,298	29,130	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	24,872	35,934	42,512	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,235	26,450	30,289	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	21,904	26,314	27,104	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	23,624	30,900	37,187	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6041	Shoe and Leather Workers and Repairers										
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	20,259	27,380	27,913	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	26,277	32,507	34,170	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	21,206	25,395	25,956	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	25,496	30,485	33,453	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	25,359	29,162	31,753	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	21,380	30,862	35,079	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	31,046	54,089	76,930	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers										
51-6093	Upholsterers	25,781	34,932	39,407	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	25,138	31,395	35,015	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	27,858	38,424	43,937	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	28,262	42,053	49,431	No	No	No	High school diploma or equivalent	No	No	Yes
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	30,817	35,385	40,885	No	No	No	High school diploma or equivalent	Yes	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	31,084	40,439	50,128	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-7099	Woodworkers, All Other	25,303	29,962	30,283	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators										
51-8012	Power Distributors and Dispatchers	49,311	81,552	95,297	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	44,607	70,379	89,104	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	44,322	57,884	62,588	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	30,737	44,069	54,677	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators										
51-8092	Gas Plant Operators	36,816	41,057	41,574	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	44,543	57,810	72,842	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	37,064	53,207	59,648	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders										
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,002	39,287	45,618	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	25,901	38,148	43,192	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	26,167	32,681	35,539	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	25,836	36,210	41,180	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand										
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	26,305	35,649	40,813	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	25,469	35,116	41,511	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	31,770	35,834	42,833	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	22,626	35,974	40,650	No	No	No	Postsecondary nondegree award	No	No	No
51-9071	Jewelers and Precious Stone and Metal Workers	23,135	44,993	52,592	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	28,179	45,802	52,472	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 3

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	26,084	37,036	45,838	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	26,140	31,597	33,150	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	21,215	32,911	36,926	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,172	33,003	39,021	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	28,161	39,912	44,589	No	No	No	High school diploma or equivalent	No	No	No
51-9141	Semiconductor Processing Technicians										
51-9151	Photographic Process Workers and Processing Machine Operators										
51-9161	Computer Numerically Controlled Tool Operators	28,179	39,848	45,103	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	33,793	55,219	64,426	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	21,380	30,862	35,079	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	23,944	33,132	43,431	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	25,368	42,044	44,782	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	26,856	32,029	35,300	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	26,718	35,383	39,324	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	26,810	40,868	48,145	No	No	No	High school diploma or equivalent	No	No	Yes
51-9197	Tire Builders										
51-9198	Helpers—Production Workers	20,893	30,044	33,600	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	22,354	33,223	36,889	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	34,785	52,454	57,222	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	35,792	56,788	65,520	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	100,084	248,735	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	42,554	124,585	150,591	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	73,466	116,098	144,480	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	73,466	116,098	144,480	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants										
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	23,659	28,170	29,907	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	19,111	30,568	37,863	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,116	49,231	57,355	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	23,344	45,726	55,582	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
53-3051	Bus Drivers, School	20,800	35,083	40,640	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	26,847	38,369	48,191	No	No	No	High school diploma or equivalent	No	No	Yes
53-3053	Shuttle Drivers and Chauffeurs	24,103	28,706	29,213	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,175	29,116	29,346	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	20,535	28,887	32,222	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers										
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers										
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	35,952	54,365	56,864	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	58,224	65,721	68,275	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	26,847	38,369	48,191	No	No	No	High school diploma or equivalent	No	No	Yes
53-4099	Rail Transportation Workers, All Other										
53-5011	Sailors and Marine Oilers	26,755	41,842	46,160	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	34,354	79,236	116,300	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators										
53-5031	Ship Engineers	66,677	90,308	100,506	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,124	29,438	33,426	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	19,543	25,019	26,562	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	23,796	30,998	30,362	No	No	No	No formal educational credential	Yes	Yes	No
53-6032	Aircraft Service Attendants	27,380	33,968	34,326	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	28,152	43,688	50,102	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	36,935	78,566	99,119	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	19,552	29,943	34,997	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,111	28,244	29,925	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	27,141	31,818	32,902	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	33,674	58,169	70,728	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	32,810	43,486	45,287	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	29,640	46,445	47,593	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	34,305	37,844	37,558	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,974	28,296	29,995	No	No	No	No formal educational credential	Yes	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,851	34,291	37,294	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	26,682	34,528	37,312	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	20,682	24,752	26,140	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,339	31,877	36,143	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators										
53-7072	Pump Operators, Except Wellhead Pumpers	30,155	42,411	47,612	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumpers										
53-7081	Refuse and Recyclable Material Collectors	21,903	33,365	40,930	No	No	No	No formal educational credential	No	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	39,839	55,522	56,377	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	25,937	34,914	36,549	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 3

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	31,871	48,531	55,108	760
No formal educational credential	23,410	30,024	32,689	76
High school diploma or equivalent	29,561	42,494	48,087	205
Some college, no degree	24,997	36,482	40,997	47
Postsecondary nondegree award	30,303	42,605	48,673	83
Associate's degree	34,198	52,191	60,837	63
Bachelor's degree	40,356	70,997	82,609	179
Master's degree	46,291	70,918	84,017	38
Doctoral or professional degree	64,519	117,709	126,392	69

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	476	284	417	343	413	347
No formal educational credential	51.32%	48.68%	36.84%	63.16%	39.47%	60.53%
High school diploma or equivalent	78.05%	21.95%	78.54%	21.46%	76.59%	23.41%
Some college, no degree	25.53%	74.47%	19.15%	80.85%	19.15%	80.85%
Postsecondary nondegree award	55.42%	44.58%	34.94%	65.06%	39.76%	60.24%
Associate's degree	57.14%	42.86%	42.86%	57.14%	39.68%	60.32%
Bachelor's degree	57.54%	42.46%	53.63%	46.37%	53.07%	46.93%
Master's degree	71.05%	28.95%	60.53%	39.47%	57.89%	42.11%
Doctoral or professional degree	76.81%	23.19%	63.77%	36.23%	60.87%	39.13%

Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	27,993	254,944	*	No	Yes	Yes*	Bachelor's degree	No	Yes	Yes*
11-1021	General and Operations Managers	37,491	93,665	116,304	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	69,591	102,842	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	50,707	109,451	132,122	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	61,561	148,034	185,813	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	56,946	121,473	152,270	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	57,271	105,892	123,278	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	62,152	118,071	143,758	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	54,131	96,979	110,171	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	57,704	84,884	103,843	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	76,418	137,633	168,908	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	61,830	113,555	132,604	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	35,023	99,768	131,145	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3061	Purchasing Managers	69,298	106,243	126,381	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	46,180	88,901	101,773	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	69,798	116,362	145,734	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	74,979	112,686	142,519	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	59,594	110,033	130,824	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,072	84,785	118,453	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	57,328	105,676	127,581	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	28,988	45,149	48,123	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	57,561	79,225	80,002	Yes	Yes	Yes	Master's degree	Yes	No	No
11-9033	Education Administrators, Postsecondary	74,950	98,581	100,083	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	44,720	76,796	91,506	Yes	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	95,796	146,792	164,913	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	34,986	62,750	75,442	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	58,897	113,059	114,252	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	40,175	70,328	89,661	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	34,786	68,989	78,388	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	53,993	103,471	116,448	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	47,778	90,820	122,658	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	72,586	87,945	96,221	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	36,645	67,798	76,955	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	38,165	69,507	81,973	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	47,824	85,902	102,664	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	44,693	77,234	78,256	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	45,772	74,810	90,054	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	40,560	96,583	124,072	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	28,628	91,830	149,610	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	34,965	67,494	87,298	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	45,551	74,304	83,866	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	47,213	65,665	75,067	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	33,935	59,842	74,341	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	35,340	66,219	77,089	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	34,992	60,954	72,061	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors										
13-1075	Labor Relations Specialists	39,128	74,466	95,323	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1081	Logisticians	46,804	77,377	97,885	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-1082	Project Management Specialists	48,317	85,217	99,709	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1111	Management Analysts	39,593	83,628	101,570	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	31,937	48,487	51,001	No	No	No	Bachelor's degree	No	No	No
13-1131	Fundraisers	31,654	57,713	73,445	No	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	38,778	57,537	69,649	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	31,538	60,345	75,006	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	31,309	67,074	77,224	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	35,320	73,266	95,222	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-2011	Accountants and Auditors	40,847	74,311	83,865	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	31,914	60,174	61,945	No	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	54,593	76,062	89,276	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	47,929	81,368	96,039	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	37,521	72,643	115,402	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-2052	Personal Financial Advisors	41,845	124,424	128,630	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	44,607	69,254	81,558	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	51,929	104,974	122,051	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	36,894	60,674	70,597	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	32,551	46,927	47,232	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	38,266	55,299	58,342	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	30,347	44,909	47,572	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	22,804	41,987	61,631	No	No	Yes	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	36,154	71,116	86,070	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	46,853	87,473	104,624	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	57,365	105,962	131,942	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	66,560	100,842	122,179	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	46,499	65,873	70,683	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	31,432	52,451	62,969	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	62,112	107,356	141,446	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	53,197	97,882	126,011	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	70,638	126,356	151,137	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	50,026	79,240	93,965	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	46,007	87,968	106,018	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	55,968	103,568	129,870	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	55,321	88,692	102,680	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	50,403	115,467	124,118	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	42,539	74,917	93,980	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	50,630	88,271	99,944	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2011	Actuaries	67,765	119,646	128,972	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	38,183	90,732	124,772	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	33,946	98,564	122,678	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2041	Statisticians	38,870	80,012	96,917	Yes	Yes	Yes	Master's degree	No	No	Yes
15-2051	Data Scientists	49,442	94,937	100,847	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	48,702	98,392	104,000	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	36,503	63,918	73,406	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	42,240	65,703	77,272	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	38,601	63,346	84,712	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	73,826	110,596	128,714	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	56,768	94,312	118,138	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	64,319	104,172	128,141	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	37,041	85,806	103,168	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2061	Computer Hardware Engineers	66,560	99,739	122,533	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	56,773	91,858	105,767	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	75,691	106,666	122,678	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	33,964	84,466	107,578	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	47,795	81,377	99,705	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	50,527	97,220	104,704	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	49,189	74,466	87,572	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	54,258	88,670	108,630	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	68,266	99,842	122,533	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	44,330	92,336	103,857	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2161	Nuclear Engineers	77,416	111,580	120,934	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers										
17-2199	Engineers, All Other	62,687	117,308	139,922	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	36,468	56,434	66,926	Yes	Yes	Yes	Associate's degree	No	No	Yes
17-3012	Electrical and Electronics Drafters	44,158	55,928	65,751	Yes	Yes	Yes	Associate's degree	Yes	No	Yes
17-3013	Mechanical Drafters	36,400	53,267	62,430	Yes	Yes	Yes	Associate's degree	No	No	No
17-3019	Drafters, All Other	34,899	52,940	60,195	Yes	Yes	Yes	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	34,689	74,590	101,986	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	31,699	45,198	46,855	No	No	No	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	47,507	79,112	89,175	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	43,882	67,946	76,747	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	30,680	37,343	34,246	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	37,801	57,494	64,214	Yes	Yes	Yes	Associate's degree	No	Yes	No
17-3027	Mechanical Engineering Technologists and Technicians	51,953	68,521	84,519	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3028	Calibration Technologists and Technicians	37,324	60,625	76,957	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	42,579	78,395	96,262	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3031	Surveying and Mapping Technicians	29,833	44,323	48,542	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists										
19-1012	Food Scientists and Technologists	37,877	75,211	103,609	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	38,040	79,277	98,874	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	38,278	83,830	105,652	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	34,756	57,160	70,018	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	33,093	56,507	58,365	Yes	Yes	Yes	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	33,280	60,361	84,989	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	31,138	51,390	81,661	No	Yes	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	30,002	61,675	89,482	No	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	55,251	83,153	97,853	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	52,654	94,646	118,758	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	53,847	82,694	88,374	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	74,361	152,101	213,365	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-2012	Physicists	74,361	152,101	213,365	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-2021	Atmospheric and Space Scientists	59,756	80,136	86,331	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2031	Chemists	45,945	87,403	108,347	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2032	Materials Scientists	65,741	110,873	129,707	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	33,280	53,531	59,134	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	46,048	88,002	106,024	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	41,371	65,111	77,654	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	81,994	120,342	150,946	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	57,828	91,839	111,962	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	50,497	96,202	122,004	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	71,049	122,271	147,958	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	35,672	89,959	118,348	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	38,002	66,163	94,389	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	47,013	96,001	115,159	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,017	56,033	48,540	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	47,272	69,017	86,560	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	38,240	60,205	71,220	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	53,847	82,694	88,374	Yes	Yes	Yes	Master's degree	Yes	No	No
19-3093	Historians	34,365	68,643	93,433	Yes	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	36,713	91,686	124,476	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	58,365	79,948	89,939	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-4012	Agricultural Technicians	28,685	38,154	44,292	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	31,100	50,382	69,407	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	32,677	44,144	52,400	Yes	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	32,240	66,783	98,270	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4042	Environmental Science and Protection Technicians, Including Health	28,605	42,477	58,051	No	No	Yes	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,222	38,861	42,459	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	34,470	53,876	64,433	Yes	Yes	Yes	Associate's degree	No	No	No
19-4051	Nuclear Technicians	37,324	60,625	76,957	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	29,372	47,079	54,067	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,474	45,037	53,590	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	35,815	58,219	71,469	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	55,627	75,026	No	Yes	Yes	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	39,931	72,606	87,485	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	38,507	59,508	66,343	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	27,265	57,698	74,535	No	Yes	Yes	Master's degree	Yes	No	No
21-1013	Marriage and Family Therapists	30,147	52,332	52,180	No	Yes	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	20,836	40,454	43,576	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	31,912	56,004	66,135	No	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	29,048	40,722	43,834	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	29,739	48,659	61,094	No	No	Yes	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	20,800	55,580	64,167	No	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	28,820	47,499	57,051	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	33,509	52,992	53,664	Yes	Yes	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	31,200	51,104	61,069	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	31,228	38,302	43,659	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	23,632	38,201	46,904	No	No	No	Some college, no degree	No	Yes	Yes
21-1094	Community Health Workers	31,974	46,132	59,058	No	No	Yes	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	29,317	38,277	44,990	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	29,796	48,126	56,435	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	28,408	51,490	61,904	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	27,969	46,239	58,257	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	53,040	107,955	126,559	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	35,672	54,076	60,634	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	40,703	89,462	111,093	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	40,703	89,462	111,093	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	31,820	47,786	48,383	No	No	No	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	30,269	51,098	59,661	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	27,040	53,049	55,162	No	Yes	No	Associate's degree	No	No	No
25-1011	Business Teachers, Postsecondary	45,247	81,969	93,624	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	46,048	86,961	107,761	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	46,551	65,002	70,509	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,047	98,302	123,254	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	44,922	86,226	118,624	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	42,898	59,517	72,366	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	50,258	85,214	95,543	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	42,898	59,517	72,366	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	44,693	61,417	59,508	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	38,126	77,988	93,672	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	42,517	69,111	86,159	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	45,800	61,560	60,835	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	44,693	81,434	95,677	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	46,421	64,004	73,483	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	44,913	56,873	52,215	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	44,693	61,417	59,508	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	43,366	61,064	56,386	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	45,552	78,208	88,956	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	45,743	96,326	115,045	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	44,283	62,314	73,321	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	36,481	69,362	77,627	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-1072	Nursing Instructors and Teachers, Postsecondary	47,748	71,975	79,785	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	36,216	71,335	81,893	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	46,278	70,886	78,112	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	40,837	55,623	58,162	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	43,318	134,948	199,543	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary										
25-1121	Art, Drama, and Music Teachers, Postsecondary	44,836	83,601	94,054	Yes	Yes	Yes	Master's degree	No	Yes	No
25-1122	Communications Teachers, Postsecondary	43,891	76,499	94,894	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	42,450	65,608	75,144	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	39,242	64,882	75,335	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	40,149	53,160	46,783	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	43,519	64,405	75,487	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	36,216	71,335	81,893	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	42,049	71,745	75,678	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	29,377	39,554	42,304	No	No	No	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other										
25-2011	Preschool Teachers, Except Special Education	22,461	31,870	35,807	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	46,950	51,751	59,925	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	46,722	51,072	58,769	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	46,882	51,495	58,630	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	45,504	62,887	71,268	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	46,953	52,742	60,059	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	47,447	52,474	59,416	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	36,742	45,963	46,145	Yes	No	No	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	47,260	49,719	47,260	Yes	No	No	Bachelor's degree	Yes	No	No
25-2057	Special Education Teachers, Middle School	44,941	60,816	75,010	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	47,174	50,552	59,471	Yes	No	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	23,492	27,677	28,418	No	No	No	Bachelor's degree	No	No	No
	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	35,682	54,907	70,705	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	21,906	39,008	50,304	No	No	No	Some college, no degree	No	Yes	Yes
25-3031	Substitute Teachers, Short-Term	25,081	26,242	25,716	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	23,247	36,912	41,028	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	48,336	66,715	76,504	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-4011	Archivists	28,036	44,893	53,609	No	No	No	Master's degree	No	No	No
25-4012	Curators	30,079	53,981	67,507	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	28,542	45,046	53,704	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	45,488	63,415	74,688	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	23,625	35,205	43,127	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	29,172	45,010	56,671	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	43,166	70,287	81,828	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,227	31,424	39,099	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,869	26,652	28,290	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	23,215	46,230	60,472	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	47,413	84,737	95,524	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	20,294	32,770	37,791	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,241	45,103	45,447	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	44,187	63,259	72,605	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,267	48,635	56,558	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	21,755	56,301	71,612	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	35,730	64,519	75,869	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	22,717	32,236	33,311	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	32,203	50,385	58,960	Yes	No	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	30,733	49,250	60,285	No	No	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	27,579	37,099	41,072	No	No	No	Some college, no degree	Yes	No	No
27-1027	Set and Exhibit Designers	34,832	44,034	45,590	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	27,797	58,448	72,003	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	28,752	32,789	30,632	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	31,865	68,467	95,222	No	Yes	Yes	Bachelor's degree	No	No	Yes
27-2021	Athletes and Sports Competitors	24,237	61,837	61,493	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	22,354	47,250	62,005	No	No	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,256	44,216	44,445	No	No	No	Some college, no degree	No	Yes	Yes
27-2031	Dancers	28,752	32,789	30,632	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers										
27-2041	Music Directors and Composers	30,308	66,973	79,516	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	28,752	32,789	30,632	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,191	57,942	57,379	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,191	57,942	57,379	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,191	57,942	57,379	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	33,071	52,455	61,694	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	30,292	60,130	70,259	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	36,953	68,551	81,991	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	52,862	76,304	83,705	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	33,460	50,644	49,008	Yes	No	No	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	38,398	51,553	60,830	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	32,781	50,714	62,005	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,189	45,084	55,795	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	34,853	53,456	58,543	Yes	Yes	Yes	Associate's degree	No	No	No
27-4012	Broadcast Technicians	26,014	42,792	52,073	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	25,812	64,682	96,249	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	28,628	47,041	57,895	No	No	Yes	Associate's degree	No	No	No
27-4021	Photographers	26,232	41,610	49,972	No	No	No	Some college, no degree	No	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	29,019	56,367	62,257	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	31,654	52,816	62,047	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	63,193	82,868	92,581	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1011	Chiropractors	32,205	80,377	95,511	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1021	Dentists, General	94,586	162,861	179,723	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	50,144	216,983	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	67,211	163,165	203,228	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists										
29-1029	Dentists, All Other Specialists	50,144	216,983	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*



Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	44,731	62,579	72,771	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	68,994	130,391	138,206	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1051	Pharmacists	71,460	118,819	133,817	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1071	Physician Assistants	36,854	93,857	119,886	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	29,563	124,810	177,655	No	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	72,062	89,607	97,543	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	52,258	92,014	99,822	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	71,427	84,679	92,039	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	29,086	51,814	60,262	No	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	48,535	64,175	72,714	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	72,645	92,600	100,341	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	37,820	50,640	54,153	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	33,840	59,269	73,406	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	59,585	107,725	132,992	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	58,540	74,213	77,219	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	143,599	195,778	208,001	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	87,566	152,342	155,192	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	80,281	107,699	119,047	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	59,174	90,713	102,549	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	99,275	286,352	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	172,243	409,329	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	59,441	248,160	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	196,603	331,140	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	58,420	207,924	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1216	General Internal Medicine Physicians	59,441	248,160	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	89,109	262,268	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	59,441	248,160	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	184,781	206,417	197,312	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	94,894	243,091	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	44,646	285,287	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	48,569	290,600	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	43,434	238,705	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	97,376	209,604	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	196,298	745,252	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	62,047	305,873	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	62,047	305,873	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	27,683	48,263	52,110	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	56,448	68,571	75,867	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	68,411	136,351	177,278	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	29,602	55,606	69,306	No	Yes	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	28,971	52,654	72,986	No	Yes	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	50,005	64,081	74,225	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	62,830	78,141	81,749	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	44,983	58,460	65,155	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
29-2035	Magnetic Resonance Imaging Technologists	51,998	64,841	75,171	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	96,431	121,994	135,616	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	22,643	29,382	31,438	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	29,769	39,993	42,495	No	No	No	Postsecondary nondegree award	No	No	No
29-2051	Dietetic Technicians	22,738	29,601	32,007	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,294	36,350	38,926	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	27,267	34,849	41,275	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	30,880	45,781	56,052	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	28,022	34,472	35,839	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	28,044	37,928	45,990	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	35,957	44,760	48,960	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-2072	Medical Records Specialists	28,244	40,919	46,497	No	No	No	Postsecondary nondegree award	No	No	No
29-2081	Opticians, Dispensing	29,561	49,072	59,627	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	40,703	79,688	92,641	Yes	Yes	Yes	Master's degree	No	No	No
29-2092	Hearing Aid Specialists	29,783	50,649	63,956	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	28,786	42,779	44,221	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	32,446	59,947	77,272	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	37,868	52,625	58,525	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	49,103	84,737	98,302	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	32,799	58,735	68,567	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	30,088	62,944	68,509	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	23,181	28,272	31,200	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	27,040	32,474	35,442	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	23,931	29,305	31,367	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	25,621	31,062	33,057	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	49,587	61,998	66,560	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	28,580	53,475	65,216	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	45,760	63,409	72,752	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	22,779	27,269	28,415	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	27,400	46,015	52,718	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	36,311	41,808	45,488	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	29,967	35,289	35,893	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	27,864	36,512	41,600	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	28,291	39,424	45,358	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 4

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Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,916	28,058	28,772	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	27,741	30,884	34,416	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	29,488	36,118	36,756	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	27,210	37,253	44,867	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	40,187	51,709	50,592	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	49,698	69,522	78,597	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	44,006	69,512	81,758	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	34,642	56,810	64,736	Yes	Yes	Yes	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	38,431	55,869	62,581	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	27,107	37,605	42,887	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	35,309	41,074	35,309	Yes	No	No	Postsecondary nondegree award	Yes	No	No
33-2022	Forest Fire Inspectors and Prevention Specialists	53,131	87,372	98,636	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	27,854	52,855	62,248	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	38,294	40,336	41,258	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	40,366	66,379	74,963	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	25,812	27,988	28,150	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	30,308	38,880	40,464	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	38,381	50,418	52,336	Yes	No	No	Associate's degree	No	No	No
33-3052	Transit and Railroad Police	57,007	70,829	58,133	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	27,014	38,135	42,192	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	31,774	48,704	56,935	No	No	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,081	34,011	36,865	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	21,171	29,887	33,576	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	23,934	32,434	34,572	No	No	No	No formal educational credential	Yes	Yes	Yes
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,800	24,681	28,081	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	37,024	42,314	43,909	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	21,793	26,022	27,177	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	26,253	42,587	50,534	No	No	No	High school diploma or equivalent	No	No	Yes
35-1011	Chefs and Head Cooks	31,110	49,372	59,824	No	No	Yes	Associate's degree	No	No	No
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,959	38,841	45,928	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	20,991	25,315	27,558	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	24,184	32,144	34,768	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	30,880	56,186	69,235	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	23,691	31,485	35,265	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	21,316	29,610	33,091	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	25,936	32,007	33,868	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	23,053	29,737	33,645	No	No	No	No formal educational credential	Yes	No	Yes
35-3011	Bartenders	20,945	33,823	37,262	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,519	24,573	26,827	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,800	31,416	35,296	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,234	27,398	32,211	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,800	26,568	28,677	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,498	25,811	27,873	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,810	27,010	28,815	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	21,316	26,978	27,149	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	27,622	43,446	50,805	No	No	No	High school diploma or equivalent	No	No	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	36,124	52,825	61,137	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,327	28,529	31,200	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	22,174	27,846	28,611	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,330	29,038	31,692	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	30,640	39,881	44,637	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	24,218	32,451	35,833	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	22,522	37,925	43,578	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	26,747	37,505	45,027	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	34,071	36,376	35,816	Yes	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	31,501	55,107	67,631	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	27,372	42,805	49,409	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	27,740	42,327	48,006	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	26,905	33,175	30,358	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	22,957	28,656	28,947	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,495	33,601	45,380	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,456	27,301	29,372	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	19,855	30,919	35,949	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists										
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,442	24,284	26,966	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,800	26,335	27,861	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	24,685	39,653	46,144	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,631	28,914	31,615	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,232	27,673	27,721	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,186	44,569	49,934	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	29,668	37,811	45,189	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	22,576	29,105	32,236	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	33,104	52,988	61,675	Yes	Yes	Yes	Associate's degree	No	No	No
39-5011	Barbers	20,848	32,245	35,596	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,611	34,756	45,317	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	21,459	32,026	33,620	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,855	23,425	25,277	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	28,322	40,218	43,319	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	20,638	28,322	32,885	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	23,597	34,088	36,503	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	21,764	34,737	38,211	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,918	26,233	28,067	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	22,618	51,869	57,567	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
39-9032	Recreation Workers	23,005	30,017	31,122	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	24,781	35,233	39,748	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	24,353	23,799	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,929	47,252	54,016	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	45,573	86,015	92,568	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,389	26,186	28,838	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,266	31,768	32,914	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	26,221	37,062	42,971	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	22,787	35,735	40,649	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	21,795	31,483	34,219	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	25,121	71,506	70,145	No	Yes	Yes	Some college, no degree	No	Yes	Yes
41-3021	Insurance Sales Agents	35,087	59,204	67,936	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	37,028	58,444	59,501	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	20,800	35,437	45,544	No	No	No	Some college, no degree	No	No	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	30,052	58,497	70,110	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	36,977	85,559	110,289	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	31,825	67,469	78,706	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,218	46,860	74,600	No	No	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models										
41-9021	Real Estate Brokers	31,094	69,111	80,427	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	30,785	52,260	54,585	No	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
41-9031	Sales Engineers	60,489	103,395	125,154	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	20,504	29,916	31,386	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,581	33,868	47,652	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	21,774	32,896	35,023	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	35,894	56,837	67,131	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	23,429	28,284	29,664	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	24,876	29,888	32,723	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,175	46,955	55,069	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	33,245	41,929	47,715	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	30,602	39,194	43,688	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,324	43,544	49,599	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,182	30,594	36,398	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	28,373	42,058	48,545	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	32,920	41,953	48,554	Yes	No	No	Associate's degree	No	No	No
43-3071	Tellers	29,878	37,894	44,113	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	34,250	51,929	58,162	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	35,567	52,950	57,465	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	31,921	35,653	38,756	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	29,192	40,258	44,873	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4041	Credit Authorizers, Checkers, and Clerks	27,558	41,696	48,597	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	27,472	36,311	38,216	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	34,323	35,675	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	20,800	33,115	38,196	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	23,292	27,925	28,704	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	26,623	32,809	35,290	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	23,597	27,251	27,728	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	31,994	46,501	59,134	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	34,613	41,457	44,903	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	27,323	38,866	47,158	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	28,254	39,233	44,720	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	21,844	29,525	33,047	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	24,699	35,318	35,678	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	31,162	42,376	50,690	No	No	No	High school diploma or equivalent	Yes	No	Yes
43-5011	Cargo and Freight Agents	31,193	47,581	61,090	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	21,967	28,985	31,056	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	30,618	35,584	35,834	No	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	28,859	42,089	48,972	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	31,218	42,780	50,218	No	No	No	High school diploma or equivalent	Yes	No	Yes
43-5051	Postal Service Clerks	49,130	60,224	68,962	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,354	55,123	71,344	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	36,827	49,790	64,109	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	30,888	48,686	55,862	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	27,040	35,670	39,277	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	24,413	35,997	41,559	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	33,280	56,260	65,187	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	27,596	41,847	46,722	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	28,390	34,980	37,530	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,022	38,365	45,408	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	28,863	36,266	38,030	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	22,681	32,131	35,481	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,542	47,767	57,723	No	No	Yes	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	33,029	40,837	41,164	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	22,478	29,886	29,555	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	25,746	37,997	43,670	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	21,344	32,131	36,445	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	26,919	33,276	34,851	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	33,849	43,891	48,654	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	27,638	38,804	43,863	No	No	No	Some college, no degree	Yes	Yes	Yes
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	31,225	42,727	44,845	No	No	No	High school diploma or equivalent	Yes	No	No
45-2011	Agricultural Inspectors	25,812	37,400	39,777	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders										
45-2041	Graders and Sorters, Agricultural Products	21,306	25,115	26,127	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,048	34,708	36,913	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	21,430	28,469	31,595	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	25,554	34,326	41,085	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,504	34,059	40,016	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	25,554	34,326	41,085	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,243	40,340	47,595	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	37,371	44,397	50,210	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-4022	Logging Equipment Operators	29,554	42,117	47,880	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,306	25,115	26,127	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	39,720	43,042	44,559	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	40,398	64,204	74,255	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	19,855	44,722	54,410	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	28,480	41,961	48,754	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	27,826	44,368	55,088	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2031	Carpenters	31,200	43,279	47,290	No	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	28,650	36,862	38,990	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	32,226	43,299	48,836	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,187	37,562	46,783	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	28,354	41,793	49,027	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	33,212	40,026	44,587	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	33,534	49,580	55,155	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	25,093	35,651	37,837	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	32,046	40,104	43,710	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	31,200	42,455	47,143	No	No	No	High school diploma or equivalent	Yes	No	No
47-2073	Operating Engineers and Other Construction Equipment Operators	32,096	42,864	46,694	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	20,800	33,597	44,388	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,301	40,063	44,970	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	35,350	48,758	55,981	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	27,301	40,063	44,970	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	27,950	41,514	46,125	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	34,756	46,803	48,712	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2141	Painters, Construction and Maintenance	29,422	38,349	42,870	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,303	35,300	42,507	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	32,968	39,665	41,658	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	34,008	46,124	51,347	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	25,687	39,901	45,151	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	33,649	44,798	52,587	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	27,412	39,781	47,825	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	28,552	43,675	48,669	No	No	No	High school diploma or equivalent	No	No	No
47-2221	Structural Iron and Steel Workers	34,706	44,465	53,096	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	33,916	41,495	44,683	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	19,855	32,761	36,426	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	24,449	31,090	33,775	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	25,519	33,053	35,648	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	25,449	30,021	31,434	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	28,693	34,265	35,819	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	28,523	34,603	36,780	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	26,690	35,319	39,013	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	40,628	62,489	74,979	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	46,573	80,766	98,340	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	27,788	38,278	44,416	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	28,666	40,426	45,625	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	29,549	35,667	37,529	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	43,022	52,349	59,432	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30,671	42,764	44,253	No	No	No	High school diploma or equivalent	Yes	No	No
47-4090	Miscellaneous Construction and Related Workers	30,327	41,123	45,008	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas	39,080	51,537	53,857	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	35,634	51,833	59,603	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	31,625	41,788	49,666	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	33,267	47,165	49,027	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	50,745	67,650	77,969	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,212	38,421	42,507	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining										
47-5049	Underground Mining Machine Operators, All Other	34,221	38,746	42,965	Yes	No	No	No formal educational credential	Yes	Yes	
47-5051	Rock Splitters, Quarry	35,224	63,899	85,234	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	32,656	47,223	58,362	Yes	No	Yes	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	28,055	33,524	36,780	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	26,537	42,793	41,829	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	37,500	57,414	68,765	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	30,047	38,697	41,836	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,445	56,052	68,672	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	36,964	60,238	81,895	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	36,198	62,255	76,956	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	29,391	43,557	48,693	No	No	No	High school diploma or equivalent	No	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	38,259	53,704	60,730	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	36,980	54,468	65,856	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	38,126	72,977	94,436	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	31,701	42,345	46,373	No	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	36,474	44,979	48,263	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	31,207	47,071	57,291	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-3011	Aircraft Mechanics and Service Technicians	46,290	68,580	77,297	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-3021	Automotive Body and Related Repairers	29,996	43,021	45,356	No	No	No	Postsecondary nondegree award	No	No	
49-3022	Automotive Glass Installers and Repairers	32,007	44,168	52,320	No	No	No	High school diploma or equivalent	Yes	Yes	
49-3023	Automotive Service Technicians and Mechanics	27,802	45,090	57,475	No	No	Yes	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	34,144	50,787	59,534	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	29,525	45,447	47,270	No	No	No	High school diploma or equivalent	No	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,028	50,695	56,898	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	35,749	51,327	57,074	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	35,555	49,519	58,156	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	28,456	43,910	56,329	No	No	No	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	25,232	35,764	40,123	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	22,394	34,909	41,696	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	29,191	46,411	58,525	No	No	Yes	High school diploma or equivalent	No	Yes	
49-3093	Tire Repairers and Changers	25,258	30,929	36,251	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	30,530	41,554	44,480	No	No	No	High school diploma or equivalent	Yes	No	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	34,447	44,108	47,258	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	32,908	51,549	59,962	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	20,809	36,339	47,873	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	35,848	52,488	62,812	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	31,720	51,680	56,100	No	Yes	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	38,975	53,408	63,049	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons										
49-9051	Electrical Power-Line Installers and Repairers	37,395	61,187	76,810	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	32,649	46,073	53,145	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	38,421	51,060	56,959	Yes	Yes	No	Associate's degree	No	No	
49-9062	Medical Equipment Repairers	31,013	41,170	45,372	No	No	No	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	27,234	40,092	49,189	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	23,645	28,131	27,444	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	38,727	55,088	63,040	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	28,396	38,213	44,403	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians										
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	26,155	38,517	46,278	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	37,753	50,850	54,468	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	35,242	42,867	50,247	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-9095	Manufactured Building and Mobile Home Installers	20,867	29,506	37,333	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	31,778	49,399	57,360	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	45,123	60,462	68,271	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	26,230	30,794	35,297	No	No	No	High school diploma or equivalent	No	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	30,843	34,811	35,768	No	No	No	High school diploma or equivalent	Yes	No	
51-1011	First-Line Supervisors of Production and Operating Workers	36,335	60,512	75,914	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	31,568	44,932	53,313	No	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	31,730	43,452	46,297	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	24,888	35,538	39,893	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	32,140	41,495	46,068	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	29,162	41,591	47,032	No	No	No	High school diploma or equivalent	No	No	
51-2051	Fiberglass Laminators and Fabricators	28,188	36,102	38,708	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	26,284	35,499	37,484	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	23,235	30,948	35,360	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	24,584	36,344	41,600	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	23,922	32,121	36,796	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	25,411	26,718	27,730	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	23,759	35,367	34,727	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	21,736	31,778	36,274	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	23,969	30,565	33,849	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	22,938	30,394	34,040	No	No	No	No formal educational credential	Yes	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	29,802	38,651	42,851	No	No	No	High school diploma or equivalent	Yes	No	

## Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	28,971	38,269	43,710	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	29,286	40,025	43,232	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	27,186	36,760	42,097	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,790	53,723	79,812	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	24,800	32,570	34,699	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,671	37,171	45,667	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30,107	40,254	44,082	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	27,662	43,891	50,573	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	37,381	47,662	48,549	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	28,494	44,550	54,029	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-4061	Model Makers, Metal and Plastic	31,558	49,704	57,847	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic										
51-4071	Foundry Mold and Coremakers	22,222	38,383	52,482	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	26,270	35,310	37,963	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	33,942	52,208	60,370	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4111	Tool and Die Makers	37,362	55,642	62,782	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	31,423	47,449	58,578	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	28,398	35,978	39,128	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23,826	38,927	45,247	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	32,417	45,609	50,258	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	28,723	38,431	42,832	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,289	35,176	37,133	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	27,940	37,295	43,748	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	30,327	43,080	47,079	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	23,418	32,767	36,228	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	25,840	37,333	44,168	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	21,633	25,657	27,192	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	22,757	27,339	28,160	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	22,566	33,751	37,209	No	No	No	No formal educational credential	No	Yes	Yes
51-6041	Shoe and Leather Workers and Repairers	22,490	31,482	35,539	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	21,048	28,446	29,000	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	27,301	33,773	35,500	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders										
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	26,489	31,673	34,756	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders										
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,213	32,064	36,445	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,255	56,196	79,926	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers										
51-6093	Upholsterers	26,785	36,293	40,942	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,117	32,618	36,379	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,322	40,663	46,142	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	29,363	43,691	51,356	No	No	No	High school diploma or equivalent	No	No	Yes
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	24,972	33,095	36,388	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	24,886	32,866	36,789	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,289	31,129	31,463	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	46,344	73,120	92,574	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	51,232	84,728	99,008	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	46,344	73,120	92,574	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	46,048	60,138	65,025	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	32,013	41,972	46,360	No	No	No	Postsecondary nondegree award	Yes	No	No
51-8091	Chemical Plant and System Operators	39,939	59,164	64,052	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
51-8092	Gas Plant Operators	32,999	49,752	60,157	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	48,485	56,321	71,012	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	38,507	55,279	61,971	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	28,494	44,550	54,029	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	27,014	40,817	47,394	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,909	39,634	44,874	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	24,254	34,403	37,021	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	26,843	37,620	42,784	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	20,953	34,040	38,240	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	27,329	37,037	42,402	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	26,461	36,484	43,127	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29,277	37,496	42,087	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	26,443	43,809	54,377	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	35,735	51,800	62,831	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-9081	Dental Laboratory Technicians	29,277	47,585	54,515	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 4

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	27,100	38,479	47,623	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	28,763	34,429	36,387	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	22,041	34,193	38,364	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	24,074	34,288	40,541	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	29,582	41,308	46,250	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians										
51-9151	Photographic Process Workers and Processing Machine Operators	22,346	33,792	36,388	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	35,267	43,504	49,324	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
51-9162	Computer Numerically Controlled Tool Programmers	35,109	57,370	66,934	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	22,213	32,064	36,445	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	24,876	34,422	45,123	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,356	43,681	46,526	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	27,902	33,276	36,675	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	27,759	36,760	40,856	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	27,854	42,459	50,019	No	No	No	High school diploma or equivalent	No	No	Yes
51-9197	Tire Builders										
51-9198	Helpers—Production Workers	25,552	31,240	35,407	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	22,587	35,605	39,347	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	36,140	54,496	59,451	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	34,017	53,615	62,541	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	103,981	258,421	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	49,538	111,989	143,590	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	76,327	120,619	150,106	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	76,327	120,619	150,106	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	33,610	66,133	75,516	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	24,580	29,267	31,071	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	32,581	38,634	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	33,476	45,467	48,761	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
53-3033	Light Truck Drivers	25,074	42,716	50,804	No	No	No	High school diploma or equivalent	No	No	Yes
53-3051	Bus Drivers, School	28,752	33,138	37,043	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	27,893	39,863	50,067	No	No	No	High school diploma or equivalent	No	No	Yes
53-3053	Shuttle Drivers and Chauffeurs	20,800	35,150	34,176	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,922	30,250	30,489	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	20,800	27,429	30,181	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	54,019	65,617	70,886	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	30,737	51,528	49,638	No	Yes	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Fiers	37,352	56,482	59,078	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	60,491	68,280	70,934	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	27,893	39,863	50,067	No	No	No	High school diploma or equivalent	No	No	Yes
53-4099	Rail Transportation Workers, All Other	39,386	40,044	39,395	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	24,549	39,345	53,088	No	No	No	High school diploma or equivalent	No	No	Yes
53-5021	Captains, Mates, and Pilots of Water Vessels	35,913	64,502	74,324	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	33,127	41,047	41,754	Yes	No	No	Postsecondary nondegree award	Yes	No	No
53-5031	Ship Engineers	69,273	93,825	104,420	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,986	30,584	34,727	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	20,950	26,983	30,059	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	26,787	31,387	36,023	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	28,446	35,290	35,663	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	29,248	45,390	52,053	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	38,374	81,625	102,979	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,313	31,109	36,360	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,855	29,343	31,090	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	28,198	33,057	34,183	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	34,212	50,933	51,711	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,088	45,180	47,051	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	30,794	48,254	49,447	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	29,342	37,448	40,504	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	21,248	29,048	32,368	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,549	33,584	36,974	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,721	35,873	38,765	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	22,403	26,314	27,856	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	25,065	32,709	35,360	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,305	34,956	32,474	No	No	No	High school diploma or equivalent	No	No	No
53-7072	Pump Operators, Except Wellhead Pumps	31,329	44,063	49,466	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-7073	Wellhead Pumps										
53-7081	Refuse and Recyclable Material Collectors	28,301	39,108	45,308	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	41,390	57,685	58,572	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	27,230	43,416	49,768	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 4

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	32,129	50,680	57,422	802
No formal educational credential	22,672	30,328	33,433	81
High school diploma or equivalent	29,582	43,787	49,686	225
Some college, no degree	27,083	38,131	43,014	48
Postsecondary nondegree award	30,625	43,356	49,525	88
Associate's degree	38,435	56,795	65,295	67
Bachelor's degree	44,360	78,820	92,570	181
Master's degree	52,950	82,898	95,218	42
Doctoral or professional degree	62,464	156,059	150,240	70

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	466	336	465	337	453	349
No formal educational credential	37.04%	62.96%	32.10%	67.90%	32.10%	67.90%
High school diploma or equivalent	68.00%	32.00%	77.78%	22.22%	75.56%	24.44%
Some college, no degree	29.17%	70.83%	20.83%	79.17%	18.75%	81.25%
Postsecondary nondegree award	40.91%	59.09%	37.50%	62.50%	42.05%	57.95%
Associate's degree	64.18%	35.82%	53.73%	46.27%	50.75%	49.25%
Bachelor's degree	57.46%	42.54%	60.22%	39.78%	58.01%	41.99%
Master's degree	73.81%	26.19%	64.29%	35.71%	64.29%	35.71%
Doctoral or professional degree	78.57%	21.43%	70.00%	30.00%	64.29%	35.71%



## Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	70,210	202,961	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	35,334	95,029	116,819	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	21,025	51,672	61,959	No	Yes	Yes	Bachelor's degree	No	No	No
11-2011	Advertising and Promotions Managers	60,350	84,375	78,547	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
11-2021	Marketing Managers	66,710	136,971	167,984	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	52,381	127,437	155,394	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	57,660	96,700	107,994	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	63,199	119,734	133,879	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	58,098	88,789	105,061	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	46,342	84,712	103,147	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	80,397	128,121	155,967	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	56,139	111,057	124,718	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	57,561	119,575	132,676	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	62,317	110,761	132,299	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	47,967	92,743	101,691	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	52,541	77,425	88,941	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	61,388	93,799	99,948	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	55,619	81,913	89,104	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	34,332	70,405	74,577	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9021	Construction Managers	52,000	102,760	109,990	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	29,880	49,287	46,212	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	56,306	83,186	96,826	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	57,381	88,714	90,034	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	47,025	78,919	95,533	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9041	Architectural and Engineering Managers	81,536	132,660	159,994	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	31,506	60,096	76,886	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	57,772	110,899	112,069	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	34,930	60,067	65,043	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	37,594	62,465	75,872	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	57,248	102,602	104,000	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	52,000	74,922	83,179	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	74,703	90,925	100,797	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	30,365	61,301	72,799	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	36,670	69,331	84,157	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-9161	Emergency Management Directors	45,641	96,606	125,008	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	43,839	75,758	76,760	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	44,897	73,380	88,333	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9199	Managers, All Other	52,588	95,458	108,160	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	28,081	90,075	146,751	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	32,281	53,865	58,573	No	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	34,507	62,417	81,661	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	46,311	64,410	73,633	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	27,934	52,142	49,442	No	Yes	No	Bachelor's degree	No	No	No
13-1051	Cost Estimators	34,451	56,123	61,246	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	33,280	53,172	59,870	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	22,631	83,165	116,189	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
13-1075	Labor Relations Specialists	23,640	63,579	94,685	No	Yes	Yes	Bachelor's degree	No	No	Yes
13-1081	Logisticians	30,160	59,285	70,616	No	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	47,341	83,955	100,903	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	39,177	56,262	61,651	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1121	Meeting, Convention, and Event Planners	34,320	50,612	57,756	Yes	No	No	Bachelor's degree	No	No	No
13-1131	Fundraisers	31,407	55,694	72,379	No	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	30,992	43,368	47,216	No	No	No	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	32,249	55,512	64,185	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	32,698	61,496	72,847	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	31,200	61,919	74,714	No	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	33,509	60,908	73,347	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	27,600	58,763	70,830	No	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	44,990	62,903	68,162	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	47,220	85,706	95,978	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	45,597	65,695	72,821	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	34,626	94,436	104,274	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	36,462	57,228	63,604	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	42,078	112,741	120,719	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	38,667	54,552	57,637	Yes	Yes	No	Bachelor's degree	No	No	No
13-2071	Credit Counselors	44,388	44,843	44,783	Yes	No	No	Bachelor's degree	Yes	No	No
13-2072	Loan Officers	26,775	59,566	74,828	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,286	36,689	38,834	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	22,004	43,830	59,420	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	32,718	54,797	66,259	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	42,233	67,769	79,643	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1212	Information Security Analysts	56,659	98,747	107,684	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	74,139	123,521	166,096	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	38,002	66,250	81,141	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	28,642	46,552	55,646	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	49,342	95,626	124,127	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	48,131	76,460	82,534	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	57,165	113,286	148,695	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	38,106	72,362	84,089	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1251	Computer Programmers	43,514	65,755	71,932	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1252	Software Developers	50,005	98,791	118,672	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	45,334	80,535	99,187	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	37,645	71,299	83,126	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	38,958	65,117	63,825	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	30,805	69,247	96,371	No	Yes	Yes	Bachelor's degree	No	No	Yes
15-2011	Actuaries	35,048	107,751	133,659	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2021	Mathematicians	37,453	88,998	122,388	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	31,200	45,594	46,342	No	No	No	Bachelor's degree	No	No	No
15-2041	Statisticians	29,349	44,847	52,187	No	No	No	Master's degree	No	No	No
15-2051	Data Scientists	44,671	78,344	100,025	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	38,127	78,483	95,066	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-1011	Architects, Except Landscape and Naval	44,823	84,238	94,880	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	27,878	59,627	70,923	No	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	45,631	62,078	63,829	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	35,280	61,978	71,240	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	64,507	86,830	107,380	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	55,684	92,509	115,880	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	63,090	102,182	125,693	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	35,384	91,662	109,741	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2061	Computer Hardware Engineers	62,650	112,041	130,253	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	47,147	94,646	118,398	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	75,204	95,173	102,316	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	55,784	85,830	102,426	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	50,618	57,874	50,618	Yes	Yes	No	Bachelor's degree	Yes	No	No
17-2112	Industrial Engineers	64,207	94,926	107,932	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	48,249	73,043	85,899	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2131	Materials Engineers	53,221	86,976	106,554	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	55,295	93,694	112,108	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	43,483	90,571	101,873	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2161	Nuclear Engineers	75,936	109,448	118,624	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	62,921	122,931	147,481	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	41,974	66,449	81,618	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-3011	Architectural and Civil Drafters	35,697	53,383	61,753	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3012	Electrical and Electronics Drafters	43,315	54,860	64,494	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	31,434	49,405	55,362	No	No	No	Associate's degree	No	No	No
17-3019	Drafters, All Other	38,124	53,429	60,556	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3021	Aerospace Engineering and Operations Technologists and Technicians	34,026	73,165	100,037	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	30,924	45,041	53,484	No	No	No	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	34,107	60,262	78,520	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	43,043	66,648	75,281	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	28,592	43,758	50,198	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	38,282	52,529	58,369	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
17-3027	Mechanical Engineering Technologists and Technicians	36,713	56,030	62,566	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3028	Calibration Technologists and Technicians	36,611	59,466	75,487	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	31,930	54,662	59,974	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,309	46,642	53,619	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	34,944	76,442	113,970	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-1012	Food Scientists and Technologists	37,154	73,773	101,629	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1013	Soil and Plant Scientists	37,313	77,762	96,985	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	37,547	82,229	103,633	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	34,092	56,067	68,680	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	37,190	49,595	53,352	Yes	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	40,123	50,113	52,000	Yes	No	No	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	30,410	50,878	67,290	No	No	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	41,122	55,300	65,104	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	54,195	81,564	95,983	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	57,723	105,244	117,810	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	52,818	81,114	86,685	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2011	Astronomers	72,940	149,195	209,288	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	72,940	149,195	209,288	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	44,720	78,392	106,954	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2031	Chemists	31,200	44,985	47,653	No	No	No	Bachelor's degree	No	No	No
19-2032	Materials Scientists	64,485	108,755	127,229	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,462	47,827	52,000	Yes	No	No	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	48,901	63,319	66,539	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2043	Hydrologists	39,402	55,246	62,808	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	42,378	101,124	125,290	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	50,003	84,106	98,259	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	49,532	94,363	119,672	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	69,691	119,935	145,131	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-3033	Clinical and Counseling Psychologists	34,320	66,775	78,540	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	38,009	53,911	72,096	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	66,206	105,004	122,678	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3041	Sociologists	27,481	54,963	47,612	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	36,504	59,806	66,889	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	40,602	58,658	62,619	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	52,818	81,114	86,685	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3093	Historians	33,708	67,331	91,648	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists	36,011	89,934	122,097	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	54,995	79,702	97,843	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-4012	Agricultural Technicians	28,137	37,425	43,446	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	30,506	49,419	68,081	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	29,609	43,216	47,627	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	47,449	61,700	64,087	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4042	Environmental Science and Protection Technicians, Including Health	29,682	41,044	45,600	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	29,644	38,118	41,648	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	33,811	52,846	63,202	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4051	Nuclear Technicians	36,611	59,466	75,487	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4061	Social Science Research Assistants	26,782	43,270	50,063	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,578	51,498	61,100	No	No	Yes	Associate's degree	No	No	Yes
19-4092	Forensic Science Technicians	31,510	51,678	63,107	No	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	40,633	47,715	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	29,622	59,040	76,332	No	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	37,772	58,371	65,075	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	35,812	47,465	53,283	Yes	No	No	Master's degree	No	Yes	Yes
21-1013	Marriage and Family Therapists	27,504	39,137	46,935	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	22,380	38,195	42,929	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	32,143	47,110	53,040	No	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	37,003	42,366	47,382	Yes	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	29,951	44,500	51,283	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	40,805	44,838	49,681	Yes	No	No	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	21,898	36,490	44,190	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	31,200	49,914	57,200	No	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	31,990	50,690	56,901	No	No	No	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	31,096	43,852	47,550	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	22,293	38,060	44,859	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	28,303	41,735	43,407	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	28,472	46,437	52,327	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	27,013	49,898	60,903	No	No	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	29,577	55,191	66,991	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	27,434	45,356	57,144	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	47,269	97,688	105,672	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	30,886	44,480	47,986	No	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	39,925	87,753	108,970	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	40,252	68,844	88,587	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
23-1023	Judges, Magistrate Judges, and Magistrates	39,925	87,753	108,970	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	35,113	50,027	59,414	Yes	No	Yes	Associate's degree	Yes	No	No
23-2099	Title Examiners, Abstractors, and Searchers	34,046	51,676	64,733	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	29,120	53,424	59,446	No	Yes	Yes	Associate's degree	No	Yes	No
25-1011	Business Teachers, Postsecondary	44,382	80,403	91,835	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	45,169	85,300	105,702	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	44,700	71,217	84,363	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	36,339	96,423	120,899	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1032	Engineering Teachers, Postsecondary	44,064	84,579	116,358	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	42,079	58,380	70,983	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	49,298	83,586	93,717	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	42,079	58,380	70,983	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	43,839	60,243	58,371	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	37,397	76,498	91,882	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	41,704	67,790	84,513	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	44,925	60,384	59,672	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	43,839	79,878	93,848	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	45,534	62,781	72,079	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	44,054	55,787	51,217	Yes	No	Yes	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	43,839	60,243	58,371	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	42,537	59,897	55,309	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	44,682	76,714	87,257	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	44,869	94,485	112,846	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	43,436	61,124	71,920	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	44,579	87,940	95,365	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	45,178	75,056	88,736	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1081	Education Teachers, Postsecondary	35,524	69,972	80,328	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	45,393	69,532	76,620	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	40,056	54,560	57,051	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	42,491	132,369	195,730	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1113	Social Work Teachers, Postsecondary	57,397	65,833	72,341	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	43,979	82,004	92,257	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	43,052	75,037	93,081	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	41,639	64,354	73,708	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	38,493	63,642	73,895	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	39,382	52,144	45,890	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	42,687	63,174	74,045	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	35,524	69,972	80,328	Yes	Yes	Yes	Master's degree	No	Yes	Yes

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	41,245	70,375	74,232	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	29,773	48,727	50,146	No	No	No	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	34,785	61,639	72,706	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	21,989	33,517	34,934	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	44,000	60,650	63,018	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	42,727	58,066	63,021	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	42,333	56,164	63,076	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	44,635	61,685	69,906	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	44,945	59,582	62,646	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	52,396	62,372	63,410	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	35,440	56,433	71,966	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	41,170	54,101	60,918	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	44,082	59,654	73,577	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	43,539	62,004	72,800	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	27,191	55,599	75,412	No	Yes	Yes	Bachelor's degree	No	No	No
	Adult Basic Education, Adult Secondary Education, and English as a Second										
25-3011	Language Instructors	39,104	56,972	63,697	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	21,737	41,951	48,671	No	No	No	Some college, no degree	No	Yes	Yes
25-3031	Substitute Teachers, Short-Term	22,357	40,436	36,326	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	23,091	38,890	55,215	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	21,661	55,682	63,003	No	Yes	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	27,500	44,036	52,584	No	No	No	Master's degree	No	No	No
25-4012	Curators	28,080	50,413	63,700	No	No	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	27,996	44,185	52,678	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	43,700	51,656	58,951	Yes	No	Yes	Master's degree	No	No	No
25-4031	Library Technicians	32,844	39,181	46,608	Yes	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	27,575	44,363	54,551	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	35,526	49,817	54,961	Yes	No	No	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	19,841	30,824	38,352	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	21,591	28,266	29,319	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	27,040	44,412	48,934	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	33,904	87,922	84,581	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
27-1012	Craft Artists	19,906	32,144	37,069	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	25,740	44,242	44,579	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	43,343	62,051	71,217	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1019	Artists and Related Workers, All Other	24,785	47,706	55,478	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	20,800	63,305	88,785	No	Yes	Yes	Bachelor's degree	No	No	Yes
27-1022	Fashion Designers	35,047	63,287	74,420	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	24,728	33,237	36,997	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	30,811	50,810	58,673	No	No	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	31,497	48,245	62,782	No	No	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,547	33,012	35,277	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	34,167	43,193	44,719	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	27,266	57,331	70,627	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	28,202	32,163	30,047	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	36,488	67,559	80,595	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	23,773	60,655	60,318	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	26,158	50,000	45,749	No	No	No	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	52,388	178,960	208,000	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
27-2031	Dancers	28,202	32,163	30,047	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	28,202	32,163	30,047	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	29,728	65,693	77,996	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	28,202	32,163	30,047	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	20,787	56,835	56,283	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	20,787	56,835	56,283	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	20,787	56,835	56,283	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	33,942	67,828	80,927	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	33,459	70,103	74,584	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	43,747	65,773	78,448	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3042	Technical Writers	48,716	76,247	81,047	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
27-3043	Writers and Authors	31,101	67,295	72,106	No	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	34,832	51,052	54,995	Yes	No	No	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	26,965	50,237	60,715	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,800	34,914	41,787	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	30,861	49,246	53,010	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	24,638	45,912	57,024	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	25,318	63,446	94,410	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	28,081	46,142	56,788	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	23,248	33,105	36,200	No	No	No	Some college, no degree	No	No	No
27-4031	Camera Operators, Television, Video, and Film	28,464	55,290	61,067	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	33,588	44,727	44,435	Yes	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	26,142	63,006	86,685	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	44,355	78,950	91,686	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	101,177	174,263	204,535	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	37,440	244,366	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	65,927	160,047	199,345	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	49,185	212,837	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	49,185	212,837	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	42,798	57,836	62,396	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	35,048	134,835	162,422	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1051	Pharmacists	66,686	114,920	134,272	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1071	Physician Assistants	78,814	117,138	137,975	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	28,998	122,425	174,260	No	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	54,725	83,859	98,583	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	53,326	88,260	102,316	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	67,758	82,472	93,643	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	34,428	46,746	55,754	Yes	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	50,460	68,039	73,519	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	60,107	83,789	95,388	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	37,097	49,672	53,118	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	37,536	62,350	52,286	Yes	Yes	No	Bachelor's degree	No	No	No
29-1131	Veterinarians	58,841	105,821	125,535	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
29-1141	Registered Nurses	57,191	71,903	78,749	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
29-1151	Nurse Anesthetists	74,045	172,962	180,227	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	45,304	84,098	101,385	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1171	Nurse Practitioners	86,775	137,955	128,459	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	58,043	88,979	100,590	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	181,014	434,133	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	185,453	688,676	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	63,548	182,613	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	172,013	320,055	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	127,353	221,994	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	57,220	331,450	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	87,406	257,257	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	213,261	294,192	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	112,668	207,217	223,062	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	93,081	238,446	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	50,408	238,017	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	47,640	285,047	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	125,202	241,889	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	95,515	205,599	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	60,861	300,028	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	60,861	300,028	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1249	Surgeons, All Other	61,314	388,240	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	27,154	47,341	51,114	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	55,308	68,388	75,030	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	68,411	140,611	180,255	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	27,626	49,666	62,710	No	No	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	27,915	42,143	60,951	No	No	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	56,772	77,958	80,518	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	61,983	77,100	79,034	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	37,298	58,546	62,095	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	40,234	64,391	73,511	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	94,588	119,663	133,024	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	24,614	32,020	36,331	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	35,710	47,845	48,492	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	26,278	28,561	30,770	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	28,507	34,997	36,815	No	No	No	Postsecondary nondegree award	Yes	No	No
29-2053	Psychiatric Technicians	25,357	32,245	34,497	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	22,397	41,817	47,987	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2056	Veterinary Technologists and Technicians	26,922	35,640	42,048	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	26,832	32,872	35,810	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	39,151	48,869	51,536	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	28,476	44,771	54,569	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2081	Opticians, Dispensing	28,582	49,504	62,099	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	39,925	78,165	90,871	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	29,213	49,682	62,734	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	30,691	40,137	43,228	No	No	No	Postsecondary nondegree award	Yes	No	No
29-9021	Health Information Technologists and Medical Registrars	30,841	54,798	78,275	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	37,144	51,620	57,406	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	48,165	83,118	96,423	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-9093	Surgical Assistants	24,011	47,307	50,529	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	30,462	88,518	119,517	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-1120	Home Health and Personal Care Aides	20,985	27,296	29,531	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	22,643	28,246	31,106	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	27,040	31,409	33,280	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	27,040	31,003	34,070	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	39,662	57,387	66,215	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	28,034	52,453	63,970	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	45,841	61,333	68,053	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	23,774	26,402	27,547	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	27,154	47,341	51,114	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	30,140	38,454	43,390	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	29,627	34,934	36,709	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9093	Medical Equipment Preparers	24,186	31,760	36,516	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	25,110	37,165	43,929	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,787	27,974	29,950	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	24,201	30,146	34,007	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	29,161	33,842	35,842	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9099	Healthcare Support Workers, All Other	25,626	35,967	39,728	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	42,099	50,207	49,878	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	57,767	88,010	108,164	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	39,645	84,031	92,577	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	29,635	46,846	48,973	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	24,567	49,406	62,421	No	No	Yes	Some college, no degree	No	Yes	Yes
33-2011	Firefighters	31,200	44,988	58,711	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	36,837	72,884	87,364	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	52,116	85,702	96,751	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	27,322	51,845	61,058	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	38,750	45,801	51,529	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
33-3021	Detectives and Criminal Investigators	31,782	59,350	77,730	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	25,318	27,453	27,612	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	29,728	38,137	39,691	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	38,043	61,447	84,257	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	55,918	69,476	57,022	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	31,754	40,373	40,067	No	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	32,265	51,328	59,010	No	No	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	26,564	33,361	36,161	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,333	30,272	32,097	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	23,595	28,702	31,599	No	No	No	No formal educational credential	Yes	Yes	Yes
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,948	24,816	25,935	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	35,277	42,066	46,280	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	24,405	24,684	24,811	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	25,118	34,452	35,734	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	31,506	52,178	62,615	No	Yes	Yes	Associate's degree	No	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	25,448	36,087	42,334	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,079	24,544	26,600	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	23,163	29,549	31,501	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	30,290	55,112	67,912	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	22,942	29,485	33,182	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	22,217	29,032	30,939	No	No	No	No formal educational credential	Yes	Yes	No
35-2019	Cooks, All Other	24,016	32,471	34,603	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	21,983	28,876	32,282	No	No	No	No formal educational credential	No	Yes	Yes
35-3011	Bartenders	20,800	32,235	36,476	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	20,946	23,717	26,239	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,800	29,910	34,464	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,136	26,625	27,716	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,800	26,626	30,798	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,208	24,752	26,551	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,800	26,075	27,695	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	20,777	26,442	27,051	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	28,038	42,025	48,837	No	No	No	High school diploma or equivalent	No	No	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	30,253	47,197	56,662	No	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,064	26,695	28,560	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	21,492	26,029	28,275	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	22,884	28,483	31,086	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	29,586	39,863	45,907	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	26,236	30,788	34,197	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	21,555	32,184	36,936	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	26,236	36,788	44,167	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	30,899	54,054	66,339	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	29,282	49,997	55,720	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	26,539	42,590	48,523	No	No	No	Some college, no degree	No	Yes	Yes
39-2011	Animal Trainers	26,257	29,803	28,993	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	22,509	27,403	28,484	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,103	32,959	44,513	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,066	26,779	28,811	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	19,476	30,328	35,262	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	29,794	36,011	40,262	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20,075	24,672	26,564	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,800	24,720	27,347	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	24,213	38,895	45,262	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,217	28,361	31,011	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	21,807	27,144	27,191	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	30,590	43,717	48,979	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	29,101	37,088	44,326	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	22,144	28,549	31,620	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	32,472	51,976	60,496	No	Yes	Yes	Associate's degree	No	Yes	Yes
39-5011	Barbers	20,800	31,007	35,183	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,599	33,521	38,847	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	35,272	40,983	36,348	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
39-5092	Manicurists and Pedicurists	21,049	31,414	32,978	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,476	22,978	24,794	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	25,437	39,759	45,336	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	20,243	27,781	32,257	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	22,459	31,668	34,503	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	22,793	24,301	23,207	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,258	26,017	28,136	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	36,683	45,657	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	25,562	26,081	25,562	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	23,002	34,687	39,052	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	27,894	32,870	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	26,606	45,982	54,409	No	No	No	Some college, no degree	No	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	39,852	93,962	109,664	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	20,800	24,917	27,349	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	19,878	31,161	32,285	No	No	No	No formal educational credential	No	Yes	Yes
41-2021	Counter and Rental Clerks	23,428	34,715	40,815	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	21,593	34,067	39,355	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	20,965	29,565	30,290	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	35,630	63,114	64,506	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	29,520	60,938	72,679	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	36,005	69,609	75,881	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	25,084	42,698	52,876	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	30,592	60,405	72,011	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	39,998	88,211	101,364	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	30,450	65,584	75,239	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	19,831	45,964	73,174	No	No	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models	20,581	30,599	32,903	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	29,711	69,813	88,123	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	21,398	46,324	55,619	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	45,674	115,609	150,487	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	20,112	29,345	30,787	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,187	33,221	46,742	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	20,833	36,383	39,906	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	34,846	57,761	68,569	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	24,042	26,219	27,040	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	24,401	29,316	32,097	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	21,751	46,058	54,017	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	30,828	41,110	46,184	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	27,777	37,184	40,758	No	No	No	High school diploma or equivalent	No	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,082	43,896	47,449	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	20,777	30,009	35,702	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	32,991	43,183	46,680	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	29,414	39,095	49,213	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	28,153	33,896	37,025	No	No	No	High school diploma or equivalent	No	No	No
43-3099	Financial Clerks, All Other	28,530	46,356	54,853	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	34,888	51,938	56,367	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	31,311	34,972	38,015	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	30,503	37,747	39,009	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	27,032	40,899	47,669	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	24,353	32,625	35,874	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	31,533	31,200	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	27,040	34,405	46,117	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	22,484	26,747	27,693	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	25,473	33,990	38,033	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	25,139	30,915	29,218	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	31,225	43,991	54,318	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	33,951	40,665	44,045	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	24,038	33,651	35,997	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	29,120	38,650	43,779	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	22,090	29,937	33,556	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	20,800	45,550	70,301	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
43-4199	Information and Record Clerks, All Other	28,924	38,974	43,927	No	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	39,088	47,084	49,354	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	21,988	30,460	33,380	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	25,276	37,285	40,386	No	No	No	High school diploma or equivalent	No	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	27,907	39,547	46,843	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	29,409	43,247	59,023	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5051	Postal Service Clerks	39,770	54,439	65,083	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	53,384	67,808	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	39,770	52,996	67,163	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	32,048	44,948	51,368	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	24,592	33,779	37,542	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	23,358	33,335	38,564	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	35,006	49,915	58,863	Yes	No	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	30,877	41,799	44,989	No	No	No	Some college, no degree	Yes	Yes	No
43-6013	Medical Secretaries and Administrative Assistants	26,934	32,936	35,689	No	No	No	Some college, no degree	No	No	No

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,988	36,695	40,602	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	24,871	32,805	35,826	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	22,247	31,517	34,803	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,073	46,854	56,620	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	28,180	42,944	48,798	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	21,841	33,076	36,688	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,001	35,780	40,820	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	22,135	28,414	29,937	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	26,405	32,640	34,185	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	30,186	37,883	40,244	No	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	26,551	36,599	43,484	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	29,781	57,131	70,339	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	25,318	36,685	39,017	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	25,328	34,878	36,891	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	20,899	24,635	25,627	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	24,569	34,045	36,208	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	22,433	28,279	31,521	No	No	No	No formal educational credential	Yes	No	Yes
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	25,066	33,670	40,300	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,112	33,408	39,251	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	25,066	33,670	40,300	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	30,646	39,569	46,685	No	No	No	Postsecondary nondegree award	Yes	No	Yes
45-4021	Fallers	36,657	43,549	49,251	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-4022	Logging Equipment Operators	27,167	33,867	39,463	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	20,899	24,635	25,627	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	38,961	42,219	43,708	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	39,434	62,100	73,686	Yes	Yes	Yes	Some college, no degree	Yes	Yes	No
47-2011	Boilermakers	30,397	51,421	56,174	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2021	Brickmasons and Blockmasons	29,872	43,077	49,535	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2022	Stonemasons	27,294	43,521	54,036	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2031	Carpenters	29,402	40,894	45,413	No	No	No	Postsecondary nondegree award	Yes	Yes	No
47-2041	Carpet Installers	28,947	40,836	51,844	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	31,611	42,472	47,903	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	22,743	36,845	45,890	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	29,432	41,181	46,743	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	29,113	41,389	47,254	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	32,893	48,633	54,101	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	26,223	35,422	38,896	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	28,727	37,837	41,957	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	32,425	45,281	46,639	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	29,917	39,714	43,082	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	20,800	34,613	43,365	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	26,779	39,298	44,111	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	34,963	46,388	47,974	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	26,779	39,298	44,111	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	27,416	40,721	45,243	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	34,102	44,934	47,320	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	28,256	36,555	41,624	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	27,762	34,625	41,695	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	32,321	38,535	39,839	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	33,299	44,109	47,831	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	25,197	39,139	44,288	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	33,006	43,942	51,582	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	23,859	38,890	44,663	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	28,999	41,604	45,795	No	No	No	High school diploma or equivalent	Yes	No	No
47-2221	Structural Iron and Steel Workers	30,671	40,039	38,776	No	No	No	High school diploma or equivalent	Yes	No	No
47-2231	Solar Photovoltaic Installers	33,268	40,702	43,830	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,800	31,032	34,333	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	25,749	32,329	35,360	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	27,985	31,648	34,382	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	24,963	29,448	30,833	No	No	No	No formal educational credential	Yes	Yes	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	27,329	33,512	36,601	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	27,978	33,942	36,077	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	28,861	35,193	37,188	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	40,319	57,656	66,170	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	45,684	79,223	96,461	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	27,795	36,300	39,859	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	28,558	37,828	43,333	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	25,693	34,532	37,060	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	42,200	51,348	58,296	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	29,898	44,176	46,199	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-4090	Miscellaneous Construction and Related Workers	27,384	39,796	42,024	No	No	No	High school diploma or equivalent	No	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas	38,333	50,552	52,828	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	34,953	50,843	58,464	Yes	No	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	35,484	43,982	47,398	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5023	Earth Drillers, Except Oil and Gas	36,351	47,274	58,240	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	49,775	66,358	76,479	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	25,712	37,687	41,695	No	No	No	No formal educational credential	Yes	Yes	Yes



## Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	33,567	38,006	42,144	Yes	No	No	No formal educational credential	Yes	Yes	
47-5049	Underground Mining Machine Operators, All Other										
47-5051	Rock Splitters, Quarry	34,551	62,678	83,605	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	32,032	46,320	57,247	No	No	No	No formal educational credential	Yes	Yes	
47-5081	Helpers-Extraction Workers	27,519	32,884	36,077	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	26,030	41,976	41,030	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	33,924	59,006	70,007	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	26,043	36,257	42,033	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	44,011	60,999	70,565	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	26,972	50,692	66,394	No	No	Yes	Postsecondary nondegree award	No	Yes	
49-2091	Avionics Technicians	35,927	64,120	73,483	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	27,369	42,306	47,755	No	No	No	High school diploma or equivalent	No	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	37,528	52,678	59,569	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	38,815	58,500	64,782	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	37,397	71,582	92,631	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	31,096	41,536	45,487	No	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	35,777	44,120	47,341	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2098	Security and Fire Alarm Systems Installers	30,437	40,905	48,174	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-3011	Aircraft Mechanics and Service Technicians	37,234	54,516	59,092	Yes	Yes	Yes	Associate's degree	Yes	No	
49-3021	Automotive Body and Related Repairers	30,346	43,876	44,077	No	No	No	Postsecondary nondegree award	Yes	No	
49-3022	Automotive Glass Installers and Repairers	31,395	43,324	51,320	No	No	No	High school diploma or equivalent	Yes	Yes	
49-3023	Automotive Service Technicians and Mechanics	26,416	41,318	49,915	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	32,908	50,401	60,416	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	28,961	44,579	46,367	No	No	No	High school diploma or equivalent	Yes	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	34,327	55,315	61,727	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	35,066	50,346	55,983	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	30,829	45,543	46,924	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	23,336	37,193	44,933	No	No	No	High school diploma or equivalent	No	No	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	28,057	38,245	43,947	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	21,966	34,242	40,899	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	27,503	42,425	42,101	No	No	No	High school diploma or equivalent	No	No	
49-3093	Tire Repairers and Changers	26,016	31,072	33,513	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	29,852	39,125	39,512	No	No	No	High school diploma or equivalent	Yes	No	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	34,979	52,695	54,827	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	30,576	44,562	50,797	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	23,784	39,918	45,792	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	34,973	54,365	62,964	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	29,061	45,806	57,036	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	38,230	52,388	61,845	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons										
49-9051	Electrical Power-Line Installers and Repairers	36,165	70,548	84,450	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	31,110	43,050	51,114	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	37,687	50,084	55,871	Yes	No	No	Associate's degree	Yes	No	
49-9062	Medical Equipment Repairers	27,137	52,963	66,855	No	Yes	Yes	Associate's degree	No	Yes	
49-9063	Musical Instrument Repairers and Tuners	26,713	39,326	48,249	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	23,193	27,594	26,919	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	37,987	54,036	61,835	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	27,174	38,077	44,726	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians										
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	26,074	33,310	38,033	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	37,032	49,878	53,427	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	28,308	41,351	52,155	No	No	No	High school diploma or equivalent	No	Yes	
49-9095	Manufactured Building and Mobile Home Installers	20,468	28,942	36,620	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	31,170	48,455	56,264	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	44,260	59,307	66,966	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers-Installation, Maintenance, and Repair Workers	20,800	30,926	34,550	No	No	No	High school diploma or equivalent	No	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	27,498	37,207	42,451	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	35,324	59,415	71,601	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	30,964	44,073	52,294	No	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	31,124	42,622	45,412	No	No	No	High school diploma or equivalent	Yes	Yes	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	23,814	35,262	40,419	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	31,526	40,762	45,187	No	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	33,074	40,705	48,880	Yes	No	No	High school diploma or equivalent	Yes	Yes	
51-2051	Fiberglass Laminators and Fabricators	27,650	35,412	37,968	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	22,561	31,680	35,333	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	24,328	29,732	33,920	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	26,155	37,069	42,401	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	24,996	26,266	24,996	No	No	No	No formal educational credential	Yes	No	
51-3023	Slaughtering and Meat Packers	24,925	26,208	27,200	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	23,305	34,691	34,064	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	26,709	27,632	26,714	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	23,511	29,981	33,202	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	22,500	29,813	33,390	No	No	No	No formal educational credential	Yes	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	29,232	37,912	42,032	No	No	No	High school diploma or equivalent	Yes	No	

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	28,418	37,537	42,875	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	28,727	39,260	42,406	No	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	31,039	36,980	39,962	No	No	No	High school diploma or equivalent	Yes	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,240	52,697	78,287	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	24,326	31,948	34,036	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,161	36,461	44,794	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	29,532	39,485	43,240	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	29,617	46,006	48,631	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	36,667	46,751	47,622	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal										
51-4061	Model Makers, Metal and Plastic	30,955	48,755	56,742	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic										
51-4071	Foundry Mold and Coremakers	21,798	37,650	51,479	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	25,768	34,635	37,238	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,213	35,646	36,058	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	36,648	54,579	61,582	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	28,809	40,485	45,276	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	27,856	35,290	38,380	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23,371	38,184	44,382	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic										
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	28,174	37,697	42,013	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	25,787	34,504	36,423	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	27,406	36,582	42,912	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	28,495	34,505	38,599	No	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	23,304	32,632	36,144	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	29,566	36,251	36,660	No	No	No	High school diploma or equivalent	Yes	No	No
51-6011	Laundry and Dry-Cleaning Workers	20,800	24,258	26,553	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	22,322	26,816	27,622	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	19,476	28,184	32,603	No	No	No	No formal educational credential	No	No	Yes
51-6041	Shoe and Leather Workers and Repairers	22,060	30,880	34,860	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	20,646	27,903	28,446	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	28,500	29,954	29,264	No	No	No	No formal educational credential	Yes	Yes	No
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	21,610	25,880	26,451	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	25,983	31,067	34,092	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	25,843	29,719	32,360	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	21,788	31,451	35,749	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	31,639	55,122	78,399	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	25,290	47,313	73,109	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	26,273	35,599	40,159	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	25,618	31,994	35,684	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	29,643	37,674	41,600	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	28,802	42,856	50,375	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	24,494	32,463	35,693	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	24,410	32,238	36,086	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	25,787	30,534	30,861	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	45,459	71,723	90,805	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	50,253	83,109	97,116	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	53,198	77,588	87,587	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	45,169	58,989	63,783	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	31,247	49,678	58,504	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	39,176	58,034	62,828	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	32,369	48,802	59,008	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	45,393	58,914	74,232	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	37,772	54,223	60,787	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	41,023	53,431	65,323	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,498	40,037	46,489	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,395	38,876	44,017	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	26,667	33,305	36,217	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	26,590	37,078	43,594	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	20,552	33,390	37,509	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	26,807	36,330	41,592	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	25,955	35,787	42,303	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	28,717	36,779	41,283	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	24,201	40,263	48,695	No	No	No	Postsecondary nondegree award	No	No	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	33,084	49,052	59,826	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-9081	Dental Laboratory Technicians	33,074	49,964	49,402	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes

Wages - Workforce Region 5

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	26,582	37,743	46,714	No	No	No	Postsecondary nondegree award	No	No	Yes
51-9083	Ophthalmic Laboratory Technicians	26,639	32,200	33,783	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	20,800	26,216	29,370	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,614	33,633	39,766	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	26,760	39,895	42,514	No	No	No	High school diploma or equivalent	No	No	No
51-9141	Semiconductor Processing Technicians	35,655	44,869	47,584	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	21,919	33,146	35,693	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	36,392	45,898	52,371	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9162	Computer Numerically Controlled Tool Programmers	34,438	56,273	65,655	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	21,788	31,451	35,749	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	24,401	33,764	44,260	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	25,852	42,846	45,637	No	No	No	High school diploma or equivalent	No	Yes	No
51-9194	Etchers and Engravers	27,369	32,640	35,974	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	27,228	36,058	40,075	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	27,322	41,648	49,064	No	No	No	High school diploma or equivalent	No	No	Yes
51-9197	Tire Builders	27,191	35,187	38,024	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	21,499	29,823	33,493	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	27,589	31,835	30,092	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	35,449	53,455	58,315	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	34,569	52,530	62,244	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	101,994	253,483	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	38,193	86,977	104,022	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	74,869	118,315	147,238	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	74,869	118,315	147,238	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	32,968	64,869	74,073	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	24,110	28,708	30,478	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	32,097	37,652	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	30,502	42,882	47,013	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	23,239	39,628	44,455	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	29,124	35,526	39,860	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	25,043	35,050	42,627	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	22,318	30,742	30,218	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,541	29,672	29,906	No	No	No	No formal educational credential	No	Yes	No
53-3099	Motor Vehicle Operators, All Other	20,800	26,672	27,621	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	52,987	64,363	69,532	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	30,150	50,543	48,689	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	36,639	55,403	57,949	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	59,335	66,976	69,579	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	27,360	39,101	49,111	No	No	No	High school diploma or equivalent	No	No	Yes
53-4099	Rail Transportation Workers, All Other	38,633	39,279	38,642	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	27,266	42,640	47,041	No	No	No	High school diploma or equivalent	No	Yes	No
53-5021	Captains, Mates, and Pilots of Water Vessels	35,009	80,749	118,521	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	26,676	42,537	49,850	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5031	Ship Engineers	67,949	92,032	102,425	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,547	30,000	34,064	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	19,916	25,496	27,069	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	23,411	28,579	29,823	No	No	No	No formal educational credential	Yes	No	No
53-6032	Aircraft Service Attendants	27,903	34,616	34,981	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	30,263	52,294	64,918	No	Yes	Yes	Associate's degree	No	Yes	Yes
53-6051	Transportation Inspectors	37,640	80,066	101,011	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	19,925	30,515	35,665	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,476	28,783	30,496	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	27,659	32,425	33,530	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	24,051	47,318	52,446	No	No	No	High school diploma or equivalent	No	Yes	Yes
53-7031	Dredge Operators	33,436	44,316	46,152	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	30,206	47,331	48,502	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	28,590	36,081	39,270	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	21,394	27,665	29,112	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,194	30,492	32,784	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,191	35,187	38,024	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	20,800	24,663	25,413	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	23,916	30,723	32,901	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	28,745	34,288	31,854	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	30,730	43,221	48,521	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-7073	Wellhead Pumps										
53-7081	Refuse and Recyclable Material Collectors	30,081	38,915	41,260	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	40,599	56,582	57,453	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	26,908	33,844	34,036	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 5

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	32,643	51,661	58,320	817
No formal educational credential	22,140	28,611	31,343	82
High school diploma or equivalent	28,421	42,080	48,351	230
Some college, no degree	26,941	40,563	45,648	49
Postsecondary nondegree award	28,422	40,557	46,011	89
Associate's degree	34,775	51,658	59,855	67
Bachelor's degree	41,320	71,624	81,874	184
Master's degree	46,357	68,909	75,916	43
Doctoral or professional degree	56,060	113,597	118,448	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	442	375	436	381	442	375
No formal educational credential	35.37%	64.63%	30.49%	69.51%	32.93%	67.07%
High school diploma or equivalent	66.52%	33.48%	73.04%	26.96%	76.52%	23.48%
Some college, no degree	36.73%	63.27%	28.57%	71.43%	30.61%	69.39%
Postsecondary nondegree award	29.21%	70.79%	29.21%	70.79%	30.34%	69.66%
Associate's degree	52.24%	47.76%	37.31%	62.69%	37.31%	62.69%
Bachelor's degree	56.52%	43.48%	61.41%	38.59%	60.33%	39.67%
Master's degree	67.44%	32.56%	48.84%	51.16%	46.51%	53.49%
Doctoral or professional degree	65.75%	34.25%	60.27%	39.73%	56.16%	43.84%

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	32,693	142,203	168,391	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1021	General and Operations Managers	34,192	91,758	118,593	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	29,002	82,677	119,762	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-2011	Advertising and Promotions Managers	48,806	105,348	127,170	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	60,785	117,678	159,994	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	50,430	118,359	137,704	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	55,320	104,834	121,776	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	59,822	113,645	138,370	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	48,316	78,435	101,005	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	43,233	88,673	109,954	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	50,950	127,713	162,364	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	54,326	108,832	133,963	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	62,155	124,492	170,048	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	69,020	123,724	150,204	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	46,867	83,187	117,478	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	67,182	112,001	140,272	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	70,588	113,606	135,353	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	57,360	105,909	125,920	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	22,207	81,607	114,013	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	41,995	94,884	120,928	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	28,170	47,161	50,451	No	Yes	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	60,762	85,175	100,995	Yes	Yes	Yes	Master's degree	Yes	No	Yes
11-9033	Education Administrators, Postsecondary	55,862	93,138	95,692	Yes	Yes	Yes	Master's degree	Yes	No	Yes
11-9039	Education Administrators, All Other	32,534	66,217	86,780	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9041	Architectural and Engineering Managers	102,985	142,464	155,501	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	30,147	47,460	47,581	No	Yes	No	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers										
11-9072	Entertainment and Recreation Managers, Except Gambling	36,917	76,223	90,446	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9081	Lodging Managers	30,367	65,689	90,756	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-9111	Medical and Health Services Managers	47,756	86,633	101,243	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	46,096	97,934	119,535	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	75,254	81,333	92,071	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	34,635	59,000	61,606	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	36,838	64,811	78,361	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	46,031	82,682	98,816	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	43,018	74,339	75,322	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	44,056	72,006	86,679	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9199	Managers, All Other	47,017	87,793	92,700	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes										
13-1020	Buyers and Purchasing Agents	28,737	58,640	74,739	No	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	36,641	62,726	73,990	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage										
13-1041	Compliance Officers	30,618	49,782	60,195	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	31,200	63,150	75,023	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	34,665	57,051	65,630	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	22,207	81,607	114,013	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	37,661	71,675	91,750	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1081	Logisticians	30,160	49,973	62,127	No	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	30,728	83,898	97,510	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1111	Management Analysts	36,982	73,556	97,006	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	29,429	50,837	61,164	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	30,467	55,550	70,692	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	36,549	64,462	73,907	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	26,174	47,427	49,962	No	Yes	No	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	31,240	61,327	69,992	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	32,960	62,517	72,925	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	38,418	71,110	79,868	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
13-2020	Property Appraisers and Assessors	37,805	62,528	68,639	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	43,211	72,309	87,487	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2041	Credit Analysts	46,132	78,318	92,439	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	47,593	83,803	93,340	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	34,179	110,953	130,606	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	42,935	66,658	78,501	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	49,982	101,039	117,476	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	41,042	72,153	88,452	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2071	Credit Counselors	31,331	45,168	45,462	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	35,888	61,882	82,181	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	27,325	47,207	59,170	No	Yes	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	23,731	46,981	61,834	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	33,416	59,776	73,439	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	39,187	63,551	79,824	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1212	Information Security Analysts	58,536	102,785	123,164	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	72,750	121,207	162,984	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	43,805	72,431	81,057	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	30,890	62,533	64,908	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	59,437	106,129	127,326	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	46,408	92,118	117,908	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	67,990	121,620	145,472	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	53,706	78,863	93,919	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	44,644	85,741	99,689	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	50,528	113,187	130,553	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	44,139	82,443	99,018	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	43,900	74,532	87,689	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	40,271	78,410	89,279	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	35,640	62,290	67,307	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2011	Actuaries	65,225	115,161	124,138	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians										
15-2031	Operations Research Analysts	36,012	44,816	42,775	Yes	No	No	Bachelor's degree	No	No	No
15-2041	Statisticians	37,413	77,013	93,285	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	48,604	92,596	117,431	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	35,355	82,645	95,159	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-1012	Landscape Architects	35,135	61,522	70,655	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	40,656	63,240	74,376	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	28,028	51,088	61,446	No	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	71,059	106,451	123,890	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	54,640	90,776	113,709	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	61,908	100,268	123,338	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	47,382	92,706	113,737	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	61,476	109,942	127,813	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	56,827	92,476	117,504	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	71,013	97,723	113,498	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	52,595	89,543	99,074	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	46,004	78,327	95,968	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	62,755	97,116	130,090	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	47,345	71,675	84,290	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2131	Materials Engineers	52,224	85,346	104,558	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	37,963	79,142	98,236	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers										
17-2161	Nuclear Engineers										
17-2171	Petroleum Engineers										
17-2199	Engineers, All Other	45,122	90,473	113,728	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	35,373	53,896	61,173	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3012	Electrical and Electronics Drafters	42,503	53,832	63,286	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	32,488	52,536	63,736	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3019	Drafters, All Other	33,591	50,956	57,939	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3021	Aerospace Engineering and Operations Technologists and Technicians										
17-3022	Civil Engineering Technologists and Technicians	33,490	51,507	60,227	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	31,387	53,882	67,133	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	42,237	65,399	73,871	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	28,841	42,457	47,988	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	39,164	44,345	45,607	Yes	No	No	Associate's degree	Yes	No	No
17-3027	Mechanical Engineering Technologists and Technicians	36,026	54,980	61,394	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3028	Calibration Technologists and Technicians	35,925	58,352	74,073	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	32,856	62,910	79,080	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,513	45,937	55,270	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-1011	Animal Scientists										
19-1012	Food Scientists and Technologists	36,458	72,391	99,725	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1013	Soil and Plant Scientists	36,614	76,306	95,168	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	36,843	80,688	101,692	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	33,453	55,017	67,393	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	31,037	49,275	53,143	Yes	Yes	Yes	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	38,222	57,213	66,906	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	30,992	55,310	74,964	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	41,122	62,057	81,353	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1041	Epidemiologists	53,180	80,036	94,185	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	50,680	91,098	114,307	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other										
19-2011	Astronomers										
19-2012	Physicists										
19-2021	Atmospheric and Space Scientists	57,516	77,132	83,095	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2031	Chemists	36,485	68,257	82,719	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	63,277	106,717	124,845	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,462	55,552	59,758	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	44,322	84,703	102,050	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	39,820	62,671	74,744	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2099	Physical Scientists, All Other	41,584	99,229	122,943	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	55,660	88,397	107,765	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	48,604	92,596	117,431	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	68,386	117,688	142,412	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-3033	Clinical and Counseling Psychologists	34,335	86,587	113,912	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	41,980	68,257	75,120	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	45,250	92,403	110,843	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	26,966	53,933	46,720	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	36,878	54,807	64,241	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	36,807	57,948	68,551	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	33,076	66,070	89,931	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists										
19-3099	Social Scientists and Related Workers, All Other	51,939	79,016	94,360	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-4012	Agricultural Technicians	27,610	36,724	42,632	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	29,934	48,494	66,805	No	Yes	Yes	Associate's degree	No	Yes	Yes
19-4021	Biological Technicians	27,123	39,811	46,050	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	29,466	47,161	57,121	No	Yes	Yes	Associate's degree	No	No	Yes
19-4042	Environmental Science and Protection Technicians, Including Health	25,910	38,608	44,681	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	29,089	37,404	40,868	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	33,178	51,857	62,018	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4051	Nuclear Technicians										
19-4061	Social Science Research Assistants	28,271	45,315	52,040	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	31,257	43,349	51,581	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	34,473	56,037	68,790	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	32,814	27,040	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	31,200	70,993	91,261	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-5012	Occupational Health and Safety Technicians	37,064	57,277	63,856	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	36,119	56,847	62,625	Yes	Yes	Yes	Master's degree	No	No	No
21-1013	Marriage and Family Therapists	31,358	41,695	44,662	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	23,601	43,198	41,995	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	36,316	53,724	64,249	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	27,959	39,196	42,191	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	31,579	46,410	49,724	Yes	Yes	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	35,153	53,839	57,899	Yes	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	31,105	41,971	44,941	Yes	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	34,798	44,993	49,192	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	29,224	35,772	38,580	No	No	No	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	29,659	40,702	45,498	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	23,923	36,627	39,374	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	28,501	43,845	55,256	No	No	Yes	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	30,722	39,113	45,313	Yes	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	31,200	42,204	55,842	Yes	No	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	27,343	49,560	59,584	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	26,921	44,506	56,074	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	52,998	88,743	101,884	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	34,335	52,049	58,362	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	39,177	86,109	106,929	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	39,177	86,109	106,929	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	29,206	46,040	56,697	No	Yes	Yes	Associate's degree	No	No	Yes
23-2093	Title Examiners, Abstractors, and Searchers	29,135	49,183	57,424	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
23-2099	Legal Support Workers, All Other	27,040	58,619	62,790	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	43,551	78,896	90,115	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	44,322	83,702	103,722	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	43,863	69,883	82,783	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary										
25-1032	Engineering Teachers, Postsecondary	43,238	82,994	114,178	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary										
25-1042	Biological Science Teachers, Postsecondary	48,374	82,020	91,962	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary										
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	43,018	59,115	57,277	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	36,696	75,065	90,161	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary										
25-1054	Physics Teachers, Postsecondary	44,084	59,253	58,554	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary										
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary										
25-1063	Economics Teachers, Postsecondary	43,229	54,742	50,258	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary										
25-1065	Political Science Teachers, Postsecondary	41,741	58,775	54,273	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	43,845	75,276	85,622	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary										
25-1069	Social Sciences Teachers, Postsecondary, All Other	42,623	59,979	70,572	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	43,744	86,293	93,579	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	44,332	73,650	87,074	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1081	Education Teachers, Postsecondary	34,859	68,661	78,823	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary										
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	39,306	53,538	55,982	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary										
25-1113	Social Work Teachers, Postsecondary										
25-1121	Art, Drama, and Music Teachers, Postsecondary	43,156	80,468	90,528	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	42,246	73,632	91,337	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	40,859	63,148	72,327	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	37,771	62,450	72,511	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	38,644	51,167	45,030	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	41,888	61,991	72,658	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary										

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary										
25-1194	Career/Technical Education Teachers, Postsecondary	32,259	53,354	67,788	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other										
25-2011	Preschool Teachers, Except Special Education	22,784	30,530	31,109	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	39,061	56,921	60,659	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	46,311	57,211	61,163	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	44,459	54,963	59,276	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	43,799	60,530	68,597	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	48,181	60,558	62,465	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	43,413	57,562	62,395	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	34,776	55,375	70,618	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	40,399	53,088	59,776	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2057	Special Education Teachers, Middle School	43,257	58,536	72,199	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	40,352	50,072	51,482	Yes	Yes	No	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	26,682	54,558	73,999	No	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	37,606	47,732	49,114	Yes	Yes	No	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	23,513	40,526	48,271	No	No	No	Some college, no degree	No	Yes	Yes
25-3031	Substitute Teachers, Short-Term	20,800	26,970	29,443	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	20,535	39,416	47,777	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	38,286	57,998	61,519	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-4011	Archivists										
25-4012	Curators	28,951	51,958	64,977	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	27,472	43,358	51,691	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	24,486	52,161	72,428	No	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	23,150	29,018	30,101	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	24,427	41,060	47,002	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	28,963	58,777	76,045	No	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	19,469	30,247	37,634	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	21,402	27,762	28,703	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	22,345	44,497	58,205	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	45,636	81,561	91,943	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	19,533	31,542	36,375	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	25,258	43,413	43,744	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	42,531	60,888	69,883	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1019	Artists and Related Workers, All Other	24,320	46,812	54,438	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	20,939	54,190	68,928	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	34,390	62,101	73,025	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	21,988	29,992	30,295	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	30,193	42,774	52,499	No	No	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	32,066	58,113	68,836	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	28,170	35,524	39,197	No	No	No	Some college, no degree	Yes	No	No
27-1027	Set and Exhibit Designers	33,527	42,384	43,881	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	26,755	56,258	69,304	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	27,674	31,560	29,484	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	34,565	74,450	89,022	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
27-2021	Athletes and Sports Competitors	23,328	59,519	59,188	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	23,328	59,519	59,188	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	19,497	42,558	42,779	No	No	No	Some college, no degree	No	Yes	Yes
27-2031	Dancers	27,674	31,560	29,484	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers										
27-2041	Music Directors and Composers	29,172	64,462	76,535	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	27,674	31,560	29,484	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	20,397	55,771	55,228	No	Yes	Yes	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	20,397	55,771	55,228	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys										
27-3023	News Analysts, Reporters, and Journalists	33,306	66,557	79,411	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	34,239	55,216	70,081	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	33,894	62,753	72,952	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	46,169	70,058	78,759	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	32,782	57,856	67,017	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	29,199	49,642	66,989	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	25,993	48,439	58,701	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	19,432	43,394	53,703	No	No	Yes	Associate's degree	No	No	Yes
27-4011	Audio and Video Technicians	23,622	45,976	55,559	No	Yes	Yes	Associate's degree	No	No	Yes
27-4012	Broadcast Technicians	25,046	58,913	77,840	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	24,844	52,257	92,642	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians										
27-4021	Photographers	25,248	40,050	48,099	No	No	No	Some college, no degree	Yes	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	27,931	54,255	59,923	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	30,467	50,837	59,721	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	25,653	61,825	85,062	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	42,843	80,890	91,870	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	64,692	157,049	195,610	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	48,264	208,850	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	64,692	157,049	195,610	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists										
29-1029	Dentists, All Other Specialists										



Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	42,485	58,876	68,716	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	33,058	99,983	129,053	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	73,176	118,458	136,381	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1071	Physician Assistants	39,490	101,921	122,677	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	28,455	120,132	170,996	No	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	69,671	96,234	104,038	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	65,196	90,363	98,830	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1124	Radiation Therapists	58,481	78,584	82,572	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	27,996	49,872	58,003	No	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	47,106	63,130	69,332	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	50,543	79,880	92,256	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	36,402	48,742	52,123	Yes	Yes	Yes	Master's degree	No	No	No
29-1129	Therapists, All Other	32,571	57,048	70,655	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	78,493	117,382	133,335	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1141	Registered Nurses	48,194	75,419	80,379	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
29-1151	Nurse Anesthetists	112,386	160,228	183,942	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	57,994	89,757	103,107	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	86,775	102,776	109,352	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	56,956	87,313	98,706	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	95,554	275,619	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	165,786	393,986	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	189,234	318,728	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	42,442	108,950	151,458	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1216	General Internal Medicine Physicians	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	85,769	252,438	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	111,798	179,568	218,883	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	91,337	233,979	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	49,192	206,029	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	46,748	279,707	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	91,337	233,979	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	93,726	201,748	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	59,721	294,408	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons										
29-1249	Surgeons, All Other	59,721	294,408	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists										
29-1292	Dental Hygienists	54,319	69,920	74,744	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	29,052	50,974	66,061	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	31,785	56,997	62,223	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
29-2031	Cardiovascular Technologists and Technicians	27,885	50,680	70,251	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	55,247	68,092	75,166	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	60,475	75,212	78,685	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	40,657	49,985	46,933	Yes	Yes	No	Associate's degree	Yes	Yes	No
29-2035	Magnetic Resonance Imaging Technologists	39,480	63,185	72,134	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists										
29-2042	Emergency Medical Technicians	23,696	27,478	29,133	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	28,362	35,889	36,664	No	No	No	Postsecondary nondegree award	No	No	No
29-2051	Dietetic Technicians	21,886	28,492	30,807	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	29,083	36,363	37,812	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	25,533	34,363	37,551	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	34,694	47,988	55,532	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	26,636	34,969	41,511	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	26,553	39,591	45,306	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	37,851	52,497	53,819	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	27,746	36,688	37,823	No	No	No	Postsecondary nondegree award	No	No	No
29-2081	Opticians, Dispensing	27,095	44,892	54,411	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	39,177	76,701	89,169	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	28,666	48,751	61,559	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	28,850	40,114	43,569	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	31,230	57,700	74,376	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	36,448	50,653	56,331	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors										
29-9093	Surgical Assistants	31,570	56,533	65,997	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	28,960	60,585	65,942	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	21,452	26,613	29,257	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	23,728	29,852	34,118	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	23,034	28,207	30,191	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	24,660	29,897	31,818	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	48,622	61,724	67,908	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides										
31-2021	Physical Therapist Assistants	28,034	61,180	72,421	No	Yes	Yes	Associate's degree	No	Yes	Yes
31-2022	Physical Therapist Aides	21,353	28,905	31,110	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	26,645	46,454	50,157	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	33,040	39,186	42,687	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	26,457	33,655	35,593	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	26,819	35,144	40,041	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	21,794	32,452	36,154	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	21,720	31,285	36,651	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	24,688	30,458	33,260	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	25,779	34,789	37,843	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	25,202	37,615	43,275	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	42,099	45,036	46,155	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	48,761	70,770	78,510	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	39,619	53,958	56,411	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	27,894	45,370	53,639	No	No	Yes	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	35,309	54,595	62,560	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	24,899	32,926	35,734	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	37,312	57,921	70,839	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	51,140	84,097	94,939	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	24,737	33,590	43,068	No	No	No	High school diploma or equivalent	No	No	No
33-3012	Correctional Officers and Jailers	38,750	40,040	40,186	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	38,224	51,738	59,405	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	24,844	26,939	27,095	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	29,172	37,422	38,948	No	No	No	High school diploma or equivalent	No	No	No
33-3051	Police and Sheriff's Patrol Officers	35,712	46,754	52,998	Yes	Yes	Yes	Associate's degree	Yes	No	No
33-3052	Transit and Railroad Police	54,870	68,174	55,954	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-9011	Animal Control Workers	22,880	27,431	27,287	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	36,024	52,222	57,906	Yes	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	26,066	32,736	35,484	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	21,082	32,814	38,032	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	22,961	28,997	31,542	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	19,138	27,463	30,651	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	32,415	40,298	44,010	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	20,800	26,181	27,115	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	25,614	35,701	45,541	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	35,980	63,517	69,202	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	26,070	37,425	44,598	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	20,204	24,366	26,525	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	21,692	30,207	31,914	No	No	No	No formal educational credential	No	Yes	No
35-2013	Cooks, Private Household	29,723	54,080	66,640	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	23,580	32,161	36,020	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	20,452	26,966	31,377	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	24,964	30,807	32,599	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	22,882	28,244	29,474	No	No	No	No formal educational credential	Yes	No	No
35-3011	Bartenders	19,497	31,560	35,245	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,853	25,284	27,524	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,972	30,165	34,327	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	21,403	25,208	28,346	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	19,442	25,809	28,234	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	20,443	24,826	26,590	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	19,644	26,709	27,803	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	20,388	25,947	26,544	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,700	47,681	55,120	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	31,200	52,474	60,656	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,922	28,344	31,200	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	21,452	26,126	29,156	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	22,455	27,950	30,504	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	28,933	41,228	46,397	No	No	No	High school diploma or equivalent	No	No	No
37-3011	Landscaping and Groundskeeping Workers	23,333	32,363	36,142	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	22,204	33,762	45,680	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	25,744	36,099	43,339	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	30,320	53,042	65,096	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	26,794	44,432	46,115	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Personal Service Workers	29,848	48,122	52,009	No	Yes	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	30,579	41,084	43,559	Yes	No	No	High school diploma or equivalent	Yes	No	No
39-2021	Animal Caretakers	22,738	29,390	29,826	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	19,726	32,341	43,679	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners										
39-3019	Gambling Service Workers, All Other										
39-3021	Motion Picture Projectionists										
39-3031	Ushers, Lobby Attendants, and Ticket Takers	19,699	24,210	26,066	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	22,771	25,959	27,040	No	No	No	No formal educational credential	Yes	No	No
39-3092	Costume Attendants										
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20,820	27,830	30,430	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	21,399	26,636	26,682	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	30,017	42,898	48,062	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	28,556	36,393	43,496	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	21,620	30,221	35,858	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	37,328	54,737	62,040	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
39-5011	Barbers	20,066	31,037	34,262	No	No	No	Postsecondary nondegree award	Yes	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	19,699	32,194	39,563	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	20,654	30,825	32,360	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,111	22,547	24,330	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	20,967	37,799	41,566	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	19,864	27,260	31,652	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	22,712	32,810	35,135	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	20,948	33,435	36,779	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,586	27,234	29,996	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	23,481	45,549	47,222	No	No	No	Postsecondary nondegree award	No	Yes	No
39-9032	Recreation Workers	21,531	27,317	29,378	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	32,149	33,862	32,149	Yes	No	No	Some college, no degree	Yes	No	No
39-9099	Personal Care and Service Workers, All Other	19,111	28,280	30,017	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,938	46,942	55,368	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	60,559	102,790	101,116	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,887	25,507	27,843	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	19,506	30,577	31,680	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	23,858	36,985	46,020	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	22,615	34,035	37,093	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,621	31,266	32,301	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	29,769	60,236	66,079	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	28,601	61,593	80,995	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	37,881	53,570	57,489	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	22,722	40,142	46,050	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	30,952	62,861	71,487	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	36,464	85,922	101,326	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	29,735	69,901	80,396	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	19,460	45,103	71,803	No	No	Yes	No formal educational credential	No	Yes	No
41-9012	Models										
41-9021	Real Estate Brokers	26,259	51,985	58,288	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9022	Real Estate Sales Agents	26,259	51,985	58,288	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	44,819	113,443	147,668	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	19,736	28,795	30,210	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	19,809	32,599	45,866	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	20,884	27,730	31,242	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	35,360	55,605	65,422	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	23,944	28,767	31,496	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators										
43-2099	Communications Equipment Operators, All Other										
43-3011	Bill and Account Collectors	28,473	38,010	41,493	No	No	No	High school diploma or equivalent	No	No	No
43-3021	Billing and Posting Clerks	29,676	36,494	39,321	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	26,577	41,853	48,258	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	20,388	29,447	35,033	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	29,409	46,657	53,333	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	28,703	40,454	45,177	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	24,821	33,840	36,391	No	No	No	High school diploma or equivalent	No	No	No
43-3099	Financial Clerks, All Other	32,966	49,982	55,982	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	34,234	50,965	55,311	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks										
43-4031	Court, Municipal, and License Clerks	29,129	42,257	45,228	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4041	Credit Authorizers, Checkers, and Clerks	26,525	40,133	46,776	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	23,707	37,150	43,123	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	24,844	35,520	43,955	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	25,708	36,886	45,222	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	21,758	26,954	28,793	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	35,385	45,682	52,378	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-4121	Library Assistants, Clerical	20,800	26,305	32,129	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	29,595	41,746	45,581	No	No	No	High school diploma or equivalent	No	No	No
43-4141	New Accounts Clerks	33,315	39,903	43,220	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	26,244	45,970	57,036	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	28,234	39,627	44,837	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	23,244	31,021	34,907	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	26,893	38,810	44,543	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	26,520	37,925	42,640	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	29,080	46,307	55,761	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
43-5021	Couriers and Messengers	24,284	30,632	32,488	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	30,457	39,038	44,759	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	31,062	48,980	54,329	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5041	Meter Readers, Utilities	28,198	42,457	51,811	No	No	No	High school diploma or equivalent	No	No	Yes
43-5051	Postal Service Clerks	39,770	55,480	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	54,581	71,198	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	35,447	47,924	61,706	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	34,320	54,743	63,746	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	28,097	34,745	37,701	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	24,780	34,767	38,608	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	32,614	53,536	57,082	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	27,996	44,947	54,787	No	No	Yes	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	22,542	31,933	37,577	No	No	No	Some college, no degree	No	No	No

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	24,965	36,082	42,148	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	27,726	35,549	32,147	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	21,830	30,926	34,151	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	23,622	45,976	55,559	No	Yes	Yes	Associate's degree	No	No	Yes
43-9041	Insurance Claims and Policy Processing Clerks	35,360	44,284	46,697	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	22,079	31,781	35,548	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,785	37,498	43,687	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	20,544	30,926	35,079	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	25,910	32,029	33,545	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	32,580	42,246	46,831	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	29,442	44,084	50,827	No	No	No	Some college, no degree	Yes	Yes	Yes
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	31,986	56,042	67,610	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	24,844	35,998	38,286	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	24,853	34,225	36,200	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	20,507	24,173	25,147	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	24,109	33,407	35,530	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	20,912	25,882	26,966	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	21,138	28,141	31,200	No	No	No	No formal educational credential	No	No	No
45-2099	Agricultural Workers, All Other	19,736	32,782	38,516	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	24,596	33,040	39,545	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	30,072	38,828	45,811	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	35,971	42,733	48,328	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	29,598	46,040	54,080	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
45-4023	Log Graders and Scalers	20,507	24,173	25,147	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	38,231	41,428	42,889	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	38,168	66,631	78,681	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	19,111	43,045	52,371	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	27,444	39,995	45,498	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	26,783	42,705	53,023	No	No	Yes	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	33,079	44,916	46,268	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
47-2041	Carpet Installers	19,111	31,230	34,234	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	31,018	41,676	47,005	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	22,317	36,154	45,030	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	29,126	42,228	45,333	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	28,317	39,811	44,662	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	32,277	47,722	53,088	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	22,884	37,093	41,206	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	28,188	37,128	41,171	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	31,818	44,433	45,765	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	28,348	39,852	45,289	No	No	No	High school diploma or equivalent	No	No	No
47-2081	Drywall and Ceiling Tile Installers	20,461	35,750	44,175	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	26,277	38,562	43,284	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	37,073	56,833	67,567	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	26,277	38,562	43,284	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	26,902	39,958	44,396	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	33,453	45,048	46,886	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	27,132	36,393	40,849	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers										
47-2151	Pipelayers	30,191	38,984	42,632	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	30,073	47,753	50,272	No	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	24,725	38,405	43,459	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	32,387	43,119	50,616	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	29,036	41,266	48,126	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	31,202	43,900	48,374	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2221	Structural Iron and Steel Workers	32,571	44,819	52,316	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	32,645	39,940	43,009	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	19,111	31,533	35,061	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	24,697	31,772	35,070	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	28,211	37,255	37,663	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	24,495	28,896	30,256	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	27,150	33,132	35,226	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	27,453	33,306	35,401	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	25,689	33,995	37,551	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	38,085	56,918	74,984	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	44,828	77,739	94,654	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	30,552	41,759	47,939	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	28,023	37,119	42,522	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	27,456	37,498	43,659	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	41,410	50,386	57,204	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	28,087	43,790	51,011	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	29,190	39,581	43,321	No	No	No	High school diploma or equivalent	No	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas										
47-5013	Service Unit Operators, Oil and Gas										
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	41,653	54,529	58,576	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5023	Earth Drillers, Except Oil and Gas	32,020	45,397	47,189	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	48,843	65,115	75,047	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	25,230	36,981	40,914	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining										
47-5049	Underground Mining Machine Operators, All Other										
47-5051	Rock Splitters, Quarry	33,903	61,504	82,039	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	31,432	45,453	56,175	Yes	No	Yes	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	27,003	32,268	35,401	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other										
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	42,171	72,163	87,818	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	28,427	37,983	43,597	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	35,079	53,951	66,098	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	28,051	50,313	61,761	No	Yes	Yes	Postsecondary nondegree award	No	Yes	
49-2091	Avionics Technicians	35,254	62,919	72,107	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	28,290	41,924	46,867	No	No	No	High school diploma or equivalent	No	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	36,825	51,691	58,453	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	36,005	48,947	64,006	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	36,696	70,241	90,896	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30,513	40,758	44,635	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	35,107	43,293	46,454	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	29,365	43,312	53,667	No	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-3011	Aircraft Mechanics and Service Technicians	36,651	64,416	73,182	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-3021	Automotive Body and Related Repairers	30,405	42,737	45,946	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-3022	Automotive Glass Installers and Repairers	30,807	42,512	50,359	Yes	No	No	High school diploma or equivalent	Yes	No	
49-3023	Automotive Service Technicians and Mechanics	27,533	42,602	48,533	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	35,511	49,340	60,114	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	23,200	43,047	50,366	No	No	No	High school diploma or equivalent	No	Yes	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	38,320	55,602	63,768	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	34,409	49,403	54,934	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	30,559	47,437	55,807	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	27,389	42,264	54,218	No	No	Yes	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	26,480	37,624	43,624	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	21,555	33,600	40,133	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	28,097	44,672	56,331	No	No	Yes	High school diploma or equivalent	No	Yes	
49-3093	Tire Repairers and Changers	22,638	29,216	30,880	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	28,666	42,301	49,945	No	No	No	High school diploma or equivalent	No	Yes	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	31,220	51,452	59,731	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	31,730	44,349	47,239	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-9031	Home Appliance Repairers	25,460	39,306	45,627	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	38,566	53,169	62,088	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	30,531	49,743	53,997	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	37,514	51,406	60,686	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons										
49-9051	Electrical Power-Line Installers and Repairers	46,647	74,439	81,914	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	38,809	49,902	58,728	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers										
49-9062	Medical Equipment Repairers	30,550	49,027	56,515	Yes	Yes	Yes	Associate's degree	No	Yes	
49-9063	Musical Instrument Repairers and Tuners	26,213	38,589	47,345	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers										
49-9069	Precision Instrument and Equipment Repairers, All Other										
49-9071	Maintenance and Repair Workers, General	24,767	37,735	43,514	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians										
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	25,175	37,073	44,543	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers										
49-9094	Locksmiths and Safe Repairers	28,482	40,638	50,680	No	No	No	High school diploma or equivalent	No	No	
49-9095	Manufactured Building and Mobile Home Installers	20,085	28,400	35,934	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	30,587	47,547	55,210	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	43,431	58,196	65,712	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	21,853	33,626	40,197	No	No	No	High school diploma or equivalent	No	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	30,641	41,211	44,029	Yes	No	No	High school diploma or equivalent	Yes	No	
51-1011	First-Line Supervisors of Production and Operating Workers	31,222	59,962	75,600	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	30,384	43,247	51,314	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	30,541	41,823	44,561	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	24,311	34,758	38,635	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	30,936	39,940	44,341	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	34,205	41,810	48,283	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2051	Fiberglass Laminators and Fabricators	30,613	38,430	38,078	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	24,204	31,376	35,187	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	22,152	29,567	33,646	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	27,162	35,013	37,458	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	26,574	30,394	29,189	No	No	No	No formal educational credential	Yes	No	
51-3023	Slaughterers and Meat Packers	24,458	25,717	26,691	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	22,869	34,041	33,426	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	23,535	34,687	39,174	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	23,094	28,376	28,483	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	22,079	29,254	32,764	No	No	No	No formal educational credential	No	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	28,685	37,202	41,244	No	No	No	High school diploma or equivalent	No	No	

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	27,885	36,834	42,071	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	28,188	38,525	41,612	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	26,167	35,383	40,519	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,711	51,710	76,820	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	23,870	31,349	33,398	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,671	35,778	43,955	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	28,979	38,745	42,430	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	34,318	45,375	47,967	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	35,980	45,875	46,730	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	27,426	42,880	52,004	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-4061	Model Makers, Metal and Plastic										
51-4062	Patternmakers, Metal and Plastic										
51-4071	Foundry Mold and Coremakers										
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	25,285	33,986	36,540	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,666	34,978	35,383	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	35,961	53,556	60,429	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	31,638	41,300	48,605	Yes	No	No	Postsecondary nondegree award	Yes	No	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	27,334	34,629	37,661	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	22,933	37,468	43,551	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic										
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	27,646	36,990	41,226	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	25,303	33,857	35,741	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	26,893	35,897	42,108	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	29,190	41,465	45,315	No	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	24,293	35,778	41,244	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	24,872	35,934	42,512	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	21,155	24,137	26,416	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	21,904	26,314	27,104	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	19,111	27,656	31,992	No	No	No	No formal educational credential	No	No	No
51-6041	Shoe and Leather Workers and Repairers										
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	20,259	27,380	27,913	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	26,277	32,507	34,170	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders										
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	25,496	30,485	33,453	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders										
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	21,380	30,862	35,079	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	31,046	54,089	76,930	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers										
51-6093	Upholsterers	25,781	34,932	39,407	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	25,138	31,395	35,015	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	27,858	38,424	43,937	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	28,262	42,053	49,431	No	No	No	High school diploma or equivalent	No	No	Yes
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	24,036	31,854	35,024	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	23,953	31,634	35,410	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	25,303	29,962	30,283	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators										
51-8012	Power Distributors and Dispatchers	49,311	81,552	95,297	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	44,607	70,379	89,104	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	44,322	57,884	62,588	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	29,588	41,228	46,791	No	No	No	Postsecondary nondegree award	Yes	No	No
51-8091	Chemical Plant and System Operators	38,442	56,947	61,651	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	31,763	47,887	57,902	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	44,543	57,810	72,842	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	37,064	53,207	59,648	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	27,426	42,880	52,004	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,002	39,287	45,618	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	25,901	38,148	43,192	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	26,167	32,681	35,539	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	25,836	36,210	41,180	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	20,167	32,764	36,807	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	26,305	35,649	40,813	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	25,469	35,116	41,511	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	28,179	36,090	40,509	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	26,790	41,481	50,650	No	No	No	Postsecondary nondegree award	No	No	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	23,135	44,993	52,592	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	28,179	45,802	52,472	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 6

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	26,084	37,036	45,838	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	26,140	31,597	33,150	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	21,934	31,476	28,562	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,172	33,003	39,021	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	30,215	40,266	44,303	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians										
51-9151	Photographic Process Workers and Processing Machine Operators										
51-9161	Computer Numerically Controlled Tool Operators	29,886	45,198	50,313	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9162	Computer Numerically Controlled Tool Programmers	33,793	55,219	64,426	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	21,380	30,862	35,079	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	23,944	33,132	43,431	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	25,368	42,044	44,782	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	26,856	32,029	35,300	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	26,718	35,383	39,324	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	26,810	40,868	48,145	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	26,682	34,528	37,312	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	26,374	42,228	50,112	No	No	No	High school diploma or equivalent	No	No	Yes
51-9199	Production Workers, All Other	33,910	47,055	60,683	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1041	Aircraft Cargo Handling Supervisors										
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	34,569	56,482	66,224	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	100,084	248,735	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	48,586	120,922	151,867	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	73,466	116,098	144,480	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	73,466	116,098	144,480	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants										
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	23,659	28,170	29,907	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	37,309	47,060	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	31,891	48,349	57,952	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	21,771	32,005	37,013	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	20,800	36,558	38,540	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	26,847	38,369	48,191	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	21,833	29,200	33,197	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,175	29,116	29,346	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	20,535	28,887	32,222	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	51,994	63,158	68,229	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers										
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	35,952	54,365	56,864	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	58,224	65,721	68,275	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	26,847	38,369	48,191	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other										
53-5011	Sailors and Marine Oilers	26,755	41,842	46,160	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	34,354	79,236	116,300	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators										
53-5031	Ship Engineers	66,677	90,308	100,506	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,124	29,438	33,426	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	19,543	25,019	26,562	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	27,886	32,218	36,590	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	27,380	33,968	34,326	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	28,152	43,688	50,102	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	36,935	78,566	99,119	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	19,552	29,943	34,997	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,111	28,244	29,925	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	27,141	31,818	32,902	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	33,674	58,169	70,728	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	32,810	43,486	45,287	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	29,640	46,445	47,593	No	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	27,865	39,423	43,770	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	24,960	31,121	32,968	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,425	33,696	37,640	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	26,682	34,528	37,312	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	21,235	26,461	28,937	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,571	31,069	31,964	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators										
53-7072	Pump Operators, Except Wellhead Pumpers	30,155	42,411	47,612	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumpers										
53-7081	Refuse and Recyclable Material Collectors	20,800	26,311	31,341	No	No	No	No formal educational credential	No	No	No
53-7121	Tank Car, Truck, and Ship Loaders	39,839	55,522	56,377	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	25,577	30,775	30,889	No	No	No	No formal educational credential	Yes	Yes	No

\* Indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 6

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	30,228	45,811	52,103	743
No formal educational credential	22,561	29,311	32,017	77
High school diploma or equivalent	29,612	42,779	48,451	208
Some college, no degree	24,836	38,436	42,398	47
Postsecondary nondegree award	29,088	41,682	47,308	82
Associate's degree	32,223	47,668	53,181	63
Bachelor's degree	39,744	70,822	83,127	176
Master's degree	44,488	68,276	78,361	35
Doctoral or professional degree	56,932	110,526	124,786	55

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	430	313	403	340	401	342
No formal educational credential	48.05%	51.95%	38.96%	61.04%	42.86%	57.14%
High school diploma or equivalent	75.00%	25.00%	77.40%	22.60%	76.92%	23.08%
Some college, no degree	25.53%	74.47%	21.28%	78.72%	21.28%	78.72%
Postsecondary nondegree award	45.12%	54.88%	36.59%	63.41%	40.24%	59.76%
Associate's degree	46.03%	53.97%	33.33%	66.67%	25.40%	74.60%
Bachelor's degree	56.25%	43.75%	55.68%	44.32%	56.82%	43.18%
Master's degree	71.43%	28.57%	57.14%	42.86%	51.43%	48.57%
Doctoral or professional degree	63.64%	36.36%	60.00%	40.00%	56.36%	43.64%



Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	28,737	183,709	224,212	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1021	General and Operations Managers	37,939	98,676	122,428	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	92,030	120,578	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-2011	Advertising and Promotions Managers	48,806	105,348	127,170	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	62,735	138,756	172,723	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	46,255	116,194	149,230	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	55,320	104,834	121,776	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	59,822	113,645	138,370	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	62,837	97,374	105,061	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	58,773	90,047	101,162	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	73,167	192,462	162,853	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	47,819	116,276	157,661	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	40,204	101,444	130,967	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3061	Purchasing Managers	69,020	123,724	150,204	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	59,745	94,726	98,530	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	67,182	112,001	140,272	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	49,450	91,542	103,710	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	57,360	105,909	125,920	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	22,207	81,607	114,013	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	43,264	96,824	105,840	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	35,492	62,791	74,775	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	60,852	84,336	96,101	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	55,862	93,138	95,692	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	32,534	66,217	86,780	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9041	Architectural and Engineering Managers	104,021	145,486	170,279	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	34,923	61,116	72,706	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers										
11-9072	Entertainment and Recreation Managers, Except Gambling	36,917	76,223	90,446	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9081	Lodging Managers	44,794	71,486	78,123	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9111	Medical and Health Services Managers	58,818	115,149	130,487	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	51,251	73,130	85,176	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9131	Postmasters and Mail Superintendents	69,865	84,648	92,614	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	26,033	74,445	88,587	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9151	Social and Community Service Managers	40,896	66,134	76,368	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	46,031	82,682	98,816	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	43,018	74,339	75,322	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	44,056	72,006	86,679	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
11-9199	Managers, All Other	53,560	100,744	120,023	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes										
13-1020	Buyers and Purchasing Agents	31,442	57,255	69,263	No	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	42,640	75,629	89,939	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	45,443	63,204	72,254	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	31,274	52,046	62,028	No	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	32,760	63,502	74,964	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	34,665	56,929	62,093	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	22,207	81,607	114,013	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	37,661	71,675	91,750	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1081	Logisticians	32,614	68,601	92,370	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1082	Project Management Specialists	31,774	85,013	109,824	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1111	Management Analysts	38,002	69,801	78,686	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1121	Meeting, Convention, and Event Planners	29,429	50,837	61,164	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	30,467	55,550	70,692	No	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	36,549	64,462	73,907	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	26,173	55,503	67,427	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	31,360	65,899	83,082	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	30,704	68,994	81,786	No	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	35,402	69,539	79,688	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	37,565	55,778	58,376	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	43,211	72,309	87,487	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-2041	Credit Analysts	46,132	78,318	92,439	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	47,593	83,803	93,340	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	34,179	110,953	130,606	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	42,935	66,658	78,501	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	49,982	101,039	117,476	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	41,042	72,153	88,452	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-2071	Credit Counselors	31,331	45,168	45,462	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	35,414	61,514	79,435	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	28,933	33,910	33,197	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	21,592	43,009	58,306	No	No	Yes	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	31,237	50,543	61,797	No	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	43,264	83,270	107,796	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	58,536	102,785	123,164	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	72,750	121,207	162,984	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	50,697	80,549	87,449	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	32,343	64,511	78,755	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	59,437	106,129	127,326	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	46,408	92,118	117,908	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	67,990	121,620	145,472	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	49,795	75,628	97,548	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	44,644	85,741	99,689	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	74,795	109,636	126,535	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	44,139	82,443	99,018	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	43,900	74,532	87,689	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	40,271	78,410	89,279	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	49,449	88,874	113,235	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2011	Actuaries	65,225	115,161	124,138	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	36,752	87,331	120,095	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	33,010	53,332	59,363	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	37,413	77,013	93,285	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	48,604	92,596	117,431	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	35,355	82,645	95,159	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-1012	Landscape Architects	35,135	61,522	70,655	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	40,656	63,240	74,376	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	34,168	64,301	78,169	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	71,059	106,451	123,890	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	54,640	90,776	113,709	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	61,908	100,268	123,338	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	59,397	114,115	128,096	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	61,476	109,942	127,813	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	56,827	92,476	117,504	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	71,013	97,723	113,498	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	32,727	78,198	97,511	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	46,004	78,327	95,968	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	48,156	90,775	102,135	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	47,345	71,675	84,290	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	52,224	85,346	104,558	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	53,529	87,074	100,966	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers										
17-2161	Nuclear Engineers	74,514	107,397	116,402	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers										
17-2199	Engineers, All Other	44,990	69,513	78,957	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-3011	Architectural and Civil Drafters	38,330	54,681	67,487	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3012	Electrical and Electronics Drafters	42,503	53,832	63,286	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	32,488	52,536	63,736	Yes	Yes	Yes	Associate's degree	No	No	Yes
17-3019	Drafters, All Other	33,591	50,956	57,939	Yes	Yes	Yes	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	33,389	71,794	98,164	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	31,108	39,624	37,496	No	No	No	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	35,291	56,349	68,909	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	42,237	65,399	73,871	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	28,841	42,457	47,988	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	36,384	55,339	61,807	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	36,026	54,980	61,394	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	35,925	58,352	74,073	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	36,858	51,327	66,629	Yes	Yes	Yes	Associate's degree	Yes	No	Yes
17-3031	Surveying and Mapping Technicians	33,051	41,937	46,444	Yes	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists										
19-1012	Food Scientists and Technologists	36,458	72,391	99,725	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	36,614	76,306	95,168	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	36,843	80,688	101,692	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	33,453	55,017	67,393	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	31,037	49,275	53,143	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	38,222	57,213	66,906	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	28,473	54,852	68,937	No	Yes	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	34,344	55,504	65,363	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	53,180	80,036	94,185	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	50,680	91,098	114,307	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	51,829	79,595	85,062	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	71,574	146,400	205,368	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	71,574	146,400	205,368	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	57,516	77,132	83,095	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2031	Chemists	36,485	68,257	82,719	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	63,277	106,717	124,845	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	31,990	52,382	53,786	No	Yes	No	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	44,322	84,703	102,050	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	39,820	62,671	74,744	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	41,584	99,229	122,943	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	55,660	88,397	107,765	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	48,604	92,596	117,431	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	68,386	117,688	142,412	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	34,335	86,587	113,912	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	41,980	68,257	75,120	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	45,250	92,403	110,843	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	26,966	53,933	46,720	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	43,358	69,975	81,083	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	36,807	57,948	68,551	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	33,076	66,070	89,931	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists										
19-3099	Social Scientists and Related Workers, All Other	51,939	79,016	94,360	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-4012	Agricultural Technicians	27,610	36,724	42,632	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	29,934	48,494	66,805	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	27,040	33,886	37,461	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	29,466	47,161	57,121	No	No	Yes	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	25,910	38,608	44,681	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	29,089	37,404	40,868	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	33,178	51,857	62,018	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-4051	Nuclear Technicians										
19-4061	Social Science Research Assistants	28,271	45,315	52,040	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	31,257	43,349	51,581	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	34,473	56,037	68,790	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	24,844	45,480	54,787	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	33,384	62,974	84,329	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	37,064	57,277	63,856	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	40,224	52,804	61,432	Yes	Yes	Yes	Master's degree	Yes	No	No
21-1013	Marriage and Family Therapists	31,358	41,695	44,662	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	22,602	40,629	43,330	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	39,573	52,327	60,401	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	27,959	39,196	42,191	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	30,089	53,427	54,995	No	Yes	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	31,555	55,058	65,210	No	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	28,599	40,281	45,518	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	39,603	62,078	81,994	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	38,002	52,857	62,400	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	29,869	40,041	46,814	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	27,543	38,932	43,322	No	No	No	Some college, no degree	Yes	No	No
21-1094	Community Health Workers	28,501	43,845	55,256	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	20,800	36,115	40,325	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	31,200	51,721	60,372	No	Yes	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	27,343	49,560	59,584	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	26,921	44,506	56,074	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	52,000	100,227	113,298	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	34,335	52,049	58,362	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	39,177	86,109	106,929	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	39,177	86,109	106,929	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	29,494	46,790	50,929	No	No	No	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	29,135	49,183	57,424	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
23-2099	Legal Support Workers, All Other	27,040	58,619	62,790	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	43,551	78,896	90,115	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	44,322	83,702	103,722	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	43,863	69,883	82,783	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	35,658	94,617	118,634	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	43,238	82,994	114,178	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary										
25-1042	Biological Science Teachers, Postsecondary	48,374	82,020	91,962	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary										
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	43,018	59,115	57,277	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	36,696	75,065	90,161	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	40,923	66,520	82,930	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	44,084	59,253	58,554	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	43,018	78,382	92,090	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	44,681	61,605	70,728	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	43,229	54,742	50,258	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	43,018	59,115	57,277	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	41,741	58,775	54,273	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	43,845	75,276	85,622	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	44,028	92,715	110,733	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	42,623	59,979	70,572	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	43,744	86,293	93,579	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	44,332	73,650	87,074	Yes	Yes	Yes	Master's degree	No	No	Yes
25-1081	Education Teachers, Postsecondary	34,859	68,661	78,823	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	44,543	68,229	75,185	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	39,306	53,538	55,982	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	41,695	129,889	192,064	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1113	Social Work Teachers, Postsecondary										
25-1121	Art, Drama, and Music Teachers, Postsecondary	43,156	80,468	90,528	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	42,246	73,632	91,337	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	40,859	63,148	72,327	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	37,771	62,450	72,511	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	38,644	51,167	45,030	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	41,888	61,991	72,658	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	34,859	68,661	78,823	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	40,473	69,056	72,842	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	32,259	53,354	67,788	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	34,133	60,484	71,344	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,938	29,937	29,571	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	40,076	48,698	48,849	Yes	No	No	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	45,733	48,372	47,472	Yes	No	No	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	44,665	50,045	58,797	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	43,799	60,530	68,597	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	46,487	50,410	58,978	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	46,792	57,414	60,038	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	34,776	55,375	70,618	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	45,530	49,682	61,256	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2057	Special Education Teachers, Middle School	43,257	58,536	72,199	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	47,158	51,415	60,891	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	26,682	54,558	73,999	No	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	34,344	52,849	68,055	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,738	37,649	45,486	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	20,800	23,195	20,800	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	24,849	34,605	43,969	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	20,535	39,416	47,777	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	26,985	43,211	51,599	No	No	No	Master's degree	No	No	No
25-4012	Curators	28,951	51,958	64,977	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	27,472	43,358	51,691	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	24,489	46,030	57,029	No	No	Yes	Master's degree	No	No	No
25-4031	Library Technicians	26,360	38,249	43,367	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	27,058	43,532	53,529	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	35,006	52,752	60,938	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	19,469	30,247	37,634	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,910	29,671	28,881	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	22,345	44,497	58,205	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	45,636	81,561	91,943	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	19,533	31,542	36,375	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	25,258	43,413	43,744	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	42,531	60,888	69,883	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1019	Artists and Related Workers, All Other	24,320	46,812	54,438	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	20,939	54,190	68,928	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	34,390	62,101	73,025	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	22,281	31,395	33,178	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	28,862	45,675	52,838	No	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	32,066	58,113	68,836	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,464	34,596	39,151	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	33,527	42,384	43,881	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	26,755	56,258	69,304	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	27,674	31,560	29,484	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	34,565	74,450	89,022	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
27-2021	Athletes and Sports Competitors	23,328	59,519	59,188	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	23,328	59,519	59,188	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	19,497	42,558	42,779	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	27,674	31,560	29,484	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers										
27-2041	Music Directors and Composers	29,172	64,462	76,535	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	27,674	31,560	29,484	No	Yes	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	20,397	55,771	55,228	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	20,397	55,771	55,228	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	20,397	55,771	55,228	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	33,306	66,557	79,411	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	22,590	51,076	64,428	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	33,894	62,753	72,952	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	46,169	70,058	78,759	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	32,782	57,856	67,017	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	29,199	49,642	66,989	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	25,993	48,439	58,701	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	19,432	43,394	53,703	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	23,622	45,976	55,559	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	25,046	58,913	77,840	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	24,844	62,257	92,642	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	27,555	45,278	55,725	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	25,248	40,050	48,099	No	No	No	Some college, no degree	No	No	Yes
27-4031	Camera Operators, Television, Video, and Film	27,931	54,255	59,923	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	30,467	50,837	59,721	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	25,653	61,825	85,062	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	42,843	80,890	91,870	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	77,067	154,917	188,101	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	48,264	208,850	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	64,692	157,409	195,610	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists										
29-1029	Dentists, All Other Specialists	48,264	208,850	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	51,418	70,736	79,435	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	35,048	92,187	116,653	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1051	Pharmacists	75,798	118,347	134,649	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
29-1071	Physician Assistants	29,940	79,574	115,040	No	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	28,455	120,132	170,996	No	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	66,369	87,978	100,819	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	74,443	101,403	106,329	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1124	Radiation Therapists	58,481	78,584	82,572	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	27,996	49,872	58,003	No	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	52,842	67,873	78,888	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	47,155	74,699	91,546	Yes	Yes	Yes	Master's degree	No	No	Yes
29-1128	Exercise Physiologists	36,402	48,742	52,123	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	32,571	57,048	70,655	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	56,983	106,028	122,511	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	54,683	78,415	84,053	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
29-1151	Nurse Anesthetists	150,600	209,996	183,942	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	57,994	89,757	103,107	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	91,520	112,571	124,046	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	56,956	87,313	98,706	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	95,554	275,619	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	165,786	393,986	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	189,234	318,728	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	56,230	200,131	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1216	General Internal Medicine Physicians	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	85,769	252,438	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	57,213	238,858	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	111,798	179,568	218,883	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	91,337	233,979	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	49,192	206,029	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	46,748	279,707	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	176,750	266,309	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	93,726	201,748	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	59,721	294,408	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons										
29-1249	Surgeons, All Other	59,721	294,408	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	26,645	46,454	50,157	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	49,358	71,962	80,826	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	68,411	93,210	93,184	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	36,493	56,549	70,304	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
29-2031	Cardiovascular Technologists and Technicians	27,885	50,680	70,251	No	Yes	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	55,247	68,092	75,166	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	60,475	75,212	78,685	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	49,264	65,937	76,958	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	39,480	63,185	72,134	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists										
29-2042	Emergency Medical Technicians	23,890	34,888	37,031	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	29,078	38,108	45,455	No	No	No	Postsecondary nondegree award	No	No	No
29-2051	Dietetic Technicians	21,886	28,492	30,807	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	29,083	38,863	43,916	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	25,533	34,363	37,551	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	34,694	47,988	55,532	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	23,684	34,633	37,916	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	29,411	47,621	57,174	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2061	Licensed Practical and Licensed Vocational Nurses	38,097	47,701	51,959	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	29,987	46,123	56,659	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	31,750	47,419	54,228	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	39,177	76,701	89,169	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	28,666	48,751	61,559	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	33,264	44,944	55,398	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-9021	Health Information Technologists and Medical Registrars	31,230	57,700	74,376	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	36,448	50,653	56,331	Yes	Yes	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors										
29-9093	Surgical Assistants	31,570	56,533	65,997	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	28,960	60,585	65,942	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,381	27,296	29,848	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	24,998	32,306	36,204	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	23,034	28,207	30,191	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	24,660	29,897	31,818	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	60,932	69,700	78,516	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	27,509	51,471	62,772	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	43,900	60,842	68,680	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	21,353	28,905	31,110	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	49,807	61,175	66,548	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-9091	Dental Assistants	30,722	42,391	46,793	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	31,200	36,558	37,515	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9093	Medical Equipment Preparers	26,920	35,288	35,410	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	21,794	32,452	36,154	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	21,720	31,285	36,651	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	24,688	30,458	33,260	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	28,992	36,030	38,273	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	34,216	44,890	52,333	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
33-1011	First-Line Supervisors of Correctional Officers	38,681	49,771	48,696	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	51,174	67,553	71,698	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	35,204	56,790	68,457	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	27,894	45,370	53,639	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	35,309	54,595	62,560	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	23,522	38,095	45,397	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	37,312	57,921	70,839	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	51,140	84,097	94,939	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	26,810	50,873	59,914	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	38,750	39,219	39,749	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	38,123	46,296	49,691	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	24,844	26,939	27,095	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	29,172	37,422	38,948	No	No	No	High school diploma or equivalent	No	No	No
33-3051	Police and Sheriff's Patrol Officers	36,286	45,781	51,626	Yes	No	No	Associate's degree	No	No	No
33-3052	Transit and Railroad Police	54,870	68,174	55,954	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	26,002	36,706	40,611	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	30,577	55,127	75,469	No	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	26,066	32,736	35,484	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,527	31,549	44,044	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	22,961	28,997	31,542	No	No	No	No formal educational credential	No	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	19,138	27,463	30,651	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	32,415	40,298	44,010	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	21,984	28,452	29,024	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	27,040	36,960	40,032	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	35,980	56,342	71,354	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,973	38,679	44,867	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	20,204	24,366	26,525	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	25,283	31,864	33,365	No	No	No	No formal educational credential	Yes	Yes	No
35-2013	Cooks, Private Household	29,723	54,080	66,640	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	24,884	32,680	36,227	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	20,452	26,966	31,377	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	24,964	30,807	32,599	No	No	No	No formal educational credential	Yes	No	No
35-2021	Food Preparation Workers	23,055	28,986	30,359	No	No	No	No formal educational credential	No	No	No
35-3011	Bartenders	21,699	35,600	43,823	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,317	26,109	27,774	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,953	32,368	36,257	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,053	26,271	27,633	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,055	27,253	29,308	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,489	26,234	28,846	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,028	27,257	28,051	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	20,388	25,947	26,544	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	28,969	41,600	45,522	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	31,354	49,713	62,716	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,826	29,901	32,874	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	22,398	27,152	29,156	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	22,455	27,950	30,504	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	22,204	39,023	44,114	No	No	No	High school diploma or equivalent	No	No	No
37-3011	Landscaping and Groundskeeping Workers	27,030	31,979	35,915	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	21,711	35,337	41,961	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	25,744	36,099	43,339	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	30,320	53,042	65,096	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	28,032	47,805	55,835	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	27,086	44,249	52,206	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	24,853	34,225	36,200	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	21,380	28,639	30,320	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	19,726	32,341	43,679	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners										
39-3019	Gambling Service Workers, All Other	19,111	29,760	34,602	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists										
39-3031	Ushers, Lobby Attendants, and Ticket Takers	19,699	24,210	26,066	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,371	27,537	29,487	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants										
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20,820	27,830	30,430	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	21,399	26,636	26,682	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	30,017	42,898	48,062	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	28,556	36,393	43,496	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	21,729	28,014	31,028	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	31,864	51,002	59,363	No	Yes	Yes	Associate's degree	No	No	No
39-5011	Barbers	20,066	31,037	34,262	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	19,699	32,194	39,563	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	20,654	30,825	32,360	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,111	22,547	24,330	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	20,967	37,799	41,566	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	19,864	27,260	31,652	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	22,712	32,810	35,135	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	20,948	33,435	36,779	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,347	26,817	28,998	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	19,111	38,773	45,287	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	21,580	29,629	33,111	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	23,852	33,913	38,258	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	19,111	28,280	30,017	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,836	47,854	51,362	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	41,653	80,347	92,400	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,981	26,044	28,345	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	19,506	30,577	31,680	No	No	No	No formal educational credential	No	No	No
41-2021	Counter and Rental Clerks	22,779	36,394	43,407	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	22,371	35,406	40,865	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,753	33,436	35,694	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	29,769	60,236	66,079	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	27,573	64,086	71,418	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	37,881	57,329	58,071	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	22,722	40,142	46,050	No	No	No	Some college, no degree	No	No	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	34,015	70,694	75,415	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	37,379	72,093	94,759	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	31,526	66,579	78,879	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	19,460	45,103	71,803	No	No	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models										
41-9021	Real Estate Brokers	26,259	51,985	58,288	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9022	Real Estate Sales Agents	25,040	49,866	55,078	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	44,819	113,443	147,668	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	19,736	28,795	30,210	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	19,809	32,599	45,866	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	20,480	38,102	41,594	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	35,568	58,206	73,112	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	23,944	28,767	31,496	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators										
43-2099	Communications Equipment Operators, All Other										
43-3011	Bill and Account Collectors	28,473	38,010	41,493	No	No	No	High school diploma or equivalent	No	No	No
43-3021	Billing and Posting Clerks	29,676	38,961	43,313	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	27,693	42,478	48,896	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	20,388	29,447	35,033	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	26,540	41,224	47,463	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	26,890	40,574	46,966	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	29,235	35,841	38,806	No	No	No	High school diploma or equivalent	No	No	No
43-3099	Financial Clerks, All Other	32,966	49,982	55,982	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	34,234	50,965	55,311	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks										
43-4031	Court, Municipal, and License Clerks	27,759	38,282	39,913	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	26,525	40,133	46,776	No	No	No	Some college, no degree	Yes	No	Yes
43-4051	Customer Service Representatives	29,269	40,144	48,645	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	24,844	35,520	43,955	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	23,350	33,276	36,094	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	22,640	28,898	30,160	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	30,990	36,828	38,807	No	No	No	High school diploma or equivalent	Yes	No	No
43-4121	Library Assistants, Clerical	22,560	27,702	28,494	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	29,396	40,979	44,965	No	No	No	High school diploma or equivalent	No	No	No
43-4141	New Accounts Clerks	33,315	39,903	43,220	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	27,631	43,091	57,036	No	No	Yes	High school diploma or equivalent	No	No	Yes
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	28,234	39,627	44,837	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	23,960	31,127	34,993	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	26,893	38,810	44,543	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	31,200	40,023	43,389	No	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	31,841	56,594	78,852	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	22,031	30,177	30,820	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	26,254	32,094	31,045	No	No	No	High school diploma or equivalent	No	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	31,769	51,703	62,228	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5041	Meter Readers, Utilities	28,198	42,457	51,811	No	No	No	High school diploma or equivalent	No	No	Yes
43-5051	Postal Service Clerks	39,770	54,798	60,798	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	55,286	72,124	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	35,447	47,924	61,706	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	35,934	55,725	65,088	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	26,347	36,589	41,291	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	20,800	26,485	30,013	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	33,426	53,762	62,289	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	27,996	44,947	54,787	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	26,348	34,986	37,928	No	No	No	Some college, no degree	No	No	No

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	27,040	36,308	40,980	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	27,726	32,368	35,530	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	27,394	31,137	28,808	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	23,622	45,976	55,559	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	27,812	40,721	44,460	No	No	No	High school diploma or equivalent	No	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	22,079	31,781	35,548	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,182	39,307	46,966	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	20,544	30,926	35,079	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	25,910	32,029	33,545	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	32,580	42,246	46,831	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	20,800	35,486	42,120	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	27,986	50,818	63,488	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	24,844	35,998	38,286	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	24,853	34,225	36,200	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	20,507	24,173	25,147	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	24,109	33,407	35,530	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	20,912	25,882	26,966	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	24,596	33,040	39,545	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	19,736	32,782	38,516	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	24,596	33,040	39,545	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	30,072	38,828	45,811	No	No	No	Postsecondary nondegree award	No	No	No
45-4021	Fallers	35,971	42,733	48,328	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	30,845	46,030	62,579	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-4023	Log Graders and Scalers	20,507	24,173	25,147	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	38,231	41,428	42,889	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	43,302	67,369	79,705	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	19,111	43,045	52,371	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	27,444	39,995	45,498	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	26,783	42,705	53,023	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	31,410	40,367	45,347	No	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	19,111	31,230	34,234	No	No	No	No formal educational credential	No	Yes	No
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	31,018	41,676	47,005	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	22,317	36,154	45,030	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	29,126	42,228	45,333	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	28,063	40,699	49,013	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	32,277	47,722	53,088	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	24,332	39,880	47,258	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	28,188	37,128	41,171	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	31,818	44,433	45,765	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	29,004	38,560	43,915	No	No	No	High school diploma or equivalent	No	No	No
47-2081	Drywall and Ceiling Tile Installers	22,445	36,372	42,659	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	26,277	38,562	43,284	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	35,352	46,354	49,785	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
47-2121	Glaziers	26,277	38,562	43,284	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	26,902	39,958	44,396	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	33,453	45,048	46,886	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	30,277	40,065	44,495	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	27,242	33,977	40,914	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	36,351	46,078	49,768	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	29,575	49,290	58,156	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
47-2161	Plasterers and Stucco Masons	34,320	42,409	46,398	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	32,387	43,119	50,616	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
47-2181	Roofers	26,965	41,927	47,770	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	26,348	41,053	48,355	No	No	No	High school diploma or equivalent	No	No	No
47-2221	Structural Iron and Steel Workers	32,571	44,819	52,316	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	32,645	39,940	43,009	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	19,111	31,533	35,061	No	No	No	No formal educational credential	No	Yes	No
47-3012	Helpers—Carpenters	24,697	31,772	35,070	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	29,305	36,352	37,222	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	24,495	28,896	30,256	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	27,150	33,132	35,226	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	27,453	33,306	35,401	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	25,689	33,995	37,551	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	38,320	61,136	76,049	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	44,828	77,739	94,654	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	26,746	36,843	42,751	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	28,023	37,119	42,522	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	27,455	31,264	34,493	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	41,410	50,386	57,204	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	28,087	43,790	51,011	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	29,190	39,581	43,321	No	No	No	High school diploma or equivalent	No	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas										
47-5013	Service Unit Operators, Oil and Gas										
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	30,440	42,099	47,805	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	33,631	45,422	45,828	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	48,843	65,115	75,047	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators										



Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining										
47-5049	Underground Mining Machine Operators, All Other										
47-5051	Rock Splitters, Quarry										
47-5071	Roustabouts, Oil and Gas	31,432	45,453	56,175	No	No	No	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	27,003	32,268	35,401	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other										
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	42,530	67,725	76,702	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	28,427	37,983	43,597	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	35,079	53,951	66,098	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	36,998	51,171	59,983	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	35,254	62,919	72,107	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	28,290	41,924	46,867	No	No	No	High school diploma or equivalent	No	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	36,825	51,691	58,453	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	36,005	49,632	64,699	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	36,696	70,241	90,896	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30,513	40,758	44,635	No	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	35,107	43,293	46,454	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	29,365	43,312	53,667	No	No	No	Postsecondary nondegree award	No	Yes	
49-3011	Aircraft Mechanics and Service Technicians	36,651	64,416	73,182	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-3021	Automotive Body and Related Repairers	30,339	42,940	48,088	No	No	No	Postsecondary nondegree award	Yes	No	
49-3022	Automotive Glass Installers and Repairers	30,807	42,512	50,359	No	No	No	High school diploma or equivalent	Yes	No	
49-3023	Automotive Service Technicians and Mechanics	29,120	44,001	50,159	No	No	No	Postsecondary nondegree award	No	No	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	35,088	48,878	60,678	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	28,418	43,744	45,498	No	No	No	High school diploma or equivalent	No	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	34,170	51,811	59,519	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	34,409	49,403	54,934	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	30,559	47,437	55,807	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	27,389	42,264	54,218	No	No	No	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	28,512	34,879	37,553	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	21,555	33,600	40,133	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	28,097	44,672	56,331	No	No	No	High school diploma or equivalent	No	Yes	
49-3093	Tire Repairers and Changers	28,372	37,605	49,447	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	28,666	42,301	49,945	No	No	No	High school diploma or equivalent	No	Yes	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	33,792	52,922	63,360	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	34,291	45,005	49,128	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-9031	Home Appliance Repairers	26,103	39,988	50,995	No	No	No	Postsecondary nondegree award	No	Yes	
49-9041	Industrial Machinery Mechanics	37,528	56,541	62,884	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	30,531	49,743	53,997	No	Yes	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	49,400	49,731	49,543	Yes	Yes	No	Postsecondary nondegree award	Yes	No	
49-9045	Refractory Materials Repairers, Except Brickmasons	24,036	31,854	35,024	No	Yes	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	35,934	66,052	86,725	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	32,286	46,656	55,008	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers										
49-9062	Medical Equipment Repairers	30,550	49,027	56,515	No	No	Yes	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	26,213	38,589	47,345	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers										
49-9069	Precision Instrument and Equipment Repairers, All Other	37,275	53,023	60,677	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	27,235	38,482	45,902	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians										
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	25,175	37,073	44,543	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	36,338	48,944	52,426	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	28,482	40,638	50,680	No	No	No	High school diploma or equivalent	No	Yes	
49-9095	Manufactured Building and Mobile Home Installers	20,800	25,840	21,858	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	30,587	47,547	55,210	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	43,431	58,196	65,712	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	24,044	32,337	37,346	No	No	No	High school diploma or equivalent	No	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,859	38,356	44,738	No	No	No	High school diploma or equivalent	Yes	No	
51-1011	First-Line Supervisors of Production and Operating Workers	43,312	70,035	83,895	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	30,384	43,247	51,314	No	No	No	Postsecondary nondegree award	Yes	No	
51-2021	Coil Winders, Tapers, and Finishers	30,541	41,823	44,561	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	24,311	34,758	38,635	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	30,936	39,940	44,341	No	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	28,069	40,032	45,269	No	No	No	High school diploma or equivalent	No	No	
51-2051	Fiberglass Laminators and Fabricators	27,132	34,749	37,257	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	25,168	34,987	39,300	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	22,152	29,567	33,646	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	26,057	36,127	41,061	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	22,970	31,753	37,000	No	No	No	No formal educational credential	No	Yes	
51-3023	Slaughterers and Meat Packers	24,458	25,717	26,691	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	22,869	34,041	33,426	No	No	No	No formal educational credential	No	No	
51-3092	Food Batchmakers	20,921	30,587	34,914	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	23,071	29,420	32,580	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	22,079	29,254	32,764	No	No	No	No formal educational credential	No	No	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	28,685	37,202	41,244	No	No	No	High school diploma or equivalent	No	No	

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	27,885	36,834	42,071	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	28,188	38,525	41,612	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	26,167	35,383	40,519	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,711	51,710	76,820	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	23,870	31,349	33,398	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,671	35,778	43,955	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	28,979	38,745	42,430	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	29,346	44,231	52,187	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	35,980	45,875	46,730	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	27,426	42,880	52,004	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic										
51-4062	Patternmakers, Metal and Plastic										
51-4071	Foundry Mold and Coremakers	21,389	36,945	50,515	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	25,285	33,986	36,540	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,666	34,978	35,383	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	35,961	53,556	60,429	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	33,821	45,193	48,092	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	27,334	34,629	37,661	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	22,933	37,468	43,551	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic										
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	27,646	36,990	41,226	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	25,303	33,857	35,741	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	26,893	35,897	42,108	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	29,190	41,465	45,315	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	24,293	35,778	41,244	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	24,872	35,934	42,512	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,026	29,798	37,877	No	No	No	No formal educational credential	No	No	Yes
51-6021	Pressers, Textile, Garment, and Related Materials	21,904	26,314	27,104	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	19,111	27,656	31,992	No	No	No	No formal educational credential	No	No	No
51-6041	Shoe and Leather Workers and Repairers	21,647	30,302	34,207	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	20,259	27,380	27,913	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	26,277	32,507	34,170	No	No	No	No formal educational credential	Yes	Yes	No
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders										
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	25,496	30,485	33,453	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders										
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders										
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	31,046	54,089	76,930	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers										
51-6093	Upholsterers	25,781	34,932	39,407	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	25,138	31,395	35,015	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	34,193	38,280	37,841	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	28,262	42,053	49,431	No	No	No	High school diploma or equivalent	No	No	No
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	27,412	34,622	37,580	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	26,430	34,007	39,414	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	25,303	29,962	30,283	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators										
51-8012	Power Distributors and Dispatchers	49,311	81,552	95,297	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	44,607	70,379	89,104	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	44,322	57,884	62,588	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	32,205	38,127	42,028	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-8091	Chemical Plant and System Operators	38,442	56,947	61,651	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	31,763	47,887	57,902	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	44,543	57,810	72,842	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	51,773	58,259	61,069	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	27,426	42,880	52,004	No	No	No	High school diploma or equivalent	No	No	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,002	39,287	45,618	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	25,901	38,148	43,192	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	26,167	32,681	35,539	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	25,836	36,210	41,180	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	20,167	32,764	36,807	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	26,305	35,649	40,813	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	25,469	35,116	41,511	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	28,179	36,090	40,509	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	31,914	48,468	55,872	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	23,135	44,993	52,592	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	28,179	45,802	52,472	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 7

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	26,084	37,036	45,838	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	26,140	31,597	33,150	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	23,935	31,022	31,967	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,172	33,003	39,021	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	33,054	43,663	47,339	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9141	Semiconductor Processing Technicians										
51-9151	Photographic Process Workers and Processing Machine Operators										
51-9161	Computer Numerically Controlled Tool Operators	28,179	39,848	45,103	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	33,793	55,219	64,426	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	21,380	30,862	35,079	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	23,944	33,132	43,431	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	25,368	42,044	44,782	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	26,856	32,029	35,300	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	22,003	41,168	40,753	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	26,810	40,868	48,145	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders										
51-9198	Helpers—Production Workers	24,654	34,495	38,327	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	22,162	30,754	38,693	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	34,785	52,454	57,222	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	33,987	55,171	64,904	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	100,084	248,735	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	54,751	109,521	150,590	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	73,466	116,098	144,480	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	73,466	116,098	144,480	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	32,351	63,654	72,685	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	23,659	28,170	29,907	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,972	34,995	41,608	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	31,861	48,009	58,322	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	23,758	41,399	45,949	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	30,455	36,934	38,959	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	26,847	38,369	48,191	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	21,582	30,044	31,790	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,175	29,116	29,346	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	27,040	38,678	46,301	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	51,994	63,158	68,229	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	29,585	49,596	47,777	No	Yes	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	35,952	54,365	56,864	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	58,224	65,721	68,275	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	26,847	38,369	48,191	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	37,909	38,543	37,918	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	26,755	41,842	46,160	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	34,354	79,236	116,300	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	26,176	41,741	48,916	No	No	No	Postsecondary nondegree award	No	No	No
53-5031	Ship Engineers	66,677	90,308	100,506	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,124	29,438	33,426	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	19,543	25,019	26,562	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	27,350	32,517	36,471	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	27,380	33,968	34,326	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	28,152	43,688	50,102	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	36,935	78,566	99,119	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	19,552	29,943	34,997	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,111	28,244	29,925	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	27,141	31,818	32,902	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	33,674	58,169	70,728	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	No
53-7031	Dredge Operators										
53-7041	Hoist and Winch Operators	29,640	46,445	47,593	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,965	36,508	37,496	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	23,524	29,937	31,360	No	No	No	No formal educational credential	Yes	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	28,189	39,781	48,759	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	24,123	26,210	28,562	No	No	No	No formal educational credential	Yes	No	No
53-7064	Packers and Packagers, Hand	20,682	24,752	26,140	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,956	32,421	36,876	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators										
53-7072	Pump Operators, Except Wellhead Pumpers	30,155	42,411	47,612	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumpers										
53-7081	Refuse and Recyclable Material Collectors	21,898	32,323	42,829	No	No	No	No formal educational credential	No	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	39,839	55,522	56,377	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	25,937	34,914	36,549	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 7

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	32,026	49,469	56,510	774
No formal educational credential	23,339	31,222	34,643	76
High school diploma or equivalent	29,493	43,323	49,748	214
Some college, no degree	26,507	40,551	45,757	47
Postsecondary nondegree award	30,248	43,284	50,287	86
Associate's degree	36,504	53,568	60,370	65
Bachelor's degree	41,796	73,391	85,277	179
Master's degree	50,180	76,203	86,276	39
Doctoral or professional degree	63,504	119,547	128,586	68

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	487	287	458	316	444	330
No formal educational credential	53.95%	46.05%	42.11%	57.89%	47.37%	52.63%
High school diploma or equivalent	75.23%	24.77%	80.37%	19.63%	78.04%	21.96%
Some college, no degree	31.91%	68.09%	34.04%	65.96%	29.79%	70.21%
Postsecondary nondegree award	46.51%	53.49%	37.21%	62.79%	40.70%	59.30%
Associate's degree	67.69%	32.31%	46.15%	53.85%	40.00%	60.00%
Bachelor's degree	57.54%	42.46%	60.34%	39.66%	58.10%	41.90%
Master's degree	76.92%	23.08%	61.54%	38.46%	51.28%	48.72%
Doctoral or professional degree	77.94%	22.06%	64.71%	35.29%	61.76%	38.24%

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	76,821	210,738	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	45,529	115,858	140,404	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	36,035	87,859	120,747	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	62,671	86,030	107,601	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
11-2021	Marketing Managers	71,015	150,688	177,981	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	59,455	141,184	174,354	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	59,315	109,071	128,551	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	64,130	110,272	131,750	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	51,072	107,135	131,534	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	44,586	93,588	116,209	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3021	Computer and Information Systems Managers	87,937	149,667	171,195	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	74,047	151,464	170,841	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	59,987	120,240	134,932	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	67,017	129,164	154,246	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	51,465	109,899	130,430	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	81,733	131,542	152,672	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	73,405	124,769	139,665	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	62,988	105,971	128,818	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	37,440	73,483	92,637	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9021	Construction Managers	54,327	106,002	128,030	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	28,419	46,109	54,609	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	61,124	84,030	100,553	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	61,358	102,115	103,495	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	43,634	77,702	97,510	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9041	Architectural and Engineering Managers	104,411	151,126	168,557	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	34,986	66,159	74,213	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	60,059	115,289	116,506	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	39,688	83,725	105,123	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	33,116	65,237	69,284	No	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	60,031	125,940	130,777	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	50,758	95,688	111,853	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	77,730	96,862	105,643	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	35,228	71,761	84,167	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	42,963	70,386	80,272	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	49,772	98,822	121,326	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	48,648	79,738	81,713	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	46,646	75,855	80,108	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	58,738	122,356	155,180	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	36,153	81,117	89,981	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1020	Buyers and Purchasing Agents	38,636	69,988	85,970	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	38,891	65,542	79,269	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	48,144	66,960	76,548	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	36,919	66,200	82,313	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	33,989	67,619	79,354	No	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	37,760	66,255	81,353	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	23,527	86,457	120,789	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	47,767	81,218	99,486	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	40,921	72,324	87,592	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	52,707	96,496	122,170	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	45,551	91,633	106,418	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	33,073	55,035	67,775	No	No	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	32,136	55,138	67,620	No	No	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	44,151	68,110	79,392	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	37,365	70,720	85,634	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	37,808	73,447	87,192	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	38,282	71,927	84,172	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	45,581	78,493	84,275	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	38,952	64,657	80,964	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	45,914	72,780	90,495	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2041	Credit Analysts	50,708	87,164	101,192	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	51,526	87,914	103,719	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	38,401	124,978	135,287	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	47,110	74,040	86,186	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	57,424	102,216	124,957	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	47,443	84,829	105,418	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	35,880	55,656	61,267	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	35,234	74,213	95,490	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,245	54,702	75,099	No	No	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	24,441	44,031	57,617	No	No	No	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	37,594	65,678	79,648	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	52,934	98,556	112,716	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	65,611	116,316	139,783	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	66,560	105,313	122,671	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	44,444	77,260	86,698	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	35,107	56,952	64,925	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	63,755	114,523	136,988	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	55,162	101,388	129,838	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	63,596	122,903	147,616	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	48,921	90,518	109,702	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	54,509	94,761	107,067	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	68,038	109,950	131,420	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	54,303	90,955	105,497	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
15-1254	Web Developers	47,659	86,623	107,298	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	40,999	83,362	106,372	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	47,625	95,483	113,235	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2011	Actuaries	65,273	117,824	130,332	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	38,936	92,522	127,233	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	38,958	72,204	89,317	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	45,947	103,838	149,989	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	51,670	97,745	116,328	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	39,637	81,590	98,829	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	50,513	107,167	122,678	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	43,923	69,705	78,351	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	44,249	83,445	102,522	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	37,296	71,853	91,474	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	76,988	106,860	122,678	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers	45,604	84,355	108,563	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-2031	Bioengineers and Biomedical Engineers	59,470	82,309	98,563	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2041	Chemical Engineers	65,588	106,227	130,669	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	61,214	102,341	123,910	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	61,214	126,753	180,525	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	63,377	100,316	123,988	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	78,358	100,481	112,464	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	60,894	93,082	105,783	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	29,965	74,471	98,197	No	Yes	Yes	Bachelor's degree	No	No	No
17-2112	Industrial Engineers	59,769	94,373	110,502	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	63,450	97,138	117,969	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2131	Materials Engineers	66,583	98,403	121,405	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	59,518	94,791	112,847	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	75,752	106,481	108,086	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2161	Nuclear Engineers	78,943	113,781	123,320	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	65,412	127,798	153,320	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	48,339	96,968	119,517	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-3011	Architectural and Civil Drafters	37,483	58,221	66,257	Yes	Yes	Yes	Associate's degree	No	No	No
17-3012	Electrical and Electronics Drafters	47,115	65,128	76,286	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	35,735	55,704	69,371	Yes	No	Yes	Associate's degree	No	No	Yes
17-3019	Drafters, All Other	35,122	54,280	62,802	Yes	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	35,233	68,653	77,539	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	38,655	66,714	76,427	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	49,442	71,611	87,298	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	44,747	69,287	78,261	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	31,181	45,451	49,676	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	37,577	66,097	73,764	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	44,600	60,475	67,245	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
17-3028	Calibration Technologists and Technicians	35,840	76,638	81,274	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	35,735	69,597	86,070	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,354	45,844	54,453	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	33,517	51,759	53,031	No	No	No	Master's degree	No	No	No
19-1012	Food Scientists and Technologists	49,411	80,678	106,170	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
19-1013	Soil and Plant Scientists	38,790	80,841	100,825	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1021	Biochemists and Biophysicists	39,033	85,484	107,736	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	37,853	61,484	75,953	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	33,093	51,888	58,365	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	42,494	62,116	84,635	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	31,138	57,929	73,381	No	Yes	No	Bachelor's degree	No	No	No
19-1032	Foresters	36,296	65,348	89,981	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	63,115	83,174	102,830	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	56,625	95,534	116,729	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	54,909	84,326	90,117	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	75,828	155,102	217,574	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-2012	Physicists	124,625	215,839	217,574	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	60,998	99,365	122,678	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2031	Chemists	37,045	65,245	83,900	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	99,107	125,611	135,370	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	37,565	67,013	79,435	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	44,809	87,499	103,168	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2043	Hydrologists	41,463	65,122	83,095	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	70,616	96,952	113,235	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	49,348	103,000	122,678	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	51,493	98,099	124,410	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	72,450	124,683	150,877	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	36,202	80,743	110,310	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	36,417	66,789	75,609	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	63,481	106,565	119,517	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,569	57,139	49,497	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	47,098	74,094	88,254	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	46,996	75,888	94,370	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	54,909	84,326	90,117	Yes	Yes	Yes	Master's degree	Yes	Yes	No
19-3093	Historians	35,042	69,997	95,276	Yes	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	37,437	93,495	126,931	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	58,032	85,305	100,526	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	29,251	38,907	45,166	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	34,840	67,172	75,244	No	Yes	Yes	Associate's degree	No	Yes	Yes
19-4021	Biological Technicians	31,080	47,827	58,157	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	34,616	44,488	48,478	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	29,182	43,419	50,938	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,818	39,627	43,297	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	29,174	54,167	58,470	No	No	No	Associate's degree	No	No	No
19-4051	Nuclear Technicians	38,060	61,821	78,476	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	30,714	39,311	47,765	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,417	44,344	50,690	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	31,246	53,532	63,190	No	No	No	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	32,053	50,516	60,195	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	41,600	73,370	93,844	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	44,234	61,591	60,727	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	30,024	50,439	62,684	No	No	No	Master's degree	No	Yes	No
21-1013	Marriage and Family Therapists	33,384	42,806	47,810	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	24,501	42,102	43,243	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	30,992	50,827	61,375	No	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	30,227	40,072	46,147	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	35,318	48,759	59,183	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	33,273	55,418	63,583	No	No	No	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	32,785	46,581	50,746	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	34,507	52,981	62,378	No	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	30,098	50,348	59,085	No	No	No	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	33,280	42,255	48,155	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	28,069	38,718	43,660	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	30,884	47,486	59,030	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	31,030	51,897	49,538	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	26,986	53,268	61,654	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	27,337	53,837	73,056	No	No	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	29,812	47,474	59,651	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	62,895	129,881	149,990	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	36,376	55,143	61,830	Yes	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	39,520	79,933	113,235	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	48,984	61,631	62,920	Yes	Yes	No	Bachelor's degree	Yes	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	41,506	91,227	113,284	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	38,118	57,183	64,560	Yes	Yes	Yes	Associate's degree	No	No	No
23-2099	Title Examiners, Abstractors, and Searchers	36,445	53,316	59,686	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	33,010	72,449	87,110	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	47,628	74,963	97,066	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	47,457	84,791	98,975	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	46,705	70,826	77,342	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,778	100,241	125,685	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	50,749	73,833	85,863	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	43,745	60,691	73,793	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	53,006	84,648	95,738	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	43,745	60,691	73,793	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	48,006	61,168	62,337	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	40,382	71,224	63,805	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,355	70,474	87,859	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	51,732	52,362	51,953	Yes	No	No	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	45,575	83,041	97,564	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,336	65,266	74,932	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	47,676	55,725	54,032	Yes	No	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	45,575	62,629	60,682	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	44,222	62,268	57,499	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	44,656	75,490	80,095	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	46,645	98,226	117,314	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	47,169	60,021	59,578	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	48,692	97,331	101,183	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
25-1072	Nursing Instructors and Teachers, Postsecondary	47,542	77,163	85,009	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	47,221	71,911	83,235	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	47,190	72,285	79,653	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	45,739	57,963	59,835	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	57,437	172,167	203,480	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1113	Social Work Teachers, Postsecondary	59,669	68,440	75,205	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	48,694	78,569	75,600	Yes	Yes	Yes	Master's degree	No	No	No
25-1122	Communications Teachers, Postsecondary	39,340	70,843	78,880	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	47,854	67,721	79,051	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	38,642	65,042	78,827	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	40,941	54,209	47,706	Yes	No	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	49,160	59,458	74,809	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	36,931	72,742	83,508	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	42,878	73,161	77,171	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	35,680	57,644	75,918	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	37,783	62,391	75,922	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,966	29,646	31,179	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	44,394	55,110	64,925	Yes	No	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	47,032	63,414	74,683	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	38,009	60,069	73,324	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	60,601	70,230	72,966	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	47,811	65,947	74,670	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2032	Career/Technical Education Teachers, Secondary School	48,610	68,352	77,613	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	29,380	42,081	47,639	No	No	No	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	42,085	62,663	74,629	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	30,755	59,325	65,187	No	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	48,608	69,456	74,672	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2059	Special Education Teachers, All Other	30,800	55,616	68,224	No	No	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	35,809	52,410	74,069	Yes	No	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,429	40,697	51,012	No	No	No	Some college, no degree	No	No	Yes
25-3031	Substitute Teachers, Short-Term	23,546	43,656	36,933	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	25,839	50,281	75,356	No	No	Yes	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	23,854	51,971	60,475	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	28,589	45,779	54,666	No	No	No	Master's degree	No	No	No
25-4012	Curators	35,875	55,638	65,487	Yes	No	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	35,045	45,345	49,684	Yes	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	43,959	55,901	65,977	Yes	No	Yes	Master's degree	No	No	No
25-4031	Library Technicians	28,080	38,495	37,225	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,667	46,120	56,710	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	37,981	64,590	76,825	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	22,388	33,546	43,281	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,754	30,196	29,470	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	20,800	50,522	63,349	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	56,762	95,938	102,727	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
27-1012	Craft Artists	20,694	33,417	38,537	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,650	57,371	68,667	No	Yes	Yes	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	39,770	60,758	70,958	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	27,053	55,929	89,939	No	No	Yes	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	22,674	64,230	81,973	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	28,037	68,026	83,921	No	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	23,978	33,683	36,280	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	36,221	56,226	63,353	Yes	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	32,068	60,970	76,244	No	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,162	35,429	39,226	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	37,531	52,651	54,563	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	29,582	107,960	85,066	No	Yes	Yes	Bachelor's degree	No	Yes	No
27-2011	Actors	29,319	33,436	31,236	No	No	No	Some college, no degree	No	No	No
27-2012	Producers and Directors	37,478	71,927	83,704	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,715	63,057	62,706	No	Yes	No	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	28,451	60,840	63,412	No	Yes	No	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	22,036	43,569	46,609	No	No	No	Some college, no degree	No	No	No
27-2031	Dancers	29,319	33,436	31,236	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,319	33,436	31,236	No	No	No	Some college, no degree	No	No	No
27-2041	Music Directors and Composers	32,656	67,813	82,662	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,319	33,436	31,236	No	No	No	Some college, no degree	No	No	No
27-2091	Disc Jockeys, Except Radio	21,609	59,085	58,511	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,609	59,085	58,511	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,221	44,510	53,769	No	No	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	31,547	60,934	65,160	No	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	36,152	64,959	75,909	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	37,596	67,051	78,614	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	53,384	78,671	87,615	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	38,245	52,752	62,094	Yes	No	No	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	32,114	55,032	72,800	No	No	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	27,421	50,134	61,936	No	No	No	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	21,043	42,372	50,725	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	33,134	52,397	60,901	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	20,918	36,696	40,309	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	26,894	51,139	60,671	No	No	No	Associate's degree	No	No	No
27-4015	Lighting Technicians	29,192	47,969	59,037	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	28,437	42,902	51,341	No	No	No	Some college, no degree	No	No	Yes
27-4031	Camera Operators, Television, Video, and Film	22,886	51,810	64,974	No	No	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	30,621	50,793	61,784	No	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	25,678	51,826	75,026	No	No	Yes	Associate's degree	No	No	Yes
29-1011	Chiropractors	62,852	102,746	124,690	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	62,400	171,639	212,019	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	51,133	221,264	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	68,537	166,383	207,237	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	51,133	221,264	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	50,930	146,314	194,459	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes



Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	49,779	66,640	74,446	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	53,636	116,762	139,696	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1051	Pharmacists	50,930	116,283	134,397	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	37,211	105,413	132,857	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	40,703	142,738	184,004	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	72,003	91,339	99,796	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	58,154	92,656	101,468	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	69,545	85,707	98,020	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	30,959	50,473	58,557	No	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	54,371	69,196	75,718	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	62,136	86,423	99,632	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	38,781	48,374	50,047	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	37,913	54,910	53,896	Yes	No	No	Bachelor's degree	No	No	No
29-1131	Veterinarians	66,315	113,698	133,348	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	61,973	78,473	82,042	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	165,765	195,490	215,758	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	61,441	95,091	109,235	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	81,200	115,501	128,586	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	77,667	112,972	183,407	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
29-1211	Anesthesiologists	220,999	354,914	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	175,640	417,404	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	60,614	253,055	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	216,860	338,238	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	66,315	240,954	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1216	General Internal Medicine Physicians	118,744	318,858	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	90,867	267,442	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	60,614	253,055	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	177,319	238,577	231,893	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	64,288	156,953	*	Yes	Yes	Yes*	Doctoral or professional degree	No	No	Yes*
29-1223	Psychiatrists	54,971	222,291	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	81,927	315,989	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1229	Physicians, All Other	127,936	276,549	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	98,896	234,445	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	63,271	311,907	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	63,271	311,907	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	225,781	798,051	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	28,229	49,215	53,138	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	59,331	78,551	82,695	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	66,206	87,643	100,526	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	30,974	56,404	71,826	No	No	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	30,434	57,327	77,298	No	Yes	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	62,191	75,119	79,713	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	65,961	82,832	93,813	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	44,051	61,618	73,167	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	49,121	71,217	79,112	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	98,333	124,401	138,291	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	27,658	33,090	36,777	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	38,558	49,982	48,218	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-2051	Dietetic Technicians	23,226	30,966	33,632	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,320	38,872	43,182	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	28,508	36,266	37,731	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	39,054	51,850	60,550	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	28,648	37,573	45,098	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	28,963	41,419	47,547	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	40,118	51,779	57,100	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	31,282	46,301	50,913	No	No	No	Postsecondary nondegree award	No	No	No
29-2081	Opticians, Dispensing	30,304	48,241	58,936	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	48,670	91,621	114,636	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	31,324	51,190	67,001	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	30,318	44,937	49,213	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	35,629	64,276	80,788	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	41,995	54,066	60,966	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	50,072	86,409	100,241	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	29,463	45,052	61,550	No	No	No	Postsecondary nondegree award	No	No	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	37,040	82,777	97,541	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,692	28,140	29,784	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	27,157	33,195	36,574	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	24,438	29,745	31,053	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	27,040	30,934	33,280	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	53,243	67,653	72,864	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,144	54,530	66,503	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	39,912	64,234	73,750	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
31-2022	Physical Therapist Aides	22,622	30,623	32,959	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	30,334	47,594	50,544	No	No	No	Postsecondary nondegree award	No	Yes	No
31-9091	Dental Assistants	38,099	45,026	47,312	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	31,121	38,479	40,862	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	28,888	37,158	41,506	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	29,020	37,545	46,003	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,956	29,629	29,951	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	24,589	32,169	35,690	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	30,567	37,097	38,022	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	26,635	40,351	47,803	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	42,099	63,059	92,014	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	65,347	96,416	99,854	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	63,518	86,526	97,036	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	27,716	44,655	51,681	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	40,674	60,195	68,090	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	41,267	55,594	64,462	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	44,607	59,887	62,362	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	54,179	89,095	100,581	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	29,123	46,856	58,437	No	No	No	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	38,188	51,344	61,790	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
33-3021	Detectives and Criminal Investigators	46,010	89,897	137,613	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	26,321	28,540	28,706	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	30,871	34,512	35,702	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	40,164	57,842	75,070	Yes	Yes	Yes	Associate's degree	No	No	Yes
33-3052	Transit and Railroad Police	58,131	72,226	59,280	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	34,590	39,499	42,016	No	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	34,840	60,523	70,762	No	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,615	34,682	37,593	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,902	31,487	33,688	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	26,863	35,130	37,348	No	No	No	No formal educational credential	Yes	Yes	Yes
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,899	28,735	30,513	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	36,421	43,731	45,573	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	22,398	27,140	28,299	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	26,367	40,943	46,839	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	36,834	54,052	63,696	Yes	No	No	Associate's degree	No	No	No
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	28,216	39,012	45,660	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,109	25,297	27,262	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	22,980	33,465	36,279	No	No	No	No formal educational credential	No	Yes	Yes
35-2013	Cooks, Private Household	31,489	57,294	70,601	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	27,971	32,728	35,020	No	No	No	High school diploma or equivalent	No	Yes	No
35-2015	Cooks, Short Order	22,241	30,241	34,094	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	27,404	31,879	34,349	No	No	No	No formal educational credential	Yes	No	No
35-2021	Food Preparation Workers	23,871	30,943	34,736	No	No	No	No formal educational credential	No	No	Yes
35-3011	Bartenders	21,332	34,320	38,509	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,047	25,121	27,245	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,109	31,916	36,559	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	23,200	28,757	31,313	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,285	27,795	30,380	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,427	26,875	28,731	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,426	28,783	29,368	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	23,131	28,135	28,742	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,124	43,969	50,855	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	35,703	51,272	59,261	Yes	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,673	29,922	33,010	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,114	28,693	30,308	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,790	29,611	32,317	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	30,417	41,046	46,229	No	No	No	High school diploma or equivalent	No	No	No
37-3011	Landscaping and Groundskeeping Workers	28,164	33,252	36,228	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	23,501	36,771	42,015	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	30,409	39,783	47,171	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	34,084	54,820	73,237	No	No	Yes	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	32,122	56,194	68,965	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	29,871	47,187	55,137	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	30,791	44,503	49,729	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	22,915	32,726	39,662	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,499	30,003	30,496	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,899	34,264	46,275	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,860	27,839	29,952	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,247	31,528	36,658	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	30,974	37,437	41,856	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,072	24,898	27,556	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,333	27,105	29,208	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	25,172	40,435	47,054	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,235	29,467	30,670	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,670	28,219	28,268	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,801	45,448	50,919	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,253	38,556	46,081	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	24,282	30,702	34,032	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	35,047	56,951	73,594	Yes	Yes	Yes	Associate's degree	No	No	Yes
39-5011	Barbers	22,356	33,513	37,537	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	23,011	34,803	36,517	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	36,668	42,606	37,787	Yes	No	No	Postsecondary nondegree award	Yes	No	No
39-5092	Manicurists and Pedicurists	22,734	33,231	35,877	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,247	23,887	25,776	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	23,550	42,539	44,625	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,442	27,823	32,229	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	27,338	34,803	37,846	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	24,856	38,900	38,406	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,646	26,733	29,074	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	21,360	42,395	48,288	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	22,677	32,786	36,094	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	25,511	36,370	41,626	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	32,637	32,503	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,459	49,950	57,855	No	No	No	Some college, no degree	No	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	47,500	96,899	108,071	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,104	26,621	28,522	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,665	32,395	33,563	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	24,651	35,519	37,696	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	23,004	37,191	43,805	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,494	32,173	33,973	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	32,087	56,910	62,251	No	Yes	No	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	25,027	71,840	80,685	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	39,721	83,433	99,573	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	28,429	47,126	56,333	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	31,357	66,817	78,778	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	41,632	96,630	123,022	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	34,810	72,400	85,075	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	23,306	41,089	43,083	No	No	No	No formal educational credential	No	Yes	Yes
41-9012	Models	21,395	31,811	34,205	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	32,139	71,738	79,151	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9022	Real Estate Sales Agents	30,159	60,980	61,276	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	51,583	122,496	159,598	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	23,378	31,473	32,345	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	30,381	45,334	51,660	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	21,606	40,483	47,361	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	38,034	64,769	76,922	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	24,446	31,757	34,609	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,367	30,477	33,368	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,403	46,035	57,471	No	No	No	High school diploma or equivalent	No	No	Yes
43-3011	Bill and Account Collectors	31,306	38,761	40,672	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	31,937	41,353	45,417	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	31,018	46,450	51,346	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,600	31,197	37,116	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	34,478	45,840	50,699	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	33,075	44,084	49,982	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	29,461	37,332	38,966	No	No	No	High school diploma or equivalent	No	No	No
43-3099	Financial Clerks, All Other	37,092	55,323	63,459	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	37,067	53,581	60,343	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	32,550	36,356	39,520	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	32,094	39,070	40,845	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	32,402	48,196	53,908	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	28,269	39,731	44,990	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	30,014	46,594	57,803	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-4071	File Clerks	26,348	35,651	39,290	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,268	29,059	29,805	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	30,921	37,963	41,018	No	No	No	High school diploma or equivalent	Yes	No	No
43-4121	Library Assistants, Clerical	23,115	31,620	36,318	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	37,115	50,752	60,785	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	37,371	42,988	46,553	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	28,230	37,017	40,628	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	34,156	44,032	50,423	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	24,370	32,762	36,485	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	25,713	41,919	49,350	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	30,967	43,401	49,650	No	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	32,657	49,256	58,025	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	24,881	32,347	34,686	No	No	No	High school diploma or equivalent	Yes	No	No
43-5031	Public Safety Telecommunicators	32,262	43,121	46,687	No	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	31,028	45,262	50,690	No	No	No	High school diploma or equivalent	Yes	No	No
43-5041	Meter Readers, Utilities	29,966	52,277	76,374	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
43-5051	Postal Service Clerks	39,770	55,837	68,307	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	56,389	71,344	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	38,584	52,189	67,163	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	33,075	52,056	62,345	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	28,400	39,308	46,070	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30,155	39,372	45,760	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	35,250	58,469	72,843	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	31,761	47,416	57,830	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	29,912	37,584	39,224	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	28,280	40,063	46,967	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	27,715	38,101	42,879	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	23,313	33,230	38,305	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	31,462	45,862	50,232	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	30,025	43,114	47,172	No	No	No	High school diploma or equivalent	No	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	23,690	33,123	37,634	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	27,181	40,337	46,774	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	24,632	41,458	59,977	No	No	No	High school diploma or equivalent	No	No	Yes
43-9081	Proofreaders and Copy Markers	28,526	34,267	35,395	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	35,287	42,891	47,686	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	28,886	41,861	46,039	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	35,734	56,699	75,403	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	31,200	35,684	34,677	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	26,330	36,259	38,352	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	20,859	26,238	27,230	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	35,939	43,083	47,919	Yes	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	21,981	28,902	31,133	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	26,423	34,799	35,399	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,909	34,731	40,805	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	26,058	35,003	41,895	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,859	41,136	48,534	No	No	No	Postsecondary nondegree award	No	No	No
45-4021	Fallers	38,109	45,273	51,201	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	28,568	46,862	64,783	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
45-4023	Log Graders and Scalers	21,726	25,610	26,642	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	40,503	43,891	45,438	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	45,116	67,005	78,664	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,247	45,604	55,484	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	30,148	43,206	49,306	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	29,149	43,012	58,977	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	35,682	45,650	49,753	Yes	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	31,616	42,243	44,113	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	36,814	46,350	52,552	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,644	38,303	47,706	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	30,673	44,024	47,913	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	29,299	42,016	47,102	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	34,196	50,558	56,243	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	27,891	37,898	41,600	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	29,029	39,411	45,272	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	32,554	50,011	54,648	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2073	Operating Engineers and Other Construction Equipment Operators	31,659	44,147	48,230	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	22,185	37,581	47,081	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	36,031	64,945	85,085	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	37,128	51,394	59,086	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	29,134	43,964	50,938	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	28,080	41,727	48,774	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	31,701	43,612	50,014	No	No	No	High school diploma or equivalent	Yes	No	No
47-2141	Painters, Construction and Maintenance	30,950	41,139	46,930	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,861	35,996	43,346	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	35,300	42,153	45,856	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	36,750	49,537	57,735	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	28,765	42,723	47,461	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	34,312	45,682	53,625	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-2181	Roofers	27,990	41,729	47,965	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	30,595	47,199	55,810	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2221	Structural Iron and Steel Workers	35,889	52,114	61,949	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	34,585	42,314	45,565	No	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,247	33,407	37,145	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	26,043	32,519	35,229	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	29,973	35,506	37,472	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	29,184	31,745	32,075	No	No	No	No formal educational credential	Yes	Yes	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	28,781	34,810	37,040	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	29,085	35,286	37,505	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	28,299	36,138	40,165	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	38,188	60,311	72,800	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	48,443	88,176	102,501	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	31,130	40,648	41,714	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	32,075	39,591	44,554	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	27,040	34,732	37,621	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	43,871	53,381	60,604	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30,661	44,648	51,403	No	No	No	High school diploma or equivalent	Yes	No	No
47-4090	Miscellaneous Construction and Related Workers	31,495	44,365	47,993	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	33,300	48,154	59,514	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	39,851	52,554	54,919	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,337	52,856	60,779	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	29,044	44,344	50,356	No	No	No	High school diploma or equivalent	No	No	No
47-5023	Earth Drillers, Except Oil and Gas	33,800	49,250	54,080	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	35,697	53,646	60,502	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,730	39,179	43,346	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	34,896	39,510	43,813	No	No	No	No formal educational credential	Yes	Yes	
47-5049	Underground Mining Machine Operators, All Other	34,896	39,510	43,813	No	No	No	No formal educational credential	Yes	Yes	
47-5051	Rock Splitters, Quarry	35,918	65,159	86,915	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	32,861	45,456	60,520	No	No	No	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	29,022	33,401	34,748	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	27,061	43,638	42,654	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	43,104	72,304	83,997	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	31,123	39,920	44,507	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	37,024	61,507	76,211	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	35,559	56,396	77,647	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	47,483	66,234	75,579	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	36,029	48,584	56,496	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	47,430	50,835	52,211	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	39,093	58,024	64,875	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	51,915	86,882	98,927	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	27,040	42,319	47,417	No	No	No	Postsecondary nondegree award	No	No	
49-2097	Audiovisual Equipment Installers and Repairers	38,016	52,046	68,471	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-2098	Security and Fire Alarm Systems Installers	31,242	46,685	58,372	No	No	No	Postsecondary nondegree award	No	Yes	
49-3011	Aircraft Mechanics and Service Technicians	46,632	63,273	74,127	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-3021	Automotive Body and Related Repairers	36,198	48,738	49,910	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-3022	Automotive Glass Installers and Repairers	35,919	46,040	46,473	Yes	No	No	High school diploma or equivalent	Yes	No	
49-3023	Automotive Service Technicians and Mechanics	28,918	45,078	54,976	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	37,380	56,603	67,853	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	30,107	46,344	48,203	No	No	No	High school diploma or equivalent	No	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,647	56,093	65,163	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	37,417	47,040	50,830	Yes	No	No	High school diploma or equivalent	Yes	No	
49-3051	Motorboat Mechanics and Service Technicians	36,107	51,054	59,429	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	34,494	49,347	62,684	No	No	No	High school diploma or equivalent	Yes	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	28,916	39,864	45,421	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	23,457	33,206	40,428	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	30,580	48,057	62,103	No	No	No	High school diploma or equivalent	No	Yes	
49-3093	Tire Repairers and Changers	24,044	32,961	37,919	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	31,680	44,120	50,288	No	No	No	High school diploma or equivalent	Yes	No	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	43,419	64,682	79,076	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	33,657	50,467	60,138	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	27,544	44,073	50,024	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	37,725	56,720	66,057	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	34,052	49,441	58,824	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	48,787	62,099	71,351	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons	25,464	33,748	37,106	No	No	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	44,275	74,284	95,759	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	34,068	49,836	57,264	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	39,179	52,067	58,083	Yes	No	No	Associate's degree	No	No	
49-9062	Medical Equipment Repairers	34,067	53,269	63,651	No	No	No	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	27,756	42,718	53,808	No	No	No	High school diploma or equivalent	No	Yes	
49-9064	Watch and Clock Repairers	20,800	38,652	44,232	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	49,130	60,902	66,040	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	28,648	42,533	49,210	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians	47,015	66,308	76,869	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	27,975	40,962	49,101	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	39,345	51,078	52,541	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-9094	Locksmiths and Safe Repairers	30,906	43,642	47,834	No	No	No	High school diploma or equivalent	Yes	No	
49-9095	Manufactured Building and Mobile Home Installers	21,279	30,088	38,070	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	36,805	53,570	59,802	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	46,013	61,655	69,618	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	25,894	34,175	36,878	No	No	No	High school diploma or equivalent	Yes	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,216	41,192	45,392	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	38,522	66,112	79,324	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	36,011	50,697	62,548	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	34,975	41,731	45,840	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	24,680	39,688	45,289	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	31,251	41,698	49,925	No	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	31,505	43,176	49,180	No	No	No	High school diploma or equivalent	Yes	No	
51-2051	Fiberglass Laminators and Fabricators	28,675	37,852	38,032	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	26,078	35,383	38,653	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	23,326	31,261	36,177	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	28,559	37,351	43,449	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	24,960	34,507	39,276	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	25,912	27,245	28,277	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	26,447	37,392	47,460	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	23,859	34,399	46,179	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	24,339	31,201	35,279	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	25,173	28,104	28,616	No	No	No	No formal educational credential	Yes	No	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	32,208	40,825	44,887	No	No	No	High school diploma or equivalent	Yes	No	

Wages - Workforce Region 8

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,543	39,024	44,572	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	37,264	44,421	47,324	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	29,996	38,248	43,873	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,358	54,783	81,386	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,854	32,906	35,826	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,197	37,904	46,567	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	38,469	45,672	46,897	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	32,298	48,392	57,235	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	38,118	48,602	49,507	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	29,056	45,429	55,094	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic	32,181	50,685	58,988	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,292	49,186	76,003	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	23,761	38,709	55,108	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	25,288	37,521	40,217	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,540	41,104	47,172	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	43,877	63,317	79,971	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	32,330	46,308	53,095	No	No	No	Postsecondary nondegree award	No	No	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	31,575	38,783	41,065	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,296	39,695	46,139	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	33,057	46,509	51,250	No	No	No	High school diploma or equivalent	Yes	No	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	36,160	45,302	55,286	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
51-4194	Tool Grinders, Filers, and Sharpeners	26,807	35,870	37,865	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	29,152	42,627	49,378	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	33,847	45,594	49,323	No	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	24,888	38,557	48,464	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	27,224	38,597	45,644	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,272	27,067	29,324	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	23,467	28,669	29,476	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	21,541	30,520	34,825	No	No	No	No formal educational credential	No	No	Yes
51-6041	Shoe and Leather Workers and Repairers	22,933	32,103	36,240	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	26,350	38,070	45,039	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	21,463	29,007	29,572	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	29,041	36,338	37,690	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,466	26,905	27,499	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	28,148	34,163	36,925	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,866	30,896	33,641	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,651	32,697	37,164	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,891	57,304	81,503	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,292	49,186	76,003	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	26,422	39,836	44,890	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,632	33,261	37,096	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,924	42,325	48,642	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	34,913	43,033	46,957	No	No	No	High school diploma or equivalent	Yes	No	No
51-7031	Model Makers, Wood	32,181	50,685	58,988	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7032	Patternmakers, Wood	26,292	49,186	76,003	No	No	No	High school diploma or equivalent	No	No	No
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	28,230	35,939	38,252	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	26,296	37,217	48,298	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,807	31,743	32,083	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	47,259	74,562	94,400	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	62,544	88,896	96,275	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	42,718	80,816	96,496	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	62,202	65,889	68,890	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	36,823	58,701	73,403	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	40,727	60,331	65,315	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	32,912	50,267	63,480	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	48,661	58,866	64,771	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	32,674	66,597	105,768	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	29,390	51,670	52,039	No	No	No	High school diploma or equivalent	No	Yes	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	31,200	39,576	49,651	No	No	No	High school diploma or equivalent	Yes	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	32,414	42,580	49,360	No	No	No	High school diploma or equivalent	Yes	No	No
51-9022	Grinding and Polishing Workers, Hand	27,722	34,624	37,651	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	33,422	41,114	45,760	No	No	No	High school diploma or equivalent	Yes	No	No
51-9031	Cutters and Trimmers, Hand	21,366	34,711	38,994	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	29,952	42,929	50,148	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	26,344	34,722	39,775	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30,784	40,057	49,615	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	28,939	48,292	59,187	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	24,510	47,667	55,717	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	30,705	50,439	56,240	No	No	No	Postsecondary nondegree award	No	Yes	Yes

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May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	28,491	39,311	48,233	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	28,684	34,652	35,690	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	24,349	43,774	57,529	No	No	No	High school diploma or equivalent	No	No	Yes
51-9123	Painting, Coating, and Decorating Workers	23,464	35,549	42,471	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	30,613	43,702	48,897	No	No	No	High school diploma or equivalent	No	No	No
51-9141	Semiconductor Processing Technicians	37,067	46,645	49,468	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	22,787	34,458	37,106	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	30,345	42,611	48,052	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	38,965	59,888	69,008	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	29,137	37,720	46,448	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	24,573	32,917	38,327	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,876	44,543	47,444	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	28,452	33,933	37,398	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	28,934	38,624	40,763	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	35,633	48,880	56,324	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9197	Tire Builders	28,268	36,580	39,530	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	27,163	36,705	39,664	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	24,334	33,924	40,146	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	36,853	55,571	60,623	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	37,417	60,227	73,358	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	99,310	208,989	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	54,787	120,797	144,103	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	83,096	140,108	164,549	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	28,990	48,955	68,827	No	No	Yes	Some college, no degree	No	Yes	Yes
53-2031	Flight Attendants	49,353	76,146	78,768	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	21,921	26,474	29,899	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	21,131	32,994	40,311	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,581	51,656	60,627	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	25,389	44,371	48,748	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	30,090	37,166	40,082	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	29,064	37,636	36,169	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	23,786	34,490	35,832	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,315	30,847	31,090	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	22,318	29,600	31,200	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	55,085	66,912	72,285	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,343	52,544	50,617	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Fiers	34,388	41,659	42,637	No	No	No	High school diploma or equivalent	Yes	No	No
53-4031	Railroad Conductors and Yardmasters	61,684	69,627	72,333	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,443	40,649	51,055	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	40,162	40,834	40,172	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	36,957	45,425	47,764	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	43,732	87,278	102,362	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	32,311	53,454	60,174	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5031	Ship Engineers	75,390	99,267	113,883	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,439	31,188	35,412	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,390	27,884	29,730	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	27,100	31,781	35,875	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	29,491	35,265	36,173	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	30,006	52,165	63,806	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	36,802	70,534	94,491	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	21,235	28,752	35,526	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,800	30,938	39,814	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	25,990	33,291	40,563	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	38,051	62,504	75,742	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	35,708	48,245	42,515	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	32,095	61,244	70,788	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,651	41,972	47,371	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,067	30,011	32,813	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	26,803	35,935	36,843	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	28,857	41,039	46,915	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	22,919	27,216	28,923	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	27,413	34,039	34,951	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,883	35,646	33,115	No	No	No	High school diploma or equivalent	No	No	No
53-7072	Pump Operators, Except Wellhead Pumps	31,947	44,932	50,442	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps	29,883	35,646	33,115	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	28,544	39,354	46,298	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	57,566	62,932	59,447	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	28,848	45,011	45,416	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 8

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	35,011	56,599	64,253	829
No formal educational credential	24,067	31,705	34,405	85
High school diploma or equivalent	30,643	46,583	53,234	236
Some college, no degree	29,601	44,407	49,585	49
Postsecondary nondegree award	33,369	47,552	54,357	90
Associate's degree	40,199	59,641	68,108	68
Bachelor's degree	48,851	90,074	105,537	185
Master's degree	53,389	83,142	95,514	43
Doctoral or professional degree	71,371	157,726	152,950	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	511	318	494	335	483	346
No formal educational credential	42.35%	57.65%	31.76%	68.24%	32.94%	67.06%
High school diploma or equivalent	66.95%	33.05%	79.24%	20.76%	77.54%	22.46%
Some college, no degree	40.82%	59.18%	32.65%	67.35%	28.57%	71.43%
Postsecondary nondegree award	47.78%	52.22%	37.78%	62.22%	38.89%	61.11%
Associate's degree	66.18%	33.82%	50.00%	50.00%	45.59%	54.41%
Bachelor's degree	63.24%	36.76%	64.86%	35.14%	65.41%	34.59%
Master's degree	76.74%	23.26%	58.14%	41.86%	58.14%	41.86%
Doctoral or professional degree	80.82%	19.18%	69.86%	30.14%	63.01%	36.99%



Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	80,143	306,653	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	44,193	115,941	137,830	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	68,266	106,455	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	50,230	108,422	130,880	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	73,802	144,711	177,497	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	51,002	130,986	164,770	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	64,920	114,168	132,178	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	61,568	116,961	142,407	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	43,920	78,507	89,049	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-3013	Facilities Managers	45,283	88,530	106,339	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-3021	Computer and Information Systems Managers	90,270	134,901	160,980	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	61,339	129,563	155,871	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	35,318	105,364	131,160	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3061	Purchasing Managers	58,011	118,509	137,446	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	45,554	103,597	136,636	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3111	Compensation and Benefits Managers	71,302	110,713	147,541	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	78,419	99,511	92,529	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
11-3131	Training and Development Managers	66,872	81,870	66,872	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
11-9013	Farmers, Ranchers, and Other Agricultural Managers	22,855	83,988	117,340	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	51,744	109,495	123,377	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	32,679	53,906	60,036	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	59,477	88,060	103,144	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	61,461	94,498	96,436	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	29,470	61,503	76,833	No	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	80,467	139,514	160,772	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	37,425	67,019	77,225	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	58,344	111,997	113,179	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	36,812	70,075	89,981	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	39,047	69,987	76,886	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	61,650	119,057	142,979	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	52,811	103,792	132,709	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	76,211	87,127	100,797	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	36,724	61,334	71,663	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	43,388	71,217	84,850	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	47,375	85,095	101,699	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	21,543	69,286	88,792	No	Yes	Yes	Associate's degree	No	Yes	Yes
11-9179	Personal Services Managers, All Other	45,342	74,107	89,208	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	56,327	112,045	128,304	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	28,359	90,967	148,204	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	37,992	60,387	70,021	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	49,348	73,342	81,298	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	46,769	65,048	74,362	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	35,110	61,043	76,149	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	33,617	62,146	76,655	No	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	37,254	59,534	68,411	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors										
13-1075	Labor Relations Specialists	47,447	56,465	50,423	Yes	Yes	No	Bachelor's degree	Yes	No	No
13-1081	Logisticians	34,463	65,490	78,557	No	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	49,591	84,413	99,301	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	38,418	80,229	93,575	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1121	Meeting, Convention, and Event Planners	40,505	55,526	65,801	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	38,629	51,249	55,289	Yes	No	No	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	42,224	63,655	74,542	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	34,701	63,365	69,383	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	31,200	69,391	84,819	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	35,748	59,028	66,843	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	39,368	73,013	85,469	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	44,984	68,380	77,484	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	49,167	68,910	69,511	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	47,516	72,539	83,716	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	53,147	79,051	85,686	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	36,980	133,789	164,565	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	45,347	68,617	76,946	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	51,441	103,988	120,904	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	37,202	83,584	104,998	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2071	Credit Counselors	32,245	46,486	46,788	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	35,173	59,842	71,794	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	28,933	36,765	36,754	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	23,376	43,750	57,564	No	No	No	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	34,427	59,505	73,913	No	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	45,236	86,040	99,541	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1212	Information Security Analysts	60,212	97,297	102,192	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	74,873	124,744	167,740	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	47,323	61,286	62,504	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
15-1232	Computer User Support Specialists	35,960	50,034	59,819	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	59,696	103,192	124,305	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	48,194	91,325	118,214	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	69,974	125,169	149,717	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	56,160	80,964	90,121	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1251	Computer Programmers	52,677	90,751	114,057	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	47,923	89,534	114,982	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	44,990	80,199	98,479	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-1254	Web Developers	43,751	73,187	87,131	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	35,663	67,956	77,000	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1299	Computer Occupations, All Other	47,171	82,016	97,260	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2011	Actuaries	67,128	118,522	127,760	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	37,824	89,879	123,599	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	35,360	79,726	96,145	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-2041	Statisticians	38,505	79,260	96,007	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	48,273	73,260	80,417	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-2099	Mathematical Science Occupations, All Other	38,505	79,260	96,007	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-1011	Architects, Except Landscape and Naval	47,622	98,132	99,802	Yes	Yes	Yes	Yes	Yes	Yes	Yes
17-1012	Landscape Architects	51,203	67,657	80,109	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1021	Cartographers and Photogrammetrists	47,482	65,875	72,860	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	34,726	62,776	76,538	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	73,133	109,557	127,505	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers	47,282	90,734	100,736	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2031	Bioengineers and Biomedical Engineers	47,164	89,333	97,587	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	63,715	103,193	126,937	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	59,394	96,283	118,540	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	62,646	74,467	78,921	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2071	Electrical Engineers	62,984	98,792	122,751	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	73,488	100,430	109,990	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	40,989	85,236	105,508	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	47,346	80,612	98,768	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
17-2112	Industrial Engineers	61,063	92,637	108,484	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	48,727	73,766	86,749	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	53,748	87,837	107,609	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	49,992	95,732	105,178	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	38,439	74,793	104,453	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-2161	Nuclear Engineers	76,688	110,531	119,798	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	63,544	124,148	148,941	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	45,344	76,265	93,205	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-3011	Architectural and Civil Drafters	39,875	59,330	69,021	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3012	Electrical and Electronics Drafters	41,049	49,386	51,545	Yes	No	No	Associate's degree	Yes	No	No
17-3013	Mechanical Drafters	36,518	54,286	60,861	Yes	No	No	Associate's degree	No	No	No
17-3019	Drafters, All Other	31,531	52,125	60,201	No	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	34,363	73,889	101,028	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	31,963	50,801	62,661	No	No	Yes	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	29,692	65,187	75,638	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	43,469	67,308	76,026	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	34,531	54,572	64,613	No	No	Yes	Associate's degree	No	No	Yes
17-3026	Industrial Engineering Technologists and Technicians	37,446	56,953	63,611	Yes	Yes	Yes	Associate's degree	No	Yes	No
17-3027	Mechanical Engineering Technologists and Technicians	37,077	56,585	63,185	Yes	Yes	Yes	Associate's degree	No	Yes	No
17-3028	Calibration Technologists and Technicians	47,169	70,497	81,210	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	35,044	57,950	70,634	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	27,857	42,760	49,757	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	35,290	77,199	115,098	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-1012	Food Scientists and Technologists	37,521	74,504	102,635	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	38,457	72,352	96,254	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1021	Biochemists and Biophysicists	37,919	83,043	104,659	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	34,429	56,623	69,360	No	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	37,440	58,741	69,406	Yes	Yes	Yes	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	36,462	58,531	67,579	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	31,138	61,718	81,994	No	Yes	No	Bachelor's degree	No	No	No
19-1032	Foresters	37,378	56,208	60,727	Yes	Yes	No	Bachelor's degree	No	No	No
19-1041	Epidemiologists	54,731	82,371	96,933	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	58,051	94,252	106,586	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	53,341	81,917	87,544	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	73,662	150,672	211,361	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	73,662	150,672	211,361	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	59,195	79,383	85,520	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	36,184	69,171	82,515	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	65,123	109,831	128,488	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	33,606	64,643	76,239	No	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	38,977	72,803	104,061	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-2043	Hydrologists	40,982	64,499	76,925	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	42,798	102,125	126,531	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	57,284	90,976	110,909	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	50,022	95,298	120,857	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	70,381	121,122	146,568	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-3033	Clinical and Counseling Psychologists	73,958	150,408	117,235	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	No
19-3034	School Psychologists	39,294	58,529	68,080	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	46,571	95,099	114,077	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	27,753	55,507	48,084	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	48,212	73,291	78,354	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	37,881	59,639	70,551	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	53,341	81,917	87,544	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3093	Historians	34,042	67,998	92,555	No	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists	36,368	90,825	123,306	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	33,280	70,751	89,336	No	Yes	Yes	Bachelor's degree	No	No	No
19-4012	Agricultural Technicians	28,415	37,796	43,876	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	28,998	46,931	72,716	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	30,614	45,414	54,696	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	33,075	56,163	63,248	No	Yes	Yes	Associate's degree	No	Yes	No
19-4042	Environmental Science and Protection Technicians, Including Health	28,382	41,455	48,824	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	29,938	38,495	42,060	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	34,146	53,370	63,828	No	Yes	No	Associate's degree	No	No	No
19-4051	Nuclear Technicians	36,973	60,055	76,234	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	29,096	46,637	53,559	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,169	44,613	53,086	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	40,401	50,447	63,480	Yes	No	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	43,065	48,208	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	40,118	65,357	79,855	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	38,146	58,949	65,719	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	38,359	47,781	49,471	Yes	No	No	Master's degree	No	No	No
21-1013	Marriage and Family Therapists	28,986	35,122	35,980	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	25,465	44,833	46,188	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	31,627	55,094	69,237	No	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	30,722	40,137	43,680	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	30,423	46,796	56,295	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	44,219	49,233	45,862	Yes	No	No	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	30,170	47,424	59,867	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	32,053	59,211	81,994	No	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	32,198	46,676	51,519	No	No	No	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,282	42,314	48,381	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	24,176	34,634	39,634	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	24,654	43,527	52,076	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	20,800	42,586	55,291	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	27,961	53,473	62,088	No	No	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	26,418	48,682	58,905	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	20,800	43,071	60,827	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	57,519	130,301	135,429	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
23-1012	Judicial Law Clerks	37,241	45,485	45,136	Yes	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	40,320	88,622	110,049	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	40,320	88,622	110,049	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	28,080	50,246	60,195	No	No	No	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	35,880	52,672	60,991	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	27,040	58,881	65,823	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	44,821	81,199	92,744	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	45,616	86,144	106,749	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	45,143	71,922	85,199	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	36,699	97,378	122,096	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1032	Engineering Teachers, Postsecondary	44,500	85,416	117,510	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	42,495	58,958	71,686	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	49,786	84,414	94,645	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	42,495	58,958	71,686	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	44,273	60,840	58,949	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	37,767	77,256	92,792	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	42,117	68,461	85,350	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	45,370	60,982	60,263	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	44,273	80,669	94,777	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	45,985	63,402	72,792	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	44,490	56,339	51,724	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	44,273	60,840	58,949	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	42,959	60,490	55,857	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	45,124	77,473	88,120	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	45,313	95,420	113,964	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	43,866	61,729	72,632	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	45,020	88,811	96,309	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	45,625	75,799	89,615	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1081	Education Teachers, Postsecondary	35,876	70,665	81,123	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	45,843	70,220	77,378	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	40,453	55,100	57,615	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	42,911	133,679	197,668	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1113	Social Work Teachers, Postsecondary	57,965	66,485	73,057	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	44,415	82,816	93,170	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	43,479	75,780	94,002	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	42,051	64,991	74,438	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	38,874	64,272	74,627	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	39,772	52,660	46,344	Yes	No	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	43,110	63,800	74,778	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	35,876	70,665	81,123	Yes	Yes	Yes	Master's degree	No	No	Yes

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	41,654	71,071	74,967	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	31,803	52,991	73,235	No	No	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	35,129	62,249	73,426	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,303	29,304	31,102	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	37,954	54,006	62,349	Yes	No	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	45,569	55,299	60,866	Yes	Yes	No	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	46,343	55,075	62,292	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	45,077	62,296	70,598	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	47,602	57,218	61,833	Yes	Yes	No	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	44,680	59,242	64,216	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	28,392	41,188	46,273	No	No	No	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	32,660	60,839	79,455	No	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	44,519	60,244	74,305	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	40,056	52,315	61,043	Yes	No	No	Bachelor's degree	No	No	No
25-2059	Special Education Teachers, All Other	28,248	37,296	33,669	No	No	No	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	38,060	46,821	46,197	Yes	No	No	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,602	40,727	56,632	No	No	No	Some college, no degree	No	No	Yes
25-3031	Substitute Teachers, Short-Term	22,773	42,003	37,689	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	23,254	36,737	45,522	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	36,197	57,197	61,193	Yes	Yes	No	Bachelor's degree	No	No	No
25-4011	Archivists	27,772	44,472	53,105	No	No	No	Master's degree	No	No	No
25-4012	Curators	29,796	53,474	66,873	No	No	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	28,273	44,623	53,199	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	47,224	52,076	61,747	Yes	No	No	Master's degree	No	No	No
25-4031	Library Technicians	35,373	40,143	49,922	Yes	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	27,848	44,803	55,091	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	43,458	54,039	61,638	Yes	No	No	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,037	31,129	38,732	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	21,941	30,964	36,524	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	22,873	38,495	45,954	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	43,184	78,013	89,842	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1012	Craft Artists	20,103	32,462	37,436	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	25,995	44,680	45,020	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	43,772	62,665	71,922	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,030	48,178	56,027	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	39,379	60,289	75,132	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	35,394	63,913	75,156	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	24,465	32,193	35,574	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	32,471	52,286	59,077	No	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	30,989	57,214	70,491	No	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	24,982	34,660	37,310	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	34,505	43,621	45,162	No	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	27,536	57,899	71,327	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	28,481	32,481	30,344	No	No	No	Some college, no degree	No	No	No
27-2012	Producers and Directors	36,403	71,385	84,809	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,009	61,256	60,916	No	Yes	No	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	25,392	86,272	50,151	No	Yes	No	Bachelor's degree	No	Yes	No
27-2023	Umpires, Referees, and Other Sports Officials	20,066	43,800	44,027	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	28,481	32,481	30,344	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	28,481	32,481	30,344	No	No	No	Some college, no degree	No	No	No
27-2041	Music Directors and Composers	36,857	67,611	80,193	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	28,481	32,481	30,344	No	No	No	Some college, no degree	No	No	No
27-2091	Disc Jockeys, Except Radio	20,992	57,398	56,840	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	20,992	57,398	56,840	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	24,729	48,114	49,290	No	No	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	32,046	54,920	66,405	No	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	34,923	66,813	76,058	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	31,972	67,094	78,085	No	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	47,516	72,102	81,057	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	33,740	58,784	62,223	No	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	22,368	52,439	56,909	No	No	No	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	31,782	45,589	56,326	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,800	37,004	45,881	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	32,158	50,404	56,779	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	27,674	45,920	52,532	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	25,569	64,074	95,345	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	28,359	46,599	57,351	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	24,254	35,695	43,259	No	No	No	Some college, no degree	No	No	No
27-4031	Camera Operators, Television, Video, and Film	22,125	29,334	33,641	No	No	No	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	45,340	45,753	45,340	Yes	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	26,401	63,629	87,544	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	45,032	92,687	114,291	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	77,067	176,156	207,592	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	49,672	214,944	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	66,580	161,631	201,318	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	49,672	214,944	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	49,071	192,930	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	51,084	66,130	71,294	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	35,048	123,403	163,255	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1051	Pharmacists	49,204	111,723	128,438	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1071	Physician Assistants	50,883	115,204	122,307	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	29,285	123,637	175,986	No	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	50,640	78,920	93,935	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	63,573	86,820	95,398	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1124	Radiation Therapists	77,372	88,314	93,200	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	27,040	58,096	75,026	No	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	60,384	64,401	73,057	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	49,955	79,093	96,179	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	37,465	50,164	53,644	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	31,030	62,414	87,707	No	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	69,534	109,429	131,569	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
29-1141	Registered Nurses	62,152	80,936	98,747	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
29-1151	Nurse Anesthetists	155,085	202,764	215,160	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	59,686	92,376	106,115	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	80,636	110,972	121,191	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	66,102	90,693	96,423	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	98,342	283,661	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	170,624	405,483	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	58,883	245,828	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	135,052	309,880	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	107,548	184,552	206,921	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1216	General Internal Medicine Physicians	107,113	224,293	231,840	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1217	Neurologists	88,272	259,804	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	58,883	245,828	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	115,061	184,808	225,270	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	94,002	240,806	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	53,123	220,702	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	212,711	344,056	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1229	Physicians, All Other	131,906	259,974	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	96,461	207,635	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	61,464	302,999	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	61,464	302,999	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1249	Surgeons, All Other	61,464	302,999	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	27,422	47,810	51,620	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	65,036	78,180	83,258	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	58,365	80,106	90,792	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	31,207	56,541	75,326	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2031	Cardiovascular Technologists and Technicians	36,382	72,600	76,015	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	59,550	68,350	74,341	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	62,915	74,435	80,522	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	49,213	63,157	74,493	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	62,960	72,614	76,681	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	95,525	120,848	134,341	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	23,442	40,658	44,967	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	30,467	48,527	55,777	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	21,221	33,773	44,145	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,547	40,193	46,255	No	No	No	Postsecondary nondegree award	Yes	No	No
29-2053	Psychiatric Technicians	30,705	36,059	37,735	No	No	No	Postsecondary nondegree award	Yes	No	No
29-2055	Surgical Technologists	38,893	53,459	60,778	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	28,631	37,009	45,409	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	29,939	33,759	37,738	No	No	No	Postsecondary nondegree award	Yes	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	39,080	51,351	55,946	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	32,179	52,356	60,847	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2081	Opticians, Dispensing	29,753	47,370	58,405	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	58,365	76,350	81,994	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2092	Hearing Aid Specialists	29,503	50,174	63,355	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	32,400	47,357	62,754	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9021	Health Information Technologists and Medical Registrars	33,042	52,997	78,072	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	38,188	53,584	51,720	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	48,642	83,941	97,378	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	32,491	58,183	67,922	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	27,393	48,263	42,379	No	No	No	Postsecondary nondegree award	No	Yes	No
31-1120	Home Health and Personal Care Aides	22,153	26,729	28,600	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	28,959	34,457	36,284	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	23,706	29,030	31,072	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	25,380	30,770	32,746	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	55,841	63,101	71,717	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	28,311	52,973	64,603	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	26,954	61,213	72,174	No	Yes	Yes	Associate's degree	No	Yes	Yes
31-2022	Physical Therapist Aides	22,345	32,775	35,805	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	33,930	52,131	58,201	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
31-9091	Dental Assistants	37,008	44,644	51,349	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
31-9092	Medical Assistants	27,089	34,964	37,647	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	38,388	44,296	43,938	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
31-9094	Medical Transcriptionists	29,249	40,687	50,569	No	No	No	Postsecondary nondegree award	No	No	Yes

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	23,107	29,695	34,740	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	20,800	31,393	34,807	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	29,727	36,303	36,543	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9099	Healthcare Support Workers, All Other	29,355	41,540	48,298	No	No	No	High school diploma or equivalent	Yes	No	No
33-1011	First-Line Supervisors of Correctional Officers	39,810	51,223	50,117	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	64,338	82,439	94,337	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	49,665	71,925	93,736	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	29,744	48,409	51,523	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	49,981	64,699	74,831	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	27,533	41,467	46,007	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	31,688	61,601	71,415	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	52,632	86,551	97,709	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	27,593	52,358	61,663	No	No	No	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	38,750	42,811	45,009	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	42,765	69,933	64,418	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	25,569	27,725	27,886	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	30,023	38,514	40,084	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	43,119	56,412	63,695	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
33-3052	Transit and Railroad Police	56,471	70,164	57,587	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	26,760	37,777	41,796	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	28,642	48,222	56,733	No	No	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	26,827	33,692	36,519	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	24,712	32,181	36,359	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	27,819	40,036	52,624	No	No	No	No formal educational credential	Yes	Yes	Yes
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	19,697	28,264	31,545	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	33,951	41,612	45,802	No	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	21,588	25,777	26,921	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	21,197	37,018	45,873	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	34,252	54,886	64,037	No	Yes	Yes	Associate's degree	No	No	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	26,965	38,045	44,852	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,968	25,888	28,027	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	23,555	32,774	36,800	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	30,590	55,658	68,584	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	26,287	31,315	34,987	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	24,337	28,986	31,520	No	No	No	No formal educational credential	Yes	No	No
35-2019	Cooks, All Other	25,692	31,706	33,550	No	No	No	No formal educational credential	Yes	Yes	No
35-2021	Food Preparation Workers	23,192	29,886	33,830	No	No	No	No formal educational credential	No	No	Yes
35-3011	Bartenders	20,800	33,231	36,241	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,104	25,411	27,270	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,800	31,932	35,863	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	21,144	26,732	29,437	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,952	27,469	31,032	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,599	25,976	28,158	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,868	27,543	29,055	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	20,983	26,704	27,318	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,807	45,111	51,458	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	34,080	51,550	61,095	No	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,816	29,332	30,409	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	22,543	29,013	34,666	No	No	No	No formal educational credential	No	No	Yes
37-2019	Building Cleaning Workers, All Other	23,110	28,765	31,394	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	30,694	40,586	44,415	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	26,754	32,741	35,889	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	22,713	37,294	43,920	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	29,387	38,783	45,586	No	No	No	High school diploma or equivalent	Yes	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	31,205	54,589	66,996	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	28,015	45,165	58,345	No	No	No	Some college, no degree	No	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	20,800	44,075	54,704	No	No	No	Some college, no degree	No	Yes	Yes
39-2011	Animal Trainers	22,145	28,287	29,401	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	22,705	28,567	29,717	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,302	33,285	44,954	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,264	27,044	29,096	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	19,668	30,628	35,611	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists										
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20,274	24,917	26,827	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,991	25,363	28,014	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	24,453	39,280	45,710	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,427	28,642	31,318	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,023	27,413	27,460	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	30,893	44,150	49,464	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,769	33,953	35,154	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	22,106	31,180	35,728	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	34,973	57,327	72,870	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
39-5011	Barbers	20,652	31,942	35,261	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,442	31,916	35,792	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	21,257	31,725	33,304	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,668	23,205	25,039	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	28,911	43,290	43,680	No	No	No	Postsecondary nondegree award	No	Yes	No
39-6011	Baggage Porters and Bellhops	20,444	28,056	32,576	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	23,375	33,767	36,160	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	24,782	33,082	37,467	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	22,012	26,854	28,989	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	39,673	46,332	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	20,800	31,668	35,358	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	25,956	36,895	43,419	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	29,463	27,245	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,015	47,003	53,131	No	No	No	Some college, no degree	No	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	41,949	85,137	94,802	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,515	25,936	27,989	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,075	31,470	32,604	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	23,062	33,169	36,253	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	22,156	35,292	40,194	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	21,827	31,108	33,514	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	30,729	56,268	59,956	No	Yes	No	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	22,473	66,723	82,835	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	38,370	68,064	74,758	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	36,787	42,069	46,269	Yes	No	No	Some college, no degree	Yes	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	32,135	64,357	73,386	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	44,399	97,618	113,415	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	29,052	66,070	78,620	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,800	27,253	29,620	No	No	No	No formal educational credential	No	No	No
41-9012	Models	20,784	30,902	33,228	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	27,025	53,502	59,989	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9022	Real Estate Sales Agents	23,982	47,551	56,545	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	38,555	125,382	185,475	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	21,102	23,521	21,102	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,387	33,550	47,204	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	23,105	44,096	41,336	No	No	No	Some college, no degree	No	Yes	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	37,267	59,622	70,419	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	24,965	32,443	33,535	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	24,642	29,607	32,415	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	21,966	46,514	54,552	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	29,563	37,179	44,135	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	30,875	39,675	43,872	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	30,003	46,531	50,638	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	20,983	30,306	36,056	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	31,272	43,930	49,483	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	34,617	43,858	50,450	Yes	No	No	Associate's degree	No	No	No
43-3071	Tellers	30,811	36,577	37,453	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	30,860	54,551	64,877	No	No	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	44,496	55,457	62,418	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	31,621	35,318	38,391	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	30,947	38,749	42,719	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	27,299	41,304	48,140	No	No	No	Some college, no degree	No	No	No
43-4051	Customer Service Representatives	26,743	37,363	39,882	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	34,980	41,188	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	29,453	43,016	50,055	No	No	No	High school diploma or equivalent	Yes	No	Yes
43-4081	Hotel, Motel, and Resort Desk Clerks	22,887	27,995	28,840	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	21,227	34,995	39,261	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	20,800	25,228	27,480	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	30,818	42,552	47,566	No	No	No	High school diploma or equivalent	Yes	No	No
43-4141	New Accounts Clerks	33,778	37,354	37,606	No	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	25,473	39,353	49,199	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	34,782	42,254	47,014	Yes	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	22,880	30,253	33,964	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	27,678	39,942	45,843	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	36,072	42,261	47,050	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	33,320	46,138	48,131	No	No	No	High school diploma or equivalent	Yes	Yes	No
43-5021	Couriers and Messengers	28,581	33,774	35,899	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	38,336	44,367	49,470	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5032	Dispatchers, Except Police, Fire, and Ambulance	29,344	42,187	46,845	No	No	No	High school diploma or equivalent	Yes	No	No
43-5041	Meter Readers, Utilities	35,548	44,951	45,060	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5051	Postal Service Clerks	39,770	54,837	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	54,030	69,742	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	36,026	52,906	68,307	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	34,757	45,599	49,244	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	26,975	37,233	43,803	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30,780	40,917	46,013	No	No	No	High school diploma or equivalent	Yes	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	38,529	57,293	63,609	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	31,200	52,159	74,296	No	No	Yes	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	29,404	39,278	45,506	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,239	37,461	43,445	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,296	34,694	38,542	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	21,580	28,039	27,350	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,311	47,318	57,180	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	26,040	44,398	49,946	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	22,826	34,879	39,296	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,383	38,205	44,869	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	20,800	26,458	30,037	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	26,666	32,964	34,524	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	33,531	43,479	48,197	No	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	28,692	39,394	45,537	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	28,803	52,301	65,341	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	31,200	36,786	39,039	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	25,578	35,224	37,257	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	21,106	24,879	25,881	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,131	32,291	33,106	No	No	No	No formal educational credential	Yes	Yes	No
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	21,522	26,638	27,753	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	25,314	34,004	40,699	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,311	33,739	39,640	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	25,314	34,004	40,699	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	30,949	39,961	47,148	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	37,020	43,980	49,739	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-4022	Logging Equipment Operators	27,016	38,845	45,928	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,106	24,879	25,881	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	39,346	42,637	44,141	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	39,839	61,771	73,665	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	19,668	44,301	53,899	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	27,204	43,713	47,875	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	27,564	43,951	54,571	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2031	Carpenters	31,949	44,748	49,760	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2041	Carpet Installers	19,668	32,141	35,233	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	30,680	37,607	39,539	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	22,969	37,209	46,344	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	34,630	43,741	48,469	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	29,583	42,119	47,393	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	33,219	49,114	54,637	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	24,814	36,809	39,944	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	29,011	38,212	42,372	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	26,093	38,869	48,938	No	No	No	High school diploma or equivalent	No	No	No
47-2073	Operating Engineers and Other Construction Equipment Operators	30,185	42,091	47,482	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	20,800	36,039	45,753	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,044	39,687	44,547	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	35,546	47,614	51,341	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	27,044	39,687	44,547	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	27,687	41,124	45,691	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	34,429	46,363	48,254	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	29,461	39,385	44,674	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,037	34,968	42,108	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	31,072	40,122	43,876	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	35,954	48,204	50,243	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	27,798	40,458	46,348	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	33,332	44,377	52,093	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	26,993	39,708	47,316	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	34,519	42,962	48,970	No	No	No	High school diploma or equivalent	Yes	No	No
47-2221	Structural Iron and Steel Workers	27,998	46,920	62,291	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
47-2231	Solar Photovoltaic Installers	33,597	41,105	44,264	No	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	26,988	33,297	37,973	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3012	Helpers—Carpenters	25,418	32,699	36,094	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	25,281	33,560	35,902	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	25,210	29,739	31,139	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	29,639	34,058	35,853	No	No	No	High school diploma or equivalent	Yes	No	No
47-3016	Helpers—Roofers	28,255	34,278	36,434	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	26,439	34,987	38,647	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	43,955	57,061	63,647	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	45,651	76,074	100,478	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	27,526	37,919	43,999	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	28,841	38,202	43,762	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	28,454	35,179	38,448	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	42,618	51,857	58,873	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	24,928	41,487	50,716	No	No	No	High school diploma or equivalent	No	No	Yes
47-4090	Miscellaneous Construction and Related Workers	28,480	40,890	44,225	No	No	No	High school diploma or equivalent	No	No	No
47-5011	Derrick Operators, Oil and Gas	35,770	52,770	62,770	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	38,713	51,053	53,351	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	35,299	51,346	59,043	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	25,136	42,079	41,479	No	No	No	High school diploma or equivalent	No	No	No
47-5023	Earth Drillers, Except Oil and Gas	32,954	46,722	48,566	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	50,268	67,015	77,237	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	25,966	38,060	42,108	No	No	No	No formal educational credential	Yes	Yes	Yes



Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	33,900	38,382	42,561	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	33,900	38,382	42,561	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	34,893	63,298	84,433	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	32,349	46,779	57,814	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers-Extraction Workers	27,791	33,209	36,434	No	No	No	High school diploma or equivalent	No	No	No
47-5099	Extraction Workers, All Other	26,288	42,391	41,436	No	No	No	High school diploma or equivalent	No	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	42,530	64,761	77,158	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	32,208	39,584	43,000	No	No	No	Postsecondary nondegree award	Yes	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,103	55,526	68,026	Yes	Yes	Yes	Associate's degree	No	No	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	28,182	49,130	59,759	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-2091	Avionics Technicians	36,283	64,755	74,211	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	29,115	43,148	48,235	No	No	No	High school diploma or equivalent	No	No	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	37,900	53,199	60,159	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	37,086	54,510	65,807	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	50,766	67,059	73,704	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	31,403	41,947	45,937	No	No	No	Postsecondary nondegree award	Yes	No	No
49-2097	Audiovisual Equipment Installers and Repairers	36,131	44,557	47,810	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2098	Security and Fire Alarm Systems Installers	36,009	50,266	57,768	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3011	Aircraft Mechanics and Service Technicians	48,865	75,979	97,895	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-3021	Automotive Body and Related Repairers	34,848	55,493	58,963	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3022	Automotive Glass Installers and Repairers	23,992	43,517	47,573	No	No	No	High school diploma or equivalent	No	Yes	No
49-3023	Automotive Service Technicians and Mechanics	28,250	46,106	59,001	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	34,752	52,255	61,081	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	29,247	45,020	46,826	No	No	No	High school diploma or equivalent	Yes	Yes	No
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	36,875	49,667	60,076	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	35,413	50,845	56,537	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	31,451	48,821	57,436	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3052	Motorcycle Mechanics	25,292	45,287	61,912	No	No	No	High school diploma or equivalent	No	Yes	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	29,568	39,855	48,229	No	No	No	High school diploma or equivalent	Yes	No	No
49-3091	Bicycle Repairers	22,184	34,581	41,304	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	28,916	45,975	57,975	No	No	No	High school diploma or equivalent	No	Yes	Yes
49-3093	Tire Repairers and Changers	23,264	31,789	35,893	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	30,756	43,120	48,830	No	No	No	High school diploma or equivalent	Yes	No	No
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	36,609	56,353	73,509	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	29,256	46,066	55,016	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-9031	Home Appliance Repairers	26,203	40,453	46,958	No	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	31,531	53,732	63,336	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9043	Maintenance Workers, Machinery	35,556	42,479	45,614	Yes	No	No	High school diploma or equivalent	Yes	No	No
49-9044	Millwrights	38,609	52,906	62,457	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons										
49-9051	Electrical Power-Line Installers and Repairers	44,138	66,766	83,102	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	33,228	48,018	56,613	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	38,060	50,580	56,424	Yes	No	No	Associate's degree	No	No	No
49-9062	Medical Equipment Repairers	31,272	55,825	62,933	No	Yes	Yes	Associate's degree	No	Yes	No
49-9063	Musical Instrument Repairers and Tuners	26,978	39,715	48,727	No	No	No	High school diploma or equivalent	No	No	No
49-9064	Watch and Clock Repairers	23,423	27,867	27,186	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	38,363	54,571	62,447	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	29,004	42,313	48,333	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians										
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	25,909	38,155	45,843	No	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	37,398	50,372	53,956	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9094	Locksmiths and Safe Repairers	30,025	42,966	49,213	No	No	No	High school diploma or equivalent	Yes	No	No
49-9095	Manufactured Building and Mobile Home Installers	20,671	29,228	36,982	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	32,079	53,114	57,788	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	44,699	59,894	67,629	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers-Installation, Maintenance, and Repair Workers	24,928	32,712	36,608	No	No	No	High school diploma or equivalent	No	No	No
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,495	37,459	37,627	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	38,047	62,449	74,999	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	31,271	44,509	52,812	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-2021	Coil Winders, Tapers, and Finishers	31,432	43,044	45,862	No	No	No	High school diploma or equivalent	Yes	No	No
	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	28,667	35,533	36,837	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	31,838	41,105	45,635	No	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	28,888	41,200	46,590	No	No	No	High school diploma or equivalent	No	No	No
51-2051	Fiberglass Laminators and Fabricators	22,601	36,874	40,012	No	No	No	High school diploma or equivalent	No	No	No
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	24,475	34,167	37,589	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	22,633	31,017	36,485	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	28,739	39,243	43,764	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	24,121	32,242	38,328	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughterers and Meat Packers	25,172	26,467	27,470	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	23,536	35,034	34,401	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3092	Food Batchmakers	24,121	34,511	38,100	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	23,744	30,278	33,531	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	25,988	34,444	37,440	No	No	No	No formal educational credential	Yes	Yes	Yes
	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	29,522	38,287	42,448	No	No	No	High school diploma or equivalent	Yes	No	No

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	28,699	37,909	43,299	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	29,011	39,649	42,826	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	26,931	36,415	41,701	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,519	53,218	79,062	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	24,567	32,264	34,373	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,420	36,822	45,238	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	29,824	39,876	43,668	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	26,319	46,381	54,103	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	37,030	47,214	48,093	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal										
51-4061	Model Makers, Metal and Plastic	31,262	49,237	57,303	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic										
51-4071	Foundry Mold and Coremakers	22,014	38,023	51,989	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	26,023	34,978	37,607	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,503	35,999	36,415	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	37,011	55,119	62,192	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	29,774	42,653	48,157	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	28,132	35,640	38,760	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23,602	38,562	44,821	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic										
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	28,453	38,070	42,429	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,042	34,845	36,784	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	27,678	36,945	43,337	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	30,666	39,482	45,109	No	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	28,035	36,807	39,958	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	22,785	36,393	41,287	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	21,750	26,712	29,328	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	22,543	27,082	27,895	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	22,223	28,302	31,088	No	No	No	No formal educational credential	No	No	No
51-6041	Shoe and Leather Workers and Repairers	22,278	31,186	35,205	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	20,850	28,179	28,727	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	23,659	29,722	34,158	No	No	No	No formal educational credential	Yes	No	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders										
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	26,240	31,375	34,429	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,099	30,013	32,680	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,004	31,763	36,103	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	31,952	55,667	79,175	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	25,541	47,781	73,832	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	26,534	35,952	40,557	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	22,601	32,613	36,640	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	29,557	43,173	51,481	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-7021	Furniture Finishers	35,074	39,559	43,240	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	26,047	35,263	41,824	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	25,412	32,947	38,042	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,042	30,836	31,167	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	45,909	72,433	91,704	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	50,750	83,931	98,078	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	45,909	72,433	91,704	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	45,616	59,573	64,414	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	37,947	52,677	62,163	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	39,564	58,608	63,450	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
51-8092	Gas Plant Operators	37,440	48,465	58,236	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	45,843	59,497	74,967	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	46,721	58,732	61,069	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	28,226	44,131	53,521	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	30,151	47,087	52,127	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,656	39,261	44,453	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	26,931	33,635	36,576	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	29,767	40,155	46,304	No	No	No	High school diploma or equivalent	Yes	No	No
51-9031	Cutters and Trimmers, Hand	20,756	33,720	37,881	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	27,073	36,689	42,004	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	26,212	36,141	42,722	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29,002	37,143	41,692	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	26,958	43,216	49,335	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	28,968	47,135	55,124	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	29,002	47,138	54,003	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 9

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	26,846	38,117	47,176	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	26,902	32,519	34,117	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	22,736	32,800	38,770	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,848	33,966	40,160	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	28,823	42,954	48,814	No	No	No	High school diploma or equivalent	No	No	No
51-9141	Semiconductor Processing Technicians	36,008	45,313	48,055	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	22,136	33,474	36,046	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	36,855	52,478	59,207	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9162	Computer Numerically Controlled Tool Programmers	34,779	56,831	66,305	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	22,004	31,763	36,103	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	24,642	34,098	44,699	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,108	43,271	46,089	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	27,640	32,964	36,330	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	23,813	33,367	37,349	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	29,743	43,494	49,285	No	No	No	High school diploma or equivalent	Yes	Yes	No
51-9197	Tire Builders										
51-9198	Helpers--Production Workers	21,503	30,921	34,581	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	27,454	37,258	40,027	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	35,800	53,984	58,892	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	37,440	57,849	68,436	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	103,004	255,993	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	40,256	99,674	144,788	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	75,610	119,486	148,696	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	75,610	119,486	148,696	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	33,295	65,511	74,806	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	24,349	28,992	30,779	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	32,662	40,900	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	22,295	43,826	49,210	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-3033	Light Truck Drivers	24,155	41,813	45,037	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	24,846	33,666	39,568	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	33,476	36,071	35,959	No	No	No	High school diploma or equivalent	Yes	No	No
53-3053	Shuttle Drivers and Chauffeurs	22,557	33,153	39,515	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,735	29,966	30,202	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	25,865	34,185	42,617	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	53,512	65,001	70,220	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	30,448	51,043	49,171	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	37,001	55,951	58,523	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	59,923	67,639	70,268	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	27,630	39,488	49,597	No	No	No	High school diploma or equivalent	No	No	Yes
53-4099	Rail Transportation Workers, All Other	39,015	39,668	39,025	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	27,536	43,063	47,507	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	35,356	81,549	119,694	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	26,940	42,959	50,344	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5031	Ship Engineers	68,622	92,943	103,439	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,770	30,297	34,401	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	22,877	28,655	31,244	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	22,879	29,899	30,027	No	No	No	No formal educational credential	No	No	No
53-6032	Aircraft Service Attendants	30,136	33,655	34,858	No	No	No	High school diploma or equivalent	Yes	No	No
53-6041	Traffic Technicians	28,973	44,963	51,564	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	38,013	80,858	102,011	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,122	30,817	36,018	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,668	29,068	30,798	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	27,933	32,746	33,862	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	34,656	59,866	72,792	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	33,767	44,755	46,609	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	30,505	47,800	48,982	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	35,974	44,242	47,716	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	23,409	31,035	33,728	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	22,553	32,666	36,538	No	No	No	No formal educational credential	No	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,460	35,536	38,401	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	22,318	24,848	24,332	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,826	32,569	34,969	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,030	34,628	32,169	No	No	No	High school diploma or equivalent	No	No	No
53-7072	Pump Operators, Except Wellhead Pumps	31,035	43,649	49,001	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-7073	Wellhead Pumps										
53-7081	Refuse and Recyclable Material Collectors	23,606	37,475	47,176	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	41,001	57,143	58,022	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	27,458	31,354	35,112	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 9

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	34,559	54,725	61,968	813
No formal educational credential	23,199	30,723	33,670	81
High school diploma or equivalent	29,179	43,301	49,338	228
Some college, no degree	28,937	42,665	48,824	49
Postsecondary nondegree award	29,440	42,373	48,153	88
Associate's degree	39,064	55,739	63,965	67
Bachelor's degree	46,526	81,833	94,933	184
Master's degree	49,890	73,863	80,650	43
Doctoral or professional degree	56,942	110,695	119,196	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	479	334	456	357	464	349
No formal educational credential	43.21%	56.79%	35.80%	64.20%	35.80%	64.20%
High school diploma or equivalent	65.79%	34.21%	75.44%	24.56%	79.39%	20.61%
Some college, no degree	42.86%	57.14%	32.65%	67.35%	34.69%	65.31%
Postsecondary nondegree award	32.95%	67.05%	26.14%	73.86%	28.41%	71.59%
Associate's degree	70.15%	29.85%	43.28%	56.72%	49.25%	50.75%
Bachelor's degree	66.30%	33.70%	66.85%	33.15%	64.13%	35.87%
Master's degree	67.44%	32.56%	51.16%	48.84%	46.51%	53.49%
Doctoral or professional degree	63.01%	36.99%	57.53%	42.47%	56.16%	43.84%

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	43,379	186,199	214,891	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1021	General and Operations Managers	39,000	97,418	125,217	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	25,761	88,490	120,578	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-2011	Advertising and Promotions Managers	49,205	106,210	128,209	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	59,837	115,459	151,861	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	49,164	126,581	162,821	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	50,424	103,072	122,381	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	60,311	114,574	139,501	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	46,791	90,695	104,790	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	43,723	78,082	97,729	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	79,735	136,815	159,639	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	61,397	130,353	156,340	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	45,730	105,655	133,069	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	55,978	101,737	122,479	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	45,549	92,179	102,436	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	67,731	112,916	141,418	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	63,457	108,034	128,107	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	44,968	89,632	94,352	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	22,389	82,274	114,945	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	55,941	107,484	125,835	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	30,475	46,976	48,828	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	56,698	91,159	101,202	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	56,319	93,899	96,474	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	59,230	55,678	59,010	No	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	99,202	147,963	159,521	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	35,023	64,243	75,373	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	57,153	109,711	110,869	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	35,963	69,483	80,691	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	38,330	66,233	74,962	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	53,664	112,250	120,079	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	52,152	77,840	99,840	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	74,901	86,259	96,533	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	27,040	96,845	156,021	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9151	Social and Community Service Managers	39,016	68,416	82,700	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	45,444	86,691	104,108	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	39,492	72,230	77,580	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	44,416	72,594	87,387	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	27,799	88,068	103,867	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	27,780	89,110	145,179	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	34,512	59,541	74,639	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	38,197	64,141	78,161	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	45,815	63,720	72,844	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	32,485	55,600	68,271	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	32,167	59,792	72,072	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	32,999	56,739	66,489	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	22,389	82,274	114,945	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	37,969	72,261	92,500	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1081	Logisticians	39,645	69,493	88,154	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	41,206	79,483	96,365	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1111	Management Analysts	37,440	82,160	102,884	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	31,164	49,303	61,072	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	28,998	48,224	59,164	No	No	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	34,786	57,513	62,795	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	28,658	52,675	66,001	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	29,381	59,203	68,734	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	29,807	60,086	74,598	No	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	38,790	73,356	83,508	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	35,981	58,406	61,560	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	43,867	76,537	95,387	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2041	Credit Analysts	49,646	67,603	86,554	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	44,139	83,879	97,467	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	35,024	94,787	106,282	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	66,053	93,987	104,017	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2054	Financial Risk Specialists	50,391	101,865	118,437	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	45,874	71,639	81,569	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2071	Credit Counselors	31,587	45,537	45,833	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	34,440	66,613	78,457	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	30,347	40,709	48,439	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	22,899	49,620	65,623	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	31,787	58,416	67,575	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	47,611	87,771	102,670	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	48,369	89,118	104,333	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	73,344	122,197	164,316	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	42,889	67,199	77,189	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	32,869	52,274	59,299	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	35,360	105,179	164,633	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1242	Database Administrators	44,756	86,759	94,285	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	68,546	122,614	146,661	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	43,742	76,095	87,678	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1251	Computer Programmers	50,977	90,182	106,018	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	64,974	111,929	130,999	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	38,094	87,051	121,798	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1254	Web Developers	36,389	64,394	75,998	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	41,332	142,633	173,388	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	35,236	71,885	91,840	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-2011	Actuaries	65,758	116,102	125,152	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	37,052	88,045	121,077	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	34,029	67,352	81,377	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	37,719	77,642	94,047	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	47,514	79,483	89,434	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	45,029	94,673	99,440	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	35,422	62,025	71,232	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	40,989	63,757	74,984	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	35,812	63,005	74,151	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	71,640	107,321	124,902	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	55,087	91,518	114,639	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	62,414	101,087	124,347	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	62,553	111,521	122,766	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	61,979	110,841	128,858	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	63,508	104,420	126,106	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	74,925	103,104	124,724	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	32,995	78,837	98,308	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	46,380	78,967	96,752	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	46,663	83,245	98,063	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	47,732	72,261	84,979	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	52,651	86,044	105,413	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	61,319	92,398	109,572	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	43,017	89,601	100,781	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2161	Nuclear Engineers	75,123	108,275	117,353	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	62,247	121,614	145,902	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	52,000	83,881	100,809	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	30,311	46,366	55,108	No	No	Yes	Associate's degree	No	No	No
17-3012	Electrical and Electronics Drafters	42,851	54,272	63,804	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	35,830	52,367	59,670	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	34,726	46,968	57,174	Yes	No	Yes	Associate's degree	No	No	Yes
17-3021	Aerospace Engineering and Operations Technologists and Technicians	33,662	72,381	98,966	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	36,954	45,585	51,611	Yes	No	No	Associate's degree	Yes	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	36,163	55,502	61,438	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	42,582	65,934	74,475	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	29,077	42,804	48,381	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	36,440	48,133	56,131	Yes	No	Yes	Associate's degree	Yes	No	No
17-3027	Mechanical Engineering Technologists and Technicians	27,521	54,599	66,492	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	36,218	58,829	74,678	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	34,861	52,353	60,754	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	28,977	40,788	46,444	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	34,570	75,623	112,749	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	36,756	72,983	100,541	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	36,913	76,929	95,946	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	37,145	81,348	102,523	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	33,727	55,467	67,944	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	34,299	43,065	46,468	Yes	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	38,534	57,681	67,453	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	28,995	43,994	51,383	No	No	No	Bachelor's degree	No	No	No
19-1032	Foresters	34,625	55,958	65,897	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	53,614	80,690	94,955	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	39,423	68,757	73,070	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1099	Life Scientists, All Other	52,253	80,245	85,757	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	72,159	147,597	207,047	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	72,159	147,597	207,047	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	57,986	77,763	83,775	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2031	Chemists	36,783	68,815	83,395	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	63,794	107,590	125,866	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	33,280	51,236	54,413	Yes	Yes	No	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	44,685	85,396	102,884	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	40,146	63,183	75,355	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	41,924	100,040	123,948	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	56,115	89,119	108,646	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	49,001	93,353	118,390	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	68,945	118,650	143,577	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	20,800	87,114	103,090	No	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	47,927	70,459	95,145	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	45,620	93,158	111,749	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	27,187	54,374	47,102	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	38,523	63,898	82,774	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	37,108	58,422	69,111	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	33,347	66,610	90,666	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists										
19-3099	Social Scientists and Related Workers, All Other	52,364	79,662	95,131	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-4012	Agricultural Technicians	27,835	37,024	42,980	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	30,179	48,890	67,351	No	Yes	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	30,210	42,015	52,187	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	29,706	47,547	57,588	No	No	Yes	Associate's degree	No	No	Yes
19-4042	Environmental Science and Protection Technicians, Including Health	23,680	31,911	31,200	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	29,327	37,710	41,202	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	33,449	52,280	62,525	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4051	Nuclear Technicians	36,218	58,829	74,678	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	28,502	45,685	52,466	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	34,133	41,510	42,931	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	32,473	48,746	53,764	Yes	Yes	No	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	46,064	58,157	No	No	Yes	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	34,066	61,157	75,264	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	37,367	57,746	64,378	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	30,645	54,900	64,847	No	Yes	Yes	Master's degree	Yes	No	No
21-1013	Marriage and Family Therapists	32,677	40,822	46,365	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	22,649	47,461	51,927	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	32,058	52,580	59,953	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	27,539	34,957	37,975	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	27,887	44,282	48,229	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	33,999	61,591	76,702	Yes	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	27,297	44,993	53,263	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	37,086	47,408	51,043	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	28,205	49,986	62,647	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	30,264	40,762	45,864	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	24,604	35,155	39,928	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	30,267	39,264	37,386	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	20,800	39,215	46,224	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	24,494	46,772	59,545	No	No	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	22,679	43,531	50,890	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	27,141	44,870	56,532	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	52,000	102,517	128,977	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	34,616	52,475	58,839	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	39,497	86,813	107,803	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	39,497	86,813	107,803	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	28,496	45,607	49,866	No	No	No	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	32,713	52,134	63,424	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	27,040	54,628	49,494	No	Yes	No	Associate's degree	No	Yes	No
25-1011	Business Teachers, Postsecondary	44,956	92,434	129,505	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	44,685	84,386	104,570	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	44,222	70,454	83,460	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	35,950	95,390	119,604	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	43,592	83,673	115,111	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	41,628	57,755	70,223	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	48,770	82,691	92,713	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	41,628	57,755	70,223	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	43,369	59,598	57,746	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	36,996	75,679	90,898	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	41,257	67,064	83,608	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	44,444	59,737	59,033	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	43,369	79,023	92,843	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	45,046	62,108	71,307	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	43,582	55,189	50,669	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	43,369	59,598	57,746	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	42,082	59,255	54,717	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	44,203	75,892	86,322	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	44,388	93,473	111,638	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	42,971	60,469	71,149	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	43,433	68,726	73,303	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-1072	Nursing Instructors and Teachers, Postsecondary	44,694	74,252	87,785	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	46,804	85,903	135,503	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	44,907	68,787	75,799	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	39,627	53,976	56,439	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	42,035	130,951	193,634	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	56,782	65,128	71,566	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	43,508	81,125	91,268	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	42,591	74,234	92,083	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	41,193	63,665	72,918	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	38,080	62,961	73,104	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	38,960	51,586	45,398	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	42,230	62,497	73,252	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	35,144	69,222	79,467	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	40,804	69,621	73,437	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	33,955	46,831	59,214	Yes	No	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	34,412	60,978	71,927	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,183	30,982	33,201	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	43,720	57,522	62,573	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	43,341	58,480	62,271	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	47,327	58,057	62,310	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	44,157	61,025	69,158	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	47,581	59,792	64,476	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	43,768	58,033	62,905	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	35,060	55,828	71,195	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	40,729	53,522	60,265	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	43,610	59,015	72,789	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	47,008	59,216	64,775	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	26,900	55,004	74,604	No	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	38,007	65,251	75,722	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	21,840	34,497	43,645	No	No	No	Some college, no degree	Yes	No	Yes
25-3031	Substitute Teachers, Short-Term	22,925	31,402	34,298	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	23,110	41,036	42,782	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	74,959	75,877	74,959	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-4011	Archivists	27,205	43,564	52,021	No	No	No	Master's degree	No	No	No
25-4012	Curators	29,188	52,382	65,508	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	27,696	43,712	52,114	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	33,246	48,854	49,915	Yes	Yes	No	Master's degree	No	No	No
25-4031	Library Technicians	26,570	30,870	32,626	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	27,280	43,888	53,966	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	37,278	65,459	74,840	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	19,628	30,494	37,941	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	21,733	28,366	28,701	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	22,528	44,861	58,681	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	46,009	82,228	92,695	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	19,693	31,800	36,672	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	25,464	43,768	44,101	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	42,878	61,386	70,454	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	24,519	47,195	54,883	No	No	Yes	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	38,478	71,984	90,513	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
27-1022	Fashion Designers	34,671	62,609	73,622	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	23,676	31,618	34,394	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	31,200	48,133	52,074	Yes	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	29,990	56,943	63,261	No	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	23,400	32,942	35,360	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	33,801	42,730	44,240	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	26,974	56,717	69,871	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	27,900	31,818	29,725	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	28,628	61,762	75,658	No	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	23,519	60,006	59,672	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	23,992	53,150	59,070	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	19,656	42,906	43,129	No	No	No	Some college, no degree	No	Yes	Yes
27-2031	Dancers	27,900	31,818	29,725	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	27,900	31,818	29,725	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	23,374	57,997	68,987	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	27,900	31,818	29,725	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	20,564	56,226	55,680	No	Yes	Yes	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	20,564	56,226	55,680	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,170	42,241	50,930	No	No	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	33,578	67,101	80,060	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	31,155	54,440	63,550	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	29,690	56,888	68,666	No	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	47,812	70,677	76,632	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	32,192	48,355	57,200	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	33,796	49,684	57,450	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	26,205	48,835	59,181	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	19,591	43,749	54,142	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	23,815	46,352	56,013	No	Yes	Yes	Associate's degree	No	No	No
27-4012	Broadcast Technicians	25,251	59,394	78,476	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	25,047	62,766	93,399	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	27,780	45,648	56,180	No	No	Yes	Associate's degree	No	No	No
27-4021	Photographers	26,235	39,723	49,549	No	No	No	Some college, no degree	Yes	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	28,160	54,698	60,413	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	30,716	51,252	60,210	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	25,862	62,331	85,757	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	47,508	90,152	103,048	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	71,322	174,225	197,209	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	48,659	210,557	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	65,221	158,332	197,209	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	48,659	210,557	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	48,659	210,557	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*



Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	38,845	60,189	70,021	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	64,203	122,399	161,396	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	62,990	114,632	131,694	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	75,109	109,189	128,263	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	63,781	138,450	189,225	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	58,876	81,271	93,524	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	50,994	87,451	98,410	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	67,213	86,482	85,903	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	25,839	36,786	42,948	No	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	50,849	63,119	70,204	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	52,510	78,376	94,506	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	36,700	49,140	52,549	Yes	Yes	No	Master's degree	No	No	No
29-1129	Therapists, All Other	32,837	57,514	71,232	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	33,656	94,384	125,797	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	59,412	72,316	75,506	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	112,216	154,766	168,869	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	58,468	90,490	103,949	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	52,000	100,275	117,154	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	69,134	82,042	87,665	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	156,422	353,615	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	173,247	374,749	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	57,681	240,810	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	203,141	296,518	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	89,513	176,055	213,030	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1216	General Internal Medicine Physicians	33,280	169,156	208,518	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1217	Neurologists	86,470	254,501	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	57,681	240,810	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	126,464	209,027	220,672	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	92,083	235,892	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	50,687	170,975	192,853	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1224	Radiologists	44,697	308,191	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	119,647	289,608	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	94,492	203,397	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	60,210	296,814	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	60,210	296,814	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	90,195	374,086	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	26,863	46,834	50,567	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	49,781	69,820	74,880	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	29,290	51,391	66,601	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	28,845	49,794	63,372	No	Yes	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	28,678	58,926	72,208	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	53,922	65,434	74,124	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	63,372	77,428	80,176	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	44,309	56,930	61,762	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	59,647	63,847	64,831	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	93,575	118,381	131,599	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	22,743	31,313	36,571	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	33,254	40,498	42,399	Yes	No	No	Postsecondary nondegree award	Yes	No	No
29-2051	Dietetic Technicians	25,235	27,469	25,732	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	28,549	35,670	39,080	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	25,861	36,407	38,531	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	37,550	50,884	58,858	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	27,417	34,520	36,342	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	26,981	38,489	43,750	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	41,600	49,264	53,372	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	28,890	41,011	45,751	No	No	No	Postsecondary nondegree award	No	No	No
29-2081	Opticians, Dispensing	29,180	47,190	61,991	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	39,497	77,328	89,897	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	28,901	49,149	62,062	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	28,256	38,657	38,624	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	29,173	68,634	78,463	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	36,956	47,541	50,049	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	47,649	82,228	95,390	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-9093	Surgical Assistants	28,075	41,380	55,779	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	26,137	46,261	51,378	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,224	26,448	28,296	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	24,676	30,466	33,700	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	22,853	29,069	31,332	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	25,786	29,332	31,575	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	49,668	64,441	70,264	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	27,733	51,891	63,285	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	42,652	62,496	71,487	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	22,880	28,022	29,163	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	29,510	47,812	49,017	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	33,650	41,599	46,783	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
31-9092	Medical Assistants	27,849	34,479	36,088	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	31,531	35,118	36,207	Yes	No	No	High school diploma or equivalent	Yes	No	No
31-9094	Medical Transcriptionists	27,925	36,911	42,243	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	25,375	28,971	29,561	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	24,476	30,971	34,573	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	28,775	34,812	36,004	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	26,135	43,470	48,801	No	No	No	High school diploma or equivalent	No	Yes	No
33-1011	First-Line Supervisors of Correctional Officers	38,997	50,178	49,094	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	57,810	81,064	96,034	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	48,924	75,590	90,934	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	32,351	52,801	65,484	Yes	Yes	Yes	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	34,147	52,142	62,869	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	29,163	46,118	58,830	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	38,818	53,044	52,250	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	51,558	84,784	95,715	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	44,462	47,796	53,186	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
33-3012	Correctional Officers and Jailers	33,041	39,163	40,706	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	38,872	54,075	56,430	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	25,047	27,159	27,317	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	29,410	37,728	39,266	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	38,043	56,031	66,739	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	55,319	68,731	56,412	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	23,215	32,468	36,900	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	26,115	51,633	67,621	No	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	26,279	33,004	35,774	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	21,517	31,656	34,337	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	25,894	30,359	32,357	No	No	No	No formal educational credential	Yes	Yes	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,800	24,358	25,082	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	32,680	40,628	44,370	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	22,489	26,220	27,084	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	22,139	36,029	39,724	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	29,187	48,033	60,154	No	No	Yes	Associate's degree	No	No	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,082	37,724	45,759	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,140	24,958	27,130	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	22,535	30,555	33,693	No	No	No	No formal educational credential	No	Yes	Yes
35-2013	Cooks, Private Household	29,966	54,522	67,185	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	23,240	30,337	34,184	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	22,266	28,955	31,422	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	24,381	29,711	31,898	No	No	No	No formal educational credential	Yes	No	No
35-2021	Food Preparation Workers	22,189	28,800	33,130	No	No	No	No formal educational credential	No	No	Yes
35-3011	Bartenders	20,800	32,115	35,938	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,168	23,995	26,149	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,800	30,150	34,662	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	21,610	26,114	27,542	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,800	26,525	29,150	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,034	24,850	27,023	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,800	25,792	27,905	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	21,744	26,585	27,988	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	27,241	42,063	46,905	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	33,549	50,414	61,157	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,938	28,104	30,174	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	21,617	25,961	28,009	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	22,639	28,178	30,753	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	29,597	39,383	44,747	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	24,441	30,577	34,311	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	21,977	35,177	39,093	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	28,039	34,914	43,495	No	No	No	High school diploma or equivalent	Yes	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	28,299	73,874	65,480	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	24,944	48,473	56,458	No	Yes	Yes	Some college, no degree	No	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	28,067	45,697	53,748	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	27,036	47,367	47,319	No	No	No	High school diploma or equivalent	No	Yes	No
39-2021	Animal Caretakers	22,564	29,327	32,062	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	19,888	32,606	44,036	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	19,851	26,492	28,502	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	19,267	30,003	34,884	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists										
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20,800	24,194	26,262	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,800	24,209	26,537	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	23,954	38,479	44,777	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20,990	28,058	30,679	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	21,574	26,853	26,900	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	30,262	43,249	48,455	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	29,230	35,261	45,653	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	20,800	29,138	29,357	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	30,889	54,170	62,199	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
39-5011	Barbers	21,004	30,227	36,534	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,937	33,767	39,314	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	21,626	31,319	34,007	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,267	22,731	24,528	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	21,138	38,108	41,906	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	20,027	27,483	31,911	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	22,898	33,078	35,422	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	20,800	35,833	39,017	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,302	26,916	28,597	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	38,351	47,125	No	No	No	Postsecondary nondegree award	No	No	Yes
39-9032	Recreation Workers	21,441	29,101	31,519	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	26,549	32,592	34,597	No	No	No	Some college, no degree	Yes	No	No
39-9099	Personal Care and Service Workers, All Other	19,267	28,512	30,262	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,795	50,870	53,908	No	Yes	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	41,466	85,574	96,298	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	20,800	25,439	27,602	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	19,665	30,827	31,939	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	22,170	33,378	36,826	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	21,441	32,835	38,694	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	21,396	32,483	33,896	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	24,514	71,520	64,277	No	Yes	Yes	Some college, no degree	No	Yes	Yes
41-3021	Insurance Sales Agents	31,179	60,750	63,949	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	37,285	57,442	60,251	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	22,521	42,559	47,012	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	29,160	59,172	70,839	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	36,085	88,710	114,332	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	29,594	62,192	72,421	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	21,796	31,804	35,579	No	No	No	No formal educational credential	No	Yes	Yes
41-9012	Models										
41-9021	Real Estate Brokers	46,854	112,576	139,824	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	30,102	91,243	94,351	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9031	Sales Engineers	45,185	114,370	148,875	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	20,809	32,923	22,462	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	19,971	32,865	46,241	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	21,251	35,682	38,863	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	34,165	56,122	66,378	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	23,785	30,816	33,497	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	26,000	29,795	34,493	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	21,518	45,565	53,438	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	29,036	40,693	48,012	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	30,442	38,955	41,389	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	27,596	41,248	47,719	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	20,555	29,688	35,320	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	31,141	42,285	47,214	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	27,908	40,224	47,255	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	30,106	37,352	38,816	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	33,236	50,391	56,439	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	34,514	51,382	55,763	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	30,975	34,597	37,608	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	31,778	40,409	45,153	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4041	Credit Authorizers, Checkers, and Clerks	26,742	40,461	47,158	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	25,755	35,691	40,322	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	32,618	35,506	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	24,366	32,535	36,570	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	22,409	27,166	28,115	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	28,410	34,942	38,552	No	No	No	High school diploma or equivalent	Yes	No	No
43-4121	Library Assistants, Clerical	23,988	33,329	36,633	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	28,084	43,132	52,000	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	33,588	40,229	43,573	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	24,983	37,267	41,633	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	29,455	40,119	42,986	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	22,479	30,031	33,397	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	26,313	37,717	37,850	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	28,080	37,667	41,600	No	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	38,787	62,918	73,367	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	21,505	31,186	33,245	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	32,715	41,358	46,449	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	26,329	43,503	50,383	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-5041	Meter Readers, Utilities	25,983	43,339	52,867	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-5051	Postal Service Clerks	39,770	54,480	60,798	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	54,415	70,179	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	35,737	48,316	62,210	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	29,315	48,338	56,953	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	25,134	35,402	40,935	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30,344	36,712	39,181	No	No	No	High school diploma or equivalent	Yes	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	30,256	48,190	55,829	No	No	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	29,777	44,078	49,818	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	28,083	33,306	35,189	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	23,535	34,772	39,216	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	25,962	34,330	37,659	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	26,090	32,131	34,870	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	23,815	46,352	56,013	No	No	Yes	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	28,709	45,043	48,845	No	No	No	High school diploma or equivalent	Yes	Yes	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	22,259	32,041	35,839	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	23,617	37,210	44,202	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	20,712	31,179	35,366	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	26,122	32,291	33,819	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	32,847	42,591	47,214	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	26,961	38,128	43,766	No	No	No	Some college, no degree	Yes	Yes	Yes
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	30,120	46,813	54,426	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	25,047	36,292	38,599	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	25,056	34,505	36,496	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	20,675	24,371	25,353	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	24,306	33,680	35,820	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	22,663	31,134	37,199	No	No	No	No formal educational credential	No	Yes	Yes
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	26,773	33,370	37,108	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	27,040	48,006	59,662	No	No	Yes	No formal educational credential	Yes	Yes	Yes
45-3031	Fishing and Hunting Workers	24,797	33,310	39,868	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	30,318	39,145	46,185	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	36,265	43,082	48,723	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
45-4022	Logging Equipment Operators	26,717	45,150	52,899	No	No	No	High school diploma or equivalent	No	Yes	Yes
45-4023	Log Graders and Scalers	20,675	24,371	25,353	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	41,609	43,844	43,653	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	39,050	61,515	71,015	Yes	Yes	Yes	Some college, no degree	Yes	Yes	No
47-2011	Boilermakers	19,267	43,397	52,799	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	28,492	41,707	49,181	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-2022	Stonemasons	27,260	42,264	54,527	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	28,723	41,484	46,025	No	No	No	Postsecondary nondegree award	No	Yes	No
47-2041	Carpet Installers	19,267	31,485	34,514	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	31,272	42,017	47,390	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	22,500	36,450	45,398	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	28,339	41,780	47,002	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	28,200	41,420	47,383	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	32,541	48,112	53,522	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	26,669	35,075	37,539	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	28,080	38,735	41,712	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	32,078	44,796	46,139	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	29,752	39,408	44,268	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	20,800	33,928	42,412	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	26,492	38,877	43,638	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	34,450	46,613	50,221	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	27,246	39,243	46,973	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	27,619	43,954	48,386	No	No	No	High school diploma or equivalent	No	Yes	No
47-2132	Insulation Workers, Mechanical	33,727	45,416	47,269	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	28,317	36,383	38,350	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	27,465	34,255	41,248	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	33,057	39,972	43,713	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	30,895	43,263	47,280	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	28,913	39,684	45,145	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	32,652	43,471	51,030	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	26,749	39,716	46,169	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	31,301	41,315	46,048	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2221	Structural Iron and Steel Workers	34,650	45,785	47,127	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2231	Solar Photovoltaic Installers	32,911	40,266	43,360	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,800	31,171	34,427	No	No	No	No formal educational credential	No	Yes	No
47-3012	Helpers—Carpenters	23,522	30,165	32,494	No	No	No	No formal educational credential	Yes	Yes	No
47-3013	Helpers—Electricians	25,404	32,228	34,649	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	24,695	29,132	30,503	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	25,285	31,884	33,932	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	27,678	33,578	35,690	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	24,197	31,401	35,309	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	36,697	55,643	66,981	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	45,194	78,374	95,427	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	27,489	34,678	36,351	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	29,364	38,456	46,876	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	27,455	33,596	39,516	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	41,748	50,798	57,671	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	23,029	41,423	45,116	No	No	No	High school diploma or equivalent	No	No	No
47-4090	Miscellaneous Construction and Related Workers	30,347	40,377	42,798	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	31,689	45,824	56,634	Yes	No	Yes	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	37,923	50,011	52,262	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	34,579	50,298	57,838	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	30,462	41,519	44,784	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	32,282	45,768	47,575	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	49,242	65,647	75,660	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	24,098	31,872	35,988	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	33,208	37,599	41,693	Yes	No	No	No formal educational credential	Yes	Yes	
47-5049	Underground Mining Machine Operators, All Other	33,208	37,599	41,693	Yes	No	No	No formal educational credential	Yes	Yes	
47-5051	Rock Splitters, Quarry	34,180	62,007	82,709	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	31,689	45,824	56,634	Yes	No	Yes	No formal educational credential	Yes	Yes	
47-5081	Helpers-Extraction Workers	27,224	32,532	35,690	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	25,751	41,526	40,590	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	38,297	64,644	77,339	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	27,597	38,240	42,140	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	35,366	54,392	66,638	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	31,586	54,332	66,595	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	35,542	63,433	72,696	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	31,317	39,392	44,916	Yes	No	No	High school diploma or equivalent	Yes	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	40,847	51,085	70,412	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	39,379	44,227	44,680	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40,060	78,318	102,594	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	27,100	41,970	44,307	No	No	No	Postsecondary nondegree award	No	No	
49-2097	Audiovisual Equipment Installers and Repairers	35,394	43,647	46,834	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2098	Security and Fire Alarm Systems Installers	33,680	46,120	55,019	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-3011	Aircraft Mechanics and Service Technicians	32,828	53,530	62,320	Yes	Yes	Yes	Associate's degree	No	Yes	
49-3021	Automotive Body and Related Repairers	31,100	46,588	48,525	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3022	Automotive Glass Installers and Repairers	33,228	43,573	45,691	Yes	No	No	High school diploma or equivalent	Yes	No	
49-3023	Automotive Service Technicians and Mechanics	27,568	43,398	51,701	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	37,023	50,952	58,111	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	31,200	44,690	50,366	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	35,181	51,713	59,290	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	34,690	49,807	55,383	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	29,085	46,120	55,514	No	No	Yes	Postsecondary nondegree award	No	Yes	
49-3052	Motorcycle Mechanics	31,463	38,425	39,926	Yes	No	No	High school diploma or equivalent	Yes	No	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	27,500	37,790	44,415	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	21,731	33,875	40,461	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	30,826	48,969	60,845	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-3093	Tire Repairers and Changers	26,529	32,952	34,317	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	28,901	42,647	50,354	No	No	No	High school diploma or equivalent	Yes	No	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	28,236	47,765	60,490	No	No	Yes	Postsecondary nondegree award	No	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	30,956	44,046	49,143	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	21,938	37,918	47,747	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	35,144	45,298	47,194	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	30,781	50,150	54,439	No	Yes	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	34,972	55,569	64,367	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons	24,232	32,115	35,311	No	No	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	31,200	62,478	91,695	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	31,234	46,780	57,614	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	37,284	49,548	55,272	Yes	Yes	Yes	Associate's degree	Yes	No	
49-9062	Medical Equipment Repairers	31,865	43,015	47,162	Yes	No	No	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	26,427	38,905	47,732	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	22,944	27,298	26,631	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	37,580	53,457	61,173	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	24,156	37,489	44,352	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians	44,740	63,100	73,150	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	25,381	37,376	44,907	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	36,635	49,344	52,855	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	20,800	36,450	43,348	No	No	No	High school diploma or equivalent	No	No	
49-9095	Manufactured Building and Mobile Home Installers	21,858	36,599	40,912	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	30,837	47,936	55,661	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	43,786	58,672	66,249	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers-Installation, Maintenance, and Repair Workers	25,602	31,155	34,661	No	No	No	High school diploma or equivalent	No	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	28,307	36,536	41,479	No	No	No	High school diploma or equivalent	Yes	No	
51-1011	First-Line Supervisors of Production and Operating Workers	36,873	57,554	68,848	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	30,633	43,601	51,734	No	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	30,790	42,165	44,926	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	27,203	36,128	40,142	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	31,189	40,266	44,703	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	28,512	39,847	44,990	No	No	No	High school diploma or equivalent	Yes	No	
51-2051	Fiberglass Laminators and Fabricators	36,242	36,228	36,242	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2061	Timing Device Assemblers and Adjusters	23,148	31,587	36,052	No	No	No	High school diploma or equivalent	No	No	
51-2090	Miscellaneous Assemblers and Fabricators	27,424	34,962	37,977	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	22,623	30,979	36,221	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	27,495	37,022	42,643	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	23,016	31,905	37,901	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	24,658	25,927	26,909	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	23,056	34,319	33,699	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	24,960	34,991	37,256	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	24,409	26,955	26,503	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	25,149	32,226	35,279	No	No	No	No formal educational credential	Yes	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	31,225	38,766	43,759	Yes	No	No	High school diploma or equivalent	Yes	No	

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	28,113	37,135	42,415	No	No	No	High school diploma or equivalent	Yes	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	28,419	38,840	41,952	No	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	29,267	36,362	37,923	No	No	No	High school diploma or equivalent	Yes	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,937	52,132	77,448	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,351	38,972	47,466	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,881	36,070	44,314	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	29,216	39,062	42,777	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	32,057	44,240	48,497	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	36,274	46,250	47,112	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	27,650	43,230	52,429	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-4061	Model Makers, Metal and Plastic	30,623	48,232	56,134	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	25,019	46,806	72,326	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	21,564	37,247	50,928	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	26,405	34,690	38,450	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,925	35,582	34,888	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	28,282	43,454	51,361	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	30,869	41,626	48,509	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	32,274	34,788	38,661	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23,120	37,775	43,907	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	31,457	44,259	48,770	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	27,872	37,293	41,563	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	25,510	34,134	36,033	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	27,263	37,802	43,734	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	31,595	44,443	45,376	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
51-5112	Printing Press Operators	24,254	36,686	40,865	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	30,735	39,280	42,701	No	No	No	High school diploma or equivalent	Yes	No	No
51-6011	Laundry and Dry-Cleaning Workers	20,984	24,422	26,309	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	22,083	26,529	27,326	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	22,709	31,396	34,264	No	No	No	No formal educational credential	No	Yes	Yes
51-6041	Shoe and Leather Workers and Repairers	31,702	35,324	42,244	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	20,425	27,604	28,141	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	26,492	32,772	34,449	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	21,379	25,603	26,168	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	30,674	33,154	34,905	No	No	No	High school diploma or equivalent	Yes	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	25,566	29,401	32,013	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	21,555	31,114	35,366	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	31,300	54,531	77,559	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	25,019	46,806	72,326	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	29,373	32,497	34,928	No	No	No	High school diploma or equivalent	Yes	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	25,344	31,652	35,301	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	28,056	37,381	42,141	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	28,493	42,397	49,835	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	25,846	33,831	34,579	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	24,888	31,066	32,801	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	25,510	30,207	30,531	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	44,972	70,955	89,833	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	49,715	82,218	96,076	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	47,392	66,154	77,830	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	44,685	58,357	63,100	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	29,842	42,619	47,302	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	38,756	57,412	62,155	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	32,022	48,279	58,375	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	44,907	58,283	73,437	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	37,367	53,642	60,135	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	26,807	34,330	39,840	No	No	No	High school diploma or equivalent	No	No	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,214	39,609	45,991	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,112	38,460	43,545	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	25,075	31,012	35,617	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	29,765	37,784	43,110	No	No	No	High school diploma or equivalent	Yes	No	No
51-9031	Cutters and Trimmers, Hand	20,332	33,032	37,108	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	24,654	38,226	48,434	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	25,677	35,403	41,850	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	28,410	36,385	40,841	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	27,948	40,947	47,964	No	No	No	Postsecondary nondegree award	No	No	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	33,074	44,115	49,667	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9081	Dental Laboratory Technicians	31,676	47,541	52,039	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes

Wages - Workforce Region 10

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	26,298	37,339	46,213	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	26,353	31,855	33,421	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	24,426	35,796	42,006	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	28,499	40,883	47,614	No	No	No	High school diploma or equivalent	Yes	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	24,258	39,650	46,110	No	No	No	High school diploma or equivalent	No	No	No
51-9141	Semiconductor Processing Technicians	35,274	44,388	47,075	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	21,685	32,791	35,311	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	31,874	41,548	45,933	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
51-9162	Computer Numerically Controlled Tool Programmers	32,430	51,248	56,638	Yes	Yes	Yes	Associate's degree	No	No	No
51-9191	Adhesive Bonding Machine Operators and Tenders	21,555	31,114	35,366	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	24,139	33,402	43,786	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	25,575	42,387	45,148	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	27,076	32,291	35,588	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	28,365	36,026	37,702	No	No	No	High school diploma or equivalent	Yes	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	27,029	41,202	48,538	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	26,900	34,810	37,617	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	22,877	33,283	35,625	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	22,930	33,925	37,571	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	35,070	52,882	57,690	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	34,840	51,917	62,089	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	100,902	250,768	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	50,163	106,369	126,871	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	74,067	117,047	145,661	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	74,067	117,047	145,661	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	32,615	64,174	73,280	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	26,946	31,462	32,553	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	34,607	39,604	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	30,596	45,954	51,781	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	20,866	41,263	49,649	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	29,078	35,032	37,891	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	26,693	30,525	30,930	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	22,937	30,981	30,236	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,332	29,354	29,586	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	21,842	27,605	30,255	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	52,419	63,674	68,787	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	29,827	50,002	48,168	No	Yes	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	36,246	54,809	57,329	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	58,700	66,258	68,833	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	27,066	38,682	48,584	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	38,219	38,858	38,228	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	26,974	42,184	46,537	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	26,810	58,516	77,340	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
53-5022	Motorboat Operators	26,390	42,082	49,316	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5031	Ship Engineers	67,222	91,046	101,328	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,305	29,679	33,699	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	20,800	25,787	26,604	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	22,443	30,721	35,596	No	No	No	No formal educational credential	No	Yes	Yes
53-6032	Aircraft Service Attendants	27,604	34,245	34,607	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	28,382	44,046	50,511	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	37,237	79,208	99,929	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	19,712	30,188	35,283	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,267	28,474	30,170	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	27,363	32,078	33,171	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	32,915	53,361	68,140	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	33,078	43,842	45,657	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	29,882	46,824	47,982	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,805	37,012	38,422	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	21,863	28,797	31,000	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,201	32,374	35,120	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	32,621	33,395	32,621	Yes	No	No	No formal educational credential	Yes	Yes	No
53-7064	Packers and Packagers, Hand	21,918	25,108	24,857	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,659	31,745	34,447	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	28,437	33,921	31,513	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	30,401	42,758	48,001	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps	28,437	33,921	31,513	No	No	No	High school diploma or equivalent	Yes	No	No
53-7081	Refuse and Recyclable Material Collectors	25,710	40,261	47,247	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	40,164	55,976	56,838	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	26,149	35,199	36,848	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 10

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	30,810	48,284	54,686	819
No formal educational credential	22,721	29,985	32,737	83
High school diploma or equivalent	27,992	42,791	49,030	234
Some college, no degree	26,059	38,050	42,197	49
Postsecondary nondegree award	29,159	41,358	46,801	89
Associate's degree	36,348	51,586	56,893	68
Bachelor's degree	43,602	76,439	88,949	182
Master's degree	47,155	77,021	89,019	41
Doctoral or professional degree	65,553	144,861	149,287	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	467	352	453	366	458	361
No formal educational credential	45.78%	54.22%	31.33%	68.67%	34.94%	65.06%
High school diploma or equivalent	58.12%	41.88%	75.64%	24.36%	79.91%	20.09%
Some college, no degree	28.57%	71.43%	24.49%	75.51%	22.45%	77.55%
Postsecondary nondegree award	41.57%	58.43%	28.09%	71.91%	31.46%	68.54%
Associate's degree	64.71%	35.29%	44.12%	55.88%	39.71%	60.29%
Bachelor's degree	60.99%	39.01%	59.89%	40.11%	58.79%	41.21%
Master's degree	70.73%	29.27%	60.98%	39.02%	56.10%	43.90%
Doctoral or professional degree	79.45%	20.55%	67.12%	32.88%	63.01%	36.99%



Wages - Workforce Region 11

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	72,326	247,885	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	36,829	94,059	113,984	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	66,452	93,464	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	51,240	110,602	133,512	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	62,064	133,644	169,177	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	56,391	131,987	156,700	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	53,575	93,498	111,174	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	62,806	119,313	145,270	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	45,120	89,433	101,953	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	36,711	78,911	97,582	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3021	Computer and Information Systems Managers	75,328	127,726	148,949	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	63,553	133,974	161,260	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	50,572	106,963	127,720	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	65,056	120,006	144,290	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	49,217	109,103	127,760	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	70,532	117,586	147,267	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	75,208	122,629	142,075	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	62,358	111,314	123,802	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,315	85,677	119,698	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	50,565	101,769	121,162	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	29,776	47,699	48,684	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	51,076	82,322	98,089	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	48,682	103,282	129,216	Yes	Yes	Yes	Master's degree	No	Yes	Yes
11-9039	Education Administrators, All Other	29,526	64,996	74,177	No	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	97,906	134,942	154,964	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	34,485	62,317	74,151	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	59,516	114,248	115,454	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	41,995	71,877	85,891	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	34,288	68,737	82,448	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	57,152	108,234	120,920	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	51,401	75,268	75,421	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9131	Postmasters and Mail Superintendents	83,096	95,989	105,248	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	29,052	55,939	61,290	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	37,222	72,984	92,543	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-9161	Emergency Management Directors	45,324	93,808	118,456	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	46,418	70,256	77,580	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	46,253	75,596	91,001	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	49,080	104,890	130,142	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	28,929	92,795	151,183	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	33,780	59,179	71,663	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	48,688	69,429	81,478	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	47,710	66,356	75,857	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	32,086	57,830	71,336	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	27,367	58,114	72,825	No	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	32,580	55,494	69,691	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	23,315	85,677	119,698	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
13-1075	Labor Relations Specialists	39,539	75,249	96,326	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1081	Logisticians	39,997	64,845	76,384	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	49,694	88,248	102,812	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	35,310	85,121	110,094	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	27,539	51,583	62,756	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	32,355	53,259	61,485	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	37,564	72,060	102,406	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1151	Training and Development Specialists	31,323	61,642	73,972	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	30,164	62,868	77,139	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	30,871	62,784	74,728	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	40,118	75,955	92,519	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-2020	Property Appraisers and Assessors	39,757	64,448	70,601	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	46,771	69,494	79,292	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	41,699	77,086	78,210	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2051	Financial and Investment Analysts	49,266	77,746	87,268	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	35,258	95,665	88,847	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
13-2053	Insurance Underwriters	40,467	58,577	55,565	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	45,614	94,003	116,704	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	43,089	75,751	92,863	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-2071	Credit Counselors	32,893	47,420	47,729	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	30,791	63,103	75,253	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,536	46,743	54,725	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	20,800	42,820	66,483	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	32,458	56,869	68,424	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	47,382	82,489	99,081	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	49,999	100,982	131,178	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	76,378	127,251	171,112	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	39,168	70,076	82,660	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	30,699	49,942	58,542	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	57,202	99,992	129,410	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	33,738	70,198	89,325	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1243	Database Architects	35,609	113,536	161,694	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes

## Wages - Workforce Region 11

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	46,384	78,564	92,173	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	46,540	83,262	99,919	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	60,278	107,609	129,835	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	43,980	84,395	104,320	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	32,297	77,900	99,190	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1255	Web and Digital Interface Designers	45,859	97,138	88,254	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	35,361	71,404	85,709	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2011	Actuaries	68,478	120,904	130,328	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	38,584	91,686	126,084	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	35,610	62,345	75,918	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	39,279	80,854	97,937	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	48,679	94,850	108,372	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	46,133	95,401	97,745	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	44,658	69,774	78,107	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1021	Cartographers and Photogrammetrists	42,684	66,394	78,085	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	34,158	59,008	74,543	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	50,267	100,644	122,678	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	57,365	95,303	119,380	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	64,995	105,268	129,489	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	34,562	107,946	119,475	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2061	Computer Hardware Engineers	64,542	115,425	134,187	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	38,178	90,297	125,603	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2072	Electronics Engineers, Except Computer	76,153	100,571	122,305	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	34,359	82,098	102,374	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	39,054	62,934	89,919	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2112	Industrial Engineers	56,898	87,152	101,826	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	49,706	75,249	88,493	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	57,215	92,510	120,458	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	50,197	82,691	98,207	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	44,796	93,307	104,950	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2161	Nuclear Engineers	78,230	112,753	122,206	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	64,822	126,644	151,936	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	50,107	71,412	84,083	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-3011	Architectural and Civil Drafters	29,079	49,063	60,268	No	Yes	Yes	Associate's degree	No	No	Yes
17-3012	Electrical and Electronics Drafters	46,258	60,951	72,651	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	32,262	54,495	66,049	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3019	Drafters, All Other	34,859	50,382	58,097	Yes	Yes	Yes	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	35,054	75,375	103,059	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	34,456	46,423	45,067	Yes	No	No	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	30,316	52,280	61,117	No	Yes	Yes	Associate's degree	No	No	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	44,343	68,661	77,555	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	30,279	44,575	50,382	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	38,218	52,761	59,517	Yes	Yes	Yes	Associate's degree	Yes	No	Yes
17-3027	Mechanical Engineering Technologists and Technicians	37,010	52,947	56,478	Yes	Yes	Yes	Associate's degree	No	No	No
17-3028	Calibration Technologists and Technicians	40,468	54,214	62,959	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	36,296	51,079	47,523	Yes	Yes	No	Associate's degree	No	No	No
17-3031	Surveying and Mapping Technicians	29,555	41,343	47,090	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	35,999	78,751	117,412	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	38,276	76,002	104,699	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	38,440	80,111	99,914	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	38,681	84,712	106,763	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	35,121	57,761	70,754	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	36,816	49,553	56,014	Yes	Yes	Yes	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	41,309	56,002	58,240	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	28,995	42,423	44,720	No	No	No	Bachelor's degree	No	No	No
19-1032	Foresters	36,057	58,272	68,622	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	55,832	84,027	98,882	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-1042	Medical Scientists, Except Epidemiologists	59,421	110,962	121,424	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	54,414	83,564	89,304	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	75,143	153,701	215,610	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	75,143	153,701	215,610	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	60,385	80,979	87,239	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2031	Chemists	35,706	61,433	84,746	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	66,433	112,039	131,071	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	29,106	51,921	59,813	No	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	46,533	88,927	107,139	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	41,806	65,796	78,471	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	43,658	104,178	129,074	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	58,436	92,805	113,139	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	51,028	97,213	123,287	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	71,796	123,557	149,515	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	35,355	115,310	202,123	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
19-3034	School Psychologists	41,127	62,231	74,049	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	47,820	100,632	114,774	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,311	56,623	49,050	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	45,444	69,522	80,243	Yes	Yes	Yes	Master's degree	No	No	No

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19-3091	Anthropologists and Archeologists	38,642	60,838	71,970	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	34,726	69,365	94,416	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists	37,099	92,651	125,785	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	55,994	74,577	86,070	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	28,987	38,555	44,758	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	31,427	50,912	70,137	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	28,475	41,797	48,346	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	34,777	44,935	45,976	Yes	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	25,012	31,886	38,793	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,540	39,269	42,906	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	34,832	54,443	65,111	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4051	Nuclear Technicians	37,716	61,262	77,767	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	29,681	47,575	54,636	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,816	45,510	54,153	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	29,349	55,819	66,252	No	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	26,935	52,481	62,005	No	Yes	Yes	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	36,941	63,789	79,917	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	38,912	60,134	67,040	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	33,799	52,024	61,549	Yes	Yes	Yes	Master's degree	No	No	No
21-1013	Marriage and Family Therapists	23,686	35,817	42,325	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	20,800	34,695	36,754	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	27,646	50,823	61,648	No	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	28,564	40,019	45,441	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	31,200	49,554	58,503	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	28,508	54,743	63,168	No	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	29,604	45,838	56,372	No	No	Yes	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	34,882	51,622	53,768	Yes	Yes	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	27,875	50,508	58,621	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,406	42,527	48,286	Yes	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	26,661	36,012	39,686	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	30,573	43,445	53,385	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	20,800	40,848	46,857	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	27,829	46,741	55,835	No	No	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	25,825	47,763	65,000	No	No	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	21,337	46,277	60,923	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	54,514	107,687	124,873	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
23-1012	Judicial Law Clerks	35,838	47,032	46,571	Yes	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	41,131	90,403	112,261	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	41,131	90,403	112,261	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	33,883	49,671	58,148	Yes	Yes	Yes	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	29,846	48,964	54,070	No	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	28,038	88,740	144,643	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	39,300	87,908	101,418	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	46,509	94,518	124,350	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	45,178	83,865	102,443	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,437	99,336	124,550	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	45,395	87,133	119,872	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	43,350	60,143	73,127	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	46,201	71,213	74,464	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	43,350	60,143	73,127	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	45,163	62,063	60,134	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	38,527	78,809	94,657	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	42,964	69,838	87,066	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	46,800	68,623	72,623	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	45,163	82,291	96,683	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	46,909	64,677	74,256	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	45,385	57,471	52,764	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	45,163	62,063	60,134	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	43,822	61,706	56,980	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	44,326	77,750	96,681	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	46,224	97,339	116,255	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	44,748	62,970	74,092	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	45,331	77,410	83,626	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-1072	Nursing Instructors and Teachers, Postsecondary	46,363	69,498	78,249	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	37,407	69,608	83,016	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	46,764	71,632	78,934	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	41,266	56,208	58,774	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	43,774	136,367	201,642	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1113	Social Work Teachers, Postsecondary	59,131	67,822	74,526	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	46,972	82,616	95,706	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	49,300	79,237	92,408	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	45,660	71,412	75,867	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	47,971	71,784	75,997	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	40,571	53,719	47,276	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	46,646	85,362	103,792	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	36,597	72,085	82,754	Yes	Yes	Yes	Master's degree	No	No	No

## Wages - Workforce Region 11

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Wage Meets or Exceeds Educational Level Metric			
Occupational Code	Occupational Title	Representative	Average Annual	High-Level Wage	Representative	Average Annual	High-Level Wage	Educational Requirement	Representative	Average Annual	High-Level Wage
		Starting Wage (\$)	Wage (\$)	Threshold (\$)		Starting Wage	Wage		Threshold	Starting Wage	Wage
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	42,491	72,500	76,474	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	35,087	60,778	77,855	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	36,328	72,823	78,989	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,797	30,158	32,559	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	45,703	56,163	61,712	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	43,661	54,025	59,521	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	45,164	51,991	60,540	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	45,368	58,212	69,645	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	46,854	57,586	62,265	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	45,578	60,433	65,507	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	37,010	49,209	60,790	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	39,697	56,811	74,545	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	45,414	61,455	75,799	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	44,854	63,876	74,998	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	24,960	44,053	46,123	No	No	No	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	29,171	46,948	55,707	No	No	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,393	38,273	48,634	No	No	No	Some college, no degree	Yes	No	Yes
25-3031	Substitute Teachers, Short-Term	22,449	32,788	35,281	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	21,129	39,338	49,979	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	23,062	48,403	62,155	No	No	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	28,331	45,366	54,172	No	No	No	Master's degree	No	No	No
25-4012	Curators	31,915	50,721	62,340	Yes	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	28,842	45,520	54,269	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	41,926	57,415	65,446	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	26,756	35,185	37,868	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	23,348	39,037	48,801	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	43,406	59,965	70,894	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,800	30,367	31,001	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	21,900	26,984	27,837	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	27,267	50,386	74,758	No	Yes	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	47,773	77,065	87,135	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	20,508	33,115	38,189	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,517	45,578	45,925	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	44,652	63,925	73,368	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1019	Artists and Related Workers, All Other	25,533	49,147	57,153	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	21,419	53,637	69,132	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	36,105	65,198	76,667	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	22,722	31,833	35,285	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	29,427	49,689	57,439	No	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	30,293	53,203	59,267	No	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,660	35,176	37,481	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	35,199	44,497	46,070	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	28,089	59,063	72,761	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	29,054	33,134	30,954	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	23,315	63,853	70,976	No	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,491	62,487	62,140	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	27,506	72,915	76,348	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,800	36,473	45,604	No	No	No	Some college, no degree	No	No	Yes
27-2031	Dancers	29,054	33,134	30,954	No	No	No	High school diploma or equivalent	Yes	No	No
27-2032	Choreographers	29,054	33,134	30,954	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	20,800	52,288	74,984	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,054	33,134	30,954	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,414	58,552	57,983	No	Yes	Yes	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,414	58,552	57,983	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,414	58,552	57,983	No	Yes	Yes	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	30,418	61,513	81,232	No	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	31,251	58,154	65,608	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	35,516	64,009	81,680	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	40,070	80,249	101,076	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
27-3043	Writers and Authors	21,862	45,886	52,000	No	No	No	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	30,655	52,118	70,330	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	25,904	50,376	59,613	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,402	45,559	56,381	No	No	Yes	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	23,543	47,200	55,736	No	No	Yes	Associate's degree	No	No	No
27-4012	Broadcast Technicians	21,887	41,575	54,016	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	26,083	65,362	97,262	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	28,929	47,536	58,504	No	No	Yes	Associate's degree	No	No	No
27-4021	Photographers	23,444	36,905	40,855	No	No	No	Some college, no degree	No	No	No
27-4031	Camera Operators, Television, Video, and Film	29,324	56,960	62,912	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	26,089	53,293	65,475	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	26,932	64,909	89,304	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	37,553	86,501	127,080	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	41,825	155,107	207,721	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	50,671	219,265	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	67,918	164,881	205,365	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	50,671	219,265	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	50,671	219,265	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

Wages - Workforce Region 11

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	43,757	63,108	70,145	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	72,842	134,867	164,597	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1051	Pharmacists	63,610	114,974	131,277	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1071	Physician Assistants	47,570	111,161	136,309	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	27,871	138,413	173,236	No	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	65,331	86,362	95,459	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	54,937	88,768	96,706	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1124	Radiation Therapists	65,348	77,991	80,578	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	26,411	45,105	66,372	No	No	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	47,840	61,619	66,376	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	48,559	81,158	95,838	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1128	Exercise Physiologists	38,218	51,173	54,722	Yes	Yes	No	Master's degree	No	No	No
29-1129	Therapists, All Other	34,195	59,893	74,179	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	57,529	99,752	121,569	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1141	Registered Nurses	53,743	72,551	78,746	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	117,991	168,218	193,115	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	60,886	94,233	108,249	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	81,274	111,252	122,780	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	59,796	91,667	103,628	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	184,563	295,017	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	174,054	413,634	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	60,066	250,770	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	26,645	289,450	*	No	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1215	Family Medicine Physicians	91,708	237,853	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	60,066	250,770	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	90,046	265,027	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	60,066	250,770	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	117,374	188,523	229,799	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	95,892	245,648	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	51,645	216,304	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1224	Radiologists	49,079	293,656	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	53,980	243,623	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	98,400	211,809	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	62,700	309,090	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	62,700	309,090	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1249	Surgeons, All Other	92,410	527,246	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	27,974	48,771	52,658	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	62,205	73,016	74,842	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	30,501	53,517	69,355	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	29,130	51,589	64,161	No	Yes	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	28,283	55,154	75,575	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	55,185	68,328	74,964	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	63,318	75,605	80,638	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	42,421	57,558	61,832	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	61,529	68,658	74,251	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	97,445	123,277	137,042	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	30,259	37,425	42,996	No	No	No	Postsecondary nondegree award	Yes	No	No
29-2043	Paramedics	38,485	46,479	47,021	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-2051	Dietetic Technicians	22,505	32,816	33,503	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	28,945	35,130	37,348	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	25,170	34,558	41,164	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	29,240	47,271	55,022	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2056	Veterinary Technologists and Technicians	27,283	34,697	36,330	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	27,196	37,972	44,653	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	40,272	49,772	54,290	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	28,917	39,531	46,491	No	No	No	Postsecondary nondegree award	No	No	No
29-2081	Opticians, Dispensing	29,204	47,548	59,105	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	42,547	78,894	89,939	Yes	Yes	Yes	Master's degree	No	No	No
29-2092	Hearing Aid Specialists	30,096	51,182	64,629	No	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	30,478	47,974	50,230	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-9021	Health Information Technologists and Medical Registrars	31,101	50,634	61,300	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	37,330	51,421	57,698	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	49,620	85,628	99,336	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-9093	Surgical Assistants	31,070	56,406	75,403	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	26,778	55,991	67,885	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,052	26,807	28,944	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	24,622	30,791	33,845	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	23,909	29,810	32,100	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	25,890	31,388	33,404	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	52,867	63,355	66,560	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	28,880	54,037	65,902	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	48,435	62,383	66,627	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	21,585	32,697	33,059	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	25,209	46,279	49,513	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	30,985	39,998	43,966	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	29,085	35,381	36,828	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	31,200	33,826	35,030	Yes	No	No	High school diploma or equivalent	Yes	No	No
31-9094	Medical Transcriptionists	26,493	32,862	34,433	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 11

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,803	32,845	38,478	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	24,340	31,074	34,741	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	29,946	35,064	36,342	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9099	Healthcare Support Workers, All Other	23,790	34,553	36,171	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	42,099	49,844	60,356	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	51,242	75,756	97,398	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	47,486	71,536	81,370	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	29,460	45,729	50,970	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	38,437	58,945	64,251	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	27,765	40,097	45,820	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	37,110	52,585	60,853	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	53,690	88,291	99,673	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	29,644	51,760	65,801	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3012	Correctional Officers and Jailers	35,422	42,800	46,393	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
33-3021	Detectives and Criminal Investigators	41,496	53,533	58,793	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	26,083	28,282	28,446	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	30,626	39,289	40,890	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	37,987	51,901	55,735	Yes	Yes	Yes	Associate's degree	Yes	No	No
33-3052	Transit and Railroad Police	57,607	71,574	58,745	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	30,520	38,827	44,577	No	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	31,098	56,597	56,597	Yes	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,366	34,369	37,253	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	21,630	29,666	32,344	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	26,769	30,397	32,256	No	No	No	No formal educational credential	Yes	Yes	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,800	30,486	29,598	No	No	No	No formal educational credential	No	Yes	No
33-9093	Transportation Security Screeners	34,031	42,308	46,205	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
33-9094	School Bus Monitors	22,022	26,295	27,462	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	20,800	31,852	35,617	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	31,046	51,564	61,061	Yes	Yes	Yes	Associate's degree	No	No	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,802	38,606	45,407	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,894	25,340	27,398	No	No	No	No formal educational credential	Yes	No	No
35-2012	Cooks, Institution and Cafeteria	23,477	29,648	32,582	No	No	No	No formal educational credential	Yes	No	No
35-2013	Cooks, Private Household	31,205	56,777	69,963	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	23,432	31,091	34,436	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	20,927	30,079	34,122	No	No	No	No formal educational credential	No	Yes	Yes
35-2019	Cooks, All Other	26,208	32,343	34,224	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	22,421	28,461	32,368	No	No	No	No formal educational credential	No	No	No
35-3011	Bartenders	20,800	32,897	36,679	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,321	24,443	26,509	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,800	31,089	35,909	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,261	26,790	28,966	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,800	26,306	28,491	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	20,997	25,631	27,640	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,875	26,389	28,402	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	21,818	27,121	28,271	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,427	44,002	48,242	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	33,749	49,511	58,781	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,788	28,928	30,500	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	21,934	26,794	28,339	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,575	29,343	32,025	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	29,983	39,084	45,236	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	25,938	31,225	34,078	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	22,206	36,764	45,049	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	27,028	37,900	45,501	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	28,070	37,446	37,186	No	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	31,832	55,687	68,343	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	20,867	41,430	51,074	No	No	No	Some college, no degree	No	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	29,380	46,346	56,405	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	27,050	30,720	29,868	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	22,640	28,376	28,905	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,710	33,954	45,858	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,672	27,588	29,681	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,064	31,244	36,327	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	30,694	37,099	41,478	No	No	No	No formal educational credential	Yes	No	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20,800	22,833	22,031	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,800	25,005	27,373	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	24,945	40,070	46,629	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,858	29,218	31,948	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	21,470	26,796	23,745	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,514	45,038	50,459	Yes	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,282	36,849	42,884	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	21,412	27,913	28,145	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	31,200	46,638	57,756	Yes	No	Yes	Associate's degree	No	No	No
39-5011	Barbers	21,067	32,585	35,970	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,576	32,661	37,966	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	20,800	30,245	29,856	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 11

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,064	23,672	25,543	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	20,862	29,161	44,365	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	20,855	28,620	33,231	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	23,506	29,884	29,957	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	21,452	31,887	37,568	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,442	26,141	28,961	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	39,622	45,480	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	21,610	28,902	30,775	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	27,254	38,908	49,207	No	No	No	Some college, no degree	Yes	Yes	Yes
39-9099	Personal Care and Service Workers, All Other	20,064	29,691	31,514	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,220	46,638	51,018	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	40,573	83,717	93,328	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,179	25,574	27,589	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,479	32,102	33,260	No	No	No	No formal educational credential	No	Yes	Yes
41-2021	Counter and Rental Clerks	22,443	34,542	37,241	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	21,830	36,384	43,680	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	21,453	31,057	32,431	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	32,317	56,205	60,837	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	31,200	60,587	74,896	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	39,609	66,968	76,425	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	22,617	41,758	45,906	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	28,897	59,530	66,475	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	39,307	89,708	119,795	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	29,120	65,356	77,040	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,800	42,225	48,270	No	No	No	No formal educational credential	No	Yes	Yes
41-9012	Models	21,202	31,523	33,896	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	36,736	75,993	99,503	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	26,801	48,044	51,089	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	47,054	119,100	155,032	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	20,800	25,654	28,846	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,797	34,224	48,153	No	No	No	High school diploma or equivalent	No	No	Yes
41-9099	Sales and Related Workers, All Other	21,462	32,788	35,283	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	36,456	57,296	67,255	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	23,192	29,294	31,578	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,138	30,202	33,067	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,408	47,449	55,648	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	32,432	38,396	38,733	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	30,583	39,419	44,072	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,005	41,558	47,587	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,405	30,916	36,781	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	28,971	43,792	50,127	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	30,438	41,721	46,946	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	30,586	37,531	38,897	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	29,573	44,649	51,251	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	32,978	48,844	51,590	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	32,257	36,028	39,163	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	34,482	38,604	41,793	Yes	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	27,848	42,134	49,108	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	24,664	34,694	38,041	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	32,990	35,027	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	23,809	32,115	35,598	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	23,006	28,074	28,465	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	24,234	37,088	43,063	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	22,880	28,902	29,764	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	31,814	45,238	55,408	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	34,977	41,893	45,375	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	24,665	33,873	36,899	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	31,200	42,194	47,195	Yes	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	21,228	29,180	32,853	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	26,624	42,599	48,579	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-4199	Information and Record Clerks, All Other	28,042	38,876	44,516	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	32,570	48,554	59,297	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	22,031	31,366	33,415	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	28,343	39,929	44,165	No	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	24,953	38,634	42,813	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	31,064	41,649	44,720	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5051	Postal Service Clerks	39,770	55,064	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	56,003	71,344	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	56,202	62,774	69,618	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	29,717	47,286	54,427	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	25,842	36,091	39,942	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	24,067	33,938	37,295	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	31,955	56,035	72,014	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	30,004	42,536	47,390	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	24,130	34,325	37,144	No	No	No	Some college, no degree	No	No	No

Wages - Workforce Region 11

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,000	37,073	42,455	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	23,717	32,470	35,025	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	27,726	31,345	31,762	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,800	48,269	58,330	No	No	Yes	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	30,479	40,362	45,440	No	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	24,311	32,301	36,920	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	22,415	37,147	44,967	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	20,800	29,744	35,360	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	27,202	33,626	35,218	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	34,205	44,353	49,166	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	23,520	38,680	43,069	No	No	No	Some college, no degree	No	Yes	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	29,382	53,353	66,655	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	34,819	38,696	38,188	Yes	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	26,093	35,932	38,006	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	21,530	25,379	26,401	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,311	35,073	37,301	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	21,955	27,173	28,311	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	25,823	34,687	41,517	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,720	34,417	40,436	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	25,823	34,687	41,517	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,572	40,764	48,095	Yes	No	No	Postsecondary nondegree award	Yes	No	Yes
45-4021	Fallers	37,764	44,864	50,738	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-4022	Logging Equipment Operators	27,559	39,626	46,851	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,530	25,379	26,401	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	40,137	43,494	45,028	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	36,775	62,971	75,949	Yes	Yes	Yes	Some college, no degree	Yes	Yes	No
47-2011	Boilermakers	20,064	45,192	54,983	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	30,415	42,351	49,791	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2022	Stonemasons	28,118	44,835	55,668	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-2031	Carpenters	30,841	43,569	46,973	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
47-2041	Carpet Installers	20,064	32,787	35,941	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	32,565	43,755	49,349	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,430	37,957	47,276	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	30,321	42,042	45,204	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	28,919	41,018	47,011	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	33,887	50,102	55,735	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	28,240	36,382	39,587	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	27,646	37,468	40,110	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	33,404	46,649	48,047	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2073	Operating Engineers and Other Construction Equipment Operators	31,356	41,260	44,907	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	21,276	42,712	48,044	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,588	40,485	45,443	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	30,480	43,928	48,219	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	27,467	39,342	45,294	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	28,244	41,951	46,610	No	No	No	High school diploma or equivalent	Yes	No	No
47-2132	Insulation Workers, Mechanical	35,121	47,295	49,224	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2141	Painters, Construction and Maintenance	28,183	37,751	42,816	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,601	35,671	42,954	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	32,861	39,951	43,836	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	33,404	45,165	49,527	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	29,681	41,058	47,043	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	34,003	45,269	53,140	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	27,052	39,350	46,013	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	30,391	41,381	46,181	No	No	No	High school diploma or equivalent	Yes	No	No
47-2221	Structural Iron and Steel Workers	34,195	47,054	54,925	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	34,273	41,932	45,153	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,064	33,105	36,810	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	26,790	39,434	52,474	No	No	No	No formal educational credential	No	Yes	Yes
47-3013	Helpers—Electricians	26,153	32,853	35,637	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	24,233	29,837	30,160	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	28,282	34,170	35,282	No	No	No	High school diploma or equivalent	Yes	No	No
47-3016	Helpers—Roofers	28,823	34,967	37,166	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	26,970	35,691	39,424	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	43,942	58,320	65,723	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	47,063	81,616	99,374	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	23,844	34,606	38,608	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	29,661	36,322	49,294	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-4051	Highway Maintenance Workers	26,225	35,793	42,024	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	43,475	52,899	60,057	Yes	Yes	Yes	High school diploma or equivalent	Yes	No	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	23,262	42,392	57,200	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	29,894	37,396	43,231	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas	39,491	52,079	54,423	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,009	52,378	60,230	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	37,968	48,463	57,200	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5023	Earth Drillers, Except Oil and Gas	33,617	47,661	49,542	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	51,279	68,362	78,789	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,488	38,826	42,954	No	No	No	No formal educational credential	Yes	Yes	Yes



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47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining										
47-5049	Underground Mining Machine Operators, All Other	34,581	39,154	43,417	Yes	No	No	No formal educational credential	Yes	Yes	
47-5051	Rock Splitters, Quarry	35,594	64,571	86,130	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	32,999	47,719	58,976	Yes	No	Yes	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	28,350	33,877	37,166	No	No	No	High school diploma or equivalent	Yes	No	
47-5099	Extraction Workers, All Other	26,816	43,243	42,269	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	38,153	62,133	74,213	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	31,257	38,961	39,875	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,829	56,642	69,394	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	31,524	57,477	77,038	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	47,930	65,651	73,786	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	34,040	42,623	45,371	Yes	No	No	High school diploma or equivalent	Yes	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	38,662	54,269	61,368	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	36,731	51,884	58,945	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	38,527	73,744	95,429	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	32,035	42,790	46,861	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	47,182	48,827	50,117	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-2098	Security and Fire Alarm Systems Installers	33,961	49,571	57,829	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3011	Aircraft Mechanics and Service Technicians	35,519	54,089	59,733	Yes	Yes	Yes	Associate's degree	No	Yes	
49-3021	Automotive Body and Related Repairers	31,920	48,036	53,108	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3022	Automotive Glass Installers and Repairers	32,343	44,633	52,870	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3023	Automotive Service Technicians and Mechanics	27,705	44,473	56,561	No	No	Yes	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	35,402	48,735	56,507	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	29,835	45,925	47,767	No	No	No	High school diploma or equivalent	Yes	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	31,520	46,457	52,590	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	36,125	51,867	57,674	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	31,760	46,505	54,646	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	28,755	44,372	56,922	No	No	Yes	High school diploma or equivalent	Yes	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	28,904	40,597	47,826	No	No	No	High school diploma or equivalent	Yes	No	
49-3091	Bicycle Repairers	22,630	35,276	42,134	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	29,498	46,899	59,140	No	No	Yes	High school diploma or equivalent	Yes	Yes	
49-3093	Tire Repairers and Changers	26,825	31,241	33,513	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	30,096	44,411	52,436	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	32,039	46,586	49,109	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	29,510	44,709	50,715	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	26,729	41,266	47,903	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	32,843	49,801	59,509	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	32,054	52,224	56,690	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	39,385	53,970	63,712	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons	25,234	33,443	36,771	No	No	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	37,726	69,346	91,050	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	33,552	50,125	58,308	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	38,826	51,597	57,558	Yes	Yes	Yes	Associate's degree	Yes	No	
49-9062	Medical Equipment Repairers	29,361	41,697	44,720	No	No	No	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	27,520	40,514	49,706	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	23,893	28,427	27,733	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	38,114	48,986	53,619	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	26,778	37,367	43,369	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians	46,591	65,709	76,175	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	22,274	35,564	44,000	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	38,150	51,385	55,041	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	29,163	40,679	45,460	No	No	No	High school diploma or equivalent	Yes	No	
49-9095	Manufactured Building and Mobile Home Installers	21,086	29,816	37,726	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	26,494	35,920	42,649	No	No	No	High school diploma or equivalent	No	No	
49-9097	Signal and Track Switch Repairers	45,597	61,098	68,989	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	26,230	31,807	34,980	No	No	No	High school diploma or equivalent	No	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	28,222	40,411	44,657	No	No	No	High school diploma or equivalent	Yes	No	
51-1011	First-Line Supervisors of Production and Operating Workers	36,366	60,655	76,263	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	31,900	45,404	53,873	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	32,064	43,909	46,784	Yes	No	No	High school diploma or equivalent	Yes	Yes	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	23,132	37,341	42,981	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	32,478	41,932	46,552	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	31,676	38,652	40,635	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2051	Fiberglass Laminators and Fabricators	28,742	35,636	35,403	No	No	No	High school diploma or equivalent	Yes	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	26,590	34,504	37,117	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	22,790	31,930	36,115	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	26,944	37,519	42,778	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	23,579	35,153	39,402	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	25,678	26,999	28,022	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	24,009	35,739	35,093	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	23,718	34,222	39,072	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	24,221	30,887	34,205	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	20,800	31,361	35,279	No	No	No	No formal educational credential	No	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	30,115	39,057	43,301	No	No	No	High school diploma or equivalent	Yes	No	

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51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,276	38,671	44,169	No	No	No	High school diploma or equivalent	Yes	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	29,594	40,446	43,687	No	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	27,646	38,518	44,059	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,093	54,288	80,651	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,613	34,072	38,757	No	No	No	High school diploma or equivalent	Yes	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,951	37,562	46,147	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30,424	40,678	44,546	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	33,748	40,453	44,937	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-4051	Metal-Refining Furnace Operators and Tenders	37,774	48,163	49,060	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4052	Pourers and Casters, Metal	28,794	45,018	54,597	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4061	Model Makers, Metal and Plastic	31,890	50,227	58,455	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,054	48,742	75,317	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	22,456	38,787	53,034	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	23,123	36,557	38,587	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,096	36,723	37,147	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	37,099	55,900	62,350	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	30,146	42,192	46,325	No	No	No	Postsecondary nondegree award	Yes	Yes	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	29,298	40,172	47,403	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,077	39,337	45,723	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	32,758	46,089	50,787	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	26,588	38,381	44,874	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,565	35,546	37,523	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	27,539	39,143	49,920	No	No	No	High school diploma or equivalent	No	No	Yes
51-5111	Prepress Technicians and Workers	29,120	41,223	47,313	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	23,644	34,707	37,728	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	29,372	38,698	44,106	No	No	No	High school diploma or equivalent	Yes	No	No
51-6011	Laundry and Dry-Cleaning Workers	21,166	25,462	28,324	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	22,996	27,626	28,456	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	21,635	30,584	34,895	No	No	No	No formal educational credential	No	Yes	Yes
51-6041	Shoe and Leather Workers and Repairers	25,918	34,328	37,200	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	21,270	28,745	29,305	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	27,588	34,128	35,874	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,263	26,662	27,250	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	26,768	32,006	35,121	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,623	30,617	33,337	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,446	32,401	36,829	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,594	56,787	80,767	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,054	48,742	75,317	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	27,067	36,674	41,372	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,392	32,661	36,761	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	29,985	38,290	42,857	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	34,887	44,823	44,407	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	25,234	33,443	36,771	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	25,147	33,212	37,176	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,565	31,456	31,794	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	46,832	73,889	93,548	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	51,771	85,619	100,049	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	32,798	58,870	72,954	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	46,533	60,770	65,709	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	35,592	47,427	57,520	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	40,359	59,787	64,725	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	33,347	50,275	60,790	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	46,764	60,693	76,474	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	38,912	55,861	62,622	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	27,830	45,418	45,242	No	No	No	High school diploma or equivalent	No	Yes	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	24,532	41,372	51,574	No	No	No	High school diploma or equivalent	No	No	Yes
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	27,192	40,051	45,346	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	27,472	34,311	37,311	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	28,531	38,838	46,743	No	No	No	High school diploma or equivalent	Yes	No	No
51-9031	Cutters and Trimmers, Hand	21,173	34,398	38,642	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	27,617	37,427	42,848	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	26,739	36,867	43,581	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29,585	37,890	42,530	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	29,486	41,944	46,966	No	No	No	Postsecondary nondegree award	Yes	Yes	No
51-9071	Jewelers and Precious Stone and Metal Workers	25,349	49,323	60,636	No	Yes	Yes	High school diploma or equivalent	No	Yes	No
51-9081	Dental Laboratory Technicians	27,784	45,804	50,504	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 11

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	27,162	31,801	34,441	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	26,880	31,427	34,042	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	20,800	32,436	35,841	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	22,928	31,551	38,764	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	30,160	41,641	44,733	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	36,732	46,224	49,021	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9151	Photographic Process Workers and Processing Machine Operators	22,582	34,147	36,771	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	30,668	39,698	44,960	No	No	No	Postsecondary nondegree award	Yes	No	No
51-9162	Computer Numerically Controlled Tool Programmers	43,152	57,806	62,950	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	22,446	32,401	36,829	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	25,138	34,784	45,597	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,633	44,141	47,015	No	No	No	High school diploma or equivalent	No	Yes	No
51-9194	Etchers and Engravers	28,196	33,626	37,060	No	No	No	High school diploma or equivalent	Yes	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	29,021	38,863	44,551	No	No	No	High school diploma or equivalent	Yes	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	28,147	42,906	50,546	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9197	Tire Builders	28,012	36,250	39,173	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	24,004	31,931	36,105	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	28,422	36,316	37,066	No	No	No	High school diploma or equivalent	Yes	No	No
53-1041	Aircraft Cargo Handling Supervisors	36,520	55,070	60,076	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	34,974	51,075	60,965	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	105,075	261,139	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	52,881	74,815	84,210	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	77,130	121,888	151,685	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	77,130	121,888	151,685	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	33,964	66,828	76,310	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	24,839	29,575	31,398	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	32,932	39,106	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	30,488	43,702	47,875	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	22,910	42,277	45,600	No	No	No	High school diploma or equivalent	No	Yes	No
53-3051	Bus Drivers, School	29,490	33,599	34,083	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	29,208	33,359	35,556	No	No	No	High school diploma or equivalent	Yes	No	No
53-3053	Shuttle Drivers and Chauffeurs	23,440	28,677	29,818	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,131	30,568	30,810	No	No	No	No formal educational credential	No	Yes	No
53-3099	Motor Vehicle Operators, All Other	20,800	26,758	29,533	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	54,587	66,307	71,632	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,060	52,070	50,160	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	37,745	57,076	59,700	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	61,127	68,999	71,680	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,186	40,282	50,594	No	No	No	High school diploma or equivalent	Yes	No	Yes
53-4099	Rail Transportation Workers, All Other	39,800	40,465	39,809	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	28,089	43,928	48,462	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-5021	Captains, Mates, and Pilots of Water Vessels	34,495	65,744	81,880	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	27,482	43,822	51,356	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5031	Ship Engineers	70,002	94,812	105,519	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,228	30,906	35,093	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	20,942	27,479	29,560	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	23,872	30,575	35,149	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	28,745	35,662	36,038	No	No	No	High school diploma or equivalent	Yes	No	No
53-6041	Traffic Technicians	29,124	45,054	49,438	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	38,777	62,484	104,062	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,527	31,437	36,742	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,800	33,302	44,516	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	28,495	33,404	34,543	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	35,353	61,069	74,256	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,446	45,655	47,546	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	31,118	48,761	49,967	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	28,324	36,217	38,860	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	21,663	30,011	32,787	No	No	No	No formal educational credential	No	Yes	Yes
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	23,499	32,368	36,483	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	28,012	36,250	39,173	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	22,094	24,326	24,627	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,805	31,450	33,825	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,614	35,324	32,816	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	31,659	45,526	49,986	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-7073	Wellhead Pumps	29,614	35,324	32,816	No	No	No	High school diploma or equivalent	Yes	No	No
53-7081	Refuse and Recyclable Material Collectors	28,330	39,000	46,637	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	41,825	58,291	59,188	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	27,231	36,655	38,372	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 11

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	30,724	48,791	55,326	820
No formal educational credential	22,590	29,910	32,711	83
High school diploma or equivalent	28,061	42,070	47,818	234
Some college, no degree	27,088	38,671	43,656	49
Postsecondary nondegree award	29,475	41,942	47,606	89
Associate's degree	37,911	52,968	59,394	68
Bachelor's degree	43,050	78,437	91,570	182
Master's degree	48,944	78,959	92,655	42
Doctoral or professional degree	51,552	126,738	134,605	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	438	382	454	366	449	371
No formal educational credential	40.96%	59.04%	27.71%	72.29%	31.33%	68.67%
High school diploma or equivalent	54.70%	45.30%	70.51%	29.49%	72.22%	27.78%
Some college, no degree	32.65%	67.35%	28.57%	71.43%	26.53%	73.47%
Postsecondary nondegree award	33.71%	66.29%	30.34%	69.66%	33.71%	66.29%
Associate's degree	63.24%	36.76%	51.47%	48.53%	44.12%	55.88%
Bachelor's degree	59.34%	40.66%	64.84%	35.16%	62.09%	37.91%
Master's degree	78.57%	21.43%	61.90%	38.10%	57.14%	42.86%
Doctoral or professional degree	63.01%	36.99%	63.01%	36.99%	60.27%	39.73%

Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	85,505	296,205	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	44,174	115,449	139,646	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	28,184	83,180	107,954	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	50,091	127,419	168,227	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	77,426	160,070	206,893	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	56,548	140,519	169,075	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	60,052	111,945	131,638	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	61,126	113,061	142,151	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	54,995	110,736	148,075	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	52,427	97,203	120,994	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	97,846	159,218	176,696	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	77,459	161,352	194,990	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	63,399	117,650	137,453	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	76,591	137,561	166,121	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	49,644	109,832	130,364	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	74,268	119,539	146,104	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	75,571	126,101	147,011	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	64,669	113,766	135,621	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	41,994	116,048	163,849	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	61,007	118,017	131,699	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	30,663	48,739	58,945	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	53,075	85,991	99,630	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	61,175	97,846	101,270	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	38,071	81,166	110,094	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9041	Architectural and Engineering Managers	103,485	167,220	196,567	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	44,374	74,222	81,490	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	60,718	116,554	117,785	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	38,657	74,268	82,248	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	36,837	97,488	124,146	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9111	Medical and Health Services Managers	60,868	114,206	129,222	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	52,509	118,115	132,542	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	76,398	90,901	98,426	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	37,740	80,326	81,022	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	42,087	74,974	86,070	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	50,018	87,844	108,695	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
11-9171	Funeral Home Managers	49,053	88,454	84,009	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	47,899	75,150	94,427	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	62,038	120,995	149,007	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	29,513	94,668	154,235	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	37,584	70,121	83,877	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	41,993	70,333	81,436	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	48,199	68,988	78,203	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	34,549	65,217	81,661	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	38,994	69,983	82,396	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	37,231	63,733	77,665	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	23,785	87,406	122,114	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
13-1075	Labor Relations Specialists	45,961	73,972	83,416	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	41,706	74,469	90,958	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	49,982	94,144	117,350	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	43,551	91,889	106,138	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	32,060	56,849	71,019	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	34,773	57,513	72,592	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	38,711	66,986	82,413	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	32,935	67,828	81,852	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	36,846	71,261	85,289	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	37,308	72,996	88,269	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	42,292	81,066	95,390	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	36,742	67,672	77,624	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	47,964	76,443	90,660	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2041	Credit Analysts	50,196	79,384	90,564	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	51,798	86,352	100,173	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	37,137	102,617	109,815	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	43,250	73,285	86,612	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	55,330	100,754	119,995	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	43,451	67,548	80,843	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	35,349	49,332	51,489	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	29,635	70,437	80,839	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,536	56,840	75,026	No	Yes	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	28,046	43,307	47,229	No	No	No	Postsecondary nondegree award	No	No	No
13-2099	Financial Specialists, All Other	36,540	64,887	80,307	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	55,498	102,182	122,817	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	62,911	112,815	136,852	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	80,922	144,697	170,072	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	42,765	69,755	83,433	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	35,030	55,658	63,906	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	64,676	119,388	139,630	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	51,463	95,944	123,295	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	68,643	143,408	170,736	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	52,501	90,932	106,701	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
15-1251	Computer Programmers	54,088	92,691	104,750	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
15-1252	Software Developers	64,520	113,838	136,787	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	49,682	88,308	107,222	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
15-1254	Web Developers	47,585	100,540	127,431	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	44,687	83,666	99,960	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	45,624	98,124	126,539	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2011	Actuaries	84,233	130,858	131,527	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	39,363	93,537	128,629	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	41,491	90,923	122,658	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-2041	Statisticians	40,716	84,225	101,529	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	57,189	91,613	111,157	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	40,072	82,486	99,914	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	49,211	94,024	103,443	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
17-1012	Landscape Architects	40,547	65,031	75,380	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	47,578	63,990	76,983	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	37,607	68,581	85,477	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	77,660	122,615	161,809	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers	46,104	85,280	109,754	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-2031	Bioengineers and Biomedical Engineers	49,043	88,494	102,930	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2041	Chemical Engineers	66,307	107,393	132,103	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	61,395	97,519	120,159	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	80,458	119,274	139,115	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	62,174	105,291	131,217	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	76,034	104,220	122,678	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	35,612	81,579	103,398	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	51,971	80,241	100,002	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2112	Industrial Engineers	63,935	99,366	123,057	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	74,862	93,097	95,472	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2131	Materials Engineers	59,886	94,938	113,992	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	60,488	97,460	117,900	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	45,701	95,190	107,068	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2161	Nuclear Engineers	79,809	115,029	124,673	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	66,130	129,200	155,002	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	60,580	103,645	124,959	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	38,065	56,421	66,430	Yes	Yes	Yes	Associate's degree	No	No	Yes
17-3012	Electrical and Electronics Drafters	46,259	54,086	59,895	Yes	No	No	Associate's degree	Yes	No	No
17-3013	Mechanical Drafters	38,015	65,142	80,194	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	39,996	55,607	61,507	Yes	Yes	No	Associate's degree	Yes	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	35,761	76,896	105,139	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	35,563	56,546	69,646	Yes	Yes	Yes	Associate's degree	No	No	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	37,878	59,935	73,407	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	40,270	69,607	78,325	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	30,677	42,600	48,023	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	45,400	60,603	65,749	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	43,874	60,358	67,350	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3028	Calibration Technologists and Technicians	43,269	64,355	82,644	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	37,837	59,649	70,587	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,425	45,262	49,859	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	36,726	80,340	119,782	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	37,188	76,119	100,537	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1013	Soil and Plant Scientists	39,849	59,586	72,834	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1021	Biochemists and Biophysicists	47,350	102,139	144,460	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	36,400	49,188	51,645	Yes	No	No	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	34,798	48,833	52,645	Yes	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	40,621	58,719	64,023	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	30,286	53,385	68,411	No	No	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	34,277	54,717	64,153	Yes	No	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	78,459	88,844	99,642	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-1042	Medical Scientists, Except Epidemiologists	56,869	117,449	131,004	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	37,291	49,378	37,293	Yes	No	No	Bachelor's degree	No	No	No
19-2011	Astronomers	76,660	156,803	219,962	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	61,688	148,578	219,962	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-2021	Atmospheric and Space Scientists	60,986	88,540	124,488	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
19-2031	Chemists	40,207	73,684	90,142	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	97,269	121,741	136,083	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	37,440	65,419	76,821	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	49,528	82,537	100,533	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2043	Hydrologists	43,334	65,082	75,458	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	45,258	109,447	186,223	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	54,725	90,730	120,478	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	37,424	95,616	190,288	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	73,245	126,051	152,532	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	46,527	88,426	109,797	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	50,891	76,684	85,477	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	81,994	106,475	122,678	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3041	Sociologists	28,883	57,765	50,040	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	48,353	75,148	86,610	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	48,838	59,263	63,884	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	55,512	85,251	91,106	Yes	Yes	Yes	Master's degree	Yes	Yes	Master's degree
19-3093	Historians	35,427	70,765	96,322	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3094	Political Scientists	37,848	94,521	128,324	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	65,000	84,990	89,939	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	29,394	40,289	47,986	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	33,534	44,280	43,938	No	No	No	Associate's degree	No	No	No
19-4021	Biological Technicians	29,435	41,311	47,872	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	33,302	48,080	53,639	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	28,547	42,217	48,277	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	31,156	40,062	43,772	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	34,216	57,071	75,026	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-4051	Nuclear Technicians	38,478	62,499	79,337	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	32,595	49,609	59,253	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	35,702	49,296	58,157	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	36,150	52,190	61,651	Yes	No	No	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	50,208	56,659	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	38,286	70,930	85,737	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	40,218	62,981	74,214	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	36,421	52,187	58,556	Yes	No	No	Master's degree	No	Yes	Yes
21-1013	Marriage and Family Therapists	36,879	44,596	48,201	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	20,800	43,648	46,974	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	35,377	54,764	64,236	Yes	No	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	30,202	43,119	44,604	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	35,877	50,626	57,154	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	36,432	53,776	62,623	Yes	No	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	30,311	46,563	53,876	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	38,077	56,285	72,821	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	31,200	63,265	85,014	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,282	41,838	48,069	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	27,526	39,350	45,721	No	No	No	Some college, no degree	No	No	Yes
21-1094	Community Health Workers	31,017	45,732	59,987	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	29,120	47,997	51,249	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	32,414	57,737	63,635	No	Yes	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	27,921	61,218	75,895	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	29,556	48,505	63,992	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	55,994	145,088	175,989	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
23-1012	Judicial Law Clerks	37,158	45,160	45,802	Yes	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	41,961	92,228	114,527	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	32,973	60,266	68,013	No	Yes	Yes	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	156,374	412,226	114,527	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	No
23-2011	Paralegals and Legal Assistants	35,422	53,519	58,778	Yes	No	No	Associate's degree	No	No	No
23-2093	Title Examiners, Abstractors, and Searchers	26,318	49,321	60,410	No	No	No	High school diploma or equivalent	No	Yes	Yes
23-2099	Legal Support Workers, All Other	29,000	72,046	99,902	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	47,236	84,507	98,955	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	47,229	86,065	100,088	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	47,745	72,922	77,739	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	24,667	70,782	90,457	No	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	46,311	88,892	122,292	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	46,738	54,764	59,413	Yes	No	No	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	59,808	87,528	96,815	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	44,225	61,357	74,603	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	46,075	63,316	61,348	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	40,836	73,006	69,874	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,831	71,247	88,823	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	50,461	63,750	77,135	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	46,075	83,952	98,634	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,856	65,983	75,754	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	48,417	57,927	54,639	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	46,075	63,316	61,348	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	46,442	63,186	57,952	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	49,968	81,846	93,194	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	47,157	99,304	118,601	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	48,202	63,176	75,608	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	46,046	86,622	97,656	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-1072	Nursing Instructors and Teachers, Postsecondary	48,051	77,936	95,691	Yes	Yes	Yes	Master's degree	No	No	Yes
25-1081	Education Teachers, Postsecondary	48,319	73,846	84,171	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	61,318	74,431	77,263	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	46,846	58,859	61,327	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	61,659	131,727	167,089	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	60,324	69,191	76,030	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	47,629	104,282	127,618	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	37,377	63,383	81,184	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	48,112	65,123	79,940	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	39,076	66,082	79,714	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	46,060	52,309	48,729	Yes	No	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	49,307	68,077	79,711	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	37,336	73,540	84,424	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	43,349	73,963	78,018	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	35,835	61,663	76,478	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	38,218	66,707	79,062	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,113	30,432	34,652	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	30,701	50,086	58,250	No	No	No	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	46,739	51,644	58,284	Yes	No	No	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	46,996	50,093	51,823	Yes	No	No	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	48,677	55,645	58,986	Yes	Yes	No	Bachelor's degree	No	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	47,596	54,180	58,675	Yes	No	No	Bachelor's degree	No	No	No
25-2032	Career/Technical Education Teachers, Secondary School	47,247	55,137	59,231	Yes	Yes	No	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	29,525	45,870	49,530	No	No	No	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	49,649	54,019	58,732	Yes	No	No	Bachelor's degree	Yes	No	No
25-2057	Special Education Teachers, Middle School	37,932	48,852	50,395	Yes	No	No	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	40,207	50,614	50,501	Yes	No	No	Bachelor's degree	No	No	No
25-2059	Special Education Teachers, All Other	38,432	78,737	80,535	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	39,541	66,409	81,454	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,495	41,257	50,488	No	No	No	Some college, no degree	No	No	Yes
25-3031	Substitute Teachers, Short-Term	23,325	49,398	58,668	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	21,233	40,881	48,472	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	47,411	76,679	80,634	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	28,902	46,281	55,266	No	No	No	Master's degree	No	No	No
25-4012	Curators	32,871	55,090	66,316	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	33,723	44,195	46,822	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	36,411	53,270	60,013	Yes	No	No	Master's degree	No	No	No
25-4031	Library Technicians	28,787	38,463	45,628	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,981	46,626	57,333	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	38,367	76,276	97,425	Yes	Yes	Yes	Master's degree	No	No	Yes
25-9044	Teaching Assistants, Postsecondary	22,653	34,016	40,915	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,976	27,912	29,691	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	30,389	49,644	59,259	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	49,670	101,642	122,378	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	28,057	42,949	57,203	No	No	No	Some college, no degree	No	Yes	Yes
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	34,756	47,132	47,609	Yes	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	47,911	65,615	69,942	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	26,463	47,528	53,960	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	31,700	56,461	75,978	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	37,428	55,441	61,738	Yes	Yes	No	Bachelor's degree	No	No	No
27-1023	Floral Designers	23,704	32,591	35,318	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	31,200	55,899	64,587	No	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	27,849	61,453	71,801	No	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,617	37,222	39,840	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	36,676	42,708	44,630	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	29,723	62,282	85,491	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	29,640	33,803	31,579	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	35,998	75,490	94,130	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	36,314	263,613	205,844	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
27-2022	Coaches and Scouts	24,115	57,566	62,378	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,882	45,583	45,819	No	No	No	Some college, no degree	No	Yes	Yes
27-2031	Dancers	29,640	33,803	31,579	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,640	33,803	31,579	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	36,178	68,553	83,393	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,640	33,803	31,579	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,847	59,734	59,153	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,847	59,734	59,153	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	22,863	59,227	58,857	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	37,440	80,843	103,053	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	34,192	63,754	74,984	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	36,258	67,842	83,202	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	50,028	75,567	86,154	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	35,674	62,196	77,230	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	38,213	60,116	80,441	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	32,781	48,826	54,496	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
27-3099	Media and Communication Workers, All Other	29,806	52,469	59,256	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	37,131	52,771	62,363	Yes	Yes	Yes	Associate's degree	No	No	No
27-4012	Broadcast Technicians	27,650	63,578	81,345	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	37,342	49,097	59,358	Yes	No	No	Associate's degree	No	No	No
27-4015	Lighting Technicians	36,897	52,168	60,649	Yes	No	No	Associate's degree	No	No	No
27-4021	Photographers	28,661	40,758	47,177	No	No	No	Some college, no degree	No	No	Yes
27-4031	Camera Operators, Television, Video, and Film	31,816	53,131	58,041	No	No	No	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	33,114	51,089	56,339	No	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	38,623	55,490	60,475	Yes	Yes	No	Associate's degree	No	No	No
29-1011	Chiropractors	63,803	95,242	118,642	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	102,886	189,186	209,511	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	51,694	223,691	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	69,289	168,209	209,511	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	51,694	223,691	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	85,080	274,288	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*



Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	44,574	61,048	71,743	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	61,929	107,914	141,531	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1051	Pharmacists	67,841	123,305	137,758	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	47,889	111,086	131,743	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	45,074	151,372	188,448	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	65,679	90,241	100,643	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	65,522	94,934	103,833	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	61,283	79,138	85,717	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	31,111	54,742	72,676	No	No	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	51,315	67,569	75,509	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	50,491	79,242	98,548	Yes	Yes	Yes	Master's degree	No	No	Yes
29-1128	Exercise Physiologists	36,304	53,581	57,799	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	35,490	64,823	79,851	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	66,642	116,448	133,402	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	62,204	79,096	82,619	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	120,373	171,614	197,013	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	62,115	96,135	110,433	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	87,339	112,790	125,961	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	59,117	85,007	103,253	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	104,000	239,878	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	178,615	481,670	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	88,492	305,841	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	213,547	358,744	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	124,730	243,993	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	119,273	291,760	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	91,864	270,376	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	122,015	271,717	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	157,434	222,415	234,437	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	64,605	147,281	*	Yes	Yes	Yes*	Doctoral or professional degree	No	No	Yes*
29-1223	Psychiatrists	55,242	236,530	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	48,713	325,151	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	99,397	272,689	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	99,397	353,427	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	63,965	315,329	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	63,965	315,329	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	53,282	366,018	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	28,538	49,755	53,721	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	67,907	75,052	75,963	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	57,834	92,709	89,315	Yes	Yes	Yes	Master's degree	Yes	Yes	No
29-2010	Clinical Laboratory Technologists and Technicians	30,972	53,688	71,978	No	No	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	30,423	54,847	76,839	No	No	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	60,186	71,426	78,746	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	65,827	81,726	89,186	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	40,168	60,430	65,104	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
29-2035	Magnetic Resonance Imaging Technologists	60,481	70,808	76,871	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	127,458	134,392	143,050	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	29,696	37,482	38,072	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	40,076	50,887	58,280	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	23,205	29,847	29,592	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,584	37,789	41,495	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	26,480	36,576	39,520	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	37,957	51,715	60,794	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	29,218	38,060	45,414	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	31,644	47,070	60,153	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2061	Licensed Practical and Licensed Vocational Nurses	40,837	54,636	59,289	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	30,775	48,383	58,224	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	28,519	46,485	59,335	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	40,760	75,079	80,215	Yes	Yes	Yes	Master's degree	No	No	No
29-2092	Hearing Aid Specialists	31,678	51,282	67,531	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	30,356	43,823	49,338	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	35,734	79,435	104,526	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	45,543	55,646	60,064	Yes	Yes	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	34,741	79,971	103,097	Yes	Yes	Yes	Master's degree	No	No	Yes
29-9093	Surgical Assistants	28,652	45,220	59,868	No	No	No	Postsecondary nondegree award	Yes	No	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	31,932	66,329	90,544	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-1120	Home Health and Personal Care Aides	23,024	28,188	29,778	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	27,158	34,003	36,825	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	24,742	30,004	31,026	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	26,014	30,886	35,352	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	54,148	74,107	93,598	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,463	55,128	67,232	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	51,045	70,481	80,692	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	26,043	34,223	37,075	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	29,690	49,160	51,556	No	No	No	Postsecondary nondegree award	No	Yes	No
31-9091	Dental Assistants	35,960	41,480	45,727	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	30,827	37,077	37,842	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	29,120	37,902	45,091	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	22,422	32,583	34,685	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	26,559	36,115	39,863	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	27,109	33,028	36,227	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	30,457	36,943	38,176	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	28,083	43,915	49,264	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	42,099	52,301	58,114	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	63,997	85,346	97,843	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	57,376	84,502	99,006	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	31,729	47,791	56,641	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	38,993	56,816	60,819	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	30,367	51,092	63,980	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
33-2021	Fire Inspectors and Investigators	44,255	63,569	77,947	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	54,774	90,073	101,685	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	44,919	50,838	55,776	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
33-3012	Correctional Officers and Jailers	38,750	48,720	56,659	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
33-3021	Detectives and Criminal Investigators	39,100	73,076	99,195	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	27,040	30,555	28,392	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	33,475	39,747	38,721	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	46,203	62,019	71,763	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	58,769	73,019	59,930	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	27,603	37,234	44,092	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	32,136	54,937	61,922	No	Yes	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,918	35,063	38,005	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,626	31,798	35,108	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	24,990	30,667	31,695	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,905	28,529	32,369	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	22,729	39,976	45,198	No	No	No	High school diploma or equivalent	No	No	No
33-9094	School Bus Monitors	23,135	26,027	26,384	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	24,096	38,359	44,933	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	37,599	65,318	77,995	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,109	41,205	48,380	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,444	25,925	28,134	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	24,556	31,274	35,548	No	No	No	No formal educational credential	Yes	No	Yes
35-2013	Cooks, Private Household	31,835	57,923	71,375	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	27,849	35,415	36,854	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	21,942	28,704	34,262	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	27,539	34,002	37,305	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	23,218	30,069	33,744	No	No	No	No formal educational credential	No	No	No
35-3011	Bartenders	21,268	36,298	45,149	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,084	25,939	28,106	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,242	34,043	37,182	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,052	28,099	30,241	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,553	28,294	30,391	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,844	27,370	29,074	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,539	29,494	31,861	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	22,177	29,147	31,557	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,405	44,117	50,310	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	34,975	53,935	61,787	Yes	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,554	28,831	30,996	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,116	29,671	32,729	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	24,051	29,936	32,671	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	30,727	41,873	46,993	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	27,852	33,579	36,028	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	24,334	38,978	46,781	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	30,559	41,033	43,498	No	No	No	High school diploma or equivalent	Yes	No	No
37-3019	Grounds Maintenance Workers, All Other	29,095	41,946	43,909	No	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	32,475	56,811	69,722	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	30,372	49,327	57,458	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	29,085	46,286	54,516	No	No	No	Some college, no degree	No	Yes	Yes
39-2011	Animal Trainers	28,080	34,295	32,966	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,286	30,210	31,049	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	21,128	34,640	46,783	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	21,089	28,145	30,280	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,469	31,874	37,060	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	20,800	34,887	35,442	No	No	No	No formal educational credential	No	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,562	26,869	29,120	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	23,583	29,274	29,310	No	No	No	No formal educational credential	Yes	No	No
39-3092	Costume Attendants	25,856	38,232	46,579	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	26,616	29,950	30,206	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,773	28,266	29,697	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	32,150	45,947	51,477	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	31,221	39,870	45,763	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	24,094	29,724	32,942	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	35,064	53,875	58,208	Yes	No	No	Associate's degree	No	No	No
39-5011	Barbers	21,492	33,242	36,696	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,460	35,366	42,885	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	37,669	41,135	38,823	Yes	No	No	Postsecondary nondegree award	Yes	No	No
39-5092	Manicurists and Pedicurists	22,487	33,952	36,534	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,800	24,555	26,478	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	26,492	40,601	45,188	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	22,178	29,984	32,797	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	21,460	36,071	39,021	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	22,262	34,080	37,150	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,342	27,140	29,192	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,819	40,198	47,125	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	22,539	32,658	35,304	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	27,120	37,970	45,048	No	No	No	Some college, no degree	No	No	Yes
39-9099	Personal Care and Service Workers, All Other	20,800	32,596	34,323	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,484	49,791	57,894	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	45,277	95,590	108,635	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,418	27,818	30,637	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,892	32,750	33,931	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	23,685	35,643	37,708	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	21,923	36,471	42,740	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,687	32,225	33,513	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	32,421	67,114	70,862	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	36,491	75,654	99,068	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	39,813	81,306	84,874	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	22,746	38,422	39,586	No	No	No	Some college, no degree	No	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	30,985	63,832	76,297	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	40,019	97,028	126,592	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	34,118	69,868	81,198	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	23,421	58,258	94,533	No	Yes	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models	21,630	32,160	34,581	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	37,563	79,752	90,573	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	31,488	55,205	71,187	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	59,987	140,135	169,012	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	20,800	29,724	33,666	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	21,563	36,489	51,914	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,758	45,863	51,184	No	No	No	Some college, no degree	No	Yes	Yes
43-1011	First-Line Supervisors of Office and Administrative Support Workers	36,897	62,568	75,882	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	26,746	31,214	33,329	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,645	30,812	33,734	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,860	48,407	56,772	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	30,962	41,146	43,622	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	30,964	41,213	45,362	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	30,774	45,213	50,274	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,837	31,540	37,523	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	32,422	48,856	57,385	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,325	42,450	48,495	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	31,348	37,630	37,797	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	37,251	47,043	49,670	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	37,242	53,161	56,341	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	32,908	36,755	39,954	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	31,182	40,252	44,962	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	30,069	45,849	51,929	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4051	Customer Service Representatives	27,855	38,851	44,062	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	33,726	34,902	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	25,569	35,989	40,449	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,527	31,724	36,533	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	29,932	38,194	43,622	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	24,255	31,287	34,398	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	31,572	46,910	58,297	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	34,603	40,918	39,879	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	27,130	37,207	40,142	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	29,723	41,938	48,139	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	23,811	31,965	35,360	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	30,626	41,882	48,482	No	No	No	High school diploma or equivalent	Yes	No	No
43-4199	Information and Record Clerks, All Other	28,800	40,232	45,614	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	31,069	47,277	54,088	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-5021	Couriers and Messengers	27,474	33,088	34,858	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	35,771	45,253	48,923	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	29,985	42,379	46,208	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	30,473	42,076	47,931	No	No	No	High school diploma or equivalent	Yes	No	No
43-5051	Postal Service Clerks	39,770	57,747	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	55,511	71,344	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	38,584	51,810	67,163	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	33,863	52,125	61,312	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	26,726	37,486	42,790	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	25,850	35,864	41,169	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	38,711	60,182	67,201	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	28,703	46,512	56,634	No	No	No	Some college, no degree	No	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	29,013	36,643	38,742	No	No	No	Some college, no degree	No	No	No

## Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	27,722	39,395	45,034	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,436	34,654	37,372	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	27,040	32,129	34,723	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	31,802	50,734	64,045	No	No	Yes	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	31,857	43,211	47,390	No	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	26,641	35,271	38,692	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,443	39,364	45,823	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	22,384	32,849	36,642	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	22,163	34,028	37,199	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	35,848	53,289	50,975	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	28,984	41,045	46,556	No	No	No	Some college, no degree	No	No	Yes
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	32,440	57,245	74,158	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	28,708	39,462	40,613	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	26,619	36,657	38,773	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	21,965	25,891	26,934	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,822	35,781	38,054	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,260	29,402	31,288	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	26,553	36,240	47,185	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	27,040	44,958	51,158	No	No	No	No formal educational credential	Yes	Yes	Yes
45-3031	Fishing and Hunting Workers	26,344	35,388	42,355	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	32,209	41,587	49,066	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	38,527	45,770	51,763	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	28,709	33,803	34,734	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Skidders	21,965	25,891	26,934	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	41,600	45,009	46,907	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	46,722	69,862	80,482	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,469	46,104	56,093	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	29,881	44,323	48,907	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	29,292	39,801	43,954	No	No	No	High school diploma or equivalent	No	No	No
47-2031	Carpenters	32,715	46,176	49,433	No	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	35,967	43,298	44,330	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	33,223	44,638	50,346	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	24,232	38,487	47,748	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	33,235	47,354	56,252	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	31,308	44,062	48,825	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	34,571	51,113	56,860	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	22,269	36,868	39,804	No	No	No	No formal educational credential	No	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	31,086	42,296	45,870	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	34,079	47,590	49,017	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	32,320	44,688	48,040	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	22,750	40,248	49,207	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	28,145	41,302	46,360	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,609	49,851	56,577	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	29,277	42,346	46,038	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	30,388	43,658	48,194	No	No	No	High school diploma or equivalent	Yes	No	No
47-2132	Insulation Workers, Mechanical	35,830	48,249	50,218	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	26,911	39,049	43,401	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	29,178	36,391	43,821	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	35,697	42,694	45,986	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	35,062	47,975	57,209	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	28,907	44,080	48,087	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	32,075	43,175	51,515	No	No	No	High school diploma or equivalent	Yes	No	No
47-2181	Roofers	27,570	42,188	48,078	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	35,133	52,869	58,437	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2221	Structural Iron and Steel Workers	35,303	48,092	56,094	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	31,846	43,157	46,623	No	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	31,155	38,010	43,502	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3012	Helpers—Carpenters	28,433	37,561	44,705	No	No	No	No formal educational credential	Yes	No	Yes
47-3013	Helpers—Electricians	24,250	32,534	36,258	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	26,685	32,635	35,649	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	30,313	36,307	37,557	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	29,966	36,833	38,522	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	28,808	38,260	46,033	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	45,245	61,666	76,378	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	52,578	89,097	102,415	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	29,299	37,622	38,242	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	31,158	41,459	46,542	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	29,051	40,122	49,816	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	44,352	53,967	61,269	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	35,276	53,259	60,848	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	32,463	42,149	46,447	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	33,665	48,682	60,167	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	40,288	53,130	55,522	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,736	53,436	61,446	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	36,212	46,792	49,091	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5023	Earth Drillers, Except Oil and Gas	35,132	48,996	49,557	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	52,314	69,742	80,380	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	27,487	39,673	46,853	No	No	No	No formal educational credential	Yes	Yes	Yes

## Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	36,395	41,238	46,846	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	35,279	39,944	44,293	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	36,313	65,874	87,869	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	33,665	48,682	60,167	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers—Extraction Workers	28,922	34,561	37,917	No	No	No	High school diploma or equivalent	No	No	No
47-5099	Extraction Workers, All Other	27,357	44,116	43,122	No	No	No	High school diploma or equivalent	No	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	43,374	68,761	81,089	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	30,041	40,058	47,018	No	No	No	Postsecondary nondegree award	No	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	38,257	62,413	82,207	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	30,527	52,133	62,221	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
49-2091	Avionics Technicians	31,905	79,053	113,914	No	Yes	Yes	Associate's degree	No	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	34,057	46,623	48,787	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	26,241	49,852	59,239	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	39,790	63,342	78,258	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	38,963	62,656	90,491	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	20,800	38,855	45,589	No	No	No	Postsecondary nondegree award	No	No	No
49-2097	Audiovisual Equipment Installers and Repairers	38,214	46,769	53,040	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
49-2098	Security and Fire Alarm Systems Installers	31,970	47,623	59,118	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3011	Aircraft Mechanics and Service Technicians	45,903	80,823	107,735	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-3021	Automotive Body and Related Repairers	30,909	49,888	55,794	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3022	Automotive Glass Installers and Repairers	35,931	47,776	56,992	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3023	Automotive Service Technicians and Mechanics	28,148	47,375	59,699	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	38,035	55,363	63,878	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	34,205	47,702	50,356	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,234	54,104	61,151	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	36,854	52,914	58,838	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	32,578	51,009	60,061	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3052	Motorcycle Mechanics	30,144	48,464	62,466	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	29,924	41,102	46,117	No	No	No	High school diploma or equivalent	No	No	No
49-3091	Bicycle Repairers	23,087	35,988	42,985	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	31,495	48,594	62,763	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-3093	Tire Repairers and Changers	23,164	32,144	34,755	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	31,837	49,004	58,494	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	30,340	56,492	70,799	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	32,225	50,334	60,317	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9031	Home Appliance Repairers	30,396	45,629	50,498	No	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	37,229	55,933	63,825	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9043	Maintenance Workers, Machinery	35,920	56,455	58,773	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
49-9044	Millwrights	40,543	50,022	60,310	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons	25,744	34,118	37,513	No	No	No	High school diploma or equivalent	No	No	No
49-9051	Electrical Power-Line Installers and Repairers	37,689	70,436	94,248	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	35,319	49,140	58,211	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	41,008	53,016	59,708	Yes	No	No	Associate's degree	Yes	No	No
49-9062	Medical Equipment Repairers	33,610	51,844	57,258	No	No	No	Associate's degree	No	No	No
49-9063	Musical Instrument Repairers and Tuners	28,076	41,331	50,710	No	No	No	High school diploma or equivalent	No	No	No
49-9064	Watch and Clock Repairers	24,376	29,001	28,292	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	40,773	58,904	61,135	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	28,879	42,148	47,643	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians	47,531	67,036	77,713	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	29,080	41,951	49,724	No	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	48,941	53,389	52,800	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
49-9094	Locksmiths and Safe Repairers	31,025	43,496	48,172	No	No	No	High school diploma or equivalent	Yes	No	No
49-9095	Manufactured Building and Mobile Home Installers	21,512	30,418	38,487	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	31,566	53,100	60,093	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	46,517	62,332	70,381	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers—Installation, Maintenance, and Repair Workers	24,167	34,970	38,422	No	No	No	High school diploma or equivalent	No	No	No
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,726	41,308	47,165	No	No	No	High school diploma or equivalent	No	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	38,338	66,723	79,624	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	32,544	46,321	54,961	No	No	No	Postsecondary nondegree award	Yes	No	Yes
51-2021	Coil Winders, Tapers, and Finishers	32,711	44,795	47,728	No	No	No	High school diploma or equivalent	Yes	No	No
	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	24,950	39,268	46,305	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	33,670	37,298	41,912	No	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	30,551	42,827	50,225	No	No	No	High school diploma or equivalent	Yes	No	No
51-2051	Fiberglass Laminators and Fabricators	31,343	38,992	45,344	No	No	No	High school diploma or equivalent	Yes	No	No
51-2061	Timing Device Assemblers and Adjusters	24,592	33,557	38,300	No	No	No	High school diploma or equivalent	No	No	No
51-2090	Miscellaneous Assemblers and Fabricators	23,067	34,852	37,815	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	23,885	31,397	35,301	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	27,683	37,404	43,988	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	29,120	36,851	40,429	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughterers and Meat Packers	26,196	27,544	28,588	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	25,274	28,972	31,732	No	No	No	No formal educational credential	Yes	No	No
51-3092	Food Batchmakers	23,829	31,694	34,553	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	26,213	32,207	35,453	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	27,024	33,585	35,661	No	No	No	No formal educational credential	Yes	Yes	Yes
	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	35,284	42,599	51,483	Yes	No	No	High school diploma or equivalent	Yes	No	No

## Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,867	39,452	45,061	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	31,913	40,395	48,250	No	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	30,355	39,026	45,215	No	No	No	High school diploma or equivalent	Yes	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,680	55,384	82,279	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,981	33,427	36,010	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,495	38,320	47,078	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	28,247	46,961	50,332	No	No	No	Postsecondary nondegree award	No	Yes	No
51-4041	Machinists	31,203	48,999	58,228	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	35,360	45,526	52,626	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4052	Pourers and Casters, Metal	29,375	45,927	55,699	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic	46,748	53,964	54,447	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,580	49,726	76,837	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	23,771	37,914	54,976	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	28,697	37,154	37,797	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,530	39,010	40,039	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	40,809	59,240	69,675	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	33,713	47,485	52,375	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	31,397	37,508	39,126	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	31,498	42,677	49,367	No	No	No	High school diploma or equivalent	Yes	No	No
51-4192	Layout Workers, Metal and Plastic	33,419	47,019	51,812	No	No	No	High school diploma or equivalent	Yes	Yes	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	30,391	41,558	46,117	No	No	No	High school diploma or equivalent	Yes	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	34,281	38,887	40,168	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4199	Metal Workers and Plastic Workers, All Other	29,296	38,275	44,875	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	31,724	40,106	45,787	No	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	27,247	37,835	44,124	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	26,990	38,576	44,687	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,545	28,740	31,567	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	24,172	29,643	29,881	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	22,526	32,153	37,097	No	No	No	No formal educational credential	No	No	Yes
51-6041	Shoe and Leather Workers and Repairers	23,577	34,972	37,232	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	26,639	38,487	45,533	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	21,699	29,326	29,896	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	27,991	36,664	38,652	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,713	27,200	27,800	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	23,985	35,259	39,689	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	27,161	31,235	34,010	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,900	33,055	37,572	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	42,232	55,734	58,317	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,580	49,726	76,837	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	31,327	38,802	42,310	No	No	No	High school diploma or equivalent	Yes	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	29,119	35,389	41,343	No	No	No	High school diploma or equivalent	Yes	No	No
51-7011	Cabinetmakers and Bench Carpenters	31,534	42,188	47,490	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	36,933	46,204	50,518	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-7031	Model Makers, Wood	32,534	51,241	59,635	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7032	Patternmakers, Wood	26,738	34,642	38,203	No	No	No	High school diploma or equivalent	No	No	No
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	26,426	34,394	39,057	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	27,102	32,091	32,435	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	47,777	75,381	95,436	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8011	Nuclear Power Reactor Operators	74,022	93,847	103,719	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	48,972	73,869	83,964	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8013	Power Plant Operators	48,226	55,441	61,936	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	33,638	51,028	60,166	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	40,819	53,340	64,298	Yes	No	Yes	Associate's degree	Yes	No	No
51-8091	Chemical Plant and System Operators	34,020	51,290	62,017	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8092	Gas Plant Operators	47,708	61,918	78,018	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	33,790	52,192	63,315	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	29,845	45,450	48,942	No	No	No	High school diploma or equivalent	No	No	No
51-9011	Chemical Equipment Operators and Tenders	26,459	40,584	44,815	No	No	No	High school diploma or equivalent	No	No	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	27,617	37,509	45,357	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	25,340	36,066	42,668	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9022	Grinding and Polishing Workers, Hand	28,344	39,266	44,099	No	No	No	High school diploma or equivalent	No	No	No
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	21,948	32,906	37,672	No	No	No	No formal educational credential	No	Yes	Yes
51-9031	Cutters and Trimmers, Hand	28,627	37,978	43,031	No	No	No	High school diploma or equivalent	No	No	No
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	32,749	38,291	41,944	No	No	No	High school diploma or equivalent	Yes	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	30,182	38,655	43,388	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	27,693	45,408	53,156	No	No	No	Postsecondary nondegree award	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	33,134	49,870	58,946	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	29,888	47,938	51,771	No	No	No	Postsecondary nondegree award	No	Yes	No
51-9081	Dental Laboratory Technicians										

Wages - Workforce Region 12

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	28,630	40,881	49,989	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	28,824	36,552	39,454	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	23,233	35,091	39,437	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	25,224	36,215	42,681	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	31,560	43,169	47,305	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	38,132	49,234	50,822	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	23,405	32,956	37,033	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	29,879	42,230	47,145	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	41,697	61,721	69,016	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	22,900	33,055	37,572	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	23,270	35,319	43,046	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	27,170	45,032	47,964	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	31,200	35,424	38,491	No	No	No	High school diploma or equivalent	Yes	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	30,718	39,251	44,387	No	No	No	High school diploma or equivalent	Yes	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	24,338	38,002	47,678	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	28,578	36,982	39,963	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	22,222	31,858	36,446	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	23,768	33,508	36,932	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	38,305	58,942	76,508	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	33,331	57,976	69,066	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	141,959	242,172	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	24,484	104,064	131,818	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
53-2021	Air Traffic Controllers	83,470	131,283	154,648	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	32,925	46,172	50,325	No	No	No	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	35,584	67,919	77,634	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	25,340	30,172	32,032	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	30,302	37,824	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,163	50,953	58,092	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	27,426	44,330	48,070	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	30,034	34,639	36,543	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	28,724	42,361	52,448	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	22,162	32,032	36,098	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,538	31,185	31,432	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	22,534	32,019	36,176	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	55,689	67,646	73,078	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,687	53,121	51,172	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	38,507	58,228	60,905	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	62,361	70,391	73,127	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,755	41,095	51,615	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	40,603	41,282	40,613	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	28,656	44,815	49,440	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	36,280	61,129	71,691	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	27,757	44,881	48,840	No	No	No	Postsecondary nondegree award	No	No	No
53-5031	Ship Engineers	71,415	96,725	107,649	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,697	31,530	35,801	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,732	28,553	31,212	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	23,239	32,404	36,633	No	No	No	No formal educational credential	No	Yes	Yes
53-6032	Aircraft Service Attendants	30,361	37,298	37,507	No	No	No	High school diploma or equivalent	Yes	No	No
53-6041	Traffic Technicians	30,154	42,631	44,330	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	48,319	90,675	113,907	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,941	32,071	37,484	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,800	29,333	30,870	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	30,713	33,959	34,885	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	38,722	65,955	75,880	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	35,141	46,577	48,505	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	31,746	49,745	50,975	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,617	41,279	44,992	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,556	30,227	33,136	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	26,058	35,667	38,563	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	24,482	38,131	45,718	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	23,330	27,630	29,120	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	26,809	33,395	35,011	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	31,995	33,982	34,015	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	35,975	47,795	54,274	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-7073	Wellhead Pumps	30,211	36,037	33,478	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	29,633	42,115	48,916	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	42,670	59,468	60,383	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	28,990	38,022	39,720	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 12

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	33,920	54,909	62,207	830
No formal educational credential	23,522	32,239	34,858	85
High school diploma or equivalent	30,325	46,572	53,327	237
Some college, no degree	29,426	41,296	45,020	49
Postsecondary nondegree award	31,506	46,450	53,601	90
Associate's degree	39,272	57,438	65,736	68
Bachelor's degree	49,579	91,102	105,629	185
Master's degree	52,095	82,313	94,994	43
Doctoral or professional degree	68,379	150,313	155,125	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	483	347	492	338	482	348
No formal educational credential	36.47%	63.53%	34.12%	65.88%	32.94%	67.06%
High school diploma or equivalent	60.76%	39.24%	77.64%	22.36%	80.59%	19.41%
Some college, no degree	34.69%	65.31%	28.57%	71.43%	18.37%	81.63%
Postsecondary nondegree award	45.56%	54.44%	34.44%	65.56%	38.89%	61.11%
Associate's degree	58.82%	41.18%	50.00%	50.00%	45.59%	54.41%
Bachelor's degree	66.49%	33.51%	67.03%	32.97%	64.86%	35.14%
Master's degree	76.74%	23.26%	62.79%	37.21%	51.16%	48.84%
Doctoral or professional degree	73.97%	26.03%	67.12%	32.88%	63.01%	36.99%



Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	74,798	278,643	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	41,815	113,425	141,469	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	21,181	76,119	113,515	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	70,616	106,273	132,482	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	73,923	152,515	199,992	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	59,005	134,248	162,791	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	52,916	111,839	151,246	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-2033	Fundraising Managers	63,523	120,676	146,930	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	54,609	106,861	130,272	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	49,982	92,751	112,174	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-3021	Computer and Information Systems Managers	97,827	157,898	175,140	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	65,895	153,621	175,884	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	68,283	120,984	150,022	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	96,458	138,405	160,368	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	53,801	127,845	162,461	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	71,338	118,929	148,949	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	76,839	139,876	173,316	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	75,044	132,965	168,985	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,581	86,655	121,066	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-9021	Construction Managers	64,739	114,759	126,402	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	34,867	50,281	56,712	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	55,575	81,465	99,629	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9033	Education Administrators, Postsecondary	59,318	98,900	101,612	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	37,995	79,250	101,358	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9041	Architectural and Engineering Managers	119,766	164,888	177,192	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	34,819	68,428	79,098	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	60,196	115,554	116,773	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	36,127	68,043	81,453	No	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	24,612	71,569	89,867	No	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	57,152	116,607	127,554	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	51,648	102,110	114,026	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9131	Postmasters and Mail Superintendents	88,774	97,743	103,314	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	38,715	74,672	103,447	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	43,050	77,980	92,205	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	49,199	82,627	97,646	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9171	Funeral Home Managers	45,679	78,938	79,982	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	46,781	76,460	92,041	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	64,658	139,453	161,631	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	29,259	93,856	152,910	No	Yes	Yes	Bachelor's degree	No	No	Yes
13-1020	Buyers and Purchasing Agents	41,630	76,755	97,020	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	44,084	66,193	77,938	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	48,255	67,114	76,724	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	39,749	76,034	97,107	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	38,910	64,636	77,587	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	36,982	70,792	85,826	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors										
13-1075	Labor Relations Specialists	20,800	61,012	83,352	No	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	47,336	83,028	101,929	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	50,612	103,599	132,509	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1111	Management Analysts	53,248	94,613	110,949	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1121	Meeting, Convention, and Event Planners	34,116	53,456	64,633	No	No	No	Bachelor's degree	No	No	No
13-1131	Fundraisers	29,612	49,964	62,533	No	No	No	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	38,441	67,150	76,955	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	33,632	68,793	83,237	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	33,594	71,677	85,236	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	38,402	80,285	100,365	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	45,032	79,233	95,930	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	38,551	65,115	63,852	Yes	Yes	No	Bachelor's degree	No	No	No
13-2031	Budget Analysts	48,603	84,851	103,180	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2041	Credit Analysts	56,534	79,643	82,780	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	61,447	84,882	100,599	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	30,574	59,555	95,440	No	Yes	Yes	Bachelor's degree	No	Yes	No
13-2053	Insurance Underwriters	52,416	74,087	85,191	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	40,035	80,894	100,110	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2061	Financial Examiners	43,581	76,616	93,924	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	33,269	47,962	48,274	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	32,661	71,230	80,734	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	30,347	40,784	34,646	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	22,322	45,928	61,407	No	No	No	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	38,503	77,543	98,087	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	62,033	102,787	120,857	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	65,081	105,696	127,483	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	79,176	139,778	194,963	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	47,588	71,086	80,625	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	32,782	54,273	63,218	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	76,732	112,848	135,501	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	52,639	101,407	127,480	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1243	Database Architects	69,259	125,750	155,138	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	61,048	93,988	107,243	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1251	Computer Programmers	51,913	84,560	99,469	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1252	Software Developers	78,444	121,662	137,549	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	48,869	94,983	110,930	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1254	Web Developers	47,039	94,231	128,010	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	33,957	79,233	97,482	No	Yes	Yes	Associate's degree	No	Yes	Yes
15-1299	Computer Occupations, All Other	47,901	85,954	107,682	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2011	Actuaries	69,260	122,285	131,817	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	39,025	92,734	127,525	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	51,071	89,202	107,682	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	39,728	81,777	99,056	Yes	Yes	Yes	Master's degree	No	No	Yes
15-2051	Data Scientists	64,128	107,152	114,989	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	39,728	81,777	99,056	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	46,935	96,714	102,067	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
17-1012	Landscape Architects	37,308	65,328	75,026	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	41,134	75,164	81,451	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	35,166	67,861	78,000	No	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	79,348	123,158	145,974	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	58,021	96,392	120,744	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	73,954	103,672	123,531	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	58,605	103,883	132,919	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	66,909	131,912	171,692	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	64,335	107,518	130,058	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	79,476	111,891	127,143	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	34,684	86,515	113,443	No	Yes	Yes	Bachelor's degree	No	No	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	72,773	104,948	123,531	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	65,591	96,423	102,602	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2121	Marine Engineers and Naval Architects	63,995	100,122	102,491	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2131	Materials Engineers	70,498	109,533	130,998	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	64,620	96,666	117,187	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	45,308	94,373	106,149	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2161	Nuclear Engineers	79,124	114,041	123,603	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	65,562	128,090	153,671	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	65,811	119,913	145,974	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	38,913	62,265	74,664	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3012	Electrical and Electronics Drafters	44,368	65,221	75,407	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	37,392	67,879	84,343	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	38,775	58,721	61,928	Yes	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	51,608	86,575	106,843	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	37,014	51,907	58,009	Yes	No	No	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	40,067	58,359	61,879	Yes	No	No	Associate's degree	No	No	No
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	44,850	69,445	78,441	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	30,625	45,084	50,957	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	46,582	59,224	63,088	Yes	Yes	No	Associate's degree	Yes	No	No
17-3027	Mechanical Engineering Technologists and Technicians	41,270	61,617	64,433	Yes	Yes	No	Associate's degree	Yes	Yes	No
17-3028	Calibration Technologists and Technicians	37,837	52,947	61,067	Yes	No	No	Associate's degree	No	No	No
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	39,000	82,478	114,234	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,949	47,363	59,425	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	36,411	79,650	118,754	No	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	38,713	76,870	105,895	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1013	Soil and Plant Scientists	38,879	81,026	101,056	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1021	Biochemists and Biophysicists	39,123	85,680	107,983	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	35,523	58,421	71,562	No	No	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	31,200	43,811	50,149	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	43,680	70,001	93,226	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	31,866	53,662	59,852	No	No	No	Bachelor's degree	No	No	No
19-1032	Foresters	36,469	58,938	69,406	No	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	56,469	84,987	100,012	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	59,074	109,587	131,239	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	55,035	84,519	90,324	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	76,002	155,457	218,073	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	76,002	155,457	218,073	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	61,074	81,904	88,236	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	51,549	89,603	110,864	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	67,192	113,319	132,569	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,566	66,607	78,067	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	82,576	127,819	145,974	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	42,284	66,548	79,368	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	82,576	118,694	140,878	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	59,104	93,865	114,432	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	36,788	75,977	102,407	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3032	Industrial-Organizational Psychologists	72,616	124,968	151,223	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3033	Clinical and Counseling Psychologists	42,622	114,655	131,350	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	44,577	72,480	79,768	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	48,050	98,119	117,700	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,635	57,269	49,611	No	No	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	41,288	66,871	78,463	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	39,084	61,533	72,792	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	55,035	84,519	90,324	Yes	Yes	Yes	Master's degree	No	Yes	No
19-3093	Historians	35,123	70,158	95,495	No	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	37,523	93,709	127,222	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	62,442	97,966	110,864	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-4012	Agricultural Technicians	29,318	38,996	45,269	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	31,786	51,494	70,938	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	30,792	39,442	45,032	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	34,892	49,918	53,510	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	37,758	48,552	61,498	Yes	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,888	39,718	43,396	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	35,230	55,065	65,855	No	No	No	Associate's degree	No	No	No
19-4051	Nuclear Technicians	38,147	61,962	78,655	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	36,173	58,220	73,657	No	No	Yes	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,418	40,472	45,240	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	36,157	45,898	45,459	No	No	No	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	21,216	45,426	58,552	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	41,879	76,408	95,888	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	42,782	59,536	60,054	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	35,366	50,126	60,242	No	No	No	Master's degree	No	No	No
21-1013	Marriage and Family Therapists	35,443	45,287	46,779	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	21,490	37,395	44,117	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	36,836	56,912	65,456	Yes	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	34,070	48,884	57,734	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	31,967	44,473	50,919	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	35,936	57,300	62,401	No	No	No	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	29,517	47,527	58,068	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	38,418	53,952	66,664	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	31,949	55,817	66,959	No	No	No	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	31,493	43,220	48,313	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	27,726	42,301	46,679	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	30,376	49,512	70,519	No	No	Yes	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	25,463	72,918	80,833	No	Yes	Yes	Bachelor's degree	No	No	No
21-2011	Clergy	34,781	48,372	54,917	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	31,176	53,468	59,887	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	28,586	47,260	59,543	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	57,262	124,660	166,202	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
23-1012	Judicial Law Clerks	36,459	55,269	61,972	No	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	41,601	91,436	113,544	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	41,601	91,436	113,544	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	35,360	54,402	73,840	No	No	Yes	Associate's degree	No	No	Yes
23-2093	Title Examiners, Abstractors, and Searchers	36,827	51,243	55,781	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	30,909	82,921	136,136	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	47,754	87,441	95,735	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	47,064	88,880	110,139	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	46,577	74,206	87,904	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,864	100,470	125,973	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	45,913	88,129	121,242	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	43,845	60,831	73,963	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	51,367	87,094	97,651	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	43,845	60,831	73,963	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	45,679	62,772	60,821	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	38,967	79,709	95,739	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,455	70,636	88,060	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	46,811	62,918	62,177	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	45,679	83,231	97,787	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,445	65,416	75,104	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	45,903	58,128	53,367	Yes	No	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	45,679	62,772	60,821	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	44,323	62,411	57,630	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	46,557	79,933	90,919	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	46,752	98,451	117,583	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	45,259	63,689	74,938	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	46,450	91,631	99,368	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-1072	Nursing Instructors and Teachers, Postsecondary	47,074	78,207	92,460	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	37,015	72,909	83,699	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	47,299	72,450	79,836	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	41,737	56,850	59,445	Yes	No	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	44,274	137,925	203,946	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	59,806	68,597	75,377	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	45,825	85,446	96,129	Yes	Yes	Yes	Master's degree	No	Yes	No
25-1122	Communications Teachers, Postsecondary	44,859	78,187	96,987	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	43,386	67,055	76,802	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	40,108	66,314	76,997	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	41,035	54,333	47,816	Yes	No	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	44,479	65,826	77,153	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	37,015	72,909	83,699	Yes	Yes	Yes	Master's degree	No	No	No

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25-1193	Recreation and Fitness Studies Teachers, Postsecondary	42,977	73,328	77,348	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	35,752	64,510	75,879	No	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	36,245	64,226	75,758	No	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,520	30,169	34,029	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	44,862	50,174	48,845	Yes	No	No	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	45,579	51,588	59,290	Yes	No	No	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	46,100	51,754	59,382	Yes	No	No	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	46,508	64,275	72,841	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	49,822	53,997	59,777	Yes	No	No	Bachelor's degree	No	No	No
25-2032	Career/Technical Education Teachers, Secondary School	47,349	52,230	59,015	Yes	No	No	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	36,928	58,801	74,987	Yes	No	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	31,483	46,227	56,613	No	No	No	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	45,933	62,157	76,665	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	49,801	53,463	60,062	Yes	No	No	Bachelor's degree	No	No	No
25-2059	Special Education Teachers, All Other	28,332	57,933	78,577	No	No	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	36,469	56,118	72,265	No	No	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,856	37,650	44,528	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	21,391	30,468	30,688	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	20,800	34,105	39,028	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	22,910	53,661	66,664	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	28,654	45,884	54,791	No	No	No	Master's degree	No	No	No
25-4012	Curators	25,669	57,172	72,815	No	No	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	29,171	46,040	54,889	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	41,665	53,840	60,047	Yes	No	No	Master's degree	No	No	No
25-4031	Library Technicians	28,297	34,789	43,701	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,732	46,225	56,840	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	43,189	59,754	59,714	Yes	Yes	No	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,674	32,118	39,962	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,958	28,874	29,014	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	29,792	49,194	56,930	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	54,255	86,926	100,360	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	20,742	33,493	38,625	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,820	46,099	46,450	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	43,637	66,781	72,787	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,825	49,708	57,806	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	32,982	65,876	80,295	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	36,518	65,943	77,543	No	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	23,702	32,221	34,754	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	34,088	58,922	65,613	No	Yes	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	31,936	54,106	63,976	No	No	No	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,651	34,831	37,728	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	35,601	45,006	46,596	No	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	28,410	59,738	73,592	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	29,386	33,513	31,308	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	35,702	76,721	93,991	No	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,771	63,201	62,850	No	Yes	No	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	27,974	72,010	80,685	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,703	45,191	45,425	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	29,386	33,513	31,308	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,386	33,513	31,308	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	35,419	59,800	66,576	No	Yes	No	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,386	33,513	31,308	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,659	59,221	58,645	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,659	59,221	58,645	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,659	59,221	58,645	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	35,367	70,675	84,324	No	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	30,975	66,806	79,914	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	36,919	78,003	100,418	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	52,247	82,270	98,689	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	34,511	54,683	56,252	No	No	No	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	37,613	48,334	54,995	Yes	No	No	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	27,601	51,435	62,333	No	No	No	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,800	38,591	45,512	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	36,178	61,265	76,116	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4012	Broadcast Technicians	26,596	62,557	82,655	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	26,381	66,109	98,373	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	29,259	48,079	59,172	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	27,064	39,364	44,681	No	No	No	Some college, no degree	No	No	No
27-4031	Camera Operators, Television, Video, and Film	30,312	45,974	52,842	No	No	No	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	32,352	53,982	63,416	No	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	27,240	65,650	90,324	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	39,280	86,544	94,541	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	96,889	188,199	211,189	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	51,250	221,770	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	68,694	166,764	207,712	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	51,250	221,770	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	51,250	221,770	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	48,621	65,837	74,062	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	54,797	117,490	171,899	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	72,283	121,032	135,503	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	76,974	117,848	134,984	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	45,607	136,137	174,293	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	60,205	80,386	95,902	Yes	Yes	Yes	Master's degree	Yes	No	No
29-1123	Physical Therapists	59,556	94,059	105,699	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	62,099	83,446	87,680	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	29,727	52,957	61,592	No	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	49,365	65,650	74,303	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	51,854	71,372	93,460	Yes	Yes	Yes	Master's degree	No	No	No
29-1128	Exercise Physiologists	38,654	51,757	55,347	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	34,586	60,577	75,026	No	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	77,718	117,395	135,218	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1141	Registered Nurses	51,854	74,069	79,045	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1151	Nurse Anesthetists	119,339	170,140	195,321	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	56,108	87,334	107,533	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1171	Nurse Practitioners	98,647	119,818	129,836	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	60,479	92,714	104,812	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	101,466	292,669	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	176,043	418,360	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	60,752	253,635	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	200,941	338,446	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	160,161	310,980	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	61,681	419,795	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	91,075	268,054	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	137,723	287,354	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	110,129	184,554	205,558	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	96,987	248,454	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	54,338	242,321	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	42,495	218,220	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	171,704	308,144	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	99,524	214,229	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	63,416	312,621	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	63,416	312,621	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	63,416	312,621	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	28,293	49,328	53,260	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	59,488	75,357	79,605	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	27,654	126,495	182,843	No	Yes	Yes	Master's degree	No	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	30,509	53,582	63,074	No	No	No	Associate's degree	No	No	No
29-2031	Cardiovascular Technologists and Technicians	30,004	47,474	62,573	No	No	No	Associate's degree	No	No	No
29-2032	Diagnostic Medical Sonographers	59,592	76,386	82,896	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	64,603	78,704	84,775	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	37,653	59,535	65,283	Yes	Yes	No	Associate's degree	No	No	No
29-2035	Magnetic Resonance Imaging Technologists	55,076	70,830	78,003	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	98,558	124,686	138,608	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	29,233	38,158	42,803	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	37,032	43,426	47,243	Yes	No	No	Postsecondary nondegree award	Yes	No	No
29-2051	Dietetic Technicians	23,240	30,254	32,713	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,020	38,261	42,907	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	27,334	36,313	39,670	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	36,664	45,243	49,848	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-2056	Veterinary Technologists and Technicians	28,869	37,390	42,154	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	29,137	41,554	46,721	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	40,240	51,506	56,589	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	34,963	52,638	60,541	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2081	Opticians, Dispensing	30,131	50,575	60,320	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	75,249	90,199	113,314	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2092	Hearing Aid Specialists	30,440	51,767	65,367	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	31,825	43,358	45,686	No	No	No	Postsecondary nondegree award	Yes	No	No
29-9021	Health Information Technologists and Medical Registrars	31,938	59,188	81,406	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	39,061	50,785	57,500	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	50,186	86,607	100,470	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	29,307	37,868	37,996	No	No	No	Postsecondary nondegree award	No	No	No
29-9099	Healthcare Practitioners and Technical Workers, All Other	30,752	64,333	70,021	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,529	29,183	31,467	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	25,867	31,797	34,644	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	26,154	31,710	34,194	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	26,186	31,747	33,786	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	53,238	66,376	73,022	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,210	54,655	66,655	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	45,081	64,045	73,706	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	21,166	29,303	33,657	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	31,657	51,967	55,715	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	37,150	43,885	46,910	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	30,671	37,835	41,407	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	29,436	34,448	35,768	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	26,237	31,331	29,918	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,956	25,569	23,635	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	26,215	32,342	35,318	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	30,504	36,444	38,266	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	24,747	39,482	46,276	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	41,074	52,850	51,708	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	61,122	84,742	96,527	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	47,961	69,163	78,151	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	27,396	53,251	75,676	No	No	Yes	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	45,410	60,326	67,397	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	30,230	44,193	55,046	No	No	No	Postsecondary nondegree award	No	No	Yes
33-2021	Fire Inspectors and Investigators	44,886	56,923	58,367	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	54,304	89,299	100,812	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	28,469	54,021	63,621	No	No	No	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	21,613	32,449	36,941	No	No	No	High school diploma or equivalent	No	No	No
33-3021	Detectives and Criminal Investigators	40,290	93,596	138,570	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	26,381	28,605	28,771	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	21,904	38,191	45,885	No	No	No	High school diploma or equivalent	No	No	No
33-3051	Police and Sheriff's Patrol Officers	39,315	53,776	59,821	Yes	No	No	Associate's degree	No	No	No
33-3052	Transit and Railroad Police	58,265	72,392	59,416	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	27,610	38,976	43,123	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	28,771	55,418	62,587	No	No	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,679	34,762	37,679	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,853	36,925	41,858	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	25,041	29,469	29,589	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	23,322	26,708	27,477	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	34,420	42,791	46,733	No	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	22,274	26,596	27,776	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	28,386	47,118	55,347	No	No	No	High school diploma or equivalent	No	Yes	Yes
35-1011	Chefs and Head Cooks	35,035	54,321	62,859	No	No	No	Associate's degree	No	No	No
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	28,600	40,421	46,795	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,982	26,168	28,352	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	24,246	31,430	34,354	No	No	No	No formal educational credential	Yes	No	No
35-2013	Cooks, Private Household	31,562	57,426	70,762	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	27,047	32,427	35,912	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	21,897	29,810	33,688	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	26,508	32,713	34,615	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	21,912	29,973	34,967	No	No	No	No formal educational credential	No	No	Yes
35-3011	Bartenders	21,149	34,796	38,144	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,962	24,929	27,030	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,980	32,209	36,087	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,830	26,934	28,552	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,808	27,290	28,927	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,925	26,667	28,986	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,262	28,986	29,261	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	21,649	27,552	28,186	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	28,806	44,001	52,629	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	34,402	52,871	58,535	No	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,256	28,939	30,108	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	22,848	27,799	29,254	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,844	29,679	32,391	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	31,185	41,756	46,006	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	27,450	32,390	35,600	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	23,236	38,544	43,038	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	27,337	38,333	46,020	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	25,195	35,042	35,140	No	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	29,626	54,368	69,402	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	30,689	48,879	55,736	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	30,390	46,125	55,575	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	26,391	36,342	38,440	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	21,493	29,581	31,883	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,947	34,342	46,381	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,908	27,903	30,020	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,293	31,601	36,742	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	31,045	37,523	41,952	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20,918	25,708	27,679	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,985	26,433	28,603	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	25,230	40,528	47,162	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	22,108	29,552	32,313	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,722	28,284	28,332	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,874	45,552	51,035	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,895	37,519	48,254	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	23,074	29,747	32,947	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	33,835	54,157	63,035	No	No	No	Associate's degree	No	No	No
39-5011	Barbers	21,308	32,957	36,381	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,442	36,111	42,475	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	23,567	31,872	33,430	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,293	23,942	25,835	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	27,217	43,390	51,853	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,093	28,947	33,610	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	23,512	33,954	37,614	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	23,051	32,485	31,806	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	22,943	28,837	29,638	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	36,982	45,504	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	24,215	32,929	35,835	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	24,795	36,910	44,582	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	23,032	24,492	23,032	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,265	49,333	57,189	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	40,796	94,386	113,080	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,925	26,350	28,342	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,713	32,469	33,640	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	23,312	36,352	38,539	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	22,320	35,620	39,347	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,373	32,262	34,508	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	31,610	63,962	70,167	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	37,089	61,609	61,775	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	39,612	73,322	80,804	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	22,792	43,502	54,384	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	29,980	66,037	78,691	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	37,440	90,491	119,964	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	31,006	65,598	78,377	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,664	47,894	76,245	No	No	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models	21,444	31,884	34,284	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	48,704	87,575	98,600	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	31,263	66,165	85,527	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	44,847	127,244	165,061	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	23,407	40,424	47,792	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	21,035	34,615	48,703	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	21,500	38,584	40,424	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	36,766	61,522	74,246	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	27,255	30,917	30,689	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,425	30,547	33,445	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,664	47,991	56,284	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	33,135	43,053	48,432	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	30,383	41,203	47,131	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	28,751	43,331	49,681	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,649	31,269	37,201	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	35,241	46,460	52,779	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,040	44,365	54,454	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	31,120	37,844	38,019	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	31,541	44,706	49,502	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	36,352	54,118	58,733	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	32,625	36,440	39,611	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	30,932	41,231	46,276	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	28,166	42,616	49,669	No	No	No	Some college, no degree	No	Yes	Yes
43-4051	Customer Service Representatives	28,037	36,735	40,310	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	38,590	45,739	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	25,473	36,039	38,340	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,061	29,006	29,539	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	28,171	37,036	41,229	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	23,815	30,066	31,425	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	37,655	47,344	58,422	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	35,376	42,372	45,894	No	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	25,016	37,904	46,520	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	31,076	43,458	49,384	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	22,347	31,686	35,334	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	28,933	45,426	63,656	No	No	No	High school diploma or equivalent	No	No	Yes
43-4199	Information and Record Clerks, All Other	30,082	42,743	50,613	No	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	30,879	49,172	59,211	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	24,380	38,003	47,728	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	37,272	42,758	47,431	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	30,424	43,591	49,691	No	No	No	High school diploma or equivalent	Yes	No	No
43-5041	Meter Readers, Utilities	30,584	37,666	40,487	No	No	No	High school diploma or equivalent	Yes	No	No
43-5051	Postal Service Clerks	39,770	55,322	68,307	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	55,408	71,344	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	37,640	50,889	65,523	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	34,088	55,886	65,653	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	28,014	38,640	45,657	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	29,389	38,994	39,936	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	38,062	61,740	76,100	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	24,991	43,528	50,149	No	No	No	Some college, no degree	No	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	29,048	36,770	37,762	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,078	39,698	46,921	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	27,748	37,449	40,603	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	23,181	32,840	36,264	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	25,083	48,821	58,996	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	22,031	36,524	46,490	No	No	No	High school diploma or equivalent	No	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	24,410	33,809	39,499	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	27,151	40,979	47,834	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	27,967	35,623	35,671	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	27,513	34,010	35,620	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	34,596	44,859	49,728	No	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	36,358	45,947	51,000	No	No	No	Some college, no degree	Yes	Yes	Yes
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	29,718	53,962	67,416	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	26,381	38,225	40,655	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	26,391	36,342	38,440	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	21,776	25,669	26,703	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,601	35,474	37,728	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	22,205	27,483	28,635	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	26,118	35,084	41,991	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,957	34,810	40,898	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	26,118	35,084	41,991	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,932	41,230	48,645	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	38,196	45,377	51,318	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	27,874	40,079	47,386	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,776	25,669	26,703	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	40,596	43,991	45,542	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	39,864	68,627	77,884	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,293	45,708	55,611	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	29,403	42,671	49,078	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	28,440	45,347	56,304	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	32,127	45,460	50,211	No	No	No	Postsecondary nondegree award	Yes	Yes	No
47-2041	Carpet Installers	20,293	33,162	36,352	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	32,937	44,255	49,913	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,698	38,391	47,816	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	32,075	44,013	47,265	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	32,202	44,296	49,388	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	34,274	50,674	56,372	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	28,460	39,113	43,364	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	28,694	39,177	43,548	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	33,786	47,181	48,596	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	32,289	44,549	49,355	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	22,074	38,106	46,736	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,903	40,947	45,962	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,887	50,034	57,409	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	27,903	40,947	45,962	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	28,566	42,430	47,142	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	35,523	47,835	49,786	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	29,490	41,389	44,670	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,927	36,079	43,445	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	30,276	38,833	43,728	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	36,949	49,932	57,513	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	25,781	40,154	46,623	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	34,391	45,786	53,747	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-2181	Roofers	25,686	38,478	46,909	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	34,598	48,729	59,280	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2221	Structural Iron and Steel Workers	36,623	52,711	62,566	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	34,664	42,411	45,669	No	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,293	33,484	37,230	No	No	No	No formal educational credential	No	Yes	No
47-3012	Helpers—Carpenters	27,904	32,682	34,835	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	29,807	34,852	36,965	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	26,248	29,946	30,639	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	30,226	36,512	39,737	No	No	No	High school diploma or equivalent	Yes	No	No
47-3016	Helpers—Roofers	29,152	35,367	37,591	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	28,449	33,649	37,211	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	39,399	62,041	75,569	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	47,601	82,548	100,509	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	28,401	39,123	45,396	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	30,490	48,559	63,318	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4051	Highway Maintenance Workers	29,752	37,925	42,619	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	43,972	53,504	60,743	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30,389	41,349	45,011	No	No	No	High school diploma or equivalent	Yes	No	No
47-4090	Miscellaneous Construction and Related Workers	32,075	41,672	45,031	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	33,376	48,264	59,650	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	39,942	52,674	55,045	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,420	52,977	60,918	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	32,323	44,703	50,762	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	34,001	48,206	50,108	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	51,864	69,143	79,689	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,791	39,269	43,445	No	No	No	No formal educational credential	Yes	Yes	Yes



Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining										
47-5049	Underground Mining Machine Operators, All Other										
47-5051	Rock Splitters, Quarry	36,001	65,309	87,114	No	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	33,376	48,264	59,650	No	No	No	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	28,674	34,264	37,591	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	27,123	43,737	42,752	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	40,451	68,612	82,533	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	35,048	39,397	43,659	No	No	No	Postsecondary nondegree award	Yes	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	37,250	57,289	70,187	Yes	No	Yes	Associate's degree	No	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	31,837	54,687	67,182	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	44,813	63,444	75,694	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	35,615	45,201	47,474	No	No	No	High school diploma or equivalent	Yes	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	39,103	54,889	62,070	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	43,378	58,235	66,685	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	38,967	58,967	74,587	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	32,401	43,279	47,396	No	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	37,279	45,972	49,328	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	34,268	49,597	59,013	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-3011	Aircraft Mechanics and Service Technicians	39,818	63,022	73,362	Yes	Yes	Yes	Associate's degree	No	Yes	
49-3021	Automotive Body and Related Repairers	30,341	44,618	45,902	No	No	No	Postsecondary nondegree award	No	No	
49-3022	Automotive Glass Installers and Repairers	32,713	45,142	53,474	No	No	No	High school diploma or equivalent	Yes	No	
49-3023	Automotive Service Technicians and Mechanics	28,893	45,388	58,515	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	36,442	52,606	60,110	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	30,176	46,450	48,313	No	No	No	High school diploma or equivalent	Yes	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	36,548	56,590	66,685	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	36,537	52,460	58,333	No	No	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	31,211	50,794	59,636	No	No	No	Postsecondary nondegree award	No	Yes	
49-3052	Motorcycle Mechanics	29,084	44,879	57,572	No	No	No	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	29,155	37,537	41,960	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	22,888	35,679	42,616	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	28,824	47,749	51,716	No	No	No	High school diploma or equivalent	No	No	
49-3093	Tire Repairers and Changers	23,790	32,518	35,363	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	30,440	44,918	53,035	No	No	No	High school diploma or equivalent	Yes	No	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	29,844	46,074	53,006	No	No	No	Postsecondary nondegree award	No	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	35,245	47,731	57,616	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	27,051	38,673	46,437	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	35,724	51,946	60,556	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	31,161	53,611	64,278	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	49,385	65,094	67,625	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons	25,522	33,825	37,191	No	No	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	38,571	71,392	89,745	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	36,430	49,140	58,733	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	39,269	52,186	58,216	Yes	No	No	Associate's degree	No	No	
49-9062	Medical Equipment Repairers	32,203	46,011	55,241	No	No	No	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	28,959	38,019	41,861	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	24,166	28,752	28,049	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	45,505	56,336	61,909	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	28,567	40,107	46,071	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians	47,123	66,460	77,046	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	27,224	38,369	45,036	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	38,586	51,972	55,669	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	30,455	43,294	57,480	No	No	No	High school diploma or equivalent	Yes	No	
49-9095	Manufactured Building and Mobile Home Installers	21,327	30,157	38,157	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	36,400	56,656	62,849	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	46,118	61,796	69,777	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	28,951	36,170	39,996	No	No	No	High school diploma or equivalent	Yes	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	28,443	42,202	45,727	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	41,463	70,417	86,823	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	33,074	48,627	59,696	No	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	20,800	33,822	47,300	No	No	No	High school diploma or equivalent	No	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	27,157	37,797	41,962	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	32,849	42,411	47,084	No	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	29,792	45,678	52,101	No	No	No	High school diploma or equivalent	No	No	
51-2051	Fiberglass Laminators and Fabricators	28,807	37,781	44,312	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters	24,381	33,269	37,972	No	No	No	High school diploma or equivalent	No	No	
51-2090	Miscellaneous Assemblers and Fabricators	26,116	35,357	37,958	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	26,453	32,011	36,480	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	29,136	39,369	44,299	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	24,673	37,200	41,562	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	25,971	27,308	28,342	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	24,283	36,147	35,493	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	25,649	34,880	40,596	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	24,498	31,240	34,596	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	26,581	33,355	37,148	No	No	No	No formal educational credential	Yes	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	30,459	39,503	43,796	No	No	No	High school diploma or equivalent	Yes	No	

## Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,610	39,113	44,674	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	29,932	40,908	44,186	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	27,268	36,017	41,252	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,425	54,908	81,572	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,386	33,932	35,828	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,259	37,991	46,674	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	35,836	54,893	72,140	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4041	Machinists	35,075	49,790	58,886	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	38,206	48,713	49,621	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	29,123	45,533	55,221	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic	32,254	50,801	59,123	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,352	49,299	76,177	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	22,713	39,230	53,640	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	27,524	35,363	39,077	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,440	37,142	37,572	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	49,896	66,986	76,856	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	32,681	46,238	50,267	No	No	No	Postsecondary nondegree award	Yes	Yes	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	25,294	32,574	35,624	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,352	39,786	46,245	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	33,132	46,616	51,367	No	No	No	High school diploma or equivalent	Yes	Yes	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	29,772	38,164	44,094	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,869	35,952	37,952	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	28,817	37,001	39,520	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	31,204	39,471	44,439	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	25,121	36,867	42,996	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	23,305	36,090	39,519	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,187	25,941	28,033	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	23,259	27,942	28,781	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	22,733	32,421	35,412	No	No	No	No formal educational credential	No	Yes	Yes
51-6041	Shoe and Leather Workers and Repairers	22,986	32,176	36,323	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	26,410	38,157	45,142	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	21,513	29,074	29,640	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	27,903	34,518	36,284	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,518	26,966	27,562	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	27,074	32,371	35,523	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,927	30,966	33,718	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,703	32,771	37,250	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,967	57,435	81,689	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,352	49,299	76,177	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	27,376	37,093	41,845	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,693	33,337	37,181	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	31,527	39,648	43,218	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	30,010	44,655	52,489	No	No	No	High school diploma or equivalent	No	No	No
51-7031	Model Makers, Wood	32,254	50,801	59,123	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7032	Patternmakers, Wood	26,352	49,299	76,177	No	No	No	High school diploma or equivalent	No	No	No
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	25,522	33,825	37,191	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	25,435	33,591	37,601	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,869	31,815	32,157	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	47,367	74,733	94,617	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	52,362	86,597	101,192	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	47,367	74,733	94,617	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	47,064	61,465	66,460	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	30,412	46,534	51,597	No	No	No	Postsecondary nondegree award	No	Yes	No
51-8091	Chemical Plant and System Operators	40,820	60,470	65,465	Yes	Yes	No	Associate's degree	Yes	Yes	No
51-8092	Gas Plant Operators	33,728	50,850	61,484	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	41,051	62,272	81,519	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	39,357	56,499	63,338	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	29,357	44,252	46,371	No	No	No	High school diploma or equivalent	No	No	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	27,610	41,718	48,440	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,428	35,029	34,072	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	29,423	35,111	38,298	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	26,641	39,948	46,195	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	21,415	34,791	39,084	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	28,581	41,083	50,980	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	27,044	37,289	44,079	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29,923	38,323	43,016	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	30,804	47,380	57,769	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	25,181	39,800	48,499	No	No	No	High school diploma or equivalent	No	No	No
51-9081	Dental Laboratory Technicians	29,792	53,128	59,853	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 13

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	27,698	39,328	48,674	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	30,299	42,466	50,796	No	No	No	High school diploma or equivalent	Yes	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	24,475	32,637	35,281	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	24,605	35,045	41,435	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	29,527	44,156	47,308	No	No	No	High school diploma or equivalent	No	No	No
51-9141	Semiconductor Processing Technicians	37,152	46,752	49,582	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	22,839	34,537	37,191	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	30,869	44,942	51,813	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	37,442	61,235	74,880	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	22,703	32,771	37,250	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	25,425	35,181	46,118	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,937	44,645	47,552	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	28,518	34,010	37,484	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	28,849	40,229	45,185	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	28,469	43,396	51,123	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	28,332	36,664	39,620	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	22,626	29,482	33,302	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	29,340	51,700	74,317	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
53-1041	Aircraft Cargo Handling Supervisors	36,937	55,699	60,762	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	35,440	54,053	61,381	No	No	No	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	106,275	264,123	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	51,365	105,356	145,118	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	80,392	85,850	92,581	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	78,011	123,281	153,418	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	34,352	67,592	77,182	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	25,122	29,913	31,757	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	30,826	35,565	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,480	48,525	56,772	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	23,765	43,331	48,323	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	31,566	32,600	32,936	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	28,508	40,742	51,172	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	23,077	30,064	31,200	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,361	30,918	31,162	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	22,548	36,370	48,202	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	55,211	67,065	72,450	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,415	52,665	50,733	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	38,176	57,728	60,382	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	61,826	69,787	72,499	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,508	40,742	51,172	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	40,254	40,928	40,264	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	28,410	44,430	49,016	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	37,806	91,482	122,507	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	27,796	44,323	51,943	No	No	No	Postsecondary nondegree award	No	No	No
53-5031	Ship Engineers	70,801	95,895	106,724	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,493	31,259	35,493	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,458	26,874	29,006	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	24,158	31,432	35,411	No	No	No	No formal educational credential	Yes	No	Yes
53-6032	Aircraft Service Attendants	31,200	33,783	31,200	No	No	No	High school diploma or equivalent	Yes	No	No
53-6041	Traffic Technicians	32,500	49,151	57,698	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	62,376	81,629	79,914	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,761	31,796	37,162	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,293	29,991	31,776	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	28,820	33,786	34,937	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	35,286	65,339	80,923	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,840	46,177	48,089	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	31,474	49,318	50,538	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,524	45,440	59,518	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,459	30,763	33,456	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,821	35,334	37,129	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	28,332	36,664	39,620	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	22,972	25,990	26,392	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	25,374	33,522	36,439	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,952	35,728	33,191	No	No	No	High school diploma or equivalent	No	No	No
53-7072	Pump Operators, Except Wellhead Pumps	32,020	45,035	50,557	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps	29,952	35,728	33,191	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	27,774	38,036	46,254	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	42,303	58,957	59,865	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	34,907	58,550	82,250	No	No	Yes	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 13

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	36,563	58,859	67,339	824
No formal educational credential	23,574	31,461	34,470	82
High school diploma or equivalent	30,016	45,799	52,835	237
Some college, no degree	28,315	42,358	48,007	49
Postsecondary nondegree award	31,793	45,207	52,581	89
Associate's degree	40,402	59,959	70,152	68
Bachelor's degree	53,454	95,193	110,960	183
Master's degree	57,199	83,699	97,088	43
Doctoral or professional degree	75,267	154,598	154,715	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	523	301	504	320	500	324
No formal educational credential	41.46%	58.54%	35.37%	64.63%	34.15%	65.85%
High school diploma or equivalent	68.78%	31.22%	79.75%	20.25%	79.75%	20.25%
Some college, no degree	32.65%	67.35%	28.57%	71.43%	30.61%	69.39%
Postsecondary nondegree award	44.94%	55.06%	33.71%	66.29%	38.20%	61.80%
Associate's degree	67.65%	32.35%	51.47%	48.53%	51.47%	48.53%
Bachelor's degree	71.04%	28.96%	70.49%	29.51%	69.95%	30.05%
Master's degree	81.40%	18.60%	67.44%	32.56%	60.47%	39.53%
Doctoral or professional degree	80.82%	19.18%	67.12%	32.88%	61.64%	38.36%

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	94,360	297,589	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	39,227	109,513	136,567	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	74,053	107,315	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	66,061	144,613	170,175	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	72,704	148,555	177,703	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	60,534	140,554	168,575	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	59,987	119,003	144,573	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	66,548	125,366	150,215	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	49,952	110,663	132,787	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	50,762	96,995	119,329	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	98,371	156,350	171,719	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	67,619	158,494	198,880	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	63,678	113,477	131,333	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	79,796	135,731	161,702	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	52,159	110,388	139,002	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	77,990	131,007	165,815	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	68,290	137,907	169,088	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	62,036	122,820	149,860	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,583	86,663	121,076	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-9021	Construction Managers	64,139	129,379	160,312	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	35,868	46,021	53,705	Yes	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	60,723	91,571	106,742	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	62,053	95,022	100,146	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	42,650	71,546	94,370	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9041	Architectural and Engineering Managers	103,586	162,305	175,220	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	35,360	74,491	93,427	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	60,201	115,563	116,783	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	39,838	90,110	94,430	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	40,560	100,829	139,412	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9111	Medical and Health Services Managers	52,600	123,621	130,000	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	51,005	106,016	137,855	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	75,234	98,394	110,718	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	34,153	65,017	76,905	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	47,181	74,940	84,928	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	49,964	85,886	112,124	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
11-9171	Funeral Home Managers	45,683	78,945	79,989	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	47,938	79,885	95,395	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	62,026	138,169	162,006	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	31,115	108,546	145,585	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	39,383	71,670	83,866	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	47,885	73,546	86,070	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	61,938	72,429	78,639	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	42,400	69,501	76,495	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	39,054	68,182	82,226	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	39,286	67,538	80,897	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors										
13-1075	Labor Relations Specialists	47,904	108,204	160,647	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1081	Logisticians	42,964	78,143	95,799	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	50,957	95,281	118,540	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	43,277	85,691	102,119	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1121	Meeting, Convention, and Event Planners	32,009	54,938	65,283	No	No	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	30,100	62,263	81,099	No	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	45,769	70,514	79,162	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	35,494	65,325	80,212	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	36,659	70,824	84,017	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	36,330	70,432	84,124	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	46,753	80,178	95,985	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	34,319	63,239	77,540	No	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	50,856	86,895	104,784	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	52,608	84,682	95,190	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	56,153	91,391	98,708	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	35,554	96,500	100,974	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
13-2053	Insurance Underwriters	46,709	70,026	80,827	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	49,362	105,576	115,698	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	47,639	77,814	93,381	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	36,485	47,489	48,333	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	35,969	70,105	83,222	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	30,181	43,122	39,782	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	24,941	48,057	78,474	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	33,474	57,467	62,143	No	Yes	No	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	56,602	95,816	108,283	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	62,850	108,213	130,087	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	77,257	128,716	173,081	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	45,759	72,913	80,330	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	36,784	62,199	76,587	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	64,603	113,196	133,780	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	51,403	100,250	126,509	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	89,857	131,986	145,599	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	49,876	90,654	109,059	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
15-1251	Computer Programmers	45,612	87,847	104,799	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1252	Software Developers	60,160	111,429	134,854	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	49,628	88,167	105,679	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1254	Web Developers	47,710	92,360	127,188	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	43,534	76,785	94,529	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	26,554	78,600	107,202	No	Yes	Yes	Bachelor's degree	No	No	Yes
15-2011	Actuaries	73,505	125,532	147,850	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	39,028	92,741	127,535	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	49,400	89,590	104,247	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-2041	Statisticians	45,254	99,448	128,606	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	57,291	101,018	123,161	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	39,731	81,784	99,064	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	61,040	96,398	102,203	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-1012	Landscape Architects	37,311	65,334	75,032	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	38,613	63,749	73,741	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	37,440	64,186	72,800	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	82,529	124,932	156,705	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	59,815	105,223	157,205	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	63,077	95,494	106,260	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2051	Civil Engineers	58,018	104,943	130,067	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	47,547	124,883	172,197	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2071	Electrical Engineers	62,032	105,468	133,570	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	76,145	113,303	134,638	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	60,008	100,591	115,206	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	52,444	91,125	108,659	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
17-2112	Industrial Engineers	64,005	94,960	106,572	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2121	Marine Engineers and Naval Architects	50,278	76,115	89,512	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	62,400	90,993	102,491	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2141	Mechanical Engineers	58,774	93,990	103,396	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	45,312	94,380	106,157	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
17-2161	Nuclear Engineers	79,130	114,051	123,613	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	65,568	128,101	153,684	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	54,267	112,606	135,368	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	39,518	58,137	63,240	Yes	Yes	No	Associate's degree	No	No	No
17-3012	Electrical and Electronics Drafters	48,244	67,358	76,689	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	38,126	62,042	76,067	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	35,257	53,342	58,049	Yes	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	35,457	76,242	104,245	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	44,917	61,745	71,914	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	34,995	50,713	58,407	No	No	No	Associate's degree	No	No	No
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	40,614	55,778	61,950	Yes	No	No	Associate's degree	No	No	No
17-3025	Environmental Engineering Technologists and Technicians	30,628	45,088	50,961	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	44,770	57,351	61,636	Yes	No	No	Associate's degree	Yes	No	No
17-3027	Mechanical Engineering Technologists and Technicians	40,990	59,414	67,732	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	46,438	72,091	86,873	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	34,591	68,259	81,661	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,474	45,621	48,585	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	36,413	79,657	118,763	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	51,601	92,640	116,775	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1013	Soil and Plant Scientists	38,882	81,033	101,064	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1021	Biochemists and Biophysicists	38,312	67,938	81,656	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	37,997	75,679	98,634	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1023	Zoologists and Wildlife Biologists	34,320	53,037	58,240	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	37,440	67,085	84,594	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	37,227	90,066	129,958	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1032	Foresters	36,472	58,943	69,412	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	49,462	79,913	83,165	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	56,816	88,407	84,261	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1099	Life Scientists, All Other	55,040	84,526	90,331	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	76,008	155,470	218,091	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	76,008	155,470	218,091	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	67,989	77,417	73,304	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	51,602	76,138	83,103	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2032	Materials Scientists	67,197	113,329	132,579	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,899	65,596	72,923	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	52,348	96,561	119,517	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	42,287	66,553	79,374	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	32,282	73,576	92,581	No	Yes	Yes	Bachelor's degree	No	No	No
19-3011	Economists	65,435	94,244	102,462	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	35,459	78,723	104,115	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3032	Industrial-Organizational Psychologists	72,622	124,979	151,235	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	48,692	109,941	119,995	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	47,727	73,080	78,367	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	26,291	92,694	119,517	No	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,637	57,274	49,615	No	No	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	40,485	73,647	94,163	Yes	Yes	Yes	Master's degree	No	No	Yes

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	39,087	61,538	72,798	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	55,040	84,526	90,331	Yes	Yes	Yes	Master's degree	Yes	Yes	Master's degree
19-3093	Historians	35,126	70,163	95,502	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists	37,526	93,717	127,233	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	66,206	90,925	100,526	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	29,320	38,999	45,273	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	33,498	46,652	50,161	No	No	No	Associate's degree	No	No	No
19-4021	Biological Technicians	31,200	42,064	49,525	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	31,355	50,042	61,230	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	25,419	42,278	46,506	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	35,880	45,954	49,410	Yes	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	35,233	55,069	65,860	Yes	No	Yes	Associate's degree	No	No	No
19-4051	Nuclear Technicians	38,150	61,967	78,662	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	30,023	48,122	55,264	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	33,194	46,034	54,776	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	37,019	59,855	74,779	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	31,351	48,820	58,176	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	38,504	74,272	84,989	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	36,982	56,461	60,959	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	35,643	50,249	59,609	Yes	No	No	Master's degree	No	Yes	Master's degree
21-1013	Marriage and Family Therapists	36,476	45,274	50,644	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	27,920	41,053	43,060	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	29,072	46,291	51,685	No	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	27,040	37,462	39,765	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	30,277	52,982	66,231	No	No	Yes	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	27,844	52,528	60,319	No	No	No	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	31,463	48,345	57,580	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	36,234	64,460	81,994	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	29,747	60,723	81,840	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,282	42,810	46,966	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	28,989	37,760	41,719	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	29,393	47,394	50,078	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	20,800	56,583	58,928	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	34,819	54,505	60,563	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	27,442	45,879	48,137	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	29,301	45,240	57,029	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	60,293	134,112	165,058	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
23-1012	Judicial Law Clerks	39,832	46,992	47,195	Yes	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	41,604	91,444	113,553	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	33,028	61,372	75,442	No	Yes	Yes	Doctoral or professional degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	41,604	91,444	113,553	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	38,432	59,137	65,211	Yes	Yes	Yes	Associate's degree	No	Yes	No
23-2093	Title Examiners, Abstractors, and Searchers	31,713	50,975	57,717	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	28,968	71,656	104,531	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	46,249	83,784	95,698	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	47,068	88,887	110,148	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	46,580	74,213	87,911	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,867	100,479	125,984	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	45,917	88,136	121,251	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	43,848	60,836	73,969	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	51,371	87,102	97,659	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	43,848	60,836	73,969	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	45,683	62,777	60,826	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	38,970	79,716	95,746	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,458	70,641	88,068	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	46,815	62,924	62,182	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	45,683	83,238	97,795	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,449	65,421	75,110	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	45,907	58,133	53,371	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	45,683	62,777	60,826	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	44,327	62,416	57,635	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	46,561	79,940	90,926	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	46,756	98,459	117,593	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	45,263	63,694	74,944	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	48,476	66,197	75,575	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-1072	Nursing Instructors and Teachers, Postsecondary	48,853	79,538	95,682	Yes	Yes	Yes	Master's degree	No	No	Yes
25-1081	Education Teachers, Postsecondary	37,018	72,915	83,706	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	47,302	72,456	79,842	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	41,741	56,855	59,450	Yes	No	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	63,252	199,348	203,962	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1113	Social Work Teachers, Postsecondary	59,811	68,602	75,383	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	45,829	85,453	96,137	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	44,863	78,193	96,995	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	43,390	67,061	76,808	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	40,111	66,319	77,003	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	41,038	54,337	47,820	Yes	No	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	44,483	65,831	77,159	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	37,018	72,915	83,706	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	42,980	73,334	77,354	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	36,451	52,080	64,311	Yes	No	No	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	38,505	62,408	78,251	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,735	30,098	33,534	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	57,841	71,504	74,460	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	46,388	66,913	76,935	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	46,727	66,234	74,576	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	46,512	64,280	72,847	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	50,047	69,403	74,879	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	45,312	67,700	75,028	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	29,505	47,594	48,066	No	No	No	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	47,314	69,314	78,296	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	49,632	67,287	74,779	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	61,168	74,288	79,774	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	27,831	42,094	49,213	No	No	No	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	48,386	57,628	62,712	Yes	Yes	No	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	21,929	36,910	46,485	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	22,324	38,716	35,984	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	22,380	45,446	67,068	No	No	Yes	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	23,263	52,718	69,306	No	No	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	28,657	45,888	54,796	No	No	No	Master's degree	No	No	No
25-4012	Curators	40,598	57,662	70,603	Yes	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	29,940	42,968	47,431	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	43,930	63,115	76,968	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	28,517	38,249	45,093	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,735	46,229	56,845	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	37,981	65,501	76,641	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,675	32,120	39,965	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,604	27,540	28,904	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	38,581	49,797	47,149	Yes	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	51,583	84,968	95,933	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	20,744	33,496	38,628	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	29,120	45,263	43,090	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	40,484	59,252	64,196	Yes	Yes	No	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	26,304	49,639	59,248	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	22,761	53,483	67,181	No	No	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	36,521	65,948	77,549	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	28,058	34,529	36,335	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	35,880	53,427	61,439	Yes	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	36,771	62,981	73,809	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,564	35,876	38,765	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	35,604	45,010	46,600	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	29,690	82,657	80,025	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	29,388	33,516	31,311	No	No	No	Some college, no degree	No	No	No
27-2012	Producers and Directors	38,166	71,413	80,717	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,773	63,206	62,855	No	Yes	No	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	26,377	72,686	78,588	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,823	38,459	43,282	No	No	No	Some college, no degree	No	No	No
27-2031	Dancers	29,388	33,516	31,311	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,388	33,516	31,311	No	No	No	Some college, no degree	No	No	No
27-2041	Music Directors and Composers	36,415	69,086	83,301	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,388	33,516	31,311	No	No	No	Some college, no degree	No	No	No
27-2091	Disc Jockeys, Except Radio	21,661	59,226	58,650	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,661	59,226	58,650	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	23,442	55,273	58,208	No	No	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	40,155	70,290	78,933	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	34,124	63,473	76,185	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	31,668	64,396	76,634	No	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	48,994	73,355	84,098	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	36,186	73,238	84,386	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	34,519	64,170	83,906	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	27,521	49,988	60,909	No	No	No	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	21,124	48,880	61,881	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	31,080	51,285	62,115	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	23,990	54,078	68,313	No	No	Yes	Associate's degree	No	No	Yes
27-4014	Sound Engineering Technicians	26,383	66,114	98,381	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	29,262	48,083	59,177	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	27,481	37,906	46,706	No	No	No	Some college, no degree	No	No	No
27-4031	Camera Operators, Television, Video, and Film	30,783	62,294	65,060	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	33,082	59,798	71,897	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	20,803	47,528	60,809	No	No	No	Associate's degree	No	No	No
29-1011	Chiropractors	64,622	87,880	99,986	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	100,516	160,816	163,287	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	51,254	221,789	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	68,700	166,778	207,729	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	51,254	221,789	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	51,254	221,789	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*



Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	43,664	59,261	70,755	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	35,048	119,899	162,629	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	42,442	120,438	140,005	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	75,988	111,053	129,253	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	61,884	167,467	181,589	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	76,285	91,735	100,370	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	74,257	96,199	102,374	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1124	Radiation Therapists	69,360	94,474	96,678	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	36,694	61,124	75,026	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	57,448	70,696	78,489	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	77,828	94,791	105,345	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	45,308	50,992	58,282	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	34,589	60,582	75,032	No	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	62,816	116,420	132,060	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	61,458	79,426	83,830	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	150,407	167,889	177,613	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	39,238	99,696	114,586	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1171	Nurse Practitioners	57,536	105,344	125,346	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	68,084	86,841	103,104	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	101,474	292,693	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	176,057	418,394	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	60,757	253,655	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	200,957	338,474	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	61,201	138,721	209,026	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1216	General Internal Medicine Physicians	113,193	278,808	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	91,083	268,076	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	60,757	253,655	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	118,724	190,693	232,443	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	183,624	208,712	183,624	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1223	Psychiatrists	55,182	209,820	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	49,644	297,035	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	102,211	274,175	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	99,532	214,246	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	123,915	200,997	202,384	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1243	Pediatric Surgeons	63,421	312,647	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	63,421	312,647	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	28,296	49,332	53,264	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	77,218	80,910	81,794	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	77,230	105,000	113,235	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	31,935	54,581	71,136	No	No	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	30,802	58,122	77,679	No	Yes	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	62,372	77,573	84,033	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	71,987	85,239	85,638	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	48,339	65,781	77,129	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	58,428	72,182	79,040	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	98,566	124,696	138,619	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	33,764	38,363	40,152	No	No	No	Postsecondary nondegree award	Yes	No	No
29-2043	Paramedics	42,644	48,027	46,138	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-2051	Dietetic Technicians	23,241	30,257	32,716	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	29,679	38,029	43,441	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	27,896	37,777	40,828	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	38,158	52,127	60,331	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	29,416	37,861	45,569	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	29,174	40,224	47,292	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	39,590	53,852	60,223	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	30,933	48,447	58,157	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	30,970	49,517	58,616	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	46,218	83,306	95,222	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	31,200	50,892	65,307	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	33,707	46,898	53,685	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-9021	Health Information Technologists and Medical Registrars	37,014	59,077	78,345	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	39,668	52,209	58,604	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	50,191	86,614	100,479	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	40,480	45,228	40,480	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-9099	Healthcare Practitioners and Technical Workers, All Other	31,512	53,343	71,314	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,639	28,781	30,776	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	28,687	35,290	36,688	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	24,941	29,669	31,137	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	26,188	31,750	33,789	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	58,937	67,693	74,081	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,213	54,659	66,661	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	51,955	67,617	76,430	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	23,211	30,182	31,200	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	28,811	55,574	59,651	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	38,821	45,840	46,727	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
31-9092	Medical Assistants	30,114	37,794	41,395	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	31,303	38,287	39,743	No	No	No	High school diploma or equivalent	Yes	No	No
31-9094	Medical Transcriptionists	24,526	32,908	37,007	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,246	35,399	40,895	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	26,958	32,930	36,132	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	30,887	39,194	39,939	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	28,053	41,413	45,988	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	33,280	46,225	50,130	No	No	No	Some college, no degree	Yes	Yes	No
33-1012	First-Line Supervisors of Police and Detectives	62,283	87,621	98,504	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	60,189	85,863	97,308	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	31,212	47,075	55,007	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	38,066	58,001	63,536	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	36,264	56,075	64,179	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	44,554	64,565	77,578	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	54,308	89,307	100,820	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	28,471	54,025	63,626	No	No	No	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	30,867	40,353	46,658	No	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	47,305	71,613	81,245	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	26,383	28,608	28,774	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	29,071	37,149	45,430	No	No	No	High school diploma or equivalent	No	No	No
33-3051	Police and Sheriff's Patrol Officers	47,995	69,114	76,428	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	58,269	72,398	59,421	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	39,150	42,399	44,616	Yes	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	31,155	46,545	47,448	No	No	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,681	34,765	37,682	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,985	31,164	34,808	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	25,083	34,352	39,142	No	No	No	No formal educational credential	Yes	Yes	Yes
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	21,051	27,844	31,248	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	35,277	42,159	45,136	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	22,275	26,598	27,778	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	26,294	39,329	50,972	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	34,823	55,666	64,853	No	No	No	Associate's degree	No	No	No
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	28,050	41,205	48,163	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	22,059	26,572	29,676	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	26,238	34,405	36,370	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	31,564	57,430	70,768	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	27,652	32,801	35,674	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	22,326	29,509	34,006	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	27,510	32,274	35,223	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	24,240	30,447	34,603	No	No	No	No formal educational credential	Yes	No	Yes
35-3011	Bartenders	21,323	34,389	37,252	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,004	26,056	27,883	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,203	32,978	36,368	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	21,471	28,025	30,653	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,039	27,502	30,303	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,562	27,506	28,832	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,431	28,508	29,234	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	23,220	26,443	27,015	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	28,736	45,493	49,830	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	34,937	51,674	59,271	No	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,968	28,875	30,837	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	22,685	28,124	29,930	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,846	29,691	32,394	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	31,287	42,087	46,808	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	27,040	32,550	35,520	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	23,597	35,906	43,127	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	25,602	39,589	47,051	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	28,393	37,877	37,614	No	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	29,906	61,238	72,807	No	Yes	Yes	Some college, no degree	No	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	31,089	55,839	65,663	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	29,483	46,733	56,440	No	No	No	Some college, no degree	No	Yes	Yes
39-2011	Animal Trainers	26,393	36,345	38,443	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,507	30,128	30,613	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,800	25,116	22,598	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,909	27,905	30,023	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,295	31,603	36,745	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	31,047	37,526	41,956	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20,919	25,710	27,681	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,800	26,483	28,402	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	25,232	40,531	47,166	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,334	26,405	28,211	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,724	28,286	28,335	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,876	45,556	51,039	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,325	38,648	46,190	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	23,076	29,749	32,950	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	33,838	54,162	63,041	No	No	No	Associate's degree	No	No	No
39-5011	Barbers	21,310	32,959	36,384	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	22,324	36,013	44,602	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	36,755	42,707	37,877	Yes	No	No	Postsecondary nondegree award	Yes	No	No
39-5092	Manicurists and Pedicurists	22,464	33,720	36,770	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,295	23,944	25,837	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	23,640	42,419	44,667	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,187	30,295	33,016	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	25,830	31,870	35,242	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	21,442	33,474	38,554	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,650	28,229	30,036	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	21,672	39,601	48,206	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	22,962	33,039	35,270	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	24,274	35,822	39,313	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	34,436	42,833	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,104	50,838	56,538	No	No	No	Some college, no degree	No	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	43,549	93,350	108,450	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,935	26,263	28,088	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,714	32,472	33,642	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	24,844	36,616	38,995	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	22,439	38,375	44,816	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,547	33,455	34,714	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	33,425	61,224	63,968	No	Yes	No	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	31,644	78,483	83,266	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	38,468	71,235	78,196	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	21,003	45,126	48,644	No	No	No	Some college, no degree	No	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	31,280	64,681	75,972	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	41,222	94,218	126,790	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	33,280	70,497	81,071	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	23,396	48,529	64,774	No	No	No	No formal educational credential	No	Yes	No
41-9012	Models	21,446	31,886	34,286	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	38,881	72,571	76,980	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	29,994	57,175	63,725	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	40,194	113,210	141,294	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	22,577	31,173	31,960	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	24,132	33,350	32,776	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,733	38,768	40,201	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	37,248	62,934	75,966	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	24,540	31,964	35,192	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,427	30,549	33,447	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,666	47,995	56,289	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	30,890	41,901	45,143	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	33,029	42,781	46,685	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	30,200	44,870	49,789	No	No	No	Some college, no degree	Yes	No	No
43-3041	Gambling Cage Workers	21,651	31,272	37,204	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	36,129	47,776	55,498	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,022	42,706	49,650	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	35,199	39,993	43,983	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	34,574	49,988	60,834	No	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	37,195	51,591	56,181	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	32,628	36,443	39,614	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	33,201	42,949	48,152	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	29,231	41,591	52,961	No	No	No	Some college, no degree	No	No	No
43-4051	Customer Service Representatives	28,085	37,866	40,904	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,539	42,213	50,084	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	26,322	37,526	45,615	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	23,303	29,203	30,131	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	25,728	38,063	45,299	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	25,013	34,024	38,040	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	30,549	46,447	58,142	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	35,379	42,375	45,897	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	29,639	39,322	44,391	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	32,240	42,817	47,780	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	24,091	31,750	35,360	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	27,011	33,057	36,109	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	29,799	42,575	48,445	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	34,611	49,615	54,029	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	29,120	32,941	34,659	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	38,303	47,271	48,170	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	27,794	40,780	45,859	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	29,614	41,008	45,935	No	No	No	High school diploma or equivalent	No	No	No
43-5051	Postal Service Clerks	39,770	57,117	68,307	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,354	56,512	71,344	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	29,453	45,130	69,618	No	No	Yes	High school diploma or equivalent	No	No	Yes
43-5061	Production, Planning, and Expediting Clerks	31,945	54,265	65,741	No	No	Yes	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	28,035	37,429	41,321	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	29,081	37,422	40,228	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	38,030	59,848	69,820	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	31,841	48,203	61,663	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	29,968	37,767	41,224	No	No	No	Some college, no degree	No	No	No

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,772	39,258	46,460	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,779	34,556	36,228	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	24,228	32,103	33,670	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,838	51,191	64,215	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	30,843	46,537	50,277	No	No	No	High school diploma or equivalent	Yes	Yes	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	24,234	33,122	37,708	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	26,241	40,370	46,966	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	24,147	32,956	38,043	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	30,800	33,493	33,653	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	35,816	41,493	35,818	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	20,800	38,397	45,975	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	36,932	57,216	72,504	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	26,383	38,228	40,658	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders										
45-2041	Graders and Sorters, Agricultural Products	21,778	25,671	26,705	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,603	35,477	37,731	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,079	30,686	31,746	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	26,120	35,087	41,995	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	27,040	39,097	41,925	No	No	No	No formal educational credential	Yes	Yes	Yes
45-3031	Fishing and Hunting Workers	26,120	35,087	41,995	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,935	41,234	48,649	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	38,199	45,380	51,322	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	27,876	40,082	47,390	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,778	25,671	26,705	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	40,599	43,995	45,546	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	44,993	69,010	79,879	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,295	45,712	55,615	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	35,945	41,079	47,840	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2022	Stonemasons	29,261	48,189	56,807	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2031	Carpenters	31,993	45,600	50,695	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2041	Carpet Installers	20,295	33,164	36,355	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	36,955	44,891	49,786	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	28,779	45,283	52,000	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	30,618	43,844	47,735	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	30,520	42,108	47,164	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	34,277	50,678	56,377	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	26,602	39,310	44,835	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	29,935	39,428	43,722	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	33,789	47,185	48,600	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	32,824	44,692	49,226	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	21,963	38,070	47,027	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,905	40,951	45,966	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,265	49,570	57,006	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	28,953	41,732	45,971	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	30,323	43,521	49,227	No	No	No	High school diploma or equivalent	Yes	No	No
47-2132	Insulation Workers, Mechanical	35,526	47,839	49,790	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	30,089	40,296	45,751	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,930	36,082	43,448	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	36,846	42,847	47,101	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	36,053	47,756	54,080	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	26,184	42,537	47,924	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	34,394	45,790	53,752	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-2181	Roofers	27,951	42,311	48,145	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	34,849	45,601	52,649	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-2221	Structural Iron and Steel Workers	33,246	42,534	49,586	No	No	No	High school diploma or equivalent	Yes	No	No
47-2231	Solar Photovoltaic Installers	34,667	42,414	45,673	No	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,295	33,486	37,233	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	26,227	33,740	37,243	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	26,560	33,052	35,493	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	26,012	30,686	32,130	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	28,911	37,328	40,447	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	29,154	35,369	37,594	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	28,777	37,138	40,407	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	37,294	59,275	66,923	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	47,724	82,915	102,040	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	28,403	39,126	45,400	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	29,759	39,419	45,156	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	26,300	38,823	45,822	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	43,975	53,508	60,748	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	29,827	46,502	54,171	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	31,766	40,882	43,868	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas	39,946	52,679	55,050	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,423	52,981	60,923	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	32,325	44,707	50,766	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	32,075	49,747	47,859	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	51,869	69,149	79,696	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,793	39,272	43,448	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	34,979	39,604	43,917	No	No	No	No formal educational credential	Yes	Yes	
47-5049	Underground Mining Machine Operators, All Other	34,979	39,604	43,917	No	No	No	No formal educational credential	Yes	Yes	
47-5051	Rock Splitters, Quarry	36,004	65,314	87,121	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	33,379	48,268	59,655	No	No	No	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	28,676	34,267	37,594	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	27,125	43,741	42,756	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	39,889	65,340	77,492	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	25,960	40,768	46,329	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	41,683	63,201	77,036	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	31,058	54,346	61,803	No	No	No	Postsecondary nondegree award	No	Yes	
49-2091	Avionics Technicians	31,907	51,739	58,769	No	No	No	Associate's degree	No	No	
49-2092	Electric Motor, Power Tool, and Related Repairers	30,042	44,522	49,771	No	No	No	High school diploma or equivalent	No	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	47,612	59,072	59,233	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	39,292	52,615	64,046	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	44,886	78,624	98,231	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	37,526	48,930	61,700	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2097	Audiovisual Equipment Installers and Repairers	37,282	45,975	49,332	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	31,198	45,227	53,091	No	No	No	Postsecondary nondegree award	No	Yes	
49-3011	Aircraft Mechanics and Service Technicians	38,757	64,741	75,308	Yes	Yes	Yes	Associate's degree	No	Yes	
49-3021	Automotive Body and Related Repairers	30,508	49,295	48,618	No	No	No	Postsecondary nondegree award	No	No	
49-3022	Automotive Glass Installers and Repairers	32,716	45,146	53,479	No	No	No	High school diploma or equivalent	Yes	Yes	
49-3023	Automotive Service Technicians and Mechanics	29,084	47,087	59,455	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	37,336	53,674	60,866	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	30,179	46,454	48,317	No	No	No	High school diploma or equivalent	No	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	36,189	53,936	62,385	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	36,540	52,464	58,338	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	31,573	49,633	59,872	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	30,160	47,561	57,955	No	No	No	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	25,782	37,056	43,095	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	25,620	35,941	40,579	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	23,654	45,252	47,405	No	No	No	High school diploma or equivalent	No	No	
49-3093	Tire Repairers and Changers	24,459	33,454	36,536	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	30,442	44,922	53,040	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	35,104	52,814	60,025	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	36,614	49,174	57,324	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	20,800	38,270	48,797	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	36,476	55,056	65,165	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	34,725	46,276	51,201	No	No	No	High school diploma or equivalent	Yes	No	
49-9044	Millwrights	39,838	54,591	64,446	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons	25,525	33,828	37,194	No	No	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	37,648	75,635	98,991	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	36,097	48,933	60,230	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	49,827	57,896	59,672	Yes	Yes	No	Associate's degree	Yes	No	
49-9062	Medical Equipment Repairers	30,689	45,977	49,436	No	No	No	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	27,837	40,980	50,278	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	24,168	28,754	28,052	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	39,585	56,308	64,436	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	28,667	40,279	45,963	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians	47,127	66,465	77,052	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	23,767	36,780	44,376	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	38,589	51,976	55,674	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	31,005	42,856	46,607	No	No	No	High school diploma or equivalent	Yes	No	
49-9095	Manufactured Building and Mobile Home Installers	21,329	30,159	38,160	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	36,966	53,004	60,051	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	46,122	61,801	69,783	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	28,088	33,664	37,159	No	No	No	High school diploma or equivalent	No	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,617	39,526	45,357	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	38,633	65,552	78,984	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	32,267	45,927	54,493	No	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	31,988	37,898	43,099	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	26,877	35,462	37,408	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	32,463	47,849	49,689	No	No	No	High school diploma or equivalent	Yes	Yes	
51-2041	Structural Metal Fabricators and Fitters	34,285	46,852	54,145	No	No	No	High school diploma or equivalent	Yes	Yes	
51-2051	Fiberglass Laminators and Fabricators	32,412	38,314	39,258	No	No	No	High school diploma or equivalent	Yes	No	
51-2061	Timing Device Assemblers and Adjusters	24,383	33,272	37,975	No	No	No	High school diploma or equivalent	No	No	
51-2090	Miscellaneous Assemblers and Fabricators	25,641	36,445	40,404	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	24,690	32,945	36,834	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	28,632	42,427	54,995	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	25,428	36,363	39,585	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	25,973	27,310	28,344	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	24,285	36,150	35,496	No	No	No	No formal educational credential	Yes	Yes	
51-3092	Food Batchmakers	23,800	35,935	40,700	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	29,436	32,617	35,415	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	26,971	31,293	34,622	No	No	No	No formal educational credential	Yes	No	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	33,848	42,560	45,056	No	No	No	High school diploma or equivalent	Yes	No	

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,613	39,116	44,678	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	34,177	43,645	46,424	No	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	30,262	38,955	44,042	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,427	54,913	81,579	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,938	38,826	49,060	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,942	39,335	48,378	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	27,562	38,351	38,268	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	35,361	47,180	52,162	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	38,209	48,717	49,625	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	29,125	45,536	55,225	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic	47,682	54,429	60,601	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,354	49,303	76,183	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	22,715	39,233	53,645	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	25,075	37,521	40,560	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	32,028	37,010	37,480	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	41,286	56,922	64,851	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	33,305	44,452	49,557	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	25,766	33,523	37,938	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,290	32,889	33,280	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	33,135	46,619	51,371	No	No	No	High school diploma or equivalent	Yes	Yes	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	30,425	39,074	44,870	No	No	No	High school diploma or equivalent	Yes	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	27,501	33,990	38,895	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	28,556	39,779	46,868	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	31,690	44,362	49,399	No	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	30,112	38,736	41,600	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	30,471	38,881	44,901	No	No	No	High school diploma or equivalent	Yes	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,400	27,639	29,669	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	23,261	27,944	28,783	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	22,929	31,091	34,728	No	No	No	No formal educational credential	No	No	Yes
51-6041	Shoe and Leather Workers and Repairers	22,988	32,179	36,326	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	26,412	38,160	45,146	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	21,514	29,076	29,642	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	31,200	33,715	35,482	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,519	26,969	27,564	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	23,970	29,629	29,251	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,930	30,969	33,721	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,705	32,774	37,253	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,969	57,440	81,696	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,354	49,303	76,183	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	26,523	33,788	39,301	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,695	33,340	37,184	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,077	42,512	47,870	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	37,444	48,560	59,816	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	26,019	33,653	37,835	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	25,437	33,594	37,604	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,871	31,818	32,159	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	47,371	74,739	94,624	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	54,452	88,839	101,257	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	47,371	74,739	94,624	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	51,406	64,304	68,493	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	36,988	51,687	61,057	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	40,824	60,475	65,470	Yes	Yes	Yes	Associate's degree	No	Yes	No
51-8092	Gas Plant Operators	36,770	49,648	53,932	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	45,923	60,870	82,793	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	43,847	61,712	75,989	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	30,987	41,129	49,344	No	No	No	High school diploma or equivalent	Yes	No	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,179	43,577	55,089	No	No	No	High school diploma or equivalent	No	No	Yes
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	24,686	36,761	41,213	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	27,895	32,839	36,382	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	27,186	39,224	43,637	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	21,417	34,794	39,087	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	27,502	35,232	38,103	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	38,425	43,699	45,778	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29,925	38,326	43,019	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	29,187	43,135	47,077	No	No	No	Postsecondary nondegree award	No	No	No
51-9071	Jewelers and Precious Stone and Metal Workers	34,435	51,863	58,517	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9081	Dental Laboratory Technicians	30,385	52,198	60,291	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 14

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	27,672	38,733	49,888	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	28,293	33,396	35,250	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	25,601	35,766	40,852	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,563	35,288	42,422	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	31,030	40,824	44,520	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	37,155	46,756	49,586	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	23,380	34,649	36,993	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	30,461	42,397	47,463	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	43,364	62,440	71,236	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	26,974	33,570	37,114	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	22,742	27,939	27,706	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,939	44,648	47,556	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	31,200	35,576	36,123	No	No	No	High school diploma or equivalent	Yes	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	28,640	41,368	47,493	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	29,900	38,706	46,844	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	28,335	36,667	39,624	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	21,699	31,263	35,866	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	29,389	35,997	36,848	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	38,261	49,897	49,770	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	35,734	56,286	66,585	Yes	No	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	131,805	330,264	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	54,560	110,742	142,761	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	78,018	123,291	153,430	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	78,018	123,291	153,430	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	62,588	82,704	84,437	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	25,125	29,915	31,759	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	32,878	40,521	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	32,841	47,237	51,268	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	26,897	39,917	42,915	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	35,091	35,568	35,091	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	31,853	45,758	54,872	No	No	No	High school diploma or equivalent	Yes	No	Yes
53-3053	Shuttle Drivers and Chauffeurs	22,855	31,082	31,853	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,363	30,920	31,164	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	23,034	32,244	34,419	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	55,215	67,070	72,456	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,418	52,669	50,737	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	38,180	57,733	60,387	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	61,831	69,793	72,505	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,510	40,746	51,176	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	40,258	40,931	40,268	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	27,899	38,521	38,884	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	29,420	59,553	75,758	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
53-5022	Motorboat Operators	25,495	39,250	41,701	No	No	No	Postsecondary nondegree award	No	No	No
53-5031	Ship Engineers	70,807	95,903	106,733	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,495	31,262	35,496	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	20,893	25,557	28,133	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	24,866	32,891	36,630	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	25,653	33,132	36,298	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	32,267	51,014	61,470	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	39,224	83,433	105,260	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	22,004	34,192	39,201	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,295	29,993	31,779	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	28,822	33,789	34,940	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	41,016	67,917	81,024	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,843	46,180	48,093	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	31,476	49,322	50,542	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	29,951	38,525	41,995	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,255	31,666	35,824	No	No	No	No formal educational credential	No	Yes	Yes
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,827	33,046	36,125	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,560	35,117	35,924	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	23,537	27,065	28,872	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,401	31,679	34,583	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,954	35,731	33,194	No	No	No	High school diploma or equivalent	No	No	No
53-7072	Pump Operators, Except Wellhead Pumps	33,808	39,968	38,238	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps	29,954	35,731	33,194	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	28,403	44,250	54,566	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	42,307	58,962	59,870	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	27,544	37,077	38,814	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 14

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	35,005	57,399	65,042	825
No formal educational credential	23,571	31,643	34,330	83
High school diploma or equivalent	30,281	46,108	52,455	235
Some college, no degree	30,111	45,810	53,047	49
Postsecondary nondegree award	31,448	44,529	50,148	90
Associate's degree	42,090	58,846	66,302	68
Bachelor's degree	48,844	92,019	106,621	184
Master's degree	53,126	80,815	93,606	43
Doctoral or professional degree	70,258	152,040	158,534	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	492	333	494	331	492	333
No formal educational credential	37.35%	62.65%	32.53%	67.47%	30.12%	69.88%
High school diploma or equivalent	65.96%	34.04%	79.15%	20.85%	80.85%	19.15%
Some college, no degree	46.94%	53.06%	38.78%	61.22%	40.82%	59.18%
Postsecondary nondegree award	40.00%	60.00%	30.00%	70.00%	35.56%	64.44%
Associate's degree	64.71%	35.29%	51.47%	48.53%	51.47%	48.53%
Bachelor's degree	61.41%	38.59%	69.02%	30.98%	68.48%	31.52%
Master's degree	74.42%	25.58%	58.14%	41.86%	44.19%	55.81%
Doctoral or professional degree	79.45%	20.55%	65.75%	34.25%	61.64%	38.36%



Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	105,096	293,780	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	43,578	115,997	138,816	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	81,537	120,726	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	54,327	112,565	138,925	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	72,415	153,426	193,875	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	64,757	147,274	172,186	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	60,492	119,491	140,698	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	64,395	118,026	144,829	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	64,262	118,585	137,536	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	50,763	97,463	122,635	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	97,738	161,269	179,314	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	74,253	160,571	202,942	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	63,572	117,379	134,356	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	81,164	137,534	163,139	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	50,457	112,438	130,213	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3111	Compensation and Benefits Managers	71,918	130,106	167,445	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3121	Human Resources Managers	79,867	138,166	168,092	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	68,106	120,226	145,335	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,583	86,663	121,076	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-9021	Construction Managers	64,005	129,332	138,616	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	35,868	48,974	53,706	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	60,032	89,414	101,144	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	62,910	101,102	98,709	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	42,650	89,127	111,908	Yes	Yes	Yes	Master's degree	No	Yes	Yes
11-9041	Architectural and Engineering Managers	102,282	163,009	183,923	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	35,360	71,995	82,671	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	60,201	115,563	116,783	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	39,842	102,180	106,225	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
11-9081	Lodging Managers	40,560	90,969	127,870	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-9111	Medical and Health Services Managers	52,600	127,278	134,501	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	46,818	109,198	137,972	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9131	Postmasters and Mail Superintendents	81,453	99,508	110,614	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	35,367	69,571	78,496	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	46,549	76,865	90,646	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	54,671	96,999	103,692	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
11-9171	Funeral Home Managers	47,870	82,896	94,266	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	47,855	86,536	95,395	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	63,330	135,121	163,729	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	29,994	108,978	107,130	No	Yes	Yes	Bachelor's degree	No	Yes	No
13-1020	Buyers and Purchasing Agents	39,848	73,881	95,389	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	39,653	68,089	79,723	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	50,976	70,292	78,683	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	38,792	70,761	84,077	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	39,039	68,982	82,323	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	39,998	71,546	87,567	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	23,583	86,663	121,076	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	47,110	85,407	102,158	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	41,049	74,934	95,972	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	51,543	96,831	123,926	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	44,699	91,086	103,792	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1121	Meeting, Convention, and Event Planners	34,027	57,680	70,277	No	No	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	28,691	59,564	76,478	No	No	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	42,563	69,190	80,600	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	32,458	66,470	81,970	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	37,441	74,435	96,054	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	39,004	75,614	97,510	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	48,177	84,140	99,871	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	31,751	66,688	78,798	No	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	50,858	82,557	100,980	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	51,687	89,637	100,891	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	50,502	89,097	100,089	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2052	Personal Financial Advisors	35,554	97,519	104,291	No	Yes	Yes	Bachelor's degree	No	Yes	No
13-2053	Insurance Underwriters	46,725	70,661	79,530	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	60,325	103,781	126,664	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	47,898	77,284	92,295	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	36,915	47,438	46,724	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	37,939	77,821	84,438	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	30,181	59,036	86,070	No	No	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	24,941	50,571	63,588	No	No	No	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	38,032	67,725	83,373	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	56,602	100,079	120,360	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	65,582	115,615	134,803	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	84,316	151,121	168,367	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	46,466	77,018	87,415	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	35,325	67,576	75,253	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	64,606	115,723	138,579	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	61,671	103,980	129,175	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	73,998	124,412	143,352	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	52,590	93,821	108,889	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1251	Computer Programmers	46,362	90,493	109,291	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1252	Software Developers	60,347	110,658	131,024	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	49,864	96,337	120,534	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1254	Web Developers	45,973	87,638	109,223	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	47,835	89,442	109,277	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	26,554	92,557	123,199	No	Yes	Yes	Bachelor's degree	No	No	Yes
15-2011	Actuaries	72,434	123,124	151,473	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	39,028	92,741	127,535	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	47,228	89,784	110,431	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	57,971	97,984	102,074	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-2051	Data Scientists	53,202	98,944	116,776	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	39,731	81,784	99,064	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	60,606	99,725	103,429	Yes	Yes	Yes	Yes	Yes	No	No
17-1012	Landscape Architects	31,200	61,169	74,518	No	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	38,480	58,208	64,020	Yes	No	No	Bachelor's degree	No	No	No
17-1022	Surveyors	38,400	67,131	79,167	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	66,922	111,274	134,320	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers	45,712	84,555	108,821	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2031	Bioengineers and Biomedical Engineers	59,693	96,269	126,575	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	65,743	106,479	130,979	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	62,125	105,091	129,868	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	80,373	116,224	133,445	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	61,495	100,821	125,917	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	78,260	112,374	132,125	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	35,258	96,040	133,622	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	56,639	90,079	107,487	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2112	Industrial Engineers	64,674	100,344	123,296	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	63,646	86,959	101,254	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	47,840	82,445	99,867	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2141	Mechanical Engineers	56,624	88,980	100,336	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	45,312	94,380	106,157	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2161	Nuclear Engineers	79,130	114,051	123,613	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	65,568	128,101	153,684	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	47,008	91,952	121,423	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-3011	Architectural and Civil Drafters	39,518	63,701	73,040	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3012	Electrical and Electronics Drafters	44,143	63,891	76,580	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	38,126	58,858	76,736	Yes	No	Yes	Associate's degree	No	No	Yes
17-3019	Drafters, All Other	40,355	56,980	64,051	Yes	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	35,367	65,662	81,514	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	35,712	58,931	76,721	No	No	Yes	Associate's degree	No	No	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	38,932	60,156	76,976	Yes	No	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	45,968	63,422	69,971	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	31,655	43,257	45,142	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	45,710	58,927	63,459	Yes	No	No	Associate's degree	Yes	No	No
17-3027	Mechanical Engineering Technologists and Technicians	47,926	63,394	70,658	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3028	Calibration Technologists and Technicians	46,327	67,916	83,522	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	34,954	65,527	79,608	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,277	44,546	48,537	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	36,413	79,657	118,763	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	40,854	92,909	123,375	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	39,535	76,462	99,986	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1021	Biochemists and Biophysicists	52,397	102,024	145,232	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	37,795	56,559	61,850	Yes	No	No	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	32,782	47,068	49,913	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	37,440	62,570	86,070	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	31,034	53,691	62,352	No	No	No	Bachelor's degree	No	No	No
19-1032	Foresters	49,215	67,709	77,252	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	45,448	91,948	104,080	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	55,340	95,746	96,129	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-1099	Life Scientists, All Other	55,040	84,526	90,331	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	76,008	155,470	218,091	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	62,017	171,148	225,324	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
19-2021	Atmospheric and Space Scientists	67,989	73,528	77,453	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	39,998	70,730	84,548	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	79,596	114,566	144,145	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	37,440	67,876	82,278	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	48,643	97,574	124,840	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-2043	Hydrologists	65,083	95,619	103,168	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2099	Physical Scientists, All Other	33,031	143,642	227,927	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	65,435	88,074	103,168	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	51,615	98,332	124,705	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	72,622	124,979	151,235	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3033	Clinical and Counseling Psychologists	46,284	109,932	119,995	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	68,534	81,450	92,383	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	46,322	96,989	113,235	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,637	57,274	49,615	No	No	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	60,959	89,074	100,244	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	39,087	61,538	72,798	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	55,040	84,526	90,331	Yes	Yes	Yes	Master's degree	Yes	Yes	Master's degree
19-3093	Historians	52,628	88,592	110,008	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3094	Political Scientists	37,526	93,717	127,233	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	59,757	88,800	106,954	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	29,320	38,999	45,273	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	34,974	48,694	57,419	No	No	No	Associate's degree	No	No	No
19-4021	Biological Technicians	30,486	41,554	48,270	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	32,541	52,821	62,184	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	25,594	39,365	46,389	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	35,880	39,881	44,427	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	35,233	55,069	65,860	No	No	No	Associate's degree	No	No	No
19-4051	Nuclear Technicians	38,150	61,967	78,662	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	37,365	48,699	48,460	Yes	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,924	54,823	74,031	No	No	Yes	Associate's degree	No	No	Yes
19-4092	Forensic Science Technicians	38,160	57,270	66,955	Yes	No	No	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	23,268	52,629	60,195	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	41,601	77,929	97,316	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	40,330	59,704	69,408	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	35,646	57,787	78,771	No	No	Yes	Master's degree	Yes	Yes	Master's degree
21-1013	Marriage and Family Therapists	35,351	45,938	50,516	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	24,595	42,901	45,005	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	30,320	51,652	61,666	No	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	29,467	41,282	45,916	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	36,379	51,493	64,011	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	38,302	53,763	59,946	Yes	No	No	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	30,695	45,671	59,121	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	33,779	68,004	86,070	No	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	31,258	60,065	80,400	No	No	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	33,280	43,453	48,693	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	28,432	40,557	45,335	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	34,571	48,728	61,325	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	26,002	64,033	75,730	No	Yes	Yes	Bachelor's degree	No	No	No
21-2011	Clergy	29,274	55,092	59,706	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	29,992	49,068	60,658	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	28,102	45,996	59,722	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	64,315	142,072	171,572	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
23-1012	Judicial Law Clerks	40,206	49,586	46,592	Yes	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	41,604	91,444	113,553	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	32,937	56,866	60,019	No	No	No	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	41,604	91,444	113,553	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	38,906	61,729	68,953	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
23-2093	Title Examiners, Abstractors, and Searchers	37,298	58,212	73,667	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	28,969	63,639	66,262	No	Yes	No	Associate's degree	No	Yes	No
25-1011	Business Teachers, Postsecondary	58,763	91,188	102,143	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	56,329	106,876	123,771	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	49,466	89,599	101,017	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	82,276	134,779	158,385	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1032	Engineering Teachers, Postsecondary	51,598	72,595	51,598	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	43,848	60,836	73,969	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	59,877	96,081	121,671	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	43,848	60,836	73,969	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	51,332	80,131	77,522	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	40,883	75,774	98,133	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,458	70,641	88,068	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	52,597	66,841	78,169	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	45,683	83,238	97,795	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,449	65,421	75,110	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	48,473	61,687	54,702	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	45,683	62,777	60,826	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	46,496	58,914	58,019	Yes	No	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	48,446	84,049	93,301	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	50,379	129,846	173,279	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1069	Social Sciences Teachers, Postsecondary, All Other	45,263	63,694	74,944	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	45,997	122,148	164,788	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	60,488	85,678	97,003	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
25-1081	Education Teachers, Postsecondary	36,589	87,626	110,827	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	47,302	72,456	79,842	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	46,900	62,996	60,421	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	62,282	143,512	169,458	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	59,811	68,602	75,383	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	46,370	91,279	105,032	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	49,876	118,793	159,951	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1123	English Language and Literature Teachers, Postsecondary	48,751	82,995	95,516	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	45,406	71,495	79,805	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	46,113	66,655	62,594	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	49,809	68,661	79,487	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	37,018	72,915	83,706	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	44,634	102,108	170,514	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1194	Career/Technical Education Teachers, Postsecondary	35,790	52,187	62,227	No	No	No	Master's degree	No	No	Yes
25-1199	Postsecondary Teachers, All Other	43,455	69,316	80,752	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,817	30,715	34,839	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	47,476	69,700	79,436	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	46,413	68,893	79,125	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	38,027	56,474	64,178	Yes	No	No	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	36,441	66,254	80,227	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	60,527	72,119	79,526	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	62,788	71,780	79,487	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	38,446	67,459	79,526	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	33,926	45,414	48,486	No	No	No	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	64,818	74,543	78,576	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	47,787	69,244	79,251	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2059	Special Education Teachers, All Other	30,919	53,949	72,821	No	No	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	59,893	65,077	78,825	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-3021	Self-Enrichment Teachers	23,430	41,035	48,475	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	22,096	44,881	34,146	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	23,159	46,267	65,018	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	22,721	57,057	80,587	No	No	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	28,657	45,888	54,796	No	No	No	Master's degree	No	No	No
25-4012	Curators	42,237	61,993	72,198	Yes	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	33,718	57,306	75,836	No	No	Yes	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	37,896	60,524	80,052	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	36,329	44,675	51,099	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,735	46,229	56,845	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	46,779	67,982	79,725	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,675	32,120	39,965	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,708	29,910	29,282	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	25,178	43,627	48,461	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	56,575	93,387	103,408	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	20,744	33,496	38,628	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,822	46,102	46,454	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	44,277	62,653	73,854	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	26,767	45,487	50,777	No	No	No	Some college, no degree	No	No	No
27-1021	Commercial and Industrial Designers	22,761	50,673	72,542	No	No	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	49,179	69,251	76,958	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	28,691	34,725	35,072	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	36,269	56,410	63,425	No	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	32,190	59,888	73,177	No	No	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	25,914	36,157	38,674	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	35,604	45,010	46,600	No	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	29,690	42,530	51,863	No	No	No	Bachelor's degree	No	No	No
27-2011	Actors	29,388	33,516	31,311	No	No	No	Some college, no degree	No	No	No
27-2012	Producers and Directors	37,195	72,473	87,567	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,773	63,206	62,855	No	Yes	No	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	28,997	69,590	65,705	No	Yes	No	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,800	33,921	45,307	No	No	No	Some college, no degree	No	No	No
27-2031	Dancers	29,388	33,516	31,311	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,388	33,516	31,311	No	No	No	Some college, no degree	No	No	No
27-2041	Music Directors and Composers	27,215	63,738	83,302	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,388	33,516	31,311	No	No	No	Some college, no degree	No	No	No
27-2091	Disc Jockeys, Except Radio	21,661	59,226	58,650	No	No	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,661	59,226	58,650	No	No	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,661	59,226	58,650	No	No	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	32,470	67,211	81,302	No	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	37,669	69,139	80,945	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	33,212	76,370	104,021	No	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	51,233	74,750	84,252	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	38,925	71,993	84,485	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	37,795	65,148	82,311	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	27,521	56,669	72,634	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,860	44,640	57,092	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	34,087	52,969	60,389	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	23,991	53,792	62,425	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	24,305	70,563	111,483	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	29,262	48,083	59,177	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	27,020	36,796	44,637	No	No	No	Some college, no degree	No	No	No
27-4031	Camera Operators, Television, Video, and Film	29,662	57,616	63,636	No	No	No	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	37,379	57,350	63,260	Yes	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	30,553	88,496	110,094	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	65,975	85,494	98,799	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	100,116	166,088	171,265	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	51,254	221,789	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	68,700	166,778	207,729	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	51,254	221,789	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	130,346	221,659	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	50,326	67,010	76,733	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	35,540	115,475	158,393	No	Yes	Yes	Doctoral or professional degree	No	No	No
29-1051	Pharmacists	42,442	119,625	139,131	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	47,670	106,468	133,519	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	50,989	178,679	181,589	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	74,782	90,570	99,987	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	67,375	95,264	101,237	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	74,980	102,221	88,370	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	33,605	54,096	68,841	No	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	60,103	72,085	78,129	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	66,842	87,631	99,723	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	45,193	68,144	86,070	Yes	Yes	Yes	Master's degree	No	No	No
29-1129	Therapists, All Other	26,587	54,192	62,630	No	No	No	Bachelor's degree	No	No	No
29-1131	Veterinarians	63,962	120,944	134,628	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	63,665	80,749	85,675	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	119,349	170,154	195,337	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	90,073	111,388	109,208	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	81,908	108,374	121,902	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	50,931	88,022	97,581	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	101,474	292,693	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	141,993	356,679	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	121,362	366,501	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	200,957	338,474	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	61,201	158,064	223,467	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1216	General Internal Medicine Physicians	172,265	305,227	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	91,083	268,076	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	158,632	200,028	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	118,559	188,037	203,051	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	183,624	208,727	216,413	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1223	Psychiatrists	55,182	217,340	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	49,644	297,035	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	126,964	276,111	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	99,532	214,246	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	63,421	312,647	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	63,421	312,647	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	226,466	411,223	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	28,296	49,332	53,264	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	76,344	81,170	81,794	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	66,206	93,987	95,618	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	31,171	54,375	68,286	No	No	No	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	30,187	53,360	77,680	No	No	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	61,942	74,701	80,596	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	67,280	84,347	85,638	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	48,480	65,875	76,145	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	62,315	74,447	79,040	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	100,932	132,120	140,219	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	23,594	32,263	37,435	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	38,417	51,316	62,700	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	22,880	29,887	33,685	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	29,774	38,069	42,408	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	27,949	35,921	38,715	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	40,178	53,830	60,766	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	29,315	38,125	45,358	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	31,610	45,234	48,905	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	40,213	52,185	57,156	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	31,954	49,483	59,800	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	30,782	50,470	58,974	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	38,674	81,923	97,388	Yes	Yes	Yes	Master's degree	No	No	Yes
29-2092	Hearing Aid Specialists	38,190	63,485	71,344	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	31,592	46,377	51,089	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	39,994	64,969	79,609	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	39,668	51,995	52,939	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	86,869	93,015	102,986	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-9093	Surgical Assistants	40,480	54,977	49,366	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	38,022	78,657	102,074	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	No
31-1120	Home Health and Personal Care Aides	22,639	28,734	30,382	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	28,792	34,886	37,509	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	25,041	28,999	30,832	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	38,366	69,996	81,148	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
31-2011	Occupational Therapy Assistants	58,088	65,707	73,403	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,213	54,659	66,661	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	51,955	67,893	75,398	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	23,161	31,029	32,057	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	28,714	49,825	52,000	No	No	No	Postsecondary nondegree award	No	Yes	No
31-9091	Dental Assistants	37,978	45,728	46,650	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	30,159	37,864	41,292	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	31,247	41,754	45,140	No	No	No	High school diploma or equivalent	Yes	No	No
31-9094	Medical Transcriptionists	27,790	35,319	37,019	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	23,312	35,373	40,895	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	26,840	32,796	36,090	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	30,854	37,584	39,128	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	28,053	41,446	46,254	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	72,488	90,478	103,002	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	68,994	110,535	127,564	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	39,856	69,137	94,979	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	28,342	46,490	56,612	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	32,259	53,372	59,093	No	No	No	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	48,818	57,422	61,063	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	59,362	81,445	95,251	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	54,308	89,307	100,820	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	28,471	54,025	63,626	No	No	No	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	48,333	68,037	85,500	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3021	Detectives and Criminal Investigators	50,671	96,449	129,750	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	26,383	28,608	28,774	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	34,856	43,719	49,734	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	53,331	73,518	87,135	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	58,269	72,398	59,421	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	36,503	42,048	48,448	Yes	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	28,233	52,189	59,602	No	No	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,681	34,765	37,682	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,459	31,202	34,926	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	26,953	28,407	28,972	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	20,800	25,485	28,610	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	35,277	43,367	46,072	No	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	22,275	26,598	27,778	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	30,198	43,669	50,971	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	36,872	56,459	63,840	Yes	No	No	Associate's degree	No	No	No
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,776	40,675	47,946	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	22,059	26,328	29,350	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	25,766	31,006	32,476	No	No	No	No formal educational credential	Yes	No	No
35-2013	Cooks, Private Household	31,564	57,430	70,768	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	27,368	32,804	35,714	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	24,320	30,188	34,225	No	No	No	No formal educational credential	Yes	No	No
35-2019	Cooks, All Other	26,510	32,716	34,618	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	24,219	30,921	34,874	No	No	No	No formal educational credential	Yes	No	Yes
35-3011	Bartenders	21,237	35,028	42,217	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,064	25,547	27,469	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,219	33,024	36,249	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	21,551	28,472	31,663	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,089	28,004	30,473	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,476	27,608	28,797	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,601	30,293	30,182	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	23,220	27,564	28,781	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	28,658	45,390	55,000	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	35,862	49,382	59,042	No	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,878	28,987	30,051	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	22,850	28,385	29,594	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,846	29,681	32,394	No	No	No	No formal educational credential	Yes	No	No
37-2021	Pest Control Workers	31,287	42,589	46,859	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	27,131	32,680	35,363	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	23,597	35,941	44,067	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	25,602	36,993	41,762	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	27,680	56,528	73,237	No	No	Yes	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	32,198	56,328	69,129	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	31,914	57,838	66,203	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	29,483	46,322	53,001	No	No	No	Some college, no degree	No	No	No
39-2011	Animal Trainers	28,189	36,944	44,010	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,506	30,527	33,115	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,948	34,345	46,385	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,909	27,905	30,023	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,295	31,603	36,745	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	31,047	37,526	41,956	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,553	27,065	28,343	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,395	27,642	28,918	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	25,232	40,531	47,166	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	22,110	29,554	32,316	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,724	28,286	28,335	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,876	45,556	51,039	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,325	38,648	46,190	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	24,376	31,433	33,732	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	33,838	54,162	63,041	No	No	No	Associate's degree	No	No	No
39-5011	Barbers	21,678	33,867	37,736	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	22,313	36,737	46,918	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	36,755	42,707	37,877	Yes	No	No	Postsecondary nondegree award	Yes	No	No
39-5092	Manicurists and Pedicurists	22,319	34,100	36,777	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,295	23,944	25,837	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	22,190	40,862	43,399	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,442	30,526	35,972	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	23,950	36,595	40,762	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	22,246	35,506	39,058	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,839	27,463	29,278	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	21,172	39,711	48,921	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	22,514	33,014	37,398	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	24,274	35,368	39,047	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	22,334	33,875	36,006	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,235	51,282	58,551	No	No	No	Some college, no degree	No	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	46,766	98,315	116,676	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,077	26,521	28,318	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,714	32,472	33,642	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	23,993	36,058	38,495	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	22,779	37,474	43,826	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,529	33,338	34,796	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	32,387	61,870	64,540	No	Yes	No	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	31,024	82,653	97,021	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	38,527	79,917	83,424	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	21,179	43,165	47,705	No	No	No	Some college, no degree	No	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	34,344	70,621	82,629	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	39,977	96,306	126,011	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	33,280	72,623	81,556	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	22,980	43,660	46,271	No	No	No	No formal educational credential	No	Yes	Yes
41-9012	Models	21,446	31,886	34,286	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	42,859	75,160	76,981	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	29,994	58,284	65,546	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	40,194	112,568	160,210	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	21,877	30,095	32,354	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,922	31,176	31,560	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,733	48,051	58,115	No	No	No	Some college, no degree	No	Yes	Yes
43-1011	First-Line Supervisors of Office and Administrative Support Workers	37,289	65,338	77,870	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	26,672	33,348	36,980	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,427	30,549	33,447	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,666	47,995	56,289	No	No	No	High school diploma or equivalent	No	No	Yes
43-3011	Bill and Account Collectors	30,765	42,119	46,048	No	No	No	High school diploma or equivalent	No	No	No
43-3021	Billing and Posting Clerks	33,047	42,851	46,675	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	30,363	46,409	51,832	No	No	No	Some college, no degree	Yes	No	No
43-3041	Gambling Cage Workers	21,651	31,272	37,204	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	36,896	50,353	58,392	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,394	43,532	49,659	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	34,893	39,560	43,445	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	37,202	50,238	54,461	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	45,759	51,003	49,481	Yes	No	No	Some college, no degree	Yes	Yes	No
43-4021	Correspondence Clerks	32,628	36,443	39,614	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	34,629	42,289	47,313	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	40,359	48,723	50,909	Yes	No	No	Some college, no degree	Yes	Yes	No
43-4051	Customer Service Representatives	28,755	39,896	44,958	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	37,980	46,299	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	26,437	38,591	49,700	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,214	29,279	29,641	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	27,598	37,495	41,433	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	24,717	32,222	33,055	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	36,657	49,853	59,464	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	37,739	46,952	49,062	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	29,596	41,712	47,957	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	29,863	44,094	49,771	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	23,523	31,968	35,634	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	20,803	46,453	64,851	No	No	No	High school diploma or equivalent	No	No	Yes
43-4199	Information and Record Clerks, All Other	28,157	41,742	48,159	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	32,981	51,573	63,035	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	29,486	33,114	34,796	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	34,477	42,782	48,170	No	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	27,691	43,247	48,905	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	30,944	42,661	48,581	No	No	No	High school diploma or equivalent	Yes	No	No
43-5051	Postal Service Clerks	39,770	56,563	68,307	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	56,509	71,344	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	36,026	52,019	67,163	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	32,081	53,253	63,261	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	27,409	38,225	43,236	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	25,572	36,390	39,724	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	37,307	59,372	70,964	Yes	No	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	31,841	50,992	63,252	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	30,179	37,977	39,634	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,437	39,458	46,491	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,407	35,323	37,157	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	24,468	35,179	41,954	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,838	47,750	63,976	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	31,877	45,167	47,551	No	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	25,359	33,882	38,377	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	27,081	41,416	47,896	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	22,360	32,668	37,781	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	27,515	34,013	35,623	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	35,810	46,994	52,187	No	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	24,234	40,381	46,610	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	35,347	60,297	75,201	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	31,845	39,738	40,567	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	26,393	36,345	38,443	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	21,778	25,671	26,705	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,603	35,477	37,731	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	22,743	27,272	28,622	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	28,458	34,890	35,433	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	20,878	33,227	42,777	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	26,120	35,087	41,995	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,935	41,234	48,649	No	No	No	Postsecondary nondegree award	No	No	No
45-4021	Fallers	38,199	45,380	51,322	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	27,876	40,082	47,390	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,778	25,671	26,705	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	40,599	43,995	45,546	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	47,285	71,985	83,512	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,800	48,059	61,788	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	30,196	43,302	52,098	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	28,442	45,351	56,308	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	33,583	46,637	50,443	No	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	31,409	41,593	44,283	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	33,676	46,052	53,933	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,700	38,394	47,820	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	30,618	44,750	48,097	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	31,713	43,857	49,412	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	40,026	49,188	49,299	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2061	Construction Laborers	27,662	36,904	39,085	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	31,168	40,895	45,447	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	32,679	47,250	49,481	No	No	No	High school diploma or equivalent	Yes	No	No
47-2073	Operating Engineers and Other Construction Equipment Operators	34,494	47,004	49,878	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	22,252	38,900	47,237	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,905	40,951	45,966	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,630	51,762	56,827	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	31,442	42,920	47,359	No	No	No	High school diploma or equivalent	Yes	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	29,444	43,101	48,520	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	37,124	51,556	58,717	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2141	Painters, Construction and Maintenance	30,461	40,850	46,208	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,930	36,082	43,448	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	30,912	39,784	43,863	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	35,995	48,205	54,080	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	34,837	43,064	46,200	No	No	No	No formal educational credential	Yes	Yes	No
47-2171	Reinforcing Iron and Rebar Workers	32,040	42,737	45,678	No	No	No	High school diploma or equivalent	Yes	No	No
47-2181	Roofers	27,485	42,013	48,264	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	34,848	45,773	50,479	No	No	No	High school diploma or equivalent	Yes	No	No
47-2221	Structural Iron and Steel Workers	35,642	45,325	53,465	No	No	No	High school diploma or equivalent	Yes	No	No
47-2231	Solar Photovoltaic Installers	37,465	43,624	46,766	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,800	33,494	36,953	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	24,414	35,165	38,223	No	No	No	No formal educational credential	Yes	No	Yes
47-3013	Helpers—Electricians	26,729	34,252	36,838	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	26,012	30,686	32,130	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	29,115	35,833	39,041	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	35,764	37,867	38,425	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	25,972	34,272	37,806	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	37,924	62,945	77,289	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	49,595	81,016	100,197	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	28,403	39,126	45,400	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	29,759	39,419	45,156	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	30,215	36,990	35,219	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	43,975	53,508	60,748	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	35,236	47,966	51,593	No	No	No	High school diploma or equivalent	Yes	No	No
47-4090	Miscellaneous Construction and Related Workers	31,766	43,659	47,153	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	33,379	48,268	59,655	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	39,946	52,679	55,050	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,423	52,981	60,923	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	31,216	42,951	48,265	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	32,075	52,992	58,657	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	53,624	68,575	81,681	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,793	39,272	43,448	No	No	No	No formal educational credential	Yes	Yes	Yes



## Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	34,979	39,604	43,917	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	34,979	39,604	43,917	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	36,004	65,314	87,121	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	33,379	48,268	59,655	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers—Extraction Workers	28,676	34,267	37,594	No	No	No	High school diploma or equivalent	No	No	No
47-5099	Extraction Workers, All Other	27,125	43,741	42,756	No	No	No	High school diploma or equivalent	No	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	43,327	69,126	81,011	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	31,242	41,163	46,618	No	No	No	Postsecondary nondegree award	No	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	37,253	57,294	70,193	Yes	No	Yes	Associate's degree	No	No	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	32,295	55,056	65,252	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-2091	Avionics Technicians	31,870	48,511	57,803	No	No	No	Associate's degree	No	No	No
49-2092	Electric Motor, Power Tool, and Related Repairers	37,540	51,324	59,561	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	44,050	64,603	69,509	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	38,741	52,823	63,045	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40,562	91,667	119,763	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	37,329	44,949	47,204	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2097	Audiovisual Equipment Installers and Repairers	38,748	44,946	45,999	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2098	Security and Fire Alarm Systems Installers	31,899	47,286	57,209	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3011	Aircraft Mechanics and Service Technicians	47,990	82,610	108,121	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-3021	Automotive Body and Related Repairers	30,914	47,261	48,947	No	No	No	Postsecondary nondegree award	No	Yes	No
49-3022	Automotive Glass Installers and Repairers	36,158	47,076	47,734	No	No	No	High school diploma or equivalent	Yes	No	No
49-3023	Automotive Service Technicians and Mechanics	29,120	47,779	59,647	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	38,934	59,010	65,844	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	30,179	46,454	48,317	No	No	No	High school diploma or equivalent	No	No	No
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	38,012	54,827	63,335	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	36,540	52,464	58,338	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	33,749	52,070	59,493	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3052	Motorcycle Mechanics	29,086	44,883	57,577	No	No	No	High school diploma or equivalent	No	No	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	26,702	39,862	45,381	No	No	No	High school diploma or equivalent	No	No	No
49-3091	Bicycle Repairers	22,890	35,682	42,619	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	31,077	51,955	63,125	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3093	Tire Repairers and Changers	24,670	33,416	37,209	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	31,766	41,851	47,460	No	No	No	High school diploma or equivalent	Yes	No	No
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	32,872	49,628	53,830	No	No	No	Postsecondary nondegree award	Yes	Yes	No
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	36,703	49,790	58,356	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9031	Home Appliance Repairers	20,800	37,360	47,122	No	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	37,237	56,080	64,392	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9043	Maintenance Workers, Machinery	35,992	47,626	52,927	No	No	No	High school diploma or equivalent	Yes	No	No
49-9044	Millwrights	40,487	56,710	65,388	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons	25,525	33,828	37,194	No	No	No	High school diploma or equivalent	No	No	No
49-9051	Electrical Power-Line Installers and Repairers	39,170	67,956	84,873	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	37,162	52,358	60,427	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	39,272	52,191	58,221	Yes	No	No	Associate's degree	No	No	No
49-9062	Medical Equipment Repairers	31,622	49,644	51,172	No	No	No	Associate's degree	No	No	No
49-9063	Musical Instrument Repairers and Tuners	27,837	40,980	50,278	No	No	No	High school diploma or equivalent	No	No	No
49-9064	Watch and Clock Repairers	24,168	28,754	28,052	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	47,341	61,349	64,983	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	28,617	41,743	48,132	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians	47,127	66,465	77,052	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	29,378	43,731	49,641	No	No	No	High school diploma or equivalent	No	No	Yes
49-9092	Commercial Divers	38,589	51,976	55,674	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9094	Locksmiths and Safe Repairers	31,005	44,075	47,401	No	No	No	High school diploma or equivalent	Yes	No	No
49-9095	Manufactured Building and Mobile Home Installers	21,329	30,159	38,160	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	32,481	50,493	58,630	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	46,122	61,801	69,783	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers—Installation, Maintenance, and Repair Workers	28,088	34,357	37,197	No	No	No	High school diploma or equivalent	No	Yes	Yes
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,617	41,232	45,861	No	No	No	High school diploma or equivalent	No	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	37,440	64,308	79,223	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	32,267	45,927	54,493	No	No	No	Postsecondary nondegree award	No	No	No
51-2021	Coil Winders, Tapers, and Finishers	37,278	51,734	59,655	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	24,465	36,476	40,911	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	32,852	42,414	47,088	No	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	29,756	43,416	49,704	No	No	No	High school diploma or equivalent	No	No	No
51-2051	Fiberglass Laminators and Fabricators	28,748	39,103	45,614	No	No	No	High school diploma or equivalent	No	No	No
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	26,028	34,989	38,070	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	24,328	32,230	36,473	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	28,632	41,758	47,411	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	25,428	36,851	41,463	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughterers and Meat Packers	25,973	27,310	28,344	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	24,285	36,150	35,496	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3092	Food Batchmakers	23,826	36,904	46,927	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	26,159	33,388	35,050	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	23,383	32,580	37,734	No	No	No	No formal educational credential	No	Yes	Yes
	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	30,462	39,506	43,800	No	No	No	High school diploma or equivalent	No	No	No

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,613	39,116	44,678	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	29,935	40,912	44,190	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	27,539	39,054	44,952	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,427	54,913	81,579	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,954	31,667	34,301	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,261	37,994	46,678	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30,774	41,146	45,058	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	33,996	49,675	59,300	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	40,409	51,108	50,283	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	29,125	45,536	55,225	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic	32,257	50,805	59,128	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,354	49,303	76,183	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	22,715	39,233	53,645	No	No	No	High school diploma or equivalent	No	No	No
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	24,566	36,989	41,602	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	31,627	37,210	40,715	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	32,367	46,968	53,674	No	No	No	Postsecondary nondegree award	No	No	No
51-4121	Welders, Cutters, Solderers, and Brazers	35,113	47,624	54,080	No	No	No	Postsecondary nondegree award	Yes	Yes	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	31,696	35,793	37,937	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,354	39,789	46,249	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	33,135	46,619	51,371	No	No	No	High school diploma or equivalent	Yes	No	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	29,359	39,282	43,780	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,871	35,955	37,955	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	29,264	37,371	39,697	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	32,725	42,973	44,329	No	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	27,218	41,873	48,426	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	28,495	39,445	46,444	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,322	27,060	29,286	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	23,145	28,670	29,828	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	22,899	31,830	35,669	No	No	No	No formal educational credential	No	No	Yes
51-6041	Shoe and Leather Workers and Repairers	22,988	32,179	36,326	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	26,412	38,160	45,146	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	21,514	29,076	29,642	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	30,496	33,963	35,482	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,519	26,969	27,564	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	27,076	32,374	35,526	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,930	30,969	33,721	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,705	32,774	37,253	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,969	57,440	81,696	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,354	49,303	76,183	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	26,523	35,146	40,385	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,695	33,340	37,184	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,479	41,569	46,460	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	30,013	44,658	52,493	No	No	No	High school diploma or equivalent	No	No	No
51-7031	Model Makers, Wood	32,257	50,805	59,128	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7032	Patternmakers, Wood	26,785	34,096	38,951	No	No	No	High school diploma or equivalent	No	No	No
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	20,800	29,573	33,074	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	26,871	31,818	32,159	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	47,371	74,739	94,624	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8011	Nuclear Power Reactor Operators	64,966	95,407	108,466	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	58,765	82,851	97,238	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8013	Power Plant Operators	29,575	52,902	64,247	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	33,184	54,144	64,713	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	40,824	60,475	65,470	Yes	Yes	No	Associate's degree	No	Yes	No
51-8091	Chemical Plant and System Operators	31,811	51,579	63,902	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8092	Gas Plant Operators	48,849	63,318	79,279	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	46,439	59,836	75,980	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	29,813	47,276	59,569	No	No	No	High school diploma or equivalent	No	No	Yes
51-9011	Chemical Equipment Operators and Tenders	30,157	45,184	51,984	No	No	No	High school diploma or equivalent	No	No	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	27,588	43,858	46,359	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	27,788	34,706	37,740	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9022	Grinding and Polishing Workers, Hand	30,128	38,817	43,749	No	No	No	High school diploma or equivalent	No	No	No
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	21,417	34,794	39,087	No	No	No	No formal educational credential	No	Yes	Yes
51-9031	Cutters and Trimmers, Hand	28,596	38,701	39,551	No	No	No	High school diploma or equivalent	No	No	No
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	27,727	37,999	42,914	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	29,925	38,326	43,019	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	28,408	45,682	50,344	No	No	No	Postsecondary nondegree award	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	33,861	51,117	60,378	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	30,265	49,787	57,248	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-9081	Dental Laboratory Technicians										

Wages - Workforce Region 15

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	27,678	44,916	56,892	No	No	No	Postsecondary nondegree award	No	No	Yes
51-9083	Ophthalmic Laboratory Technicians	27,759	33,555	35,204	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	23,270	35,286	40,792	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	24,607	35,048	41,438	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	31,075	43,876	48,805	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	37,155	46,756	49,586	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9151	Photographic Process Workers and Processing Machine Operators	29,732	34,232	34,523	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	31,343	41,876	47,183	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	43,366	59,523	68,240	Yes	No	No	Associate's degree	Yes	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	23,270	30,637	38,078	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	25,427	35,184	46,122	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,939	44,648	47,556	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	30,614	33,715	36,114	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	30,774	39,105	42,833	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	27,501	35,134	37,988	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	28,335	36,667	39,624	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	23,096	32,845	36,407	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	28,086	38,069	43,930	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	32,826	55,066	75,428	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	36,819	60,513	74,693	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	59,604	208,312	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	54,512	106,823	124,817	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	90,210	139,016	159,973	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	38,029	46,445	51,342	Yes	No	No	Some college, no degree	Yes	No	No
53-2031	Flight Attendants	49,425	60,649	57,158	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	22,262	34,138	39,479	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	35,524	41,971	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	33,419	49,755	58,247	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	26,817	43,149	47,444	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	32,802	38,800	38,204	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	33,558	47,487	58,003	No	No	No	High school diploma or equivalent	Yes	No	Yes
53-3053	Shuttle Drivers and Chauffeurs	22,947	33,994	36,314	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,363	30,920	31,164	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	21,824	30,107	33,167	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	55,215	67,070	72,456	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,418	52,669	50,737	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	38,180	57,733	60,387	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	61,831	69,793	72,505	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,510	40,746	51,176	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	40,258	40,931	40,268	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	37,993	52,062	52,260	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-5021	Captains, Mates, and Pilots of Water Vessels	42,417	99,122	133,494	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	27,798	44,327	51,947	No	No	No	Postsecondary nondegree award	No	No	No
53-5031	Ship Engineers	52,157	96,727	107,607	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,495	31,262	35,496	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,674	27,362	28,223	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	24,851	31,436	35,483	No	No	No	No formal educational credential	Yes	No	Yes
53-6032	Aircraft Service Attendants	30,502	34,332	35,829	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	31,545	49,989	65,974	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	44,990	90,928	113,880	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	21,235	26,284	35,672	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,800	25,641	25,491	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	30,680	33,996	34,846	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	40,747	64,602	80,329	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,843	46,180	48,093	No	No	No	High school diploma or equivalent	Yes	No	No
53-7041	Hoist and Winch Operators	31,476	49,322	50,542	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	28,970	40,011	45,120	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,522	31,324	33,979	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	26,757	35,652	38,769	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,560	32,944	34,784	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	20,800	26,770	28,439	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	27,260	33,277	34,389	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,954	35,731	33,194	No	No	No	High school diploma or equivalent	No	No	No
53-7072	Pump Operators, Except Wellhead Pumps	31,685	46,736	49,304	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps	29,954	35,731	33,194	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	30,105	41,108	47,341	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	42,307	58,962	59,870	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	28,667	36,139	39,674	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 15

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	36,352	60,363	68,864	829
No formal educational credential	23,809	31,939	34,459	85
High school diploma or equivalent	30,939	48,257	55,192	236
Some college, no degree	30,069	46,832	54,144	49
Postsecondary nondegree award	32,466	47,188	54,628	90
Associate's degree	40,948	59,201	67,180	68
Bachelor's degree	50,547	95,088	110,727	185
Master's degree	54,688	82,669	94,704	43
Doctoral or professional degree	73,054	148,313	158,413	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	506	323	506	323	499	330
No formal educational credential	38.82%	61.18%	35.29%	64.71%	32.94%	67.06%
High school diploma or equivalent	67.37%	32.63%	82.20%	17.80%	80.51%	19.49%
Some college, no degree	40.82%	59.18%	40.82%	59.18%	44.90%	55.10%
Postsecondary nondegree award	46.67%	53.33%	36.67%	63.33%	42.22%	57.78%
Associate's degree	64.71%	35.29%	50.00%	50.00%	45.59%	54.41%
Bachelor's degree	66.49%	33.51%	68.11%	31.89%	68.65%	31.35%
Master's degree	65.12%	34.88%	48.84%	51.16%	46.51%	53.49%
Doctoral or professional degree	78.08%	21.92%	65.75%	34.25%	58.90%	41.10%

Wages - Workforce Region 16

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	83,249	324,579	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	36,942	96,855	127,795	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	76,809	98,938	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	51,830	111,875	135,048	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	64,823	133,335	160,823	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	52,219	129,161	149,855	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	60,139	109,976	132,370	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	63,528	120,686	146,942	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	55,399	105,586	130,536	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	47,981	95,405	126,191	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	81,911	141,846	167,183	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	42,515	146,954	173,497	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3051	Industrial Production Managers	37,849	79,742	106,049	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
11-3061	Purchasing Managers	79,354	122,418	142,850	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	50,446	95,486	108,419	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	71,344	118,939	148,962	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	66,370	114,643	133,116	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	60,847	108,599	132,087	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,583	86,663	121,076	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	57,013	127,951	145,273	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	35,412	49,088	53,706	Yes	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	53,288	79,617	97,870	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9033	Education Administrators, Postsecondary	52,499	105,147	127,893	Yes	Yes	Yes	Master's degree	No	Yes	Yes
11-9039	Education Administrators, All Other	39,695	71,008	86,080	Yes	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	102,563	175,811	218,399	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	35,360	66,628	80,446	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	60,201	115,563	116,783	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	39,832	72,386	77,472	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	40,560	80,822	85,706	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	51,713	124,053	126,556	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	41,766	89,661	103,922	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9131	Postmasters and Mail Superintendents	74,193	89,892	98,352	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	29,261	63,342	63,331	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	39,507	64,030	75,798	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	48,883	87,804	104,938	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	45,683	78,945	79,989	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	46,785	76,466	92,048	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	52,153	119,557	136,793	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	29,262	93,863	152,923	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	32,370	63,416	69,858	No	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	39,597	67,110	79,435	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	48,259	67,119	76,730	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	39,469	66,800	69,594	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	37,359	67,731	81,350	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	37,230	69,462	92,713	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	23,583	86,663	121,076	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	44,589	125,607	172,002	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1081	Logisticians	38,480	63,103	77,945	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	48,039	89,155	105,617	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	37,440	81,447	102,119	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1121	Meeting, Convention, and Event Planners	30,641	52,295	58,440	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	35,908	55,890	67,880	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	42,563	62,261	69,993	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	31,200	57,774	73,341	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	34,893	66,174	79,757	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	34,590	65,779	80,721	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	45,870	77,694	83,222	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2020	Property Appraisers and Assessors	30,215	59,212	77,398	No	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	50,143	68,289	82,290	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	52,594	90,462	102,354	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	51,426	104,409	118,423	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	35,554	75,646	76,760	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2053	Insurance Underwriters	45,595	70,788	83,365	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	40,069	84,344	97,934	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2061	Financial Examiners	44,733	71,063	102,296	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2071	Credit Counselors	36,915	44,609	46,378	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	35,368	66,564	79,477	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	28,933	35,772	33,925	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	24,941	48,639	80,039	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	29,789	49,648	52,806	No	No	No	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	52,894	95,061	108,277	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	54,044	110,230	129,453	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	77,257	128,716	173,081	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	36,296	63,512	69,344	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1232	Computer User Support Specialists	33,193	56,162	66,128	Yes	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
15-1241	Computer Network Architects	53,520	98,802	128,310	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	51,662	90,772	112,878	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	72,203	129,155	154,484	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 16

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	41,649	84,971	101,745	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1251	Computer Programmers	42,095	81,288	103,484	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-1252	Software Developers	55,322	104,208	130,455	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	39,926	92,110	107,767	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1254	Web Developers	47,533	84,872	106,396	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	40,856	73,368	97,782	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1299	Computer Occupations, All Other	26,554	59,412	78,208	No	Yes	Yes	Bachelor's degree	No	No	No
15-2011	Actuaries	69,266	122,295	131,828	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	39,028	92,741	127,535	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	34,965	64,542	78,236	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	39,731	81,784	99,064	Yes	Yes	Yes	Master's degree	No	No	Yes
15-2051	Data Scientists	51,728	96,976	116,776	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	60,606	102,797	103,867	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	37,311	65,334	75,032	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	49,165	61,709	63,871	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	38,114	71,955	81,347	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	75,461	113,046	131,565	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	58,025	96,400	120,754	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	65,743	106,479	130,979	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	51,888	102,392	121,065	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	65,285	116,753	135,731	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	59,808	96,942	117,352	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	65,247	98,393	104,061	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	76,293	93,795	111,688	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	48,854	83,179	101,913	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	59,733	93,552	106,120	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	50,278	76,115	89,512	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	55,459	90,634	111,036	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	56,753	85,207	100,297	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	45,312	94,380	106,157	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2161	Nuclear Engineers	79,130	114,051	123,613	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	65,568	128,101	153,684	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	50,440	80,369	95,648	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
17-3011	Architectural and Civil Drafters	38,534	65,809	79,187	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3012	Electrical and Electronics Drafters	45,136	57,167	67,207	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	38,126	51,918	67,600	Yes	Yes	Yes	Associate's degree	Yes	No	Yes
17-3019	Drafters, All Other	35,672	54,113	61,528	Yes	Yes	Yes	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	35,457	76,242	104,245	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	35,565	54,698	63,958	Yes	Yes	Yes	Associate's degree	No	No	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	37,351	50,128	58,748	Yes	No	Yes	Associate's degree	No	No	No
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	44,853	69,451	78,447	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	30,628	45,088	50,961	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	35,740	53,531	61,640	Yes	Yes	Yes	Associate's degree	No	No	No
17-3027	Mechanical Engineering Technologists and Technicians	38,258	58,386	65,197	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	38,150	61,967	78,662	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	34,235	68,444	93,047	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,926	47,552	49,094	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists										
19-1012	Food Scientists and Technologists	38,716	76,876	105,904	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	38,882	81,033	101,064	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1021	Biochemists and Biophysicists	39,126	85,687	107,992	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	35,526	58,426	71,568	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	33,093	47,825	50,814	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	41,309	59,482	57,200	Yes	Yes	No	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	29,120	53,528	75,026	No	Yes	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	37,378	51,403	60,083	Yes	No	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	56,474	84,994	100,020	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	53,820	96,742	121,388	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	55,040	84,526	90,331	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	76,008	155,470	218,091	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
19-2012	Physicists	76,008	155,470	218,091	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
19-2021	Atmospheric and Space Scientists	61,079	81,911	88,243	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2031	Chemists	37,914	65,146	78,484	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2032	Materials Scientists	67,197	113,329	132,579	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,546	68,383	71,838	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	47,068	89,951	108,372	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	42,287	66,553	79,374	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	44,161	105,377	130,560	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	59,109	93,873	114,441	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	51,615	98,332	124,705	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	72,622	124,979	151,235	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3033	Clinical and Counseling Psychologists	39,725	101,053	119,995	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	51,948	57,701	63,905	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	70,059	107,276	122,678	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,637	57,274	49,615	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	47,648	68,674	77,834	Yes	Yes	Yes	Master's degree	No	No	No

## Wages - Workforce Region 16

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	39,087	61,538	72,798	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	35,126	70,163	95,502	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists										
19-3099	Social Scientists and Related Workers, All Other	50,099	82,279	87,298	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-4012	Agricultural Technicians	29,320	38,999	45,273	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	31,789	51,498	70,944	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	29,516	43,053	49,546	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	30,235	46,947	49,411	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	27,662	37,222	46,624	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,891	39,721	43,400	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	35,233	55,069	65,860	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-4051	Nuclear Technicians	38,150	61,967	78,662	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	36,883	45,529	51,097	Yes	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	33,194	46,034	54,776	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	37,111	49,622	62,461	Yes	No	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	21,529	39,581	44,791	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	42,622	80,165	99,601	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-5012	Occupational Health and Safety Technicians	39,360	60,826	67,812	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	35,916	54,432	64,205	Yes	Yes	Yes	Master's degree	No	No	No
21-1013	Marriage and Family Therapists	33,301	44,278	47,429	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	24,595	44,657	47,174	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	35,338	51,934	59,808	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	28,267	39,170	42,994	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	31,244	46,196	49,490	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	28,812	59,317	72,407	No	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	27,118	38,531	48,413	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	34,965	53,568	59,372	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	29,621	52,818	75,602	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,282	43,343	49,150	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	28,038	38,657	46,109	No	No	No	Some college, no degree	Yes	No	No
21-1094	Community Health Workers	33,490	50,853	63,691	Yes	No	Yes	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	27,019	76,956	167,619	No	Yes	Yes	Bachelor's degree	No	No	Yes
21-2011	Clergy	34,091	53,482	59,545	Yes	Yes	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	30,155	48,531	63,361	No	No	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	28,588	47,263	59,548	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	57,678	117,276	140,577	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	36,462	55,274	61,977	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	41,604	91,444	113,553	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	41,604	91,444	113,553	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	34,403	55,344	63,970	Yes	Yes	Yes	Associate's degree	No	No	Yes
23-2093	Title Examiners, Abstractors, and Searchers	30,940	52,230	60,982	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	27,040	77,523	153,171	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	48,401	85,967	97,413	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	47,068	88,887	110,148	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	48,664	66,013	83,041	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,867	100,479	125,984	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	45,917	88,136	121,251	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	43,848	60,836	73,969	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	51,371	87,102	97,659	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	43,848	60,836	73,969	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	45,683	62,777	60,826	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	38,970	79,716	95,746	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,458	70,641	88,068	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	46,815	62,924	62,182	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	45,683	83,238	97,795	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,449	65,421	75,110	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	45,907	58,133	53,371	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	45,683	62,777	60,826	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	44,327	62,416	57,635	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	46,561	79,940	90,926	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	46,756	98,459	117,593	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	45,263	63,694	74,944	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	46,454	91,639	99,376	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	47,078	78,213	92,468	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	37,018	72,915	83,706	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	47,302	72,456	79,842	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	41,741	56,855	59,450	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	44,278	137,936	203,962	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	59,811	68,602	75,383	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	48,262	103,700	99,905	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	44,863	78,193	96,995	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	43,390	67,061	76,808	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	40,111	66,319	77,003	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	41,038	54,337	47,820	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	46,480	76,646	79,737	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	37,018	72,915	83,706	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 16

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	42,980	73,334	77,354	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	30,360	69,682	103,193	No	Yes	Yes	Master's degree	No	No	Yes
25-1199	Postsecondary Teachers, All Other	38,652	64,696	77,547	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,839	30,619	35,534	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	37,876	53,195	56,740	Yes	Yes	No	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	48,286	50,602	49,696	Yes	No	No	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	47,130	50,179	48,753	Yes	No	No	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	46,512	64,280	72,847	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	48,474	52,326	50,029	Yes	Yes	No	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	48,701	52,066	48,883	Yes	Yes	No	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	38,166	49,857	61,310	Yes	No	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	33,926	48,160	49,351	Yes	No	No	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	49,537	52,638	61,491	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	47,479	49,938	47,479	Yes	No	No	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	30,919	45,614	49,222	No	No	No	Bachelor's degree	No	No	No
	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	30,754	50,244	64,766	No	No	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	23,482	36,336	48,066	No	No	No	Some college, no degree	No	No	Yes
25-3031	Substitute Teachers, Short-Term	21,076	72,544	38,404	No	Yes	No	Bachelor's degree	No	No	No
25-3041	Tutors	22,545	38,818	48,419	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	28,253	52,982	62,909	No	Yes	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	28,657	45,888	54,796	No	No	No	Master's degree	No	No	No
25-4012	Curators	30,745	55,176	69,002	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	29,174	46,044	54,893	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	40,059	55,862	61,009	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	28,080	32,166	32,718	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,735	46,229	56,845	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	48,084	55,988	63,413	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,800	30,428	33,110	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,752	31,533	36,685	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	36,874	56,724	61,545	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	48,464	86,614	97,639	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	20,744	33,496	38,628	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,822	46,102	46,454	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	45,166	64,660	74,213	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,827	49,712	57,811	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	22,761	58,807	75,895	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	36,521	65,948	77,549	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	23,661	33,340	35,233	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	35,743	50,346	57,739	Yes	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	32,195	51,718	63,084	No	No	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	29,062	35,209	37,593	No	No	No	Some college, no degree	Yes	No	No
27-1027	Set and Exhibit Designers	35,604	45,010	46,600	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	28,413	59,743	73,598	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	29,388	33,516	31,311	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	32,813	65,650	76,629	No	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,773	63,206	62,855	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	24,710	64,009	81,875	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,705	45,195	45,429	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	29,388	33,516	31,311	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,388	33,516	31,311	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	30,979	68,456	81,277	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,388	33,516	31,311	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,661	59,226	58,650	No	Yes	Yes	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,661	59,226	58,650	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,661	59,226	58,650	No	Yes	Yes	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	35,369	70,680	84,331	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	35,229	62,450	76,200	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	29,660	53,935	66,724	No	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	45,499	63,818	72,934	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	39,317	73,856	77,728	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	38,104	70,668	83,904	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	27,521	49,858	62,286	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,636	46,083	57,030	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	30,987	60,388	78,649	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4012	Broadcast Technicians	26,598	62,563	82,662	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	26,383	66,114	98,381	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	29,262	48,083	59,177	No	No	Yes	Associate's degree	No	No	No
27-4021	Photographers	26,813	42,531	51,078	No	No	No	Some college, no degree	No	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	37,440	71,798	70,013	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	32,355	53,986	63,421	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	27,242	65,656	90,331	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	45,497	85,902	97,561	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	125,721	152,510	155,457	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1022	Oral and Maxillofacial Surgeons	51,254	221,789	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	68,700	166,778	207,729	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	51,254	221,789	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	51,254	221,789	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*















Wages - Workforce Region 16

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	27,700	39,331	48,678	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	30,190	34,462	36,281	No	No	No	High school diploma or equivalent	Yes	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	28,275	39,028	45,483	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	20,800	34,074	42,175	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	29,811	44,567	47,350	No	No	No	High school diploma or equivalent	Yes	Yes	No
51-9141	Semiconductor Processing Technicians	37,155	46,756	49,586	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	22,841	34,540	37,194	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	31,434	42,605	48,279	No	No	No	Postsecondary nondegree award	Yes	No	No
51-9162	Computer Numerically Controlled Tool Programmers	39,710	58,847	62,400	Yes	Yes	Yes	Associate's degree	No	Yes	No
51-9191	Adhesive Bonding Machine Operators and Tenders	22,705	32,774	37,253	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	25,427	35,184	46,122	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,939	44,648	47,556	No	No	No	High school diploma or equivalent	No	Yes	No
51-9194	Etchers and Engravers	28,520	34,013	37,487	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	20,800	33,412	38,896	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	28,471	43,400	51,127	No	No	No	High school diploma or equivalent	No	No	Yes
51-9197	Tire Builders										
51-9198	Helpers--Production Workers	21,766	29,730	33,862	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	24,960	36,819	37,338	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	36,940	55,703	60,767	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	33,798	54,386	65,232	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	78,964	204,710	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	46,018	83,672	105,856	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	78,018	123,291	153,430	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	78,018	123,291	153,430	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	34,355	67,597	77,188	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	25,125	29,915	31,759	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	32,255	37,940	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	23,293	45,807	49,359	No	No	No	Postsecondary nondegree award	No	Yes	No
53-3033	Light Truck Drivers	23,487	39,761	45,955	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	31,960	38,020	39,882	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	25,918	34,424	41,296	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	23,359	32,284	34,705	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,363	30,920	31,164	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	23,036	27,642	29,970	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	55,215	67,070	72,456	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,418	52,669	50,737	No	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	38,180	57,733	60,387	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	61,831	69,793	72,505	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,510	40,746	51,176	No	No	No	High school diploma or equivalent	No	No	Yes
53-4099	Rail Transportation Workers, All Other	40,258	40,931	40,268	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	28,413	44,434	49,020	No	No	No	High school diploma or equivalent	No	Yes	No
53-5021	Captains, Mates, and Pilots of Water Vessels	27,026	51,858	57,833	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5022	Motorboat Operators	27,798	44,327	51,947	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5031	Ship Engineers	70,807	95,903	106,733	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,495	31,262	35,496	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,672	26,581	28,607	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	26,091	33,373	38,576	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	29,076	36,072	36,453	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	37,571	44,777	51,866	Yes	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	39,224	83,433	105,260	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,763	31,798	37,165	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,295	29,993	31,779	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	28,822	33,789	34,940	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	35,834	58,882	70,990	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,843	46,180	48,093	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	31,476	49,322	50,542	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	35,976	44,095	47,505	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,089	30,199	33,978	No	No	No	No formal educational credential	No	No	Yes
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,105	32,794	35,708	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	41,827	45,763	47,982	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	23,488	26,251	25,482	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	25,149	31,618	34,614	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,954	35,731	33,194	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	32,023	45,039	50,561	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-7073	Wellhead Pumps	29,954	35,731	33,194	No	No	No	High school diploma or equivalent	Yes	No	No
53-7081	Refuse and Recyclable Material Collectors	27,592	41,094	57,011	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	42,307	58,962	59,870	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	27,544	37,077	38,814	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 16

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	33,097	51,871	58,017	815
No formal educational credential	23,824	31,328	33,936	83
High school diploma or equivalent	29,564	44,341	50,199	232
Some college, no degree	27,362	40,679	46,787	49
Postsecondary nondegree award	29,698	43,313	49,524	89
Associate's degree	41,258	55,490	63,133	67
Bachelor's degree	45,546	81,584	93,047	182
Master's degree	56,281	82,338	94,662	40
Doctoral or professional degree	77,688	160,731	162,451	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	468	347	458	357	451	364
No formal educational credential	40.96%	59.04%	33.73%	66.27%	33.73%	66.27%
High school diploma or equivalent	62.50%	37.50%	72.41%	27.59%	75.00%	25.00%
Some college, no degree	26.53%	73.47%	28.57%	71.43%	28.57%	71.43%
Postsecondary nondegree award	28.09%	71.91%	28.09%	71.91%	35.96%	64.04%
Associate's degree	71.64%	28.36%	46.27%	53.73%	40.30%	59.70%
Bachelor's degree	60.44%	39.56%	62.64%	37.36%	58.79%	41.21%
Master's degree	82.50%	17.50%	67.50%	32.50%	55.00%	45.00%
Doctoral or professional degree	82.19%	17.81%	69.86%	30.14%	64.38%	35.62%



## Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	52,862	251,374	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	40,365	108,043	130,991	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	70,287	100,991	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	40,845	79,504	79,275	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-2021	Marketing Managers	66,097	136,033	167,058	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	58,737	137,252	168,063	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	52,143	115,813	140,258	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	41,555	95,306	108,690	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3012	Administrative Services Managers	36,248	99,154	125,765	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3013	Facilities Managers	46,432	97,054	122,400	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	90,667	147,942	168,277	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	67,727	139,023	163,335	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	63,171	123,594	156,635	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	69,544	133,526	169,612	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	50,668	106,238	134,076	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	75,289	122,214	148,710	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	62,483	112,461	131,166	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	65,456	108,465	134,889	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,422	59,400	77,061	No	Yes	Yes	Bachelor's degree	No	No	No
11-9021	Construction Managers	55,952	108,350	132,412	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	30,070	49,382	49,761	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	63,086	81,505	94,821	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	49,040	98,811	102,102	Yes	Yes	Yes	Master's degree	No	Yes	Yes
11-9039	Education Administrators, All Other	30,444	57,665	64,251	No	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	101,012	148,759	162,874	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	25,325	59,929	75,933	No	Yes	Yes	Some college, no degree	No	Yes	Yes
11-9071	Gambling Managers	58,500	112,297	113,482	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	37,161	90,698	97,600	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9081	Lodging Managers	32,257	70,387	81,668	No	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	59,651	127,366	135,512	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	50,502	95,297	122,116	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	77,314	88,811	92,893	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	30,774	67,213	73,645	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	37,991	65,635	77,224	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	48,480	83,662	107,549	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	21,714	71,971	94,331	No	Yes	Yes	Associate's degree	No	Yes	Yes
11-9179	Personal Service Managers, All Other	45,463	74,305	89,447	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	61,048	122,946	147,701	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	28,434	91,210	148,600	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	32,116	66,296	85,695	No	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	48,597	68,145	81,371	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	46,895	65,222	74,561	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	36,275	62,306	77,654	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	41,380	65,897	78,650	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	36,144	61,323	74,094	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	22,916	84,213	117,653	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	46,443	71,512	83,357	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-1081	Logisticians	38,903	69,769	89,484	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	48,191	86,817	100,759	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	43,680	85,662	105,608	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	28,395	46,414	51,400	No	No	No	Bachelor's degree	No	No	No
13-1131	Fundraisers	29,183	53,923	70,361	No	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	39,624	58,860	64,381	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	28,938	61,910	73,636	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	36,988	68,679	83,723	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	22,082	62,568	77,315	No	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	43,628	74,553	83,922	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	40,993	64,564	75,006	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	44,727	63,106	74,396	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2041	Credit Analysts	38,553	77,986	87,963	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2051	Financial and Investment Analysts	55,660	84,503	98,490	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	36,354	89,283	91,446	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
13-2053	Insurance Underwriters	46,619	66,824	77,336	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	50,015	100,869	133,068	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	42,353	74,457	91,276	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	32,331	46,610	46,913	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	34,495	75,999	92,634	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,536	47,567	54,725	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	22,053	43,214	57,855	No	No	No	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	33,855	57,776	76,086	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	60,533	101,054	116,218	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	33,193	83,494	105,741	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1221	Computer and Information Research Scientists	75,073	125,077	168,189	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	40,051	74,972	84,739	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	36,605	51,825	62,072	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	58,622	102,950	131,851	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	48,847	90,337	120,612	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	59,491	111,242	139,739	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	50,588	83,556	100,516	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	50,620	84,504	109,765	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	64,691	103,531	125,798	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	45,347	68,727	80,425	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1254	Web Developers	37,171	74,339	99,459	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1255	Web and Digital Interface Designers	41,714	73,265	91,626	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	36,963	76,850	96,102	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-2011	Actuaries	67,308	118,839	128,102	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	37,925	90,120	123,930	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	36,760	68,577	81,194	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	38,608	79,472	96,264	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	41,278	93,032	113,309	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	38,608	79,472	96,264	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-1011	Architects, Except Landscape and Naval	49,497	111,183	137,686	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	36,256	63,487	72,911	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	47,704	69,146	61,974	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	34,624	62,554	76,861	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	73,328	109,850	127,846	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	56,385	93,675	117,341	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	48,506	96,514	116,316	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	59,809	103,853	123,446	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	63,439	113,453	131,894	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	60,696	97,404	122,313	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	75,706	92,253	98,758	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	41,314	85,752	101,241	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	51,569	87,011	105,650	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	60,789	95,899	115,533	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	48,857	73,964	86,981	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	53,892	88,072	107,897	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	48,936	81,553	92,530	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	44,031	91,713	103,157	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2161	Nuclear Engineers	76,893	110,827	120,119	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	63,714	124,480	149,340	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	47,362	76,611	87,904	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-3011	Architectural and Civil Drafters	37,759	59,767	73,542	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3012	Electrical and Electronics Drafters	43,860	55,551	65,307	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	35,321	56,585	64,832	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3019	Drafters, All Other	37,220	56,440	61,164	Yes	Yes	Yes	Associate's degree	No	Yes	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	34,455	74,087	101,298	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	33,493	58,686	74,443	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	28,956	56,390	71,815	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	43,586	67,488	76,230	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	29,762	43,813	49,521	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	39,074	55,250	63,489	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	37,176	56,736	63,354	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	46,736	55,683	61,696	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	37,003	63,736	81,661	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,527	45,069	51,395	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	35,384	77,405	115,406	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	48,285	73,162	84,177	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1013	Soil and Plant Scientists	56,992	91,988	117,901	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1021	Biochemists and Biophysicists	38,020	83,265	104,939	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	34,521	56,774	69,545	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	34,798	46,269	49,171	Yes	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	36,046	57,827	54,080	Yes	Yes	No	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	29,383	56,603	71,138	No	Yes	No	Bachelor's degree	No	No	No
19-1032	Foresters	35,441	57,277	67,450	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	54,878	82,592	97,193	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	51,631	69,415	76,995	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1099	Life Scientists, All Other	53,484	82,137	87,778	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	73,859	151,075	211,926	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
19-2012	Physicists	73,859	151,075	211,926	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
19-2021	Atmospheric and Space Scientists	59,353	79,596	85,749	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	45,531	73,594	88,506	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	65,298	110,125	128,832	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	37,493	57,295	62,428	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	29,732	78,682	99,822	No	Yes	Yes	Bachelor's degree	No	No	Yes
19-2043	Hydrologists	41,092	64,672	77,130	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	42,912	102,398	126,869	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	57,438	91,220	111,206	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	50,156	95,553	121,180	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	70,569	121,446	146,960	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3033	Clinical and Counseling Psychologists	31,639	86,730	119,847	No	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	49,527	66,057	77,347	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	46,695	95,353	114,382	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	27,828	55,655	48,212	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	42,043	70,745	81,172	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	37,982	59,799	70,740	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	34,133	68,180	92,803	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists	36,465	91,068	123,636	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	58,574	72,391	77,230	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	28,491	37,897	43,993	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	28,202	45,775	47,278	No	No	No	Associate's degree	No	No	No
19-4021	Biological Technicians	28,371	42,984	55,162	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	38,146	57,225	66,408	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4042	Environmental Science and Protection Technicians, Including Health	38,228	55,165	61,951	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,873	39,450	43,108	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	34,237	53,512	63,999	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-4051	Nuclear Technicians	37,072	60,216	76,438	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	29,174	46,762	53,702	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	32,255	44,733	53,228	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	35,574	57,826	70,986	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	40,543	46,811	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	42,087	67,956	81,721	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	39,804	54,632	57,956	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	33,735	48,922	58,264	Yes	No	Yes	Master's degree	No	Yes	Yes
21-1013	Marriage and Family Therapists	32,614	44,304	47,903	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	24,946	41,344	39,896	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	38,074	58,322	73,355	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	28,852	40,447	43,538	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	29,235	44,408	54,443	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	24,188	50,631	64,159	No	No	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	30,920	49,509	66,093	No	No	Yes	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	39,603	50,343	58,053	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	34,285	51,070	63,921	Yes	No	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	33,114	41,978	47,819	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	24,172	36,031	42,327	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	32,136	44,599	50,392	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	20,800	40,989	47,241	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	30,159	50,014	56,936	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	26,627	55,468	67,053	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	27,780	45,927	57,864	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	57,752	127,402	159,975	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
23-1012	Judicial Law Clerks	35,432	53,712	60,225	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	40,428	88,859	110,343	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	41,788	62,965	74,984	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	40,428	88,859	110,343	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	35,090	50,062	57,072	Yes	No	No	Associate's degree	No	No	No
23-2099	Title Examiners, Abstractors, and Searchers	32,808	51,820	58,443	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	30,430	49,753	51,548	No	No	No	Associate's degree	No	No	No
25-1011	Business Teachers, Postsecondary	36,349	82,948	98,084	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	46,994	82,204	98,589	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	47,118	67,000	77,618	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	36,797	97,638	122,423	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	44,619	85,645	117,824	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	42,609	59,116	71,878	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	47,621	74,943	79,751	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	42,609	59,116	71,878	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	44,391	61,003	59,106	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	37,868	77,462	93,040	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	42,230	68,645	85,578	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	45,491	61,145	60,424	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	44,391	80,885	95,031	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	46,108	63,572	72,987	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	44,610	56,490	51,863	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	44,391	61,003	59,106	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	43,074	60,652	56,006	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	48,438	77,847	89,259	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	45,434	95,676	114,269	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	43,984	61,894	72,826	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	45,237	82,672	94,565	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
25-1072	Nursing Instructors and Teachers, Postsecondary	47,840	72,641	77,231	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	21,563	71,492	81,425	No	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	45,965	70,408	77,585	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	44,551	62,253	61,928	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	43,026	134,037	198,197	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	58,120	66,663	73,253	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	46,974	93,855	95,822	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	45,977	69,345	81,038	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	46,619	63,937	74,075	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	38,978	64,444	74,826	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	39,878	52,801	46,468	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	43,225	63,970	74,978	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	35,972	70,854	81,340	Yes	Yes	Yes	Master's degree	No	No	No

## Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	41,765	71,261	75,168	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	34,772	63,686	73,781	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	37,374	62,856	76,457	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,445	30,266	33,691	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	47,112	49,038	47,112	Yes	No	No	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	47,508	53,520	59,269	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	47,429	49,615	48,888	Yes	No	No	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	47,669	49,151	47,669	Yes	No	No	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	47,809	56,968	58,740	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	44,799	59,400	64,388	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	37,033	44,976	47,389	Yes	No	No	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	41,689	54,783	61,685	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	44,638	60,405	74,504	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	46,383	50,605	56,629	Yes	No	No	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	30,001	47,462	57,610	No	No	No	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	36,093	42,150	48,626	Yes	No	No	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	20,800	38,060	47,584	No	No	No	Some college, no degree	No	No	Yes
25-3031	Substitute Teachers, Short-Term	20,800	39,715	36,263	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	21,870	40,502	49,125	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	24,182	42,904	51,809	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	27,847	44,591	53,247	No	No	No	Master's degree	No	No	No
25-4012	Curators	29,876	53,617	67,052	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	28,349	44,742	53,342	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	26,498	51,474	59,398	No	No	Yes	Master's degree	No	No	No
25-4031	Library Technicians	27,561	36,019	39,181	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	27,922	44,922	55,238	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	35,861	58,799	74,679	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	21,553	39,524	47,780	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,598	26,748	28,243	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	25,441	41,635	46,532	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	64,100	90,261	108,994	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	20,157	32,549	37,536	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,064	44,799	45,140	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	43,889	62,833	72,115	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,097	48,307	56,177	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	37,941	62,229	72,216	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	35,489	64,084	75,357	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	24,659	30,767	32,698	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	35,416	52,304	60,906	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	33,851	59,708	66,738	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	24,443	34,181	37,029	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	34,597	43,737	45,283	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	27,610	58,054	71,517	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	28,558	32,568	30,425	No	No	No	Some college, no degree	No	No	No
27-2012	Producers and Directors	35,180	59,063	66,961	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,073	61,420	61,079	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	25,142	60,085	62,483	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,119	43,917	44,145	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	28,558	32,568	30,425	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	28,558	32,568	30,425	No	No	No	Some college, no degree	No	No	No
27-2041	Music Directors and Composers	31,808	52,824	58,192	No	Yes	No	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	28,558	32,568	30,425	No	No	No	Some college, no degree	No	No	No
27-2091	Disc Jockeys, Except Radio	21,048	57,551	56,992	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,048	57,551	56,992	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,048	57,551	56,992	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	34,370	68,683	81,947	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	30,971	56,799	68,494	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	37,960	62,848	76,194	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	41,316	69,102	83,513	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	34,442	63,319	77,209	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	23,748	58,304	63,190	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	26,823	49,985	60,576	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,053	44,780	55,418	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	30,091	46,440	51,105	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	25,846	60,794	80,326	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	25,637	64,245	95,600	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	28,434	46,724	57,504	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	25,021	42,216	50,008	No	No	No	Some college, no degree	No	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	28,823	55,987	61,837	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	30,627	45,793	54,607	No	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	26,472	63,800	87,778	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	31,976	79,737	97,070	No	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	60,781	170,943	211,431	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	49,805	215,519	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	66,758	162,064	201,857	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	49,805	215,519	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	49,805	215,519	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

## Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	41,370	57,648	67,725	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	69,452	128,065	164,186	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	65,510	120,004	137,755	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	46,256	105,741	123,753	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	29,364	123,968	176,456	No	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	74,443	94,048	100,353	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	64,686	94,546	107,489	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	63,532	77,957	83,084	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	28,890	51,464	59,855	No	No	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	50,728	66,882	66,383	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	48,918	78,365	95,471	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1128	Exercise Physiologists	37,565	50,298	53,787	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	33,611	58,869	72,911	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	60,648	116,758	132,136	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	62,333	74,666	82,209	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	115,975	165,344	189,816	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	59,846	92,623	106,399	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	83,517	109,197	116,932	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	58,775	90,101	101,858	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	98,606	284,420	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	223,009	515,251	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	59,040	246,485	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	217,574	345,042	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	174,100	282,439	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	220,523	397,215	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	88,508	260,499	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	220,774	414,799	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	171,830	218,378	230,807	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	94,254	241,451	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	53,544	273,490	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	90,460	286,238	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1229	Physicians, All Other	131,940	296,003	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	96,719	208,190	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	61,296	390,549	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	61,628	303,809	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	226,935	456,156	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	27,496	47,937	51,758	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	62,224	75,611	80,179	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	29,980	52,602	68,171	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	30,787	55,979	76,527	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2031	Cardiovascular Technologists and Technicians	26,761	53,949	70,072	No	Yes	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	60,603	73,187	82,254	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	60,631	82,785	87,543	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	43,660	61,069	65,112	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	54,559	62,875	73,902	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	95,780	121,171	134,701	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	28,646	40,271	47,436	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	31,685	51,112	56,475	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2051	Dietetic Technicians	22,584	29,402	31,791	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,250	36,683	39,679	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	26,562	35,979	37,084	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	38,524	49,222	53,914	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	28,848	36,892	44,026	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	28,435	40,046	46,422	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	38,673	49,057	52,476	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	30,386	49,425	62,276	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	30,552	49,571	60,277	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	45,710	75,914	109,824	Yes	Yes	Yes	Master's degree	No	No	Yes
29-2092	Hearing Aid Specialists	29,582	50,308	63,525	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	30,842	41,853	46,088	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	31,200	50,007	62,537	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-9091	Athletic Trainers	40,046	50,529	59,492	Yes	No	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	48,772	84,166	97,638	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	32,578	58,338	68,104	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	34,150	86,203	80,549	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
31-1120	Home Health and Personal Care Aides	21,724	26,762	28,546	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	25,734	31,793	34,104	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	25,003	27,503	30,230	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	25,448	30,852	32,834	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	50,751	65,700	71,365	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	28,387	53,114	64,776	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	48,949	64,971	72,157	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	23,188	30,250	31,800	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	31,514	57,648	67,615	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	34,502	41,609	45,800	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	30,760	35,503	37,657	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	24,924	35,147	41,463	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	29,084	42,414	50,274	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	23,290	30,614	35,028	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	25,476	31,431	34,322	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	30,148	37,981	38,170	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	24,947	36,628	40,163	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	39,916	51,360	50,251	Yes	No	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	59,195	84,279	94,286	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	50,743	73,479	77,709	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	30,469	49,495	52,162	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	43,623	63,649	75,703	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	31,103	39,165	44,776	No	No	No	Postsecondary nondegree award	No	No	No
33-2021	Fire Inspectors and Investigators	45,293	66,167	73,512	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	52,773	86,782	97,970	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	27,666	52,498	61,828	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	35,944	46,193	47,994	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
33-3021	Detectives and Criminal Investigators	40,001	53,352	59,270	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Warden	25,637	27,799	27,960	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	30,103	38,617	40,191	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	41,677	54,411	65,176	Yes	Yes	Yes	Associate's degree	Yes	No	Yes
33-3052	Transit and Railroad Police	56,622	70,351	57,741	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	26,832	37,878	41,907	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	34,462	56,348	73,735	Yes	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	26,898	33,782	36,617	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,680	32,691	34,219	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	28,123	30,729	33,277	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	23,824	28,696	29,756	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	33,450	41,585	45,415	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	21,646	25,846	26,993	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	29,642	42,169	46,365	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	31,399	54,207	62,959	No	Yes	Yes	Associate's degree	No	No	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,932	38,122	44,611	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	22,116	25,527	28,126	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	27,599	30,775	34,668	No	No	No	No formal educational credential	Yes	No	No
35-2013	Cooks, Private Household	30,672	55,807	68,768	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	23,023	31,285	34,879	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	23,161	29,515	33,208	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	24,312	30,810	34,511	No	No	No	No formal educational credential	Yes	No	No
35-2021	Food Preparation Workers	23,172	30,143	34,117	No	No	No	No formal educational credential	No	No	No
35-3011	Bartenders	20,800	33,834	36,427	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,027	25,159	26,800	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,800	32,126	36,302	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,326	27,469	30,017	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,860	27,215	32,568	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,664	25,935	28,277	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,116	27,451	28,692	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	21,108	26,203	27,593	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	28,340	43,679	52,735	No	No	No	High school diploma or equivalent	No	No	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	34,507	51,388	61,364	Yes	No	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,402	28,034	29,669	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	22,411	28,263	29,713	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,172	28,842	31,478	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	29,959	41,047	46,353	No	No	No	High school diploma or equivalent	No	No	No
37-3011	Landscaping and Groundskeeping Workers	24,960	32,677	35,621	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	22,896	37,765	41,997	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	24,842	35,937	39,327	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	31,288	54,736	67,175	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	29,030	48,397	56,192	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	28,608	43,806	50,430	No	No	No	Some college, no degree	No	Yes	Yes
39-2011	Animal Trainers	28,642	37,974	40,733	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	22,959	30,822	32,591	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,356	33,374	45,074	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,318	27,117	29,174	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	19,721	30,710	35,707	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	30,169	36,465	40,770	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20,827	25,430	27,510	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,800	25,660	26,690	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	24,519	39,385	45,833	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,485	28,719	31,402	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,082	27,486	27,534	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	30,975	44,268	49,597	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	29,468	37,555	44,884	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	22,423	28,908	32,018	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	32,881	52,631	61,259	No	Yes	Yes	Associate's degree	No	No	No
39-5011	Barbers	20,707	32,028	35,356	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	21,442	34,970	43,836	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	23,287	32,566	35,424	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	19,721	23,267	25,106	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	22,938	41,212	44,392	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,938	28,703	31,790	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	24,236	30,420	33,135	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	21,617	34,502	37,954	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	22,205	27,316	29,314	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	37,526	46,621	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	21,402	30,740	35,930	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	24,835	38,454	43,662	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	19,721	29,183	30,975	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,022	49,204	55,223	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	42,230	84,677	95,978	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,695	26,085	28,125	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,129	31,554	32,692	No	No	No	No formal educational credential	No	No	No
41-2021	Counter and Rental Clerks	23,388	35,739	39,358	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	22,580	37,671	43,829	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,099	33,487	34,546	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	29,994	60,582	64,568	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	30,560	65,878	65,697	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	30,991	64,897	66,038	No	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	22,299	39,750	43,536	No	No	No	Some college, no degree	No	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	32,930	57,087	64,269	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	41,369	93,116	123,224	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	31,028	67,141	76,802	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	22,298	33,963	37,080	No	No	No	No formal educational credential	No	Yes	Yes
41-9012	Models	20,840	30,985	33,317	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	42,591	65,423	66,156	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	28,481	51,562	62,273	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	38,631	88,787	100,592	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	20,366	29,714	31,175	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,442	33,640	47,331	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	20,800	38,011	48,955	No	No	No	Some college, no degree	No	No	Yes
43-1011	First-Line Supervisors of Office and Administrative Support Workers	38,042	61,782	73,536	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	27,684	32,596	36,086	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	24,708	29,686	32,502	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,025	46,639	54,698	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	29,656	38,615	44,492	No	No	No	High school diploma or equivalent	No	No	No
43-3021	Billing and Posting Clerks	28,771	39,400	43,565	No	No	No	High school diploma or equivalent	No	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,461	43,229	50,575	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,039	30,388	36,152	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	35,063	47,671	56,478	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,219	42,938	49,978	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	30,555	36,771	37,170	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	34,019	51,578	57,770	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	40,220	52,163	55,276	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	31,705	35,413	38,494	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	31,160	39,196	42,325	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	27,373	41,414	48,269	No	No	No	Some college, no degree	No	Yes	Yes
43-4051	Customer Service Representatives	28,177	37,326	40,066	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	34,291	39,561	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	22,031	33,366	37,091	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	23,225	28,756	29,176	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	29,515	36,144	37,453	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	20,800	30,005	35,284	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	31,002	43,273	47,617	No	No	No	High school diploma or equivalent	Yes	No	No
43-4141	New Accounts Clerks	34,379	41,177	44,600	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	28,202	38,861	44,696	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	31,399	42,956	50,458	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	22,547	30,578	34,056	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	30,356	35,884	37,688	No	No	No	High school diploma or equivalent	Yes	No	No
43-4199	Information and Record Clerks, All Other	28,800	39,371	46,912	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	30,008	47,786	57,542	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-5021	Couriers and Messengers	24,776	32,278	34,758	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	36,558	46,174	48,307	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	30,065	45,730	51,193	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5041	Meter Readers, Utilities	28,700	42,622	49,678	No	No	No	High school diploma or equivalent	No	No	No
43-5051	Postal Service Clerks	39,770	59,132	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	54,864	71,282	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	36,579	49,454	63,676	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	33,964	54,540	61,863	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	27,355	38,616	45,726	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	33,078	40,380	45,319	No	No	No	High school diploma or equivalent	Yes	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	36,601	58,171	68,472	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	30,978	44,276	50,602	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	29,027	35,992	38,403	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	27,783	40,608	48,175	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	25,473	34,476	37,922	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	23,654	32,031	36,077	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,376	47,444	57,333	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	37,548	45,509	50,454	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	21,230	30,036	36,153	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	26,352	39,547	45,961	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	23,592	33,735	39,943	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	26,737	33,052	34,616	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	33,621	43,595	48,326	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	28,085	39,813	44,591	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	31,872	52,173	62,377	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	27,040	41,082	54,725	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	25,647	35,318	37,356	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	22,318	25,234	26,391	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,434	40,394	45,003	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	22,464	27,059	28,701	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	29,788	33,391	34,395	No	No	No	No formal educational credential	Yes	Yes	No
45-2099	Agricultural Workers, All Other	22,374	36,849	37,512	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	25,381	34,095	40,808	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,032	40,068	47,274	No	No	No	Postsecondary nondegree award	No	No	No
45-4021	Fallers	37,119	44,098	49,872	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	20,874	32,974	42,178	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,162	24,945	25,950	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	39,452	42,751	44,259	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	44,205	67,606	79,138	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	19,721	44,420	54,043	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	27,506	40,246	45,874	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	27,638	44,069	54,717	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	30,274	43,353	49,548	No	No	No	Postsecondary nondegree award	No	No	No
47-2041	Carpet Installers	27,464	39,347	42,640	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	32,009	43,007	48,506	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,030	37,309	46,468	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	30,049	43,623	49,335	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	29,678	45,206	50,347	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	33,208	49,246	54,783	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	27,242	37,584	42,390	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	28,412	39,812	42,862	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	32,834	45,852	47,226	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	34,111	46,164	48,744	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2081	Drywall and Ceiling Tile Installers	21,859	36,485	45,299	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,117	39,793	44,666	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	35,558	48,007	52,477	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	27,117	39,793	44,666	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	27,761	41,234	45,814	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	34,521	46,487	48,383	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	29,682	39,194	44,271	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,112	35,062	42,220	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	30,160	37,102	41,600	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	31,617	46,619	51,951	No	No	No	Postsecondary nondegree award	No	Yes	Yes
47-2161	Plasterers and Stucco Masons	25,514	39,632	44,847	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	35,386	48,846	53,458	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	27,556	41,033	47,217	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	33,815	45,492	51,105	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2221	Structural Iron and Steel Workers	34,266	44,788	52,302	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	33,687	41,215	44,382	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	19,721	32,540	36,181	No	No	No	No formal educational credential	No	Yes	No
47-3012	Helpers—Carpenters	28,463	34,471	40,429	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	29,523	36,078	38,963	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	25,865	30,317	31,149	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	29,221	35,178	36,830	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	34,311	37,676	38,367	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	26,510	35,081	38,750	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	40,233	60,297	76,355	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	46,259	80,221	97,676	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	27,600	38,020	44,116	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	30,586	37,887	37,924	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	27,040	34,300	39,454	No	No	No	High school diploma or equivalent	No	Yes	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	42,732	51,995	59,031	Yes	Yes	Yes	High school diploma or equivalent	Yes	No	No
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	28,984	45,188	52,640	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	28,705	41,118	44,575	No	No	No	High school diploma or equivalent	No	No	No
47-5011	Derrick Operators, Oil and Gas	32,436	46,904	57,969	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	38,816	51,190	53,493	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	35,394	51,483	59,201	Yes	No	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	28,984	39,355	37,778	No	No	No	High school diploma or equivalent	No	No	No
47-5023	Earth Drillers, Except Oil and Gas	36,833	46,230	48,500	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	50,403	67,194	77,443	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,036	38,162	42,220	No	No	No	No formal educational credential	Yes	Yes	Yes



Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining	26,036	38,162	42,220	No	No	No	High school diploma or equivalent	No	No	No
47-5044	Loading and Moving Machine Operators, Underground Mining	33,990	38,485	42,675	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	33,990	38,485	42,675	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	34,986	36,468	84,659	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	32,436	46,904	57,969	No	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers—Extraction Workers	28,661	34,035	39,718	No	No	No	High school diploma or equivalent	No	No	No
47-5099	Extraction Workers, All Other	26,358	42,505	41,547	No	No	No	High school diploma or equivalent	No	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	43,717	70,008	82,918	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	33,986	43,676	48,591	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,200	55,674	68,208	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	31,336	53,002	61,993	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
49-2091	Avionics Technicians	36,380	64,928	74,409	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	33,119	43,320	46,904	No	No	No	High school diploma or equivalent	Yes	No	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	38,001	53,342	60,320	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	41,973	64,848	76,255	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	37,784	75,187	96,254	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	31,487	42,059	46,060	No	No	No	Postsecondary nondegree award	No	No	No
49-2097	Audiovisual Equipment Installers and Repairers	36,228	44,676	47,937	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2098	Security and Fire Alarm Systems Installers	34,752	48,839	57,034	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3011	Aircraft Mechanics and Service Technicians	39,105	59,008	67,512	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-3021	Automotive Body and Related Repairers	30,292	49,399	49,584	No	No	No	Postsecondary nondegree award	No	Yes	No
49-3022	Automotive Glass Installers and Repairers	28,717	44,364	47,235	No	No	No	High school diploma or equivalent	No	No	No
49-3023	Automotive Service Technicians and Mechanics	28,220	46,618	58,434	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	36,768	52,295	59,037	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	27,456	37,286	41,600	No	No	No	High school diploma or equivalent	No	No	No
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	29,914	53,364	64,105	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
49-3043	Rail Car Repairers	37,646	44,005	49,279	Yes	No	No	High school diploma or equivalent	Yes	No	No
49-3051	Motorboat Mechanics and Service Technicians	31,535	48,952	57,589	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3052	Motorcycle Mechanics	35,929	50,927	62,103	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	29,046	38,132	43,139	No	No	No	High school diploma or equivalent	No	No	No
49-3091	Bicycle Repairers	22,243	34,673	41,414	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	28,994	46,098	58,130	No	No	No	High school diploma or equivalent	No	Yes	Yes
49-3093	Tire Repairers and Changers	27,757	33,409	36,389	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	29,582	43,652	51,540	No	No	No	High school diploma or equivalent	No	No	Yes
49-9012	Control and Valve Installers and Refrigerers, Except Mechanical Door	35,662	52,513	61,097	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	35,865	48,024	55,709	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9031	Home Appliance Repairers	27,095	41,762	47,445	No	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	36,226	55,898	66,934	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9043	Maintenance Workers, Machinery	31,177	44,578	48,606	No	No	No	High school diploma or equivalent	Yes	No	No
49-9044	Millwrights	40,826	50,161	64,316	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons	24,803	32,872	36,143	No	No	No	High school diploma or equivalent	No	No	No
49-9051	Electrical Power-Line Installers and Repairers	40,301	68,202	87,760	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	37,947	52,354	59,484	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	38,162	50,715	56,575	Yes	No	No	Associate's degree	Yes	No	No
49-9062	Medical Equipment Repairers	33,221	49,086	51,049	Yes	No	No	Associate's degree	No	No	No
49-9063	Musical Instrument Repairers and Tuners	27,050	39,821	48,857	No	No	No	High school diploma or equivalent	No	No	No
49-9064	Watch and Clock Repairers	23,485	27,941	27,259	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	39,520	46,813	50,688	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	28,147	43,417	50,016	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians	45,795	64,587	74,874	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	27,213	41,680	47,220	No	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	37,499	50,507	54,100	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9094	Locksmiths and Safe Repairers	30,527	44,197	54,877	No	No	No	High school diploma or equivalent	Yes	No	Yes
49-9095	Manufactured Building and Mobile Home Installers	20,726	29,307	37,081	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	31,563	49,066	56,973	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	44,818	60,055	67,810	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers—Installation, Maintenance, and Repair Workers	27,671	33,948	36,193	No	No	No	High school diploma or equivalent	Yes	No	Yes
49-9099	Installation, Maintenance, and Repair Workers, All Other	28,174	40,392	45,731	No	No	No	High school diploma or equivalent	No	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	38,822	67,067	83,633	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	31,355	44,628	52,953	No	No	No	Postsecondary nondegree award	No	No	Yes
51-2021	Coil Winders, Tapers, and Finishers	31,516	43,159	45,984	No	No	No	High school diploma or equivalent	Yes	No	No
	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	27,012	40,460	45,705	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	31,924	41,215	45,757	No	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	30,426	39,354	45,331	No	No	No	High school diploma or equivalent	Yes	No	No
51-2051	Fiberglass Laminators and Fabricators	27,998	35,858	38,447	No	No	No	High school diploma or equivalent	No	No	No
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	24,930	35,489	40,510	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	23,193	31,527	36,669	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	27,792	38,339	43,575	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	24,312	33,994	39,227	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughterers and Meat Packers	25,239	26,538	27,543	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	23,599	35,128	34,493	No	No	No	No formal educational credential	No	Yes	No
51-3092	Food Batchmakers	24,511	37,613	46,074	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	26,405	32,793	35,062	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	26,741	33,962	34,597	No	No	No	No formal educational credential	Yes	Yes	No
	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	30,730	39,113	41,454	No	No	No	High school diploma or equivalent	Yes	No	No

Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	28,776	38,011	43,415	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	36,981	43,415	45,295	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	27,960	35,257	38,766	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,596	53,361	79,273	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	24,632	32,350	34,465	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,491	36,920	45,359	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	27,381	44,915	55,486	No	No	No	Postsecondary nondegree award	No	No	Yes
51-4041	Machinists	23,757	43,844	51,195	No	No	No	Postsecondary nondegree award	No	No	No
51-4051	Metal-Refining Furnace Operators and Tenders	37,129	47,340	48,222	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	28,302	44,249	53,664	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic	31,345	49,369	57,457	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	25,609	47,909	74,030	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	22,072	38,124	52,128	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	27,985	35,289	40,714	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,445	37,057	37,873	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	39,136	49,719	52,686	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	31,959	45,358	51,328	No	No	No	Postsecondary nondegree award	No	No	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	30,754	37,470	43,493	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	23,665	38,665	44,941	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic										
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	28,529	38,172	42,543	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,112	34,939	36,882	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	27,752	37,043	43,453	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	35,914	47,703	60,702	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-5112	Printing Press Operators	28,870	41,281	49,280	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	30,295	38,959	42,521	No	No	No	High school diploma or equivalent	Yes	No	No
51-6011	Laundry and Dry-Cleaning Workers	21,332	26,331	29,401	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	22,603	27,154	27,970	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	22,420	30,625	36,201	No	No	No	No formal educational credential	No	No	Yes
51-6041	Shoe and Leather Workers and Repairers	22,338	31,269	35,299	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	25,666	37,081	43,870	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	20,906	28,254	28,804	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	27,117	33,545	35,261	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	21,883	26,206	26,785	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	26,311	31,459	34,521	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,168	30,094	32,767	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,063	31,848	36,200	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,037	55,816	79,387	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	25,609	47,909	74,030	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	26,605	36,048	40,665	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	25,941	32,398	36,133	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,148	39,842	43,746	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	29,164	43,396	51,009	No	No	No	High school diploma or equivalent	No	No	Yes
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	23,201	29,178	35,328	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	24,718	32,644	36,541	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,112	30,919	31,250	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	46,032	72,627	91,950	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	50,886	84,156	98,340	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	52,729	90,672	110,844	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	45,738	59,732	64,587	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	33,848	50,198	58,148	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	39,670	58,765	63,620	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	32,777	49,417	59,751	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	45,965	59,656	75,168	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	40,337	50,732	52,000	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	36,625	54,178	59,787	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	28,302	53,083	64,334	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	29,584	43,248	55,108	No	No	No	High school diploma or equivalent	No	No	Yes
51-9022	Grinding and Polishing Workers, Hand	27,003	33,725	36,674	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	31,499	42,372	49,125	No	No	No	High school diploma or equivalent	Yes	No	No
51-9031	Cutters and Trimmers, Hand	20,811	33,810	37,982	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	27,747	37,113	41,987	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	27,153	37,797	41,535	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29,079	37,243	41,803	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	29,194	44,697	51,352	No	No	No	Postsecondary nondegree award	No	No	No
51-9071	Jewelers and Precious Stone and Metal Workers	23,874	46,430	54,271	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	29,170	53,469	53,405	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 17

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	32,565	45,234	50,944	No	No	No	Postsecondary nondegree award	Yes	No	No
51-9083	Ophthalmic Laboratory Technicians	29,349	35,203	34,969	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	24,160	39,845	46,470	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,912	34,057	40,267	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	29,617	38,553	40,057	No	No	No	High school diploma or equivalent	No	No	No
51-9141	Semiconductor Processing Technicians	36,105	45,434	48,184	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	22,196	33,564	36,143	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	31,616	43,070	49,560	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	30,553	52,651	59,689	No	Yes	Yes	Associate's degree	No	No	No
51-9191	Adhesive Bonding Machine Operators and Tenders	22,063	31,848	36,200	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	26,737	39,937	50,738	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	24,519	44,538	47,302	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	27,714	33,052	36,427	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	29,964	39,383	42,978	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	37,286	44,572	50,349	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9197	Tire Builders	27,534	35,631	38,504	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	21,978	32,103	36,256	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	26,200	36,572	41,511	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	35,896	54,129	59,050	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	39,268	61,780	72,374	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	103,280	256,678	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	36,263	97,249	120,251	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	75,812	119,806	149,093	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	75,812	119,806	149,093	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	33,384	65,686	75,007	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	24,414	29,070	30,862	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	33,325	38,232	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,517	49,799	55,059	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	28,425	49,446	65,607	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
53-3051	Bus Drivers, School	28,262	29,162	28,262	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	31,200	34,593	37,703	No	No	No	High school diploma or equivalent	Yes	No	No
53-3053	Shuttle Drivers and Chauffeurs	22,546	31,930	32,170	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	19,787	30,046	30,283	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	22,350	31,109	32,422	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	53,655	65,174	70,408	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	30,530	51,180	49,303	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	37,100	56,101	58,680	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	60,083	67,820	70,456	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	27,704	39,594	49,729	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	39,120	39,774	39,129	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	27,610	43,178	47,634	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	35,451	81,767	120,014	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	29,432	47,846	49,519	No	No	No	Postsecondary nondegree award	No	Yes	No
53-5031	Ship Engineers	68,806	93,192	103,716	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	22,831	30,378	34,493	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	20,800	25,244	27,703	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	23,065	31,593	35,459	No	No	No	No formal educational credential	No	No	Yes
53-6032	Aircraft Service Attendants	28,254	35,052	35,422	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	32,208	47,707	50,758	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	38,957	57,416	76,985	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,176	30,900	36,114	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	19,721	29,146	30,881	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	26,928	32,637	35,967	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	28,004	51,920	67,995	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
53-7031	Dredge Operators	33,858	44,875	46,733	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	30,587	47,928	49,113	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,141	40,924	47,485	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,318	30,602	34,057	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	27,036	34,261	37,620	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,534	35,631	38,504	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	22,264	27,261	31,447	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	28,126	34,825	36,558	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,108	34,721	32,255	No	No	No	High school diploma or equivalent	No	No	No
53-7072	Pump Operators, Except Wellhead Pumps	31,204	41,682	48,814	No	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps	29,108	34,721	32,255	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	27,788	40,338	45,572	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	41,111	57,295	58,177	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	24,474	31,893	36,843	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 17

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	33,138	51,600	58,219	824
No formal educational credential	23,857	31,641	34,681	84
High school diploma or equivalent	30,035	44,758	50,838	235
Some college, no degree	28,779	40,254	46,443	49
Postsecondary nondegree award	32,042	45,558	51,404	89
Associate's degree	37,917	54,589	62,017	68
Bachelor's degree	46,280	82,428	95,992	184
Master's degree	49,893	77,707	88,957	42
Doctoral or professional degree	76,693	154,249	148,652	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	530	294	490	334	482	342
No formal educational credential	45.24%	54.76%	38.10%	61.90%	39.29%	60.71%
High school diploma or equivalent	71.06%	28.94%	78.30%	21.70%	79.57%	20.43%
Some college, no degree	42.86%	57.14%	30.61%	69.39%	28.57%	71.43%
Postsecondary nondegree award	55.06%	44.94%	37.08%	62.92%	35.96%	64.04%
Associate's degree	63.24%	36.76%	41.18%	58.82%	41.18%	58.82%
Bachelor's degree	64.13%	35.87%	65.76%	34.24%	65.22%	34.78%
Master's degree	80.95%	19.05%	61.90%	38.10%	54.76%	45.24%
Doctoral or professional degree	82.19%	17.81%	69.86%	30.14%	61.64%	38.36%

Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	53,987	238,395	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	38,930	108,846	132,984	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	21,471	73,479	102,708	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	50,823	93,082	92,029	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
11-2021	Marketing Managers	69,198	144,156	175,806	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	50,133	122,246	158,129	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	61,996	112,144	132,211	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	63,668	135,211	166,612	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	39,209	92,962	112,238	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3013	Facilities Managers	50,553	89,267	103,139	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	84,073	149,715	172,647	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	67,977	151,732	173,040	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	57,777	117,042	138,749	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	68,104	128,129	159,308	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	51,592	116,526	142,064	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	71,589	119,347	149,473	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	74,650	129,882	159,179	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	65,200	126,337	149,989	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,664	86,960	121,492	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	50,919	110,002	131,048	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	31,114	50,304	54,567	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	61,515	95,580	102,540	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	59,927	102,563	108,099	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	39,266	67,300	76,550	Yes	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	79,997	149,949	168,798	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	45,653	72,113	79,961	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	60,408	115,960	117,184	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	40,468	86,250	97,975	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	33,770	64,517	67,908	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	60,085	115,363	132,180	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	43,461	117,800	182,755	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9131	Postmasters and Mail Superintendents	75,275	92,314	105,643	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	36,884	80,559	81,329	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	44,401	71,956	84,406	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	68,241	77,436	78,086	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9171	Funeral Home Managers	45,840	79,216	80,263	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Services Managers, All Other	47,756	68,586	81,688	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	49,072	113,779	138,476	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	30,468	64,057	77,854	No	Yes	Yes	Bachelor's degree	No	No	No
13-1020	Buyers and Purchasing Agents	35,980	64,437	76,887	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	41,125	70,076	82,122	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	48,424	67,350	76,993	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	39,344	66,664	78,007	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	35,561	68,478	85,622	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	37,981	64,741	77,372	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	23,664	86,960	121,492	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	35,979	75,624	95,796	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	48,651	86,042	97,915	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-1082	Project Management Specialists	40,123	86,768	104,255	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1111	Management Analysts	51,169	99,484	107,673	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	30,482	54,042	64,617	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	37,830	64,845	83,222	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	43,339	67,465	77,546	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	31,926	62,542	79,769	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	35,786	66,282	79,564	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	34,588	69,205	81,420	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	39,034	78,582	88,692	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	40,579	62,278	67,188	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	43,133	71,978	87,346	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2041	Credit Analysts	45,012	72,009	91,495	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2051	Financial and Investment Analysts	50,715	89,300	99,463	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
13-2052	Personal Financial Advisors	38,186	106,348	121,431	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	48,638	77,700	103,105	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-2054	Financial Risk Specialists	52,550	102,697	114,519	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	45,441	68,177	94,858	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	33,386	48,131	48,444	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	25,988	76,275	99,126	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	30,347	52,169	62,335	No	No	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	21,957	52,862	78,242	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	37,266	66,249	86,966	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	46,635	90,438	111,256	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	65,075	110,601	133,787	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	82,113	165,544	219,682	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	42,385	82,626	85,954	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	35,799	57,795	67,563	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	73,496	117,767	138,034	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	58,119	98,253	126,444	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	84,310	152,631	171,597	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	50,665	90,066	104,069	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1251	Computer Programmers	50,167	97,121	108,638	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	61,693	112,735	137,404	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	59,895	89,814	107,219	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	32,476	75,213	89,245	No	Yes	Yes	Associate's degree	No	Yes	Yes
15-1255	Web and Digital Interface Designers	41,190	74,174	85,091	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	46,912	97,077	113,090	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2011	Actuaries	64,272	124,695	160,421	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	39,162	93,060	127,973	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	40,435	76,261	91,504	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	39,867	82,065	99,404	Yes	Yes	Yes	Master's degree	No	No	Yes
15-2051	Data Scientists	62,720	104,744	118,622	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	39,867	82,065	99,404	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	49,798	107,295	122,879	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	32,083	60,239	75,696	No	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	43,323	67,389	79,255	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	36,102	67,942	77,210	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	75,721	113,434	132,016	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	58,225	96,731	121,168	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	65,969	106,845	131,429	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	64,594	101,360	118,573	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	65,509	117,154	136,197	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	60,407	101,875	125,296	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	65,719	98,184	107,919	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	34,874	83,328	103,908	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	47,880	73,331	93,647	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2112	Industrial Engineers	62,793	94,430	109,632	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	61,646	80,865	89,454	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	66,500	101,875	129,981	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	53,522	87,072	99,999	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	45,468	94,704	106,522	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2161	Nuclear Engineers	79,402	114,442	124,037	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	65,793	128,541	154,212	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	42,041	92,888	106,512	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-3011	Architectural and Civil Drafters	37,655	58,068	64,126	Yes	Yes	Yes	Associate's degree	No	No	No
17-3012	Electrical and Electronics Drafters	46,545	57,974	62,579	Yes	Yes	Yes	Associate's degree	Yes	No	No
17-3013	Mechanical Drafters	35,735	59,660	70,462	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	35,457	51,089	52,725	Yes	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	35,579	76,504	104,603	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	37,822	57,285	66,397	Yes	Yes	Yes	Associate's degree	No	No	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	24,294	56,792	73,299	No	Yes	Yes	Associate's degree	No	No	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	45,007	69,689	78,716	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	30,733	45,242	51,136	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	38,054	58,394	64,271	Yes	Yes	Yes	Associate's degree	No	Yes	No
17-3027	Mechanical Engineering Technologists and Technicians	48,666	63,830	71,053	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3028	Calibration Technologists and Technicians	42,182	56,550	64,002	Yes	Yes	Yes	Associate's degree	Yes	No	No
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	38,272	67,896	87,422	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	31,124	48,122	51,110	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	36,539	79,930	119,171	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	38,849	77,140	106,267	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	39,016	81,311	101,411	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1021	Biochemists and Biophysicists	39,260	85,981	108,362	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	35,648	58,626	71,814	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	33,288	53,036	61,666	No	No	Yes	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	38,390	55,776	67,309	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	34,299	58,935	71,001	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1032	Foresters	36,597	59,145	69,650	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	56,668	85,286	100,363	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	57,677	80,458	79,581	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1099	Life Scientists, All Other	55,229	84,816	90,641	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	76,269	156,003	218,839	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	76,269	156,003	218,839	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	61,289	82,192	88,546	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	48,227	74,932	91,962	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2032	Materials Scientists	67,428	113,718	133,035	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	37,440	65,483	69,014	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	47,230	90,260	108,744	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	42,432	66,782	79,647	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	44,312	105,738	131,008	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	59,311	94,195	114,834	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	51,792	98,670	125,134	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	72,871	125,408	151,754	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	40,693	104,667	131,878	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	52,650	77,228	82,840	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	48,219	98,464	118,114	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,735	57,471	49,785	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	50,632	71,993	82,378	Yes	Yes	Yes	Master's degree	No	No	No

## Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	39,221	61,749	73,048	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	35,246	70,404	95,830	Yes	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	37,655	94,039	127,669	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	65,000	85,886	94,297	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	29,421	39,133	45,428	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	31,898	51,675	71,187	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	31,236	45,719	53,685	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	31,398	50,255	60,868	No	No	Yes	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	32,248	48,534	50,990	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,997	39,858	43,549	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	35,354	55,258	66,087	Yes	Yes	Yes	Associate's degree	No	No	Yes
19-4051	Nuclear Technicians	38,281	62,180	78,932	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	30,126	48,287	55,454	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	33,308	46,192	54,964	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	40,490	51,473	57,364	Yes	No	No	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	28,899	53,326	62,005	No	No	Yes	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	35,110	68,511	84,262	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	42,892	65,344	77,724	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	38,520	61,571	76,715	Yes	Yes	Yes	Master's degree	No	Yes	Yes
21-1013	Marriage and Family Therapists	35,318	41,468	45,296	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	24,984	45,764	52,822	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	37,163	53,384	61,484	Yes	No	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	37,319	44,235	47,042	Yes	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	37,008	46,692	48,199	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	33,623	58,296	70,699	Yes	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	30,663	52,712	65,582	No	No	Yes	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	37,834	57,366	72,821	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	35,892	63,741	82,670	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,282	43,321	46,966	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	28,625	39,509	45,515	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	31,483	45,880	51,593	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	31,606	57,509	58,997	No	Yes	No	Bachelor's degree	No	No	No
21-2011	Clergy	27,682	56,769	66,978	No	Yes	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	27,876	67,070	67,123	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	29,764	51,787	62,703	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	49,982	104,862	123,737	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	36,587	55,464	62,190	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	41,747	91,758	113,943	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	33,141	61,583	75,701	No	Yes	Yes	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	41,747	91,758	113,943	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	35,564	52,628	62,001	Yes	No	Yes	Associate's degree	No	No	No
23-2099	Title Examiners, Abstractors, and Searchers	31,491	43,125	45,692	No	No	No	High school diploma or equivalent	Yes	No	No
23-2099	Legal Support Workers, All Other	29,426	70,320	115,211	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	40,097	73,181	79,206	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	47,230	89,192	110,526	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	46,740	74,467	88,213	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,997	100,824	126,416	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	46,075	88,438	121,668	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	43,999	61,044	74,223	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	51,548	87,401	97,994	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	43,999	61,044	74,223	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	45,840	62,993	61,035	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	39,104	79,989	96,075	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,607	70,884	88,370	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	46,975	63,140	62,395	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	45,840	83,524	98,131	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,612	65,646	75,368	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	46,065	58,332	53,555	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	45,840	62,993	61,035	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	44,479	62,630	57,833	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	46,721	80,214	91,239	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	46,917	98,797	117,996	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	45,419	63,913	75,202	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	46,613	91,953	99,717	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
25-1072	Nursing Instructors and Teachers, Postsecondary	47,240	78,481	92,786	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	37,146	73,165	83,994	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	47,465	72,705	80,116	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	41,884	57,050	59,654	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	44,430	138,410	204,663	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	60,016	68,838	75,642	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	45,986	85,746	96,467	Yes	Yes	Yes	Master's degree	No	Yes	No
25-1122	Communications Teachers, Postsecondary	45,017	78,462	97,328	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	43,539	67,291	77,072	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	40,249	66,547	77,267	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	41,179	54,524	47,984	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	44,635	66,057	77,424	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	37,146	73,165	83,994	Yes	Yes	Yes	Master's degree	No	No	No

## Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	43,128	73,586	77,620	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	23,774	49,475	60,280	No	No	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	36,372	64,562	76,024	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	23,534	33,811	35,918	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	46,578	63,039	62,566	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	48,138	62,481	62,150	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	45,218	60,738	62,559	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	46,672	64,500	73,097	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	50,258	65,939	78,781	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	48,589	57,934	61,738	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	38,116	57,042	62,134	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	34,463	47,193	49,242	Yes	No	No	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	46,094	62,376	76,935	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	48,542	63,535	78,630	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	52,349	64,166	81,324	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	36,597	56,316	72,519	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,981	41,236	49,243	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	20,800	38,700	36,883	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	22,755	46,704	54,410	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	22,957	47,880	60,620	No	No	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	28,755	46,045	54,984	No	No	No	Master's degree	No	No	No
25-4012	Curators	36,723	52,422	62,719	Yes	No	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	29,274	46,202	55,082	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	36,239	56,931	62,362	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	28,089	40,758	46,212	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,833	46,388	57,040	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	31,628	60,091	76,334	No	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	21,293	32,922	38,922	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	23,015	31,099	35,400	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	23,811	47,416	62,023	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	54,333	96,778	103,563	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	20,815	33,611	38,761	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	27,175	46,420	54,956	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	45,321	64,882	74,467	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,916	49,883	58,009	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	23,121	48,428	69,567	No	No	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	36,646	66,175	77,816	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	28,477	35,452	39,578	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	31,009	51,945	59,794	No	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	32,699	53,940	65,660	No	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,303	36,268	38,880	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	35,726	45,164	46,760	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	28,510	59,948	73,850	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	29,489	33,631	31,418	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	38,224	76,811	91,150	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	24,858	63,424	63,071	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	28,377	64,821	65,010	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	22,883	47,339	50,108	No	No	No	Some college, no degree	No	Yes	Yes
27-2031	Dancers	29,489	33,631	31,418	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,489	33,631	31,418	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	31,576	67,242	84,619	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,489	33,631	31,418	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,735	59,429	58,851	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,735	59,429	58,851	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,637	42,653	49,974	No	No	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	35,923	59,308	65,669	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	33,687	64,024	75,550	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	38,338	67,774	75,937	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	52,014	76,938	80,438	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	35,339	60,286	71,033	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	25,243	61,556	65,841	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	27,967	52,004	63,157	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,707	46,241	57,226	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	36,553	54,001	61,774	Yes	Yes	Yes	Associate's degree	No	No	No
27-4012	Broadcast Technicians	24,365	44,834	58,908	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	26,474	66,341	98,719	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	29,362	48,248	59,380	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	27,433	41,766	52,765	No	No	No	Some college, no degree	No	No	Yes
27-4031	Camera Operators, Television, Video, and Film	33,810	55,702	68,314	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	36,027	59,196	67,264	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	27,335	65,881	90,641	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	49,422	86,188	101,222	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	63,631	194,286	208,442	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	51,430	222,550	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	68,936	167,351	208,442	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	51,430	222,550	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	51,430	222,550	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*



Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	44,949	66,804	79,073	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	71,419	122,036	162,933	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
29-1051	Pharmacists	58,373	117,367	138,409	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	85,382	118,126	132,959	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	62,320	186,080	182,213	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	73,424	93,334	104,188	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	57,282	94,966	106,978	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	62,317	83,739	87,988	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	28,509	49,299	53,963	No	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	60,886	70,299	77,666	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	53,353	84,448	98,845	Yes	Yes	Yes	Master's degree	No	No	Yes
29-1128	Exercise Physiologists	38,790	51,939	55,542	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	34,708	60,790	75,290	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	63,930	117,379	135,123	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	62,421	79,103	83,234	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	91,747	153,010	191,984	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	61,798	95,644	109,870	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	83,581	117,016	127,104	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	60,692	93,040	105,180	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	101,822	293,698	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	176,662	419,831	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	60,966	254,526	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	201,647	339,636	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	165,222	244,726	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	127,874	271,142	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	91,395	268,997	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	60,966	254,526	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	119,132	191,347	233,241	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	65,556	168,489	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1223	Psychiatrists	56,055	233,826	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	49,815	298,055	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	108,318	345,326	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	99,874	214,982	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	63,639	313,720	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	63,639	313,720	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	63,639	313,720	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	28,393	49,501	53,447	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	59,405	77,285	82,476	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	30,958	54,318	70,394	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	32,440	57,011	65,772	No	Yes	Yes	Associate's degree	No	No	No
29-2031	Cardiovascular Technologists and Technicians	32,151	48,766	62,924	No	No	Yes	Associate's degree	No	No	No
29-2032	Diagnostic Medical Sonographers	62,805	80,053	83,024	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	68,856	82,608	83,468	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	45,527	64,823	75,975	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	42,973	62,753	77,840	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	98,905	125,124	139,095	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	27,918	38,537	43,656	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	31,202	46,382	56,779	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2051	Dietetic Technicians	23,321	30,361	32,828	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	26,517	37,130	39,524	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	27,944	36,146	38,132	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	39,168	52,531	60,954	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	29,778	38,362	44,564	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	32,110	42,809	48,201	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	44,411	52,395	57,567	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	32,204	47,769	55,308	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	36,399	50,720	58,547	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	32,712	66,021	83,226	No	Yes	Yes	Master's degree	No	No	No
29-2092	Hearing Aid Specialists	34,711	58,149	69,237	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	34,239	42,415	39,550	Yes	No	No	Postsecondary nondegree award	Yes	No	No
29-9021	Health Information Technologists and Medical Registrars	31,956	50,297	65,219	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-9091	Athletic Trainers	40,296	56,460	62,783	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	50,363	86,911	100,824	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	31,282	49,522	71,331	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	30,584	52,409	83,980	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,836	30,083	32,216	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	27,422	33,306	36,102	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	24,545	30,057	32,172	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	26,278	31,859	33,905	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	52,792	65,502	72,728	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,313	54,847	66,889	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	49,846	65,187	73,877	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	28,915	35,378	40,860	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	32,901	51,126	53,447	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
31-9091	Dental Assistants	36,046	43,772	46,591	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	33,446	39,972	42,787	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9093	Medical Equipment Preparers	31,698	40,101	46,749	No	No	No	High school diploma or equivalent	Yes	No	No
31-9094	Medical Transcriptionists	28,597	38,673	46,119	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	22,295	32,436	37,015	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	27,353	33,128	36,418	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	32,082	39,746	41,094	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	29,861	38,835	42,799	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	64,996	87,856	97,783	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	68,008	88,603	97,385	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	58,550	77,242	82,915	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	33,811	51,694	58,377	Yes	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	40,552	57,256	69,859	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	38,009	51,335	61,466	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	33,436	53,382	74,307	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	54,494	89,613	101,166	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	28,569	54,211	63,845	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	36,502	56,388	65,970	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3021	Detectives and Criminal Investigators	38,147	64,664	73,018	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	26,474	28,706	28,872	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	36,027	40,654	36,420	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	47,477	61,797	73,476	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	58,469	72,646	59,625	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	35,144	39,473	42,421	Yes	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	33,580	52,226	58,433	Yes	No	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,776	34,884	37,811	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	23,666	31,787	34,712	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	24,404	28,971	31,023	No	No	No	No formal educational credential	No	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	21,311	30,500	35,718	No	No	No	No formal educational credential	No	No	Yes
33-9093	Transportation Security Screeners	34,541	42,942	46,897	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	24,458	29,225	29,882	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	22,871	37,400	41,910	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	37,456	63,073	73,958	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	29,861	42,752	47,986	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	23,440	28,116	29,349	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	27,815	35,065	37,301	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	31,673	57,627	71,011	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	28,809	34,128	36,737	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	21,899	32,550	37,272	No	No	No	No formal educational credential	No	No	Yes
35-2019	Cooks, All Other	27,945	34,596	37,440	No	No	No	No formal educational credential	Yes	No	Yes
35-2021	Food Preparation Workers	24,623	31,793	35,208	No	No	No	No formal educational credential	Yes	No	No
35-3011	Bartenders	21,422	35,020	38,687	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,536	26,332	28,059	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,407	33,010	36,634	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,373	28,377	30,021	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,800	27,917	29,732	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	21,605	27,057	29,298	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,822	29,054	30,650	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	22,679	27,992	29,227	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	31,761	49,238	59,737	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	36,306	52,264	59,441	Yes	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	23,216	31,283	34,209	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,593	30,559	32,881	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	23,928	29,783	32,505	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	32,110	42,821	47,210	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	28,999	34,592	37,061	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	23,981	36,877	38,858	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	26,551	41,749	48,102	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	25,507	36,018	45,448	No	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	32,309	56,521	69,366	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	30,185	52,888	63,924	No	No	Yes	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	31,399	64,140	84,930	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	26,909	33,335	35,275	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,432	30,478	32,739	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	21,020	34,463	46,545	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,981	28,001	30,126	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,364	31,712	36,871	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	31,154	37,655	42,100	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,579	26,279	28,311	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,274	26,990	28,751	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	25,318	40,670	47,328	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	22,363	30,803	34,018	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,802	28,383	28,432	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,986	45,712	51,215	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,429	38,781	46,349	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	23,155	29,852	33,063	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	33,954	54,348	63,257	Yes	Yes	Yes	Associate's degree	No	No	No
39-5011	Barbers	21,383	33,073	36,509	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	23,164	38,471	45,667	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	22,811	35,073	41,384	No	No	No	Postsecondary nondegree award	No	No	No

## Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,800	23,710	26,868	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	28,287	44,289	46,474	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,167	29,049	33,729	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	28,432	33,792	37,839	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	20,951	31,460	38,522	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	22,091	29,152	31,712	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	21,497	42,982	49,554	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	23,467	33,057	38,003	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	24,880	37,808	42,465	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	23,745	32,761	33,586	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,646	50,218	57,733	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	43,543	98,897	114,066	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,363	27,304	29,142	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,785	32,583	33,758	No	No	No	No formal educational credential	No	No	No
41-2021	Counter and Rental Clerks	24,174	36,293	38,663	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	22,750	38,930	45,675	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,762	33,524	35,340	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	33,954	61,599	71,164	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	38,356	58,049	61,239	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	38,943	69,736	78,516	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	24,212	42,775	49,070	No	No	No	Some college, no degree	No	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	31,738	65,293	75,237	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	45,056	100,865	126,950	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	34,427	71,998	81,179	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,943	45,440	53,557	No	No	No	No formal educational credential	No	Yes	Yes
41-9012	Models	21,520	31,996	34,404	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	28,699	59,692	67,276	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9022	Real Estate Sales Agents	24,321	51,458	62,548	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	52,601	117,740	143,517	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	21,799	31,830	32,416	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	21,109	34,737	48,875	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	21,508	36,461	42,367	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	37,861	64,660	75,234	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	25,640	31,054	32,095	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,514	30,654	33,562	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,744	48,160	56,482	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	30,147	39,323	40,735	No	No	No	High school diploma or equivalent	No	No	No
43-3021	Billing and Posting Clerks	34,091	42,983	47,131	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	31,200	46,691	52,423	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,725	31,379	37,332	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	37,349	47,585	53,410	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,477	41,164	46,000	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	36,030	40,538	46,721	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	37,014	57,767	64,259	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	37,783	56,824	60,202	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	32,740	36,568	39,750	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	31,848	44,753	48,479	No	No	No	Some college, no degree	Yes	Yes	No
43-4041	Credit Authorizers, Checkers, and Clerks	28,265	42,765	49,844	No	No	No	Some college, no degree	No	No	Yes
43-4051	Customer Service Representatives	28,033	38,009	40,489	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,539	42,199	52,313	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	26,278	36,955	39,836	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,256	30,388	31,826	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	30,317	40,337	46,700	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	27,914	35,022	35,995	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	38,895	52,991	61,890	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	35,501	42,521	46,055	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	27,435	39,764	45,998	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	31,694	41,398	46,700	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	24,925	33,174	36,498	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	28,657	41,355	47,465	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	24,947	37,351	41,551	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	31,749	50,070	61,932	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	25,572	32,621	34,038	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	35,882	46,024	48,303	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	31,034	44,197	48,546	No	No	No	High school diploma or equivalent	Yes	No	No
43-5041	Meter Readers, Utilities	28,330	42,100	48,424	No	No	No	High school diploma or equivalent	No	No	No
43-5051	Postal Service Clerks	47,112	58,022	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	56,544	71,344	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	38,584	52,083	60,237	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	34,391	51,411	58,777	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	27,405	37,711	42,455	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	31,533	35,499	39,037	No	No	No	High school diploma or equivalent	Yes	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	40,408	62,514	70,806	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	32,136	45,591	50,003	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	30,320	38,548	41,252	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	28,640	40,694	47,659	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	25,473	36,292	39,850	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	22,768	33,472	37,830	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	25,172	48,992	59,204	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	31,334	47,102	51,677	No	No	No	High school diploma or equivalent	Yes	Yes	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	25,761	38,807	49,741	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	25,999	40,889	47,914	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	21,892	32,955	37,381	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	27,609	34,130	35,745	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	34,717	45,017	49,903	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	29,404	40,639	46,670	No	No	No	Some college, no degree	Yes	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	32,698	58,154	76,445	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	27,040	30,647	31,741	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	26,484	36,470	38,575	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	21,853	25,759	26,797	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,691	35,599	37,860	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,767	26,640	27,368	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	26,944	35,126	35,993	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	21,198	43,917	56,168	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	26,209	35,207	42,139	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	32,045	41,375	48,816	No	No	No	Postsecondary nondegree award	No	No	No
45-4021	Fallers	38,330	45,536	51,499	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	27,972	40,220	47,553	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,853	25,759	26,797	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	40,739	44,146	45,703	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	45,781	69,352	79,080	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,364	45,869	55,806	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	28,706	43,642	50,792	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	28,540	45,507	56,502	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	33,158	46,782	52,067	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2041	Carpet Installers	20,364	33,278	36,480	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	33,053	44,410	50,089	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,781	38,526	47,984	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	30,740	42,833	50,387	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	29,402	41,545	47,043	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	34,294	50,852	56,570	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	29,948	39,500	44,997	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	31,656	41,501	46,166	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	33,905	47,347	48,767	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	33,898	44,827	48,651	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	21,949	38,855	48,435	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	28,001	41,091	46,124	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	37,578	50,413	56,491	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	29,408	42,001	49,018	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	28,667	42,579	47,308	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	35,648	48,003	49,961	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	30,352	38,342	41,666	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	29,029	36,206	43,598	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	36,558	45,031	47,271	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	32,971	48,765	58,220	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	26,599	42,311	46,479	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	34,512	45,947	53,936	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
47-2181	Roofers	27,931	43,063	48,542	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	32,375	46,442	51,782	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2221	Structural Iron and Steel Workers	34,708	47,759	55,748	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	34,786	42,560	45,830	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	28,390	33,862	36,147	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3012	Helpers—Carpenters	23,521	29,782	32,325	No	No	No	No formal educational credential	No	No	No
47-3013	Helpers—Electricians	30,103	36,611	38,133	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	26,102	30,791	32,240	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	28,117	36,979	38,337	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	29,254	35,491	37,723	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	29,348	37,249	39,592	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	45,212	60,616	68,405	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	47,768	82,838	100,863	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	28,500	39,260	45,556	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	35,360	49,405	55,806	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4051	Highway Maintenance Workers	30,693	35,800	35,029	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	44,126	53,692	60,956	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	29,930	46,662	54,357	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	35,141	44,733	47,328	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	44,775	60,442	68,405	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	40,083	52,859	55,239	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,548	53,163	61,133	Yes	No	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	35,473	48,958	56,285	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5023	Earth Drillers, Except Oil and Gas	34,120	48,375	50,285	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	52,047	69,386	79,970	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	26,885	39,407	43,598	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	35,099	39,740	44,067	Yes	No	No	No formal educational credential	Yes	Yes	
47-5049	Underground Mining Machine Operators, All Other	35,099	39,740	44,067	Yes	No	No	No formal educational credential	Yes	Yes	
47-5051	Rock Splitters, Quarry	36,127	65,538	87,420	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	33,494	48,434	59,860	No	No	No	No formal educational credential	Yes	Yes	
47-5081	Helpers—Extraction Workers	28,775	34,385	37,723	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	27,218	43,891	42,902	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	44,226	68,881	80,892	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	26,230	40,312	49,586	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	41,600	63,648	76,754	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	37,634	55,865	63,037	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	37,567	67,046	76,837	Yes	Yes	Yes	Associate's degree	No	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	30,145	44,675	49,942	No	No	No	High school diploma or equivalent	No	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	39,241	55,082	62,288	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	39,353	54,965	64,416	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	39,104	74,849	96,858	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	32,515	43,431	47,563	No	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	38,346	44,114	48,890	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	35,078	48,553	60,174	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-3011	Aircraft Mechanics and Service Technicians	43,717	53,787	60,125	Yes	Yes	Yes	Associate's degree	Yes	No	
49-3021	Automotive Body and Related Repairers	33,606	52,645	52,071	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3022	Automotive Glass Installers and Repairers	36,827	47,612	57,189	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3023	Automotive Service Technicians and Mechanics	29,696	48,114	59,779	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	38,576	55,395	64,252	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	36,784	46,186	47,390	Yes	No	No	High school diploma or equivalent	Yes	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	38,512	51,186	59,183	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	36,666	52,644	58,538	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	35,904	49,573	59,622	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	29,186	45,037	57,774	No	No	No	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	27,464	42,233	49,331	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	22,969	35,804	42,765	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	28,968	44,039	49,890	No	No	No	High school diploma or equivalent	No	No	
49-3093	Tire Repairers and Changers	26,326	33,649	35,275	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	30,547	45,076	53,222	No	No	No	High school diploma or equivalent	No	Yes	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	36,910	47,866	50,304	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	34,716	48,411	58,072	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	27,918	43,336	48,450	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	38,902	57,199	64,285	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	32,534	53,006	57,539	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	39,975	54,778	64,667	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons	25,612	33,944	37,322	No	No	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	46,874	75,197	98,686	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	38,896	50,969	60,518	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	39,407	52,370	58,421	Yes	No	No	Associate's degree	No	No	
49-9062	Medical Equipment Repairers	34,739	54,250	60,724	Yes	Yes	Yes	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	27,933	41,121	50,451	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	24,251	28,853	28,148	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	39,720	56,502	64,657	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	27,870	41,624	47,840	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians	47,289	66,694	77,316	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	28,405	36,921	38,016	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	38,722	52,155	55,865	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	30,804	42,198	51,445	No	No	No	High school diploma or equivalent	Yes	No	
49-9095	Manufactured Building and Mobile Home Installers	21,402	30,263	38,291	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	32,593	50,666	58,832	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	46,280	62,014	70,022	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers—Installation, Maintenance, and Repair Workers	25,452	33,792	37,888	No	No	No	High school diploma or equivalent	Yes	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,537	41,455	46,287	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	39,294	64,731	77,406	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	32,378	46,084	54,681	No	No	No	Postsecondary nondegree award	No	Yes	
51-2021	Coil Winders, Tapers, and Finishers	32,544	44,567	47,484	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	26,612	35,928	40,484	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	34,492	47,906	57,746	Yes	No	No	High school diploma or equivalent	Yes	Yes	
51-2041	Structural Metal Fabricators and Fitters	34,825	44,133	49,594	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2051	Fiberglass Laminators and Fabricators	30,040	40,353	44,433	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	30,052	37,866	38,079	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	23,707	33,331	38,207	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	29,561	40,603	44,388	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	25,829	35,797	40,617	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	26,063	27,404	28,442	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	24,369	36,274	35,618	No	No	No	No formal educational credential	No	Yes	
51-3092	Food Batchmakers	22,293	32,593	37,204	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	24,584	31,350	34,717	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	21,433	30,651	37,440	No	No	No	No formal educational credential	No	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	30,566	39,642	43,950	No	No	No	High school diploma or equivalent	No	No	

Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,714	39,251	44,831	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	30,038	41,052	44,342	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	27,972	37,386	39,469	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,528	55,101	81,859	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,080	36,019	38,034	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,355	38,125	46,838	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	31,855	39,954	40,154	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	31,693	47,582	54,080	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	38,340	48,884	49,795	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	29,225	45,693	55,415	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic	32,368	50,980	59,331	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,444	49,472	76,445	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	22,793	39,368	53,829	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	24,689	36,423	36,800	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,522	42,986	46,230	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	38,587	55,157	61,739	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	35,463	45,771	48,960	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	29,052	47,496	63,759	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,437	39,926	46,407	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	33,249	46,779	51,548	No	No	No	High school diploma or equivalent	Yes	Yes	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	29,460	39,417	43,930	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,963	36,078	38,085	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	28,657	38,252	44,870	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	31,007	41,175	45,369	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	27,279	38,585	44,187	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	26,503	38,291	45,301	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	21,742	27,550	31,100	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	28,062	29,832	30,809	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	21,284	31,023	36,087	No	No	No	No formal educational credential	No	No	Yes
51-6041	Shoe and Leather Workers and Repairers	23,067	32,289	36,450	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	26,503	38,291	45,301	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	21,588	29,176	29,744	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	28,001	34,639	36,411	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,597	27,061	27,658	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	28,988	35,184	36,887	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	27,022	31,075	33,836	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,783	32,887	37,381	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	33,082	57,637	81,977	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,444	49,472	76,445	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	28,471	39,560	44,501	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,338	34,700	38,662	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	31,246	43,457	48,627	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	26,840	42,658	51,012	No	No	No	High school diploma or equivalent	No	No	No
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	28,126	37,464	47,119	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	30,203	37,951	40,726	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,963	31,927	32,270	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	47,533	74,996	94,949	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	52,546	86,901	101,548	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	47,533	74,996	94,949	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	47,230	61,681	66,694	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	36,280	49,312	59,640	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	40,964	60,682	65,695	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	33,846	51,029	61,700	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	47,465	61,602	77,620	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	39,495	56,697	63,561	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	29,225	45,693	55,415	No	No	No	High school diploma or equivalent	No	No	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	29,413	45,561	55,671	No	No	No	High school diploma or equivalent	No	No	Yes
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	25,951	40,648	46,434	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	27,884	34,825	37,870	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	27,247	37,840	41,279	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	21,490	34,913	39,221	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	28,193	37,532	44,230	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	27,501	36,162	39,870	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30,028	38,457	43,167	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	28,178	41,085	46,853	No	No	No	Postsecondary nondegree award	No	No	No
51-9071	Jewelers and Precious Stone and Metal Workers	24,653	47,945	56,041	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	31,230	50,420	53,350	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 18

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	27,391	37,474	37,246	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	29,811	35,046	36,966	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	25,925	42,478	60,402	No	No	Yes	High school diploma or equivalent	No	No	Yes
51-9123	Painting, Coating, and Decorating Workers	29,120	37,371	43,093	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	34,957	44,955	48,100	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	37,283	46,917	49,756	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	22,920	34,659	37,322	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	34,374	44,995	46,878	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
51-9162	Computer Numerically Controlled Tool Programmers	35,360	53,948	64,556	Yes	Yes	Yes	Associate's degree	No	No	No
51-9191	Adhesive Bonding Machine Operators and Tenders	22,783	32,887	37,381	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	29,120	35,691	39,215	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	27,032	44,802	47,719	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	28,618	34,130	37,615	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	29,278	40,970	46,504	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	28,569	43,549	51,303	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	28,432	36,793	39,760	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	22,814	32,943	37,054	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	28,561	36,974	42,236	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	37,067	55,895	60,976	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	36,826	57,733	69,753	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	106,649	265,051	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	55,099	117,125	178,548	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	78,286	123,714	153,957	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	78,286	123,714	153,957	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	34,473	67,829	77,453	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	25,211	30,018	31,868	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	21,548	38,836	44,825	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	36,300	49,425	52,347	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	26,985	43,002	47,457	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	32,183	38,622	40,485	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	31,838	39,801	43,195	No	No	No	High school diploma or equivalent	Yes	No	No
53-3053	Shuttle Drivers and Chauffeurs	25,709	32,876	35,784	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,433	31,026	31,271	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	21,490	28,564	32,988	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	55,405	67,301	72,705	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,526	52,850	50,911	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Fiers	38,311	57,931	60,594	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	62,043	70,032	72,754	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,608	40,886	51,352	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	40,396	41,072	40,406	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	28,510	44,586	49,188	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	33,555	64,049	76,342	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	37,993	46,194	48,411	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
53-5031	Ship Engineers	71,050	96,232	107,099	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,576	31,369	35,618	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,219	28,184	29,634	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	27,563	33,453	39,056	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	30,627	35,225	36,981	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	35,090	50,393	57,122	Yes	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	39,358	83,719	105,621	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	21,653	28,672	39,737	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,364	30,096	31,888	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	28,651	30,712	31,272	No	No	No	No formal educational credential	Yes	No	No
53-7021	Crane and Tower Operators	36,401	72,700	87,786	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,962	46,339	48,258	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-7041	Hoist and Winch Operators	31,584	49,491	50,715	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,165	39,963	43,863	No	No	No	No formal educational credential	Yes	No	Yes
53-7061	Cleaners of Vehicles and Equipment	22,697	31,265	35,568	No	No	No	No formal educational credential	Yes	No	Yes
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	27,200	35,050	38,572	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	27,996	34,312	35,333	No	No	No	No formal educational credential	Yes	Yes	No
53-7064	Packers and Packagers, Hand	23,630	27,361	29,340	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	27,112	33,853	36,633	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	30,057	35,853	33,308	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	47,444	53,850	63,042	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7073	Wellhead Pumps	30,057	35,853	33,308	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	33,126	42,890	47,071	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	42,452	59,165	60,075	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	27,300	34,930	40,036	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 18

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	33,511	53,505	60,021	824
No formal educational credential	24,421	32,706	35,535	84
High school diploma or equivalent	30,729	46,419	52,500	235
Some college, no degree	29,324	43,886	49,815	49
Postsecondary nondegree award	32,490	44,644	50,496	89
Associate's degree	40,357	58,140	65,831	68
Bachelor's degree	46,182	86,727	100,186	184
Master's degree	55,578	85,202	97,511	42
Doctoral or professional degree	69,126	154,562	152,028	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	499	325	491	333	484	340
No formal educational credential	45.24%	54.76%	38.10%	61.90%	33.33%	66.67%
High school diploma or equivalent	68.94%	31.06%	78.72%	21.28%	78.30%	21.70%
Some college, no degree	30.61%	69.39%	32.65%	67.35%	30.61%	69.39%
Postsecondary nondegree award	41.57%	58.43%	29.21%	70.79%	33.71%	66.29%
Associate's degree	64.71%	35.29%	52.94%	47.06%	51.47%	48.53%
Bachelor's degree	59.78%	40.22%	65.22%	34.78%	65.22%	34.78%
Master's degree	78.57%	21.43%	66.67%	33.33%	61.90%	38.10%
Doctoral or professional degree	82.19%	17.81%	65.75%	34.25%	63.01%	36.99%



Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	27,819	146,157	209,209	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1021	General and Operations Managers	37,178	89,135	104,406	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	52,111	102,324	127,972	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2011	Advertising and Promotions Managers	47,142	101,757	122,835	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	60,596	134,026	166,835	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	50,436	126,599	160,264	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	53,435	101,260	117,625	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	57,783	109,771	133,653	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	60,008	102,159	132,036	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	44,990	95,560	109,990	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	67,756	124,806	157,534	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	60,108	120,793	135,483	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	44,394	103,056	126,488	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	66,667	119,507	145,084	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	48,390	94,725	116,966	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	64,892	108,183	135,490	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	45,106	99,527	129,324	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	55,405	102,299	121,628	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	21,450	78,825	110,126	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	52,294	106,016	130,968	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	30,402	50,758	50,254	No	Yes	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	51,376	83,320	102,126	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	53,958	89,963	92,430	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	31,425	63,960	83,822	Yes	Yes	Yes	Master's degree	No	No	Yes
11-9041	Architectural and Engineering Managers	72,559	97,479	109,408	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	31,667	57,635	68,829	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	54,757	105,112	106,221	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	35,659	73,625	87,363	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9081	Lodging Managers	42,049	68,437	67,908	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	57,022	111,704	118,999	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	52,021	69,671	77,064	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9131	Postmasters and Mail Superintendents	67,483	81,763	89,457	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	28,004	61,879	62,979	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	37,307	62,876	73,828	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	44,462	79,863	95,447	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	41,551	71,805	72,755	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	42,554	69,551	83,724	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	42,380	87,415	101,869	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	26,615	85,375	139,093	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	30,899	56,727	70,288	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	55,169	79,187	95,222	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	43,894	61,049	69,791	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	34,823	61,633	75,475	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	28,819	60,748	77,305	No	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	33,643	55,569	64,808	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	21,450	78,825	110,126	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	36,377	69,232	88,623	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1081	Logisticians	30,160	63,509	75,552	No	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	44,384	86,914	98,740	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	38,369	64,744	73,892	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1121	Meeting, Convention, and Event Planners	28,426	49,104	59,079	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	29,429	53,656	68,282	No	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	35,304	62,265	71,388	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	27,663	52,843	61,410	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	29,125	64,870	76,710	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	35,340	63,771	76,462	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	35,526	70,453	82,383	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	37,094	59,973	74,681	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	41,738	69,844	84,505	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2041	Credit Analysts	49,250	91,320	96,957	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	45,971	80,946	90,158	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	34,349	90,981	97,365	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	41,471	64,386	75,825	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	48,278	97,595	113,472	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	39,643	69,693	85,437	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-2071	Credit Counselors	30,263	43,628	43,912	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	32,897	69,393	82,780	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,245	46,271	41,113	No	No	No	Bachelor's degree	No	No	No
13-2082	Tax Preparers	24,428	43,618	51,365	No	No	No	Postsecondary nondegree award	No	Yes	Yes
13-2099	Financial Specialists, All Other	39,069	70,296	79,048	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	38,061	69,736	91,114	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-1212	Information Security Analysts	61,608	95,999	128,708	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	70,270	117,075	157,428	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	37,685	65,602	80,600	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	24,419	54,004	61,590	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
15-1241	Computer Network Architects	57,410	102,512	122,986	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	31,133	56,649	78,295	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1243	Database Architects	65,673	117,474	140,513	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	47,012	68,914	81,706	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1251	Computer Programmers	43,122	82,819	96,290	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	59,975	114,782	135,797	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	42,634	79,633	95,643	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1254	Web Developers	42,403	71,992	84,700	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	38,898	75,737	86,235	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	33,451	63,036	70,317	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2011	Actuaries	63,001	111,235	119,906	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians										
15-2031	Operations Research Analysts	35,672	50,016	44,704	Yes	Yes	No	Bachelor's degree	No	No	No
15-2041	Statisticians	36,138	74,388	90,105	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	46,947	89,439	113,428	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	34,150	79,828	91,915	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-1012	Landscape Architects	43,100	68,789	75,955	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1021	Cartographers and Photogrammetrists	39,271	61,085	71,841	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1022	Surveyors	28,028	64,124	83,466	No	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	68,637	102,822	119,666	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers	45,914	85,527	111,527	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2031	Bioengineers and Biomedical Engineers	52,778	87,682	109,833	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	59,798	96,850	119,134	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	45,786	88,856	109,157	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	59,381	106,195	123,456	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	54,890	89,324	113,499	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	68,593	94,391	109,629	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	66,740	80,346	92,581	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	44,436	75,657	92,696	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	55,502	87,274	107,721	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	45,731	69,232	81,416	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	50,444	82,437	100,994	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	51,704	84,106	97,524	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers										
17-2161	Nuclear Engineers										
17-2171	Petroleum Engineers										
17-2199	Engineers, All Other	44,387	70,754	82,499	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-3011	Architectural and Civil Drafters	36,005	50,250	56,602	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3012	Electrical and Electronics Drafters	41,054	51,997	61,129	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	31,381	50,746	61,564	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	32,446	49,219	55,964	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3021	Aerospace Engineering and Operations Technologists and Technicians	32,251	69,347	94,817	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	32,348	49,752	58,174	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	34,088	54,429	66,560	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	40,797	63,170	71,353	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	27,858	41,010	46,353	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	35,144	53,452	59,700	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	34,798	53,106	59,301	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3028	Calibration Technologists and Technicians	34,700	56,363	71,548	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	31,736	60,765	76,385	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	27,218	41,377	46,876	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists										
19-1012	Food Scientists and Technologists	35,215	69,924	96,326	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	35,366	73,704	91,924	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	35,588	77,938	98,225	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	32,313	53,142	65,096	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	35,866	43,868	49,171	Yes	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	43,680	58,115	68,411	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1031	Conservation Scientists	28,300	53,842	67,105	No	Yes	No	Bachelor's degree	No	No	No
19-1032	Foresters	33,174	53,612	63,135	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	51,367	77,308	90,975	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	48,953	87,993	110,410	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other										
19-2011	Astronomers										
19-2012	Physicists	69,134	141,409	198,367	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	55,556	74,503	80,263	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2031	Chemists	35,241	65,930	79,899	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	61,120	103,080	120,589	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	34,986	56,875	66,174	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	42,812	81,816	98,571	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	38,463	60,534	72,196	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	40,167	95,847	118,752	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	53,763	85,383	104,091	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	46,947	89,439	113,428	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	66,054	113,676	137,558	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	33,165	63,635	110,029	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	40,549	65,930	72,560	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	43,708	89,253	107,064	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	26,047	52,094	45,128	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	39,906	73,269	97,510	Yes	Yes	Yes	Master's degree	No	Yes	Yes

Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	35,552	55,973	66,214	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	31,949	63,818	86,866	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists										
19-3099	Social Scientists and Related Workers, All Other	50,169	76,322	91,143	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-4012	Agricultural Technicians	26,668	35,472	41,179	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	28,914	46,841	64,528	No	No	Yes	Associate's degree	No	Yes	Yes
19-4021	Biological Technicians	31,054	44,872	52,187	Yes	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	28,461	45,554	55,174	No	No	Yes	Associate's degree	No	No	Yes
19-4042	Environmental Science and Protection Technicians, Including Health	23,466	36,705	43,511	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	41,430	77,135	100,754	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4044	Hydrologic Technicians	32,047	50,089	59,904	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4051	Nuclear Technicians										
19-4061	Social Science Research Assistants	27,307	43,770	50,266	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	30,192	41,871	49,823	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	33,298	54,127	66,445	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	23,997	43,930	52,920	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	33,218	67,888	91,121	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-5012	Occupational Health and Safety Technicians	35,801	55,325	61,679	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	34,208	53,349	62,135	Yes	Yes	Yes	Master's degree	Yes	No	No
21-1013	Marriage and Family Therapists	30,289	40,273	43,140	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	23,142	37,645	40,789	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	34,718	46,939	56,354	Yes	No	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	27,006	37,859	40,753	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	30,054	46,843	58,967	No	No	Yes	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	32,088	52,484	61,654	Yes	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	34,701	48,384	54,801	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	35,006	46,848	49,483	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	24,941	56,017	74,143	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,282	41,994	47,778	Yes	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	24,373	35,649	39,000	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	31,200	41,850	46,238	Yes	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	18,921	50,453	52,929	No	Yes	No	Bachelor's degree	No	No	No
21-2011	Clergy	27,305	46,708	55,843	No	No	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	26,411	47,870	57,552	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	26,003	42,989	54,162	No	No	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	52,000	97,989	116,160	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	33,165	50,275	56,372	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	37,842	83,174	103,284	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators										
23-1023	Judges, Magistrate Judges, and Magistrates	37,842	83,174	103,284	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	30,774	44,780	54,482	Yes	No	Yes	Associate's degree	No	No	Yes
23-2093	Title Examiners, Abstractors, and Searchers	28,142	47,506	55,467	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
23-2099	Legal Support Workers, All Other	26,118	56,621	60,650	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	42,066	76,207	87,043	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	42,812	80,849	100,186	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	78,748	83,547	90,399	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1031	Architecture Teachers, Postsecondary	34,443	91,392	114,590	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	41,764	80,165	110,286	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary										
25-1042	Biological Science Teachers, Postsecondary	46,725	79,224	88,827	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary										
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	41,551	57,100	55,325	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	35,446	72,506	87,087	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary										
25-1054	Physics Teachers, Postsecondary	42,581	57,233	56,558	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	41,551	75,710	88,951	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	43,158	59,505	68,317	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	41,755	52,875	48,545	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	41,551	57,100	55,325	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	40,318	56,771	52,423	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	42,350	72,710	82,703	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary										
25-1069	Social Sciences Teachers, Postsecondary, All Other	41,170	57,934	68,167	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	65,399	77,721	72,449	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
25-1072	Nursing Instructors and Teachers, Postsecondary	73,756	83,553	79,935	Yes	Yes	Yes	Master's degree	Yes	Yes	No
25-1081	Education Teachers, Postsecondary	33,671	66,321	76,136	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	43,025	65,904	72,622	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	37,966	51,713	54,074	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	40,273	125,462	185,517	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary										
25-1121	Art, Drama, and Music Teachers, Postsecondary	41,684	77,725	87,442	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	40,806	71,122	88,223	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	39,466	60,996	69,862	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	36,484	60,321	70,039	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	37,327	49,423	43,495	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	40,460	59,878	70,181	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	33,671	66,321	76,136	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	39,093	66,702	70,359	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	35,110	63,225	78,922	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	32,970	58,422	68,912	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,610	28,521	29,332	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	39,004	52,352	59,123	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	47,783	55,464	61,061	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	47,187	53,837	60,730	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	42,306	58,467	66,259	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	47,743	61,232	62,808	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	41,933	55,600	60,268	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	33,591	53,488	68,211	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	36,815	53,185	63,614	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	41,782	56,541	69,737	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	41,267	58,768	69,001	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2059	Special Education Teachers, All Other	25,772	52,698	71,477	No	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	37,606	55,789	61,407	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	26,633	40,471	45,460	No	No	No	Some college, no degree	Yes	No	No
25-3031	Substitute Teachers, Short-Term	23,524	65,312	46,976	No	Yes	No	Bachelor's degree	No	No	No
25-3041	Tutors	31,587	65,590	76,425	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	38,282	58,912	61,514	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	26,065	41,738	49,840	No	No	No	Master's degree	No	No	No
25-4012	Curators	27,964	50,186	62,762	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	26,535	41,880	49,929	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	40,515	55,586	61,438	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	25,455	28,043	28,245	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	23,295	42,537	58,261	No	No	Yes	Master's degree	No	No	No
25-9031	Instructional Coordinators	35,006	50,572	60,366	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	18,805	29,216	36,351	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	21,991	30,311	30,889	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	21,583	42,980	56,221	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	44,081	78,781	88,809	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
27-1012	Craft Artists	18,868	30,467	35,135	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	24,397	41,933	42,252	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	41,081	58,813	67,501	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	23,491	45,217	52,583	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	20,225	52,343	66,578	No	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	33,218	59,984	70,536	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	22,247	30,601	32,995	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	30,254	50,470	57,268	No	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	30,973	56,132	66,489	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,000	32,798	35,627	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	32,384	40,939	42,386	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	25,843	54,340	66,942	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	26,731	30,485	28,479	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	37,044	57,800	64,160	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	22,533	57,490	57,171	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	31,277	79,797	69,699	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
27-2023	Umpires, Referees, and Other Sports Officials	18,832	41,108	41,321	No	No	No	Some college, no degree	No	No	No
27-2031	Dancers	26,731	30,485	28,479	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers										
27-2041	Music Directors and Composers	28,177	62,265	73,926	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	26,731	30,485	28,479	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	19,702	53,869	53,346	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	19,702	53,869	53,346	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	19,702	53,869	53,346	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	32,171	64,288	76,704	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	34,826	56,925	67,649	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	32,739	60,614	70,465	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	44,595	67,670	76,074	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-3043	Writers and Authors	31,665	55,884	64,732	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	28,204	47,950	64,705	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	25,107	46,787	56,700	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	18,770	41,915	51,873	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	28,518	32,917	37,411	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	24,192	56,905	75,186	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	23,997	60,135	89,484	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	26,615	43,735	53,825	No	No	Yes	Associate's degree	No	No	Yes
27-4021	Photographers	24,388	38,685	46,459	No	No	No	Some college, no degree	No	No	Yes
27-4031	Camera Operators, Television, Video, and Film	26,979	52,405	57,881	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	29,429	49,104	57,686	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	24,778	59,718	82,162	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	31,976	93,048	124,687	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	58,154	167,936	212,756	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	46,619	201,731	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	62,487	151,695	188,942	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists										
29-1029	Dentists, All Other Specialists	46,619	201,731	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*

Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	41,215	59,536	71,977	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	63,092	118,964	149,356	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
29-1051	Pharmacists	65,345	121,456	132,541	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1071	Physician Assistants	70,357	105,160	123,880	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	27,485	116,037	165,167	No	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	65,009	84,056	95,000	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	73,628	92,967	98,916	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1124	Radiation Therapists	56,487	75,905	79,757	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	27,041	48,172	56,026	No	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	45,501	60,978	66,968	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	57,554	83,044	95,345	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	35,162	47,080	50,346	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	31,461	55,103	68,246	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	75,213	109,049	126,361	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1141	Registered Nurses	58,689	76,503	78,862	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
29-1151	Nurse Anesthetists	108,555	154,766	177,671	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	56,017	86,697	99,592	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	73,780	110,354	124,352	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	55,014	84,336	95,341	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	92,297	266,223	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	160,135	380,556	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	124,987	275,737	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	182,783	307,863	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	42,442	152,243	217,957	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1216	General Internal Medicine Physicians	25,166	191,559	*	No	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	82,845	243,832	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	55,263	230,716	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	107,987	173,447	211,422	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	88,223	226,003	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	47,515	199,006	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	45,154	270,172	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	100,030	257,981	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	90,531	194,871	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	57,686	284,372	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons										
29-1249	Surgeons, All Other	57,686	284,372	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	25,737	44,870	48,447	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	56,160	71,219	77,725	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	28,062	49,237	63,809	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	28,588	49,138	60,232	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2031	Cardiovascular Technologists and Technicians	26,935	48,953	67,856	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	53,364	65,770	72,604	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	58,413	72,648	76,003	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	35,956	55,645	62,371	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	49,220	67,075	72,931	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	89,652	113,419	126,083	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	27,057	34,647	35,027	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	31,891	39,716	40,794	Yes	No	No	Postsecondary nondegree award	Yes	No	No
29-2051	Dietetic Technicians	21,140	27,520	29,757	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	29,748	36,055	38,537	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	24,630	31,114	34,536	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	33,511	46,353	53,639	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	27,414	34,728	36,871	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	27,122	38,584	46,537	No	No	No	Postsecondary nondegree award	No	No	Yes
29-2061	Licensed Practical and Licensed Vocational Nurses	37,942	51,087	50,745	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	28,277	42,214	48,146	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	30,323	49,349	59,958	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2091	Orthotists and Prosthetists	37,842	74,086	86,129	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	27,689	47,089	59,460	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	28,000	37,516	38,886	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	30,165	55,733	71,841	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	36,627	46,170	56,612	Yes	No	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	45,651	78,781	91,392	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	30,493	54,606	63,747	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	27,973	58,520	63,694	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,259	26,890	28,934	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	24,794	30,616	34,021	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	22,249	27,245	29,162	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	23,820	28,878	30,733	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	60,257	68,052	75,090	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	26,571	49,716	60,632	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	37,736	59,529	73,140	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	20,625	27,920	30,050	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	25,737	44,870	48,447	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	30,802	38,921	45,346	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	29,037	35,152	37,316	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	25,905	33,946	38,676	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	27,854	43,577	51,003	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	20,980	30,218	35,401	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	26,763	31,571	35,530	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	27,947	36,349	39,004	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	30,392	43,497	48,438	No	No	No	High school diploma or equivalent	Yes	Yes	No
33-1011	First-Line Supervisors of Correctional Officers	42,099	47,284	49,587	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	53,322	72,584	83,634	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	45,115	60,994	78,333	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	36,105	44,505	45,700	Yes	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	34,105	52,733	60,428	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	28,539	40,210	48,018	No	No	No	Postsecondary nondegree award	No	No	Yes
33-2021	Fire Inspectors and Investigators	36,040	55,946	68,424	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	49,397	81,230	91,702	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	37,746	38,457	37,747	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3012	Correctional Officers and Jailers	37,644	39,851	39,957	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	35,805	48,166	55,357	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	23,997	26,021	26,171	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	28,177	36,147	37,620	No	No	No	High school diploma or equivalent	No	No	No
33-3051	Police and Sheriff's Patrol Officers	37,148	49,292	55,412	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	53,000	65,850	54,047	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-9011	Animal Control Workers	32,165	34,905	36,400	Yes	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	33,280	48,073	47,965	Yes	Yes	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	25,178	31,621	34,274	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,763	28,384	31,006	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	24,693	31,964	34,011	No	No	No	No formal educational credential	Yes	Yes	Yes
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	22,823	29,671	37,265	No	No	No	No formal educational credential	No	No	Yes
33-9093	Transportation Security Screeners	31,310	38,924	42,510	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	23,456	29,723	36,562	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	27,040	40,902	44,603	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	34,293	53,739	59,324	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,462	38,250	45,264	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	19,515	23,536	25,621	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	23,119	30,926	33,654	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	28,710	52,236	64,368	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	24,021	31,389	35,488	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	21,887	28,198	29,833	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	21,772	26,306	27,718	No	No	No	No formal educational credential	No	No	No
35-2021	Food Preparation Workers	22,022	28,195	32,788	No	No	No	No formal educational credential	No	No	No
35-3011	Bartenders	20,800	31,528	35,271	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,327	24,755	27,011	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,800	29,807	32,901	No	No	No	No formal educational credential	No	No	No
35-3041	Food Servers, Nonrestaurant	20,882	26,223	28,459	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,800	26,127	28,960	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	20,821	25,160	27,521	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20,800	26,550	28,113	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	19,693	25,062	25,639	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	26,362	42,592	53,960	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	33,143	47,010	55,738	Yes	No	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,821	29,243	31,853	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	21,211	26,332	28,244	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	21,690	26,997	29,464	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	29,385	40,611	46,468	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	26,645	31,815	35,527	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	21,788	35,810	38,903	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	25,940	39,340	47,414	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other										
39-1013	First-Line Supervisors of Gambling Services Workers	29,287	51,234	62,877	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	34,828	50,263	60,679	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	28,752	38,549	42,004	No	No	No	Some college, no degree	Yes	No	No
39-2011	Animal Trainers	24,006	33,058	34,966	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	21,680	29,145	29,896	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	19,054	31,239	42,190	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	19,018	25,382	27,307	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	18,459	28,745	33,422	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists										
39-3031	Ushers, Lobby Attendants, and Ticket Takers	19,027	23,385	25,178	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	20,800	26,618	28,256	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	22,950	36,866	42,900	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20,110	26,881	29,393	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	20,669	25,728	25,772	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	28,994	41,436	46,424	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	27,583	35,153	42,013	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	23,203	29,492	29,353	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	35,575	58,438	64,327	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
39-5011	Barbers	19,382	29,979	33,094	No	No	No	Postsecondary nondegree award	Yes	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	20,800	30,515	33,639	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance										
39-5092	Manicurists and Pedicurists	23,245	31,286	32,961	No	No	No	Postsecondary nondegree award	No	No	No

## Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	18,459	21,779	23,500	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	23,285	38,483	41,895	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	19,187	26,331	30,573	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	23,956	28,714	30,685	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	20,234	32,295	35,525	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,579	27,347	29,176	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	23,878	38,487	48,522	No	No	No	Postsecondary nondegree award	No	No	Yes
39-9032	Recreation Workers	22,467	30,765	35,876	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	23,039	32,757	36,954	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	18,459	27,316	28,994	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	28,889	47,215	53,242	No	Yes	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	42,417	81,689	90,906	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,418	25,668	27,614	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	18,841	29,535	30,600	No	No	No	No formal educational credential	No	No	No
41-2021	Counter and Rental Clerks	23,657	34,541	37,889	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	22,655	33,270	37,259	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	21,687	31,623	31,441	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	28,754	58,183	63,827	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	30,174	55,975	61,042	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	36,730	72,327	73,691	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	21,947	38,774	44,480	No	No	No	Some college, no degree	No	No	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	31,124	63,283	72,052	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	31,867	82,463	98,563	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	29,298	75,917	103,189	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	18,797	43,566	69,356	No	No	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models										
41-9021	Real Estate Brokers	25,364	50,213	56,301	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9022	Real Estate Sales Agents	25,364	50,213	56,301	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	43,291	109,576	142,634	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	19,063	27,813	29,180	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	19,134	31,487	44,303	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	20,800	34,945	35,706	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	34,656	58,414	66,489	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	22,336	27,856	30,103	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators										
43-2099	Communications Equipment Operators, All Other										
43-3011	Bill and Account Collectors	31,200	42,794	49,737	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-3021	Billing and Posting Clerks	29,365	38,408	43,163	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	28,112	42,127	48,208	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	19,693	28,443	33,839	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	29,054	41,681	47,104	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	30,969	37,980	44,720	Yes	No	No	Associate's degree	No	No	No
43-3071	Tellers	28,528	36,424	42,922	No	No	No	High school diploma or equivalent	No	No	No
43-3099	Financial Clerks, All Other	31,842	48,278	54,074	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	33,067	49,228	53,426	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks										
43-4031	Court, Municipal, and License Clerks	30,495	39,413	45,106	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	25,621	38,765	45,181	No	No	No	Some college, no degree	No	No	No
43-4051	Customer Service Representatives	25,663	36,751	43,241	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	23,997	34,310	42,457	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	20,800	29,445	33,408	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	22,582	28,910	33,478	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	29,231	37,629	42,787	No	No	No	High school diploma or equivalent	Yes	No	No
43-4121	Library Assistants, Clerical	22,763	25,600	24,534	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	27,474	41,997	51,495	No	No	No	High school diploma or equivalent	No	No	Yes
43-4141	New Accounts Clerks	32,180	38,543	41,747	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	26,244	38,954	50,855	No	No	No	High school diploma or equivalent	No	No	Yes
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	30,962	39,720	47,840	Yes	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	22,309	30,272	33,908	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	25,976	37,487	43,025	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	26,520	39,567	44,803	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	28,088	44,728	53,861	No	No	Yes	High school diploma or equivalent	No	Yes	No
43-5021	Couriers and Messengers	22,872	30,949	34,840	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	30,237	37,072	40,292	No	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	28,441	45,474	54,440	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
43-5041	Meter Readers, Utilities	23,781	36,716	41,288	No	No	No	High school diploma or equivalent	No	No	No
43-5051	Postal Service Clerks	39,770	55,292	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	53,858	70,179	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	34,239	46,290	59,602	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	28,080	41,945	49,678	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	27,040	37,620	45,760	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	32,822	42,192	46,654	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	31,054	49,322	61,744	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	27,041	43,415	52,920	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	27,386	33,623	35,812	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	24,677	35,192	38,590	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,890	33,190	36,484	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	21,086	29,872	32,987	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	22,817	44,409	53,665	No	No	Yes	Associate's degree	No	No	Yes
43-9041	Insurance Claims and Policy Processing Clerks	29,120	41,230	47,633	No	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	21,326	30,698	34,336	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,159	40,070	46,459	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	19,844	29,872	33,884	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	25,027	30,937	32,402	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	31,470	40,806	45,234	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	23,775	36,058	41,019	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	30,904	56,901	74,752	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	29,120	40,489	53,685	No	No	Yes	Bachelor's degree	No	No	No
45-2021	Animal Breeders	24,006	33,058	34,966	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	19,808	23,349	24,290	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	23,287	32,268	34,318	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	21,843	28,052	30,227	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	23,758	31,913	38,197	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	27,040	43,291	51,170	No	No	No	No formal educational credential	Yes	Yes	Yes
45-3031	Fishing and Hunting Workers	23,758	31,913	38,197	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	29,047	37,504	44,249	No	No	No	Postsecondary nondegree award	No	No	No
45-4021	Fallers	34,744	41,276	46,681	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	25,355	36,457	43,104	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers										
45-4029	Logging Workers, All Other	36,928	40,016	41,427	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	42,766	66,168	76,786	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	18,459	41,578	50,586	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	28,132	39,419	49,181	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	25,870	41,250	51,216	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	31,008	46,840	52,010	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2041	Carpet Installers	18,459	30,165	33,067	No	No	No	No formal educational credential	No	No	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	29,961	40,256	45,403	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	21,557	34,922	43,495	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	26,901	44,627	47,172	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	32,955	41,904	48,358	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	31,177	46,095	51,278	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	27,794	38,816	45,599	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	27,228	35,863	39,768	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	30,733	42,918	44,205	No	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	30,308	42,024	46,470	No	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	22,598	37,125	47,798	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	25,382	37,247	41,809	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	34,830	48,714	55,550	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	32,404	38,902	39,434	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	25,985	38,596	42,883	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	32,313	43,513	45,288	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	29,096	38,199	40,799	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	26,313	32,819	39,519	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	29,162	37,655	41,179	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	30,730	45,112	50,669	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	26,215	39,683	48,340	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	31,283	41,649	48,891	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2181	Roofers	22,435	42,237	48,609	No	No	No	No formal educational credential	No	Yes	Yes
47-2211	Sheet Metal Workers	37,304	50,486	51,461	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
47-2221	Structural Iron and Steel Workers	29,120	34,261	35,360	No	No	No	High school diploma or equivalent	Yes	No	No
47-2231	Solar Photovoltaic Installers	31,532	38,578	41,542	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	18,459	30,458	33,866	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	23,855	30,689	33,875	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	23,722	30,982	33,049	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	23,660	27,911	29,224	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	28,609	33,526	36,996	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	26,518	32,171	34,194	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	24,814	32,836	36,271	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	36,233	57,018	73,469	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	43,300	75,089	91,427	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	25,834	35,588	41,294	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	27,068	35,854	41,072	No	No	No	High school diploma or equivalent	No	No	No
47-4051	Highway Maintenance Workers	25,876	34,356	37,544	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	39,998	48,669	55,254	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	27,130	42,297	49,272	No	No	No	High school diploma or equivalent	No	No	Yes
47-4090	Miscellaneous Construction and Related Workers	28,195	38,232	41,844	No	No	No	High school diploma or equivalent	No	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas	36,333	47,915	50,071	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	33,129	48,190	55,414	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	29,402	40,660	46,175	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	30,928	43,850	45,580	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	47,178	62,895	72,489	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	24,370	35,721	39,519	No	No	No	No formal educational credential	Yes	Yes	Yes



Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	31,816	36,022	39,945	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other										
47-5051	Rock Splitters, Quarry	32,748	59,407	79,242	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	30,360	43,903	54,260	No	No	Yes	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers-Extraction Workers	26,083	31,168	34,194	No	No	No	High school diploma or equivalent	No	No	No
47-5099	Extraction Workers, All Other	24,672	39,785	38,889	No	No	No	High school diploma or equivalent	No	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	38,527	59,896	71,892	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	27,458	36,688	42,110	No	No	No	Postsecondary nondegree award	No	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	33,884	52,112	63,845	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	34,473	53,090	63,002	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2091	Avionics Technicians	34,052	60,774	69,649	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	27,325	40,495	45,270	No	No	No	High school diploma or equivalent	No	No	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	35,570	49,929	56,461	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	34,381	50,639	61,227	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	35,446	67,847	87,797	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	29,473	39,368	43,113	No	No	No	Postsecondary nondegree award	No	No	No
49-2097	Audiovisual Equipment Installers and Repairers	33,910	41,818	44,870	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
49-2098	Security and Fire Alarm Systems Installers	36,431	48,533	59,865	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3011	Aircraft Mechanics and Service Technicians	29,104	53,933	66,560	No	Yes	Yes	Associate's degree	No	Yes	Yes
49-3021	Automotive Body and Related Repairers	29,667	41,958	46,327	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3022	Automotive Glass Installers and Repairers	29,757	41,063	48,642	No	No	No	High school diploma or equivalent	Yes	No	No
49-3023	Automotive Service Technicians and Mechanics	27,862	42,277	48,773	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	35,674	52,848	61,182	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	25,307	46,809	49,240	No	No	No	High school diploma or equivalent	No	Yes	No
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	31,228	47,246	61,598	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	33,236	47,719	53,062	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	33,792	45,990	52,116	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3052	Motorcycle Mechanics	26,455	40,824	52,370	No	No	No	High school diploma or equivalent	No	No	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	23,858	34,914	39,345	No	No	No	High school diploma or equivalent	No	No	No
49-3091	Bicycle Repairers	20,820	32,455	38,765	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	37,143	44,961	50,118	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3093	Tire Repairers and Changers	21,708	29,313	32,029	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	27,885	48,844	59,974	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	27,984	43,971	53,596	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	35,935	46,961	56,028	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9031	Home Appliance Repairers	24,592	37,966	44,072	No	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	35,360	57,214	63,489	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9043	Maintenance Workers, Machinery	29,491	48,048	52,157	No	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
49-9044	Millwrights	30,208	37,514	48,683	No	No	No	Postsecondary nondegree award	Yes	No	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons										
49-9051	Electrical Power-Line Installers and Repairers	40,689	65,887	84,904	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	38,881	55,238	62,992	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers										
49-9062	Medical Equipment Repairers	30,555	42,025	49,184	No	No	No	Associate's degree	No	No	No
49-9063	Musical Instrument Repairers and Tuners	25,320	37,274	45,731	No	No	No	High school diploma or equivalent	No	No	No
49-9064	Watch and Clock Repairers										
49-9069	Precision Instrument and Equipment Repairers, All Other	36,005	51,216	58,609	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	24,265	38,394	44,910	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians										
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	24,317	35,809	43,025	No	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	35,099	47,276	50,639	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9094	Locksmiths and Safe Repairers	27,512	39,253	48,953	No	No	No	High school diploma or equivalent	No	No	No
49-9095	Manufactured Building and Mobile Home Installers	19,400	27,432	34,709	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	29,544	45,927	53,328	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	41,951	56,212	63,472	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers-Installation, Maintenance, and Repair Workers	21,853	31,615	37,380	No	No	No	High school diploma or equivalent	No	No	No
49-9099	Installation, Maintenance, and Repair Workers, All Other	27,505	38,008	45,448	No	No	No	High school diploma or equivalent	No	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	36,573	63,823	72,987	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	29,349	41,773	49,565	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-2021	Coil Winders, Tapers, and Finishers	29,500	40,398	43,042	No	No	No	High school diploma or equivalent	Yes	No	No
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	26,461	28,650	26,461	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	29,881	38,578	42,829	No	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	27,112	38,667	43,726	No	No	No	High school diploma or equivalent	No	No	No
51-2051	Fiberglass Laminators and Fabricators	26,207	33,564	35,987	No	No	No	High school diploma or equivalent	No	No	No
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	26,204	34,327	37,091	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	22,984	30,326	35,301	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	24,410	35,439	38,315	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	22,187	30,671	35,738	No	No	No	No formal educational credential	No	Yes	Yes
51-3023	Slaughterers and Meat Packers	23,624	24,840	25,781	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	22,089	32,881	32,286	No	No	No	No formal educational credential	No	Yes	No
51-3092	Food Batchmakers	20,208	29,544	33,724	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	22,284	28,417	31,470	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	27,762	35,278	35,665	No	No	No	No formal educational credential	Yes	Yes	Yes
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	27,707	35,934	39,839	No	No	No	High school diploma or equivalent	No	No	No

Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	26,935	35,579	40,637	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	27,228	37,212	40,194	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	25,275	34,176	39,137	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,766	49,947	74,201	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	23,056	30,280	32,260	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	24,796	34,558	42,457	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	27,991	37,425	40,983	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	34,570	45,694	48,656	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	34,753	44,311	45,137	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal										
51-4061	Model Makers, Metal and Plastic										
51-4062	Patternmakers, Metal and Plastic										
51-4071	Foundry Mold and Coremakers	20,660	35,685	48,793	No	No	No	High school diploma or equivalent	No	No	No
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	24,423	32,828	35,295	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,689	33,786	34,176	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	34,736	51,731	58,369	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	33,848	45,773	51,231	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	26,402	33,449	36,377	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	22,151	36,191	42,066	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic										
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	26,704	35,730	39,821	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	24,441	32,703	34,523	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	25,976	34,673	40,673	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	28,195	40,052	43,770	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	24,254	33,778	36,558	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	24,024	34,709	41,063	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	20,800	24,709	27,040	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	21,157	25,417	26,180	No	No	No	No formal educational credential	No	No	No
51-6031	Sewing Machine Operators	21,352	24,765	25,140	No	No	No	No formal educational credential	No	No	No
51-6041	Shoe and Leather Workers and Repairers	20,909	29,269	33,041	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	24,024	34,709	41,063	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	19,569	26,447	26,961	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	25,282	31,399	33,005	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	20,483	24,530	25,071	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	24,627	29,446	32,313	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders										
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	20,651	29,810	33,884	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	29,988	52,245	74,308	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers										
51-6093	Upholsterers	24,902	33,742	38,064	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	24,281	30,325	33,821	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	27,950	41,007	48,034	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	27,299	40,620	47,746	No	No	No	High school diploma or equivalent	No	No	No
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	23,216	30,769	33,830	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	23,136	30,556	34,203	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	24,441	28,940	29,251	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators										
51-8012	Power Distributors and Dispatchers	49,504	52,517	49,504	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	38,432	79,688	102,922	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	42,812	55,911	60,454	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	30,963	43,728	49,400	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	37,132	55,005	59,549	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	30,680	46,255	55,928	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	43,025	55,840	70,359	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	35,801	51,393	57,615	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	26,491	41,418	50,231	No	No	No	High school diploma or equivalent	No	No	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	25,115	37,948	44,063	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	25,018	36,848	41,720	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	25,275	31,567	34,327	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	24,956	34,975	39,776	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	19,480	31,647	35,552	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	25,408	34,434	39,421	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	36,509	38,364	42,640	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	27,219	34,860	39,129	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	25,933	41,668	47,682	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	22,346	43,459	50,799	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	27,219	44,240	50,683	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 19

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	25,195	35,774	44,276	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	28,600	33,177	35,100	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	23,632	33,592	34,433	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	22,382	31,878	37,691	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	22,492	43,411	57,222	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-9141	Semiconductor Processing Technicians										
51-9151	Photographic Process Workers and Processing Machine Operators	20,776	31,416	33,830	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	27,219	38,490	43,566	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	32,641	53,337	62,229	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	20,651	29,810	33,884	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	23,127	32,002	41,951	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	24,503	40,611	43,255	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	25,941	30,937	34,097	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	25,808	34,176	37,984	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	25,896	39,475	46,503	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders										
51-9198	Helpers—Production Workers	22,545	30,918	35,456	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	23,051	30,318	31,200	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	33,600	50,666	55,272	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
	First-Line Supervisors of Transportation and Material Moving Workers, Except										
53-1047	Aircraft Cargo Handling Supervisors	36,255	55,440	66,078	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	96,672	240,256	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	49,099	92,112	99,181	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	70,962	112,141	139,555	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	70,962	112,141	139,555	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	31,248	61,484	70,208	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	22,852	27,210	28,887	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	31,155	38,369	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	31,967	46,090	50,377	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	20,867	27,657	33,582	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	29,842	37,533	39,965	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	26,770	34,879	45,077	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	20,800	34,001	38,994	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	18,521	28,124	28,346	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	19,835	27,902	31,124	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	50,222	61,005	65,904	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers										
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Fiers	34,727	52,512	54,926	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	56,239	63,481	65,948	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	25,932	37,061	46,548	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other										
53-5011	Sailors and Marine Oilers	25,843	40,415	44,586	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	33,183	76,535	112,336	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	25,284	40,318	47,249	No	No	No	Postsecondary nondegree award	No	No	Yes
53-5031	Ship Engineers	64,404	87,229	97,080	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	21,370	28,435	32,286	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	18,876	24,166	25,657	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	21,943	28,282	30,887	No	No	No	No formal educational credential	No	No	No
53-6032	Aircraft Service Attendants	26,447	32,810	33,156	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	27,192	42,199	48,394	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	35,676	75,888	95,740	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	18,885	28,923	33,804	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	18,459	27,281	28,905	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	26,216	30,733	31,780	No	No	No	No formal educational credential	Yes	Yes	No
53-7021	Crane and Tower Operators	32,526	56,186	68,317	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	31,692	42,004	43,743	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-7041	Hoist and Winch Operators	28,630	44,862	45,971	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	32,676	45,702	50,484	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,723	28,810	29,192	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,212	31,577	35,124	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	25,772	33,351	36,040	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	21,235	24,901	25,275	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,876	34,803	45,863	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,510	30,827	32,001	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	32,825	40,416	40,851	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps										
53-7081	Refuse and Recyclable Material Collectors	24,431	38,254	45,760	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	38,481	53,630	54,455	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	25,053	33,724	35,304	No	No	No	No formal educational credential	Yes	Yes	Yes

\* Indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 19

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	30,756	47,171	53,588	782
No formal educational credential	23,019	30,193	32,967	81
High school diploma or equivalent	28,636	42,548	49,244	218
Some college, no degree	26,047	41,348	46,374	48
Postsecondary nondegree award	29,831	41,316	45,954	87
Associate's degree	32,572	46,223	52,424	65
Bachelor's degree	42,457	73,546	84,514	179
Master's degree	47,097	72,092	83,579	39
Doctoral or professional degree	60,879	132,131	144,485	65

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	480	302	454	328	439	343
No formal educational credential	49.38%	50.62%	39.51%	60.49%	39.51%	60.49%
High school diploma or equivalent	73.39%	26.61%	81.19%	18.81%	80.73%	19.27%
Some college, no degree	31.25%	68.75%	37.50%	62.50%	35.42%	64.58%
Postsecondary nondegree award	49.43%	50.57%	33.33%	66.67%	28.74%	71.26%
Associate's degree	52.31%	47.69%	30.77%	69.23%	24.62%	75.38%
Bachelor's degree	62.57%	37.43%	62.57%	37.43%	62.01%	37.99%
Master's degree	71.79%	28.21%	56.41%	43.59%	53.85%	46.15%
Doctoral or professional degree	73.85%	26.15%	67.69%	32.31%	63.08%	36.92%

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	65,124	252,390	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	39,290	105,356	126,240	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	21,270	67,530	97,706	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	51,606	111,392	134,465	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	48,035	132,977	167,299	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	56,488	126,453	165,374	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	51,364	97,561	120,080	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	52,219	121,322	148,242	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	35,981	96,987	122,923	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3013	Facilities Managers	54,004	110,978	149,923	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	80,825	143,130	169,901	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	69,495	148,638	165,061	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	56,643	105,968	129,435	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	70,494	123,776	157,239	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	49,012	101,783	130,192	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	71,036	118,426	148,319	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	72,073	115,453	133,529	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	63,233	98,945	126,307	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	23,776	96,006	137,577	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	60,973	118,124	125,812	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	33,523	52,208	58,013	Yes	Yes	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	47,561	91,145	103,243	Yes	Yes	Yes	Master's degree	No	Yes	Yes
11-9033	Education Administrators, Postsecondary	51,874	88,963	98,480	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	42,978	69,837	78,791	Yes	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	93,446	151,398	170,418	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	37,415	68,056	79,403	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	59,942	115,064	116,279	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	46,227	89,914	107,763	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9081	Lodging Managers	39,355	83,836	97,122	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9111	Medical and Health Services Managers	58,914	102,625	104,537	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	53,810	118,908	130,686	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	76,835	91,077	98,675	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	33,728	64,013	73,176	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	36,456	67,606	78,884	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	49,459	89,671	107,233	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	29,338	66,575	76,313	No	Yes	Yes	Associate's degree	No	Yes	Yes
11-9179	Personal Service Managers, All Other	47,229	75,165	81,805	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	57,157	114,175	150,488	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	29,135	93,458	152,263	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	34,897	60,564	74,042	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	37,690	66,976	84,635	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	48,050	66,829	76,399	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	35,100	65,005	81,308	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	37,245	65,662	79,407	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	34,189	61,991	77,388	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	23,481	86,289	120,553	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	49,538	85,394	100,592	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1081	Logisticians	31,792	66,555	83,943	No	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	48,947	86,422	102,061	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	43,680	86,633	99,512	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	34,128	49,153	53,877	Yes	No	No	Bachelor's degree	No	No	No
13-1131	Fundraisers	29,698	54,125	62,937	No	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	40,328	63,641	76,299	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	31,730	63,206	80,591	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	31,380	63,373	75,468	No	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	33,475	67,873	82,472	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	41,082	78,120	92,551	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	36,245	71,468	83,949	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	45,550	67,227	78,197	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	52,170	94,131	104,001	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	48,723	84,393	92,851	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
13-2052	Personal Financial Advisors	33,481	131,520	238,504	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	47,046	75,759	98,271	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-2054	Financial Risk Specialists	61,886	199,684	124,216	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	52,432	102,229	123,913	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2071	Credit Counselors	38,526	48,112	47,714	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	31,376	69,493	84,552	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,245	47,096	70,533	No	No	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	24,273	38,985	45,020	No	No	No	Postsecondary nondegree award	No	No	No
13-2099	Financial Specialists, All Other	32,572	60,237	71,906	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	48,080	94,544	114,004	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	65,000	104,385	110,764	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	76,923	128,160	172,334	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	43,220	75,880	86,288	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	34,715	57,115	68,016	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	53,684	100,998	112,884	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	52,849	97,553	127,077	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	62,511	120,163	160,753	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	43,190	83,849	100,658	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1251	Computer Programmers	52,561	91,767	118,488	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	59,159	112,128	133,525	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	39,006	85,912	107,213	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-1254	Web Developers	37,831	89,187	128,381	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	47,850	92,692	96,433	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	37,072	81,404	106,890	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-2011	Actuaries	68,967	121,768	131,259	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	38,860	92,341	126,985	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	35,214	72,839	98,936	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-2041	Statisticians	39,559	81,431	98,636	Yes	Yes	Yes	Master's degree	No	No	Yes
15-2051	Data Scientists	51,084	100,283	120,804	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other										
17-1011	Architects, Except Landscape and Naval	37,606	98,653	102,643	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-1012	Landscape Architects	39,893	62,267	74,052	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	61,611	83,045	99,675	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1022	Surveyors	34,684	65,105	77,439	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	68,327	127,064	138,461	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	70,103	103,380	126,861	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	65,460	106,020	130,414	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	49,511	99,222	108,216	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	65,003	116,250	135,145	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	61,084	97,224	123,518	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	77,653	96,704	104,630	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	35,130	69,586	82,163	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	61,572	92,200	105,577	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	35,571	84,350	99,561	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2121	Marine Engineers and Naval Architects	50,061	75,787	89,125	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	55,220	90,243	110,557	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	53,736	88,346	106,398	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	45,116	93,973	105,699	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2161	Nuclear Engineers	78,789	113,559	123,079	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	65,285	127,548	153,021	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	44,361	87,520	93,725	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
17-3011	Architectural and Civil Drafters	38,505	52,450	61,045	Yes	Yes	Yes	Associate's degree	Yes	No	No
17-3012	Electrical and Electronics Drafters	44,942	56,920	66,917	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	35,952	55,853	68,882	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3019	Drafters, All Other	38,569	52,830	60,138	Yes	Yes	Yes	Associate's degree	Yes	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	33,330	73,391	106,775	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	31,043	50,003	60,146	No	No	Yes	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	37,405	57,198	63,227	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	44,660	69,151	78,109	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	30,495	44,893	50,741	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	46,445	64,420	73,132	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	32,323	60,552	71,599	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	37,986	61,700	78,322	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	33,808	50,992	64,837	Yes	No	Yes	Associate's degree	No	No	Yes
17-3031	Surveying and Mapping Technicians	29,694	44,772	49,208	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	36,256	79,313	118,251	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	38,549	76,544	105,447	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	39,346	89,418	104,270	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1021	Biochemists and Biophysicists	38,957	85,317	107,526	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	35,372	58,173	71,260	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	34,466	63,960	78,418	Yes	Yes	Yes	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	43,514	66,348	79,934	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	28,995	73,025	104,270	No	Yes	Yes	Bachelor's degree	No	No	Yes
19-1032	Foresters	36,315	58,688	69,113	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	56,230	84,627	99,588	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	42,405	96,342	129,365	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1099	Life Scientists, All Other	54,802	84,161	89,941	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	75,680	154,799	217,150	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	75,680	154,799	217,150	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	60,816	81,557	87,862	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	42,997	81,658	102,145	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-2032	Materials Scientists	66,907	112,840	132,007	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,462	58,531	63,381	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	46,865	89,563	107,905	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	42,105	66,266	79,032	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	43,970	104,922	129,996	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	58,853	93,468	113,947	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	51,392	97,908	124,167	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	72,309	124,439	150,583	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	39,560	98,249	117,823	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	40,396	71,326	77,942	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	47,846	97,704	117,202	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	28,514	57,027	49,401	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	48,805	73,573	77,346	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	38,918	61,273	72,484	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers										
19-3093	Historians	34,974	69,861	95,090	Yes	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	37,364	93,313	126,684	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	42,144	72,523	77,821	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4012	Agricultural Technicians	29,194	38,831	45,078	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	31,645	48,108	55,472	No	No	No	Associate's degree	No	No	No
19-4021	Biological Technicians	31,928	54,059	66,061	No	Yes	Yes	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	30,188	50,176	49,968	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	29,039	42,439	47,466	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	30,758	39,550	43,212	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	35,081	54,831	65,576	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4051	Nuclear Technicians	37,986	61,700	78,322	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4061	Social Science Research Assistants	29,893	47,914	55,026	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	33,050	45,835	54,540	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	36,542	52,921	58,863	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	28,090	45,486	57,392	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	35,630	68,437	84,635	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	39,190	60,563	67,519	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	36,941	55,243	64,461	Yes	Yes	Yes	Master's degree	No	Yes	Yes
21-1013	Marriage and Family Therapists	29,656	39,453	42,724	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	24,351	41,098	46,099	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	36,309	54,155	61,645	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	29,744	44,871	47,560	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	31,139	46,865	50,877	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	29,837	57,208	66,614	No	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	26,789	42,058	49,128	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	36,411	45,761	50,981	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	35,777	50,713	53,531	Yes	No	No	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,282	43,197	49,285	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	27,102	37,350	40,373	No	No	No	Some college, no degree	Yes	No	No
21-1094	Community Health Workers	28,565	43,033	48,192	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	30,755	48,419	59,295	No	No	Yes	Bachelor's degree	No	No	No
21-2011	Clergy	27,340	49,565	58,431	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	27,100	52,207	65,857	No	Yes	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	24,984	39,857	49,197	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	56,630	113,477	133,408	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	31,451	44,475	46,010	No	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	41,425	91,049	113,063	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	48,614	78,310	85,604	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	41,425	91,049	113,063	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	30,687	50,922	58,873	No	No	Yes	Associate's degree	No	No	No
23-2099	Title Examiners, Abstractors, and Searchers	31,113	53,403	59,425	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	28,607	71,358	89,129	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	47,401	65,103	74,545	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	46,865	88,504	109,673	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	46,379	73,892	87,532	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	37,704	100,045	125,440	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	45,719	87,756	120,728	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	43,659	60,573	73,649	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	51,149	86,726	97,237	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	43,659	60,573	73,649	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	45,486	62,506	60,563	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	38,802	79,372	95,333	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,271	70,337	87,688	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	46,613	62,652	61,914	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	45,486	82,879	97,373	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,244	65,139	74,786	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	45,709	57,882	53,141	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	45,486	62,506	60,563	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	44,135	62,147	57,387	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	46,360	79,595	90,534	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	46,554	98,034	117,085	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	45,068	63,420	74,621	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	45,984	70,824	76,227	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-1072	Nursing Instructors and Teachers, Postsecondary	46,875	77,875	92,069	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	36,859	72,600	83,345	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	47,098	72,144	79,498	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	41,561	56,609	59,193	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	44,087	137,341	203,082	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	59,553	68,306	75,058	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	45,631	85,084	95,722	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	44,670	77,856	96,577	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1123	English Language and Literature Teachers, Postsecondary	43,203	66,771	76,476	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	39,938	66,033	76,671	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	40,861	54,103	47,613	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	44,291	65,547	76,826	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	36,859	72,600	83,345	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	42,795	73,018	77,021	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	36,102	53,860	62,842	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	36,091	63,954	75,437	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,779	30,392	31,987	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	46,256	50,566	48,468	Yes	No	No	Bachelor's degree	Yes	No	No
25-2021	Elementary School Teachers, Except Special Education	45,564	59,417	64,487	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	45,890	60,324	64,826	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	46,311	64,002	72,532	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	46,659	61,630	65,159	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	45,863	61,559	65,509	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	36,771	58,552	74,669	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	33,504	46,242	46,655	Yes	No	No	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	47,076	47,996	47,076	Yes	No	No	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	47,257	55,029	62,266	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	30,534	44,445	47,310	No	No	No	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	38,007	48,072	47,057	Yes	No	No	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	23,128	44,479	58,919	No	No	Yes	Some college, no degree	No	Yes	Yes
25-3031	Substitute Teachers, Short-Term	27,968	31,993	30,614	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	21,867	40,887	48,112	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	23,858	51,348	58,534	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	28,533	45,690	54,559	No	No	No	Master's degree	No	No	No
25-4012	Curators	27,134	47,060	48,093	No	No	No	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	29,048	45,845	54,657	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	37,376	54,508	62,129	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	28,080	36,517	43,530	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	28,611	46,030	56,600	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	37,553	63,704	81,179	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	20,586	31,982	39,793	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,425	30,469	31,663	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	23,627	47,050	61,545	No	No	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	51,628	77,414	86,841	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	20,654	33,352	38,462	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	26,349	52,003	77,986	No	Yes	Yes	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	44,971	64,381	73,892	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	25,716	49,498	57,561	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	32,990	74,143	88,154	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	36,363	65,664	77,215	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	27,528	34,006	36,005	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	32,762	47,322	52,160	Yes	No	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	27,538	56,423	69,691	No	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,595	34,419	37,662	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	35,450	44,815	46,399	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	28,290	59,485	73,280	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	29,262	33,371	31,175	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	32,404	64,207	77,200	No	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	35,728	171,022	164,113	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
27-2022	Coaches and Scouts	26,967	66,890	83,058	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	20,615	45,000	45,233	No	No	No	Some college, no degree	No	Yes	No
27-2031	Dancers	29,262	33,371	31,175	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,262	33,371	31,175	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	32,256	62,793	76,256	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,262	33,371	31,175	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,567	58,970	58,397	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,567	58,970	58,397	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,567	58,970	58,397	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	31,056	52,778	66,961	No	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	35,958	61,283	70,566	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	37,172	73,568	86,477	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	40,378	69,084	84,756	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	34,387	57,105	64,193	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	23,982	50,084	56,922	No	No	No	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	27,183	49,250	61,399	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,547	45,884	56,784	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	30,655	53,641	63,053	No	Yes	Yes	Associate's degree	No	No	Yes
27-4012	Broadcast Technicians	21,980	38,523	51,531	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	26,269	65,829	97,956	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	29,135	47,876	58,921	No	No	Yes	Associate's degree	No	No	No
27-4021	Photographers	24,546	40,993	47,744	No	No	No	Some college, no degree	No	No	No
27-4031	Camera Operators, Television, Video, and Film	29,534	57,367	63,361	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	36,045	49,421	56,263	Yes	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	27,124	65,372	89,941	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	39,927	80,560	96,098	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	78,000	154,991	180,497	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	51,033	220,832	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	68,403	166,058	206,832	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	183,015	336,534	204,533	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1029	Dentists, All Other Specialists	51,033	220,832	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*



Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	48,132	65,000	74,302	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1041	Optometrists	53,168	120,581	167,029	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	65,957	117,318	136,087	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	38,911	97,607	132,933	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	29,872	134,971	181,314	No	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1122	Occupational Therapists	61,520	91,021	100,929	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	57,651	92,927	105,126	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	75,556	89,442	102,319	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	29,602	52,733	61,331	No	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	61,315	66,042	74,227	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	51,208	82,595	98,474	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1128	Exercise Physiologists	38,491	51,538	55,113	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	34,917	54,780	58,458	Yes	Yes	No	Bachelor's degree	No	No	No
29-1131	Veterinarians	50,558	109,075	128,507	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	57,606	76,687	81,818	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	148,534	185,085	200,298	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	61,321	94,906	109,022	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	98,463	119,824	135,343	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	60,223	92,322	104,368	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	101,036	291,431	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	183,645	334,072	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	60,495	252,561	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	81,870	338,414	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	131,324	256,832	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	205,450	232,091	222,164	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1217	Neurologists	90,690	266,920	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	143,172	274,211	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	167,228	210,515	231,440	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	63,564	244,663	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1223	Psychiatrists	44,078	209,233	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	49,430	295,754	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	94,899	243,674	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	99,103	213,322	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	202,758	329,766	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	63,148	311,298	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	63,148	311,298	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	28,174	49,119	53,034	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	39,250	72,077	79,705	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	30,719	53,899	69,851	No	Yes	Yes	Master's degree	No	No	No
29-2010	Clinical Laboratory Technologists and Technicians	36,339	53,503	71,006	Yes	Yes	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	31,105	57,015	78,201	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	57,758	71,138	78,098	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	47,879	78,710	91,307	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	44,122	59,529	63,228	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	49,485	69,230	77,970	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	98,141	124,158	138,021	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	29,272	40,799	47,230	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	39,799	59,505	79,007	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	27,381	29,644	28,984	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,247	37,590	39,935	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	28,503	39,063	45,581	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	39,089	52,208	58,995	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	28,880	36,401	38,125	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	29,292	44,461	50,790	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	41,182	51,570	57,398	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	30,890	44,890	50,507	No	No	No	Postsecondary nondegree award	No	No	No
29-2081	Opticians, Dispensing	30,139	51,183	61,082	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	41,425	81,101	94,284	Yes	Yes	Yes	Master's degree	No	No	No
29-2092	Hearing Aid Specialists	30,683	51,694	52,225	No	No	No	Postsecondary nondegree award	No	Yes	No
29-2099	Health Technologists and Technicians, All Other	31,294	43,861	52,028	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	29,869	58,619	77,385	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
29-9091	Athletic Trainers	39,071	53,010	60,548	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	49,974	86,240	100,045	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-9093	Surgical Assistants	45,519	50,832	49,777	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-9099	Healthcare Practitioners and Technical Workers, All Other	28,101	70,039	70,790	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,247	27,916	29,996	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	25,050	32,026	34,871	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	27,695	30,457	31,424	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	26,469	30,617	34,876	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	59,217	66,018	72,083	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,087	54,423	66,373	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	45,988	63,123	71,880	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	22,923	29,031	30,832	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	24,608	47,650	51,959	No	No	No	Postsecondary nondegree award	No	Yes	No
31-9091	Dental Assistants	36,830	43,975	47,627	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	31,216	38,701	41,600	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	30,658	43,188	53,839	No	No	No	High school diploma or equivalent	Yes	No	Yes
31-9094	Medical Transcriptionists	29,311	38,585	44,858	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	23,704	30,234	35,664	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	26,463	32,519	35,510	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	31,012	37,505	38,136	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	25,297	40,609	46,695	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	40,900	52,626	51,490	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	70,117	92,696	97,585	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	77,310	101,798	118,505	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	32,240	49,611	59,561	No	No	Yes	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	40,186	60,143	69,701	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	37,694	60,640	74,146	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	44,738	59,457	61,914	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	54,074	88,921	100,385	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	28,348	53,792	63,352	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	32,053	43,175	46,205	No	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	46,168	78,470	93,346	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	26,269	28,484	28,650	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	30,845	39,569	41,182	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	45,858	61,820	74,914	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	58,018	72,085	59,164	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	35,232	44,571	48,144	Yes	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	29,339	59,613	81,908	No	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,561	34,615	37,519	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	23,083	30,895	31,669	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	25,958	30,419	31,518	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	21,307	25,749	27,275	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	29,519	41,099	47,611	No	No	No	High school diploma or equivalent	No	No	No
33-9094	School Bus Monitors	22,433	27,607	31,033	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	21,745	38,381	44,248	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	36,317	59,603	67,769	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,719	39,817	46,107	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	22,408	26,468	28,727	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	24,878	32,991	35,683	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	31,428	57,182	70,463	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
35-2014	Cooks, Restaurant	27,521	33,144	36,208	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	21,961	29,883	33,798	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	27,210	33,375	35,005	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	23,538	30,682	34,714	No	No	No	No formal educational credential	No	No	Yes
35-3011	Bartenders	21,109	34,255	37,793	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,854	24,986	26,828	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	20,825	32,422	36,018	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	22,655	27,855	29,492	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	20,800	27,793	31,535	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,034	26,618	28,683	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,340	27,894	29,045	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	21,990	27,974	28,349	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	30,648	46,850	56,319	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	35,563	51,889	61,719	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	23,241	29,591	31,609	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,033	28,337	29,437	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	20,800	29,405	33,747	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	30,643	41,257	46,377	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	25,347	33,223	35,849	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	28,948	38,825	41,633	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	25,283	36,116	45,661	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	28,271	37,714	37,451	No	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	32,060	56,085	68,831	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	31,163	51,941	60,733	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	30,596	45,594	53,654	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	28,399	35,373	38,728	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,316	29,987	30,232	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	20,858	34,197	46,185	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	20,819	27,785	29,893	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,207	31,467	36,587	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	30,913	37,364	41,775	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,130	25,422	27,269	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,149	27,339	30,691	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	25,123	40,356	46,962	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	21,375	30,491	32,813	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,626	28,164	28,212	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	31,739	45,359	50,819	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,194	38,481	45,991	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	24,082	33,096	35,264	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	33,710	63,490	80,431	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
39-5011	Barbers	21,218	32,817	36,227	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	22,894	35,692	44,796	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	23,645	35,692	44,796	No	No	No	Postsecondary nondegree award	No	No	No
39-5092	Manicurists and Pedicurists	23,573	33,324	35,717	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,800	26,908	30,577	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	25,192	42,751	49,672	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,004	28,824	33,468	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	24,667	32,394	36,819	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	20,800	49,249	80,842	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
39-9011	Childcare Workers	22,626	27,080	28,909	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	24,601	57,481	82,072	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
39-9032	Recreation Workers	24,231	33,146	38,270	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	27,130	34,907	39,527	No	No	No	Some college, no degree	Yes	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	28,398	29,930	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,357	49,296	56,837	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	45,677	92,831	99,733	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	21,965	26,481	28,304	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,625	32,332	33,497	No	No	No	No formal educational credential	No	Yes	No
41-2021	Counter and Rental Clerks	23,006	34,903	37,650	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	23,198	37,261	41,935	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,327	32,845	34,884	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	31,983	67,259	72,517	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	35,186	60,802	68,420	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	39,668	69,854	76,858	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	26,946	42,975	48,170	No	No	No	Some college, no degree	No	Yes	No
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	27,992	62,197	74,380	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	46,373	98,789	124,552	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	31,440	70,852	80,291	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,576	47,691	75,923	No	No	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models	21,354	31,749	34,139	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	42,328	122,186	182,055	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	30,986	57,092	61,797	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	47,390	119,951	156,139	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	23,475	34,398	31,847	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	20,946	34,469	48,497	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,462	36,810	36,487	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	37,293	62,365	74,295	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	22,600	27,725	30,883	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,317	30,418	33,303	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,568	47,788	56,046	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	34,853	41,976	45,676	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	31,208	41,504	44,949	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	27,364	45,130	51,592	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,558	31,137	37,043	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	35,679	47,943	54,819	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	29,156	40,796	47,604	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	33,620	37,301	38,098	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	24,433	46,498	53,037	No	No	No	Some college, no degree	No	Yes	Yes
43-4011	Brokerage Clerks	36,198	53,889	58,484	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	32,487	36,286	39,443	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	31,216	39,338	43,116	No	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	28,047	42,435	49,459	No	No	No	Some college, no degree	Yes	No	Yes
43-4051	Customer Service Representatives	25,730	36,550	39,392	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,040	34,425	37,519	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	24,983	37,931	45,625	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,037	29,296	30,116	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	28,229	39,625	46,970	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	27,739	32,950	39,290	No	No	No	Some college, no degree	Yes	No	No
43-4131	Loan Interviewers and Clerks	30,299	45,039	51,101	No	No	No	High school diploma or equivalent	Yes	Yes	No
43-4141	New Accounts Clerks	39,684	48,194	49,625	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
43-4151	Order Clerks	26,062	39,629	49,610	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	32,385	42,542	47,607	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	23,788	32,593	36,875	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	25,221	40,723	49,031	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	30,146	43,283	49,567	No	No	No	High school diploma or equivalent	Yes	No	No
43-5011	Cargo and Freight Agents	30,213	52,842	77,770	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	27,671	34,259	35,280	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	32,054	46,542	49,157	No	No	No	High school diploma or equivalent	Yes	Yes	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	29,437	43,237	50,655	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	29,890	42,706	48,901	No	No	No	High school diploma or equivalent	Yes	No	No
43-5051	Postal Service Clerks	39,770	57,848	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	55,058	71,344	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	51,168	59,789	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	31,112	46,380	50,856	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	24,960	36,440	40,691	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	36,102	41,841	46,070	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	37,582	57,421	65,396	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	32,874	44,699	47,278	Yes	No	No	Some college, no degree	Yes	Yes	No
43-6013	Medical Secretaries and Administrative Assistants	29,590	37,332	39,731	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,000	38,395	45,094	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,446	37,730	42,585	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	25,041	35,308	40,601	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	24,977	48,614	58,747	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	31,811	43,579	48,034	No	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	25,044	32,486	36,126	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	26,456	39,947	46,430	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	20,800	29,089	34,832	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	27,396	33,866	35,469	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	34,449	44,670	49,517	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	23,582	41,193	45,363	No	No	No	Some college, no degree	No	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	34,091	60,895	75,511	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	29,120	37,543	39,925	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	26,279	36,188	38,277	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	22,757	26,132	26,997	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	25,580	31,846	31,651	No	No	No	No formal educational credential	Yes	Yes	No
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,771	28,612	29,287	No	No	No	No formal educational credential	Yes	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	23,960	32,613	35,214	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	27,040	33,659	31,929	No	No	No	No formal educational credential	Yes	Yes	No
45-3031	Fishing and Hunting Workers	26,007	34,935	41,813	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	31,797	41,056	48,439	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	38,034	45,184	51,101	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
45-4022	Logging Equipment Operators	27,756	39,909	47,186	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,684	25,560	26,590	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	40,424	43,805	45,350	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	39,907	65,084	76,905	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,800	43,556	54,772	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	30,125	43,244	49,292	No	No	No	High school diploma or equivalent	Yes	No	No
47-2022	Stonemasons	28,319	45,155	56,065	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2031	Carpenters	32,273	44,252	48,700	No	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	20,207	33,021	36,198	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	30,259	41,137	43,699	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,598	38,229	47,613	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	30,236	43,914	47,740	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	30,717	42,432	49,017	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	34,129	50,460	56,133	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	24,927	36,618	39,688	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	29,012	42,318	47,903	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	33,643	46,982	48,390	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	32,861	42,627	48,036	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	21,891	36,739	47,606	No	No	No	No formal educational credential	No	Yes	Yes
47-2082	Tapers	27,785	40,774	45,767	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,061	50,031	56,702	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	28,137	41,915	49,305	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	29,276	41,441	46,332	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	35,372	47,633	49,576	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	28,829	38,497	43,769	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	28,805	35,926	43,261	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	34,756	42,675	45,852	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	31,250	46,954	54,848	No	No	No	Postsecondary nondegree award	No	Yes	Yes
47-2161	Plasterers and Stucco Masons	22,499	39,694	47,047	No	No	No	No formal educational credential	No	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	34,245	45,592	53,520	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	27,043	40,159	47,466	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	32,367	44,263	49,295	No	No	No	High school diploma or equivalent	Yes	No	No
47-2221	Structural Iron and Steel Workers	31,933	49,791	63,757	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	34,517	42,231	45,476	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,800	32,578	36,082	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	24,098	31,732	35,154	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	28,985	35,726	37,209	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	28,696	32,054	32,694	No	No	No	No formal educational credential	Yes	Yes	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	27,185	35,534	36,211	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	29,028	35,217	37,432	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	24,539	36,164	39,822	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	40,223	61,447	74,385	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	38,486	74,478	108,367	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	28,641	38,010	43,091	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	30,844	41,190	46,280	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	30,501	37,768	39,872	No	No	No	High school diploma or equivalent	Yes	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	43,786	53,277	60,486	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30,292	43,947	47,642	No	No	No	High school diploma or equivalent	Yes	No	No
47-4090	Miscellaneous Construction and Related Workers	29,887	40,830	43,826	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas										
47-5012	Rotary Drill Operators, Oil and Gas	39,773	52,451	54,812	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,266	52,752	60,660	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	37,559	48,778	58,413	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5023	Earth Drillers, Except Oil and Gas	35,792	48,620	53,546	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	51,645	68,850	75,352	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	27,115	34,803	36,441	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining										
47-5049	Underground Mining Machine Operators, All Other										
47-5051	Rock Splitters, Quarry	35,848	65,032	86,745	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	33,235	48,060	59,398	Yes	No	Yes	No formal educational credential	Yes	Yes	
47-5081	Helpers-Extraction Workers	28,552	34,119	37,432	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	27,008	43,552	42,571	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	39,520	67,904	80,810	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	28,154	40,094	43,274	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	40,128	52,800	57,728	Yes	Yes	No	Associate's degree	Yes	No	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	45,497	66,564	82,036	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	37,276	66,528	76,243	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	29,912	44,330	49,556	No	No	No	High school diploma or equivalent	Yes	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	38,938	54,657	61,807	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	37,888	50,967	62,087	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	38,802	74,271	96,110	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	35,650	45,347	46,842	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2097	Audiovisual Equipment Installers and Repairers	37,279	44,540	47,529	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-2098	Security and Fire Alarm Systems Installers	30,721	45,027	52,067	No	No	No	Postsecondary nondegree award	No	No	
49-3011	Aircraft Mechanics and Service Technicians	34,453	54,274	63,590	Yes	Yes	Yes	Associate's degree	No	Yes	
49-3021	Automotive Body and Related Repairers	31,811	45,323	45,365	No	No	No	Postsecondary nondegree award	Yes	No	
49-3022	Automotive Glass Installers and Repairers	29,165	44,476	45,089	No	No	No	High school diploma or equivalent	No	No	
49-3023	Automotive Service Technicians and Mechanics	28,652	48,545	61,122	No	No	Yes	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	37,882	55,453	64,535	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	31,680	47,253	54,912	No	No	No	High school diploma or equivalent	Yes	Yes	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	45,971	71,416	75,906	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	36,383	52,238	58,086	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	36,767	51,990	61,489	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3052	Motorcycle Mechanics	28,960	44,689	57,328	No	No	No	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	29,340	42,727	49,567	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	23,254	38,581	45,760	No	No	No	High school diploma or equivalent	No	No	
49-3092	Recreational Vehicle Service Technicians	29,708	47,234	59,563	No	No	Yes	High school diploma or equivalent	Yes	Yes	
49-3093	Tire Repairers and Changers	28,080	32,982	34,050	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	30,311	44,728	52,811	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	31,425	42,499	48,577	No	No	No	Postsecondary nondegree award	No	No	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	31,806	47,485	57,376	No	No	No	Postsecondary nondegree award	Yes	Yes	
49-9031	Home Appliance Repairers	29,620	40,746	47,598	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	37,292	53,235	60,808	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	31,065	50,500	61,689	No	No	Yes	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	39,666	54,355	64,168	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons	25,414	33,682	37,034	No	No	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	38,681	66,139	84,910	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	33,022	49,122	60,077	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	39,103	51,966	57,969	Yes	Yes	No	Associate's degree	Yes	No	
49-9062	Medical Equipment Repairers	31,694	48,528	49,139	No	No	No	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	27,717	40,803	50,061	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	24,064	28,630	27,931	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	40,222	66,329	85,921	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	26,436	39,178	46,138	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians	46,923	66,179	76,719	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	27,246	35,780	37,163	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	38,046	52,252	56,196	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	30,591	45,651	59,580	No	No	Yes	High school diploma or equivalent	Yes	Yes	
49-9095	Manufactured Building and Mobile Home Installers	21,237	30,029	37,995	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	31,681	44,419	53,572	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	45,923	61,535	69,482	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers-Installation, Maintenance, and Repair Workers	28,512	33,753	36,683	No	No	No	High school diploma or equivalent	Yes	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	28,576	40,459	45,898	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	38,803	63,987	79,121	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	33,125	41,749	48,353	Yes	No	No	Postsecondary nondegree award	Yes	No	
51-2021	Coil Winders, Tapers, and Finishers	32,293	44,223	47,118	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	29,585	36,472	40,224	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	32,710	42,231	46,885	Yes	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	27,151	43,165	52,221	No	No	No	High school diploma or equivalent	No	Yes	
51-2051	Fiberglass Laminators and Fabricators	29,904	38,058	39,870	No	No	No	High school diploma or equivalent	Yes	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	25,960	36,151	39,671	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	23,379	31,839	36,797	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	29,220	39,195	43,978	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	25,818	37,846	40,952	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	25,861	27,192	28,222	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	24,254	29,277	30,318	No	No	No	No formal educational credential	Yes	No	
51-3092	Food Batchmakers	21,248	32,886	36,155	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	29,918	33,509	35,662	No	No	No	High school diploma or equivalent	Yes	No	
51-3099	Food Processing Workers, All Other	26,660	34,123	35,279	No	No	No	No formal educational credential	Yes	Yes	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	30,330	39,336	43,611	No	No	No	High school diploma or equivalent	Yes	No	

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,485	38,947	44,485	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	29,806	40,735	43,999	No	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	32,901	38,922	39,706	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,300	54,676	81,227	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	24,888	33,690	35,156	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,144	37,830	46,477	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	34,114	45,302	49,336	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	31,732	49,642	60,679	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	38,044	48,507	49,410	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	28,999	45,340	54,987	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-4061	Model Makers, Metal and Plastic	32,118	50,586	58,873	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,240	49,090	75,855	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	22,617	39,064	53,413	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	27,987	38,648	39,147	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,311	36,985	37,412	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	30,911	50,916	58,790	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	35,360	47,860	53,040	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	29,675	47,404	59,839	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	32,180	39,114	39,530	No	No	No	High school diploma or equivalent	Yes	No	No
51-4192	Layout Workers, Metal and Plastic	32,992	46,418	51,149	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	29,232	39,113	43,591	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	26,755	35,800	37,791	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	28,436	37,957	44,524	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	29,243	41,796	44,463	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	28,726	38,403	43,936	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	25,195	30,356	33,074	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,178	26,708	29,277	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	24,028	27,614	28,206	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	22,818	32,847	39,057	No	No	No	No formal educational credential	No	Yes	Yes
51-6041	Shoe and Leather Workers and Repairers	22,889	32,040	36,169	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	26,299	37,995	44,951	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	21,422	28,951	29,514	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	27,785	34,372	36,130	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,422	26,852	27,445	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	26,959	32,234	35,372	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	26,813	30,835	33,575	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,607	32,633	37,092	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	32,827	57,192	81,344	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,240	49,090	75,855	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	30,795	40,476	44,730	No	No	No	High school diploma or equivalent	Yes	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,580	33,196	37,024	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	29,309	41,898	49,129	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	36,198	44,916	51,173	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	27,562	36,990	38,761	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	26,068	30,198	32,814	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	26,755	31,681	32,021	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	47,166	74,417	94,216	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	52,140	86,230	100,764	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	50,618	83,098	98,509	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	46,865	61,205	66,179	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	35,844	52,222	60,820	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	40,648	60,214	65,188	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	30,117	55,223	64,510	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	47,098	61,127	77,021	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	39,190	56,260	63,070	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	28,999	45,340	54,987	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	27,467	44,910	52,317	No	No	No	High school diploma or equivalent	No	No	Yes
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	29,162	51,724	60,111	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-9022	Grinding and Polishing Workers, Hand	31,088	35,927	39,029	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	30,602	41,733	47,338	No	No	No	High school diploma or equivalent	Yes	No	No
51-9031	Cutters and Trimmers, Hand	21,324	34,644	38,918	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	30,626	42,861	52,819	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	26,930	37,131	43,892	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29,796	38,161	42,833	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	28,825	46,077	51,973	No	No	No	Postsecondary nondegree award	No	Yes	No
51-9071	Jewelers and Precious Stone and Metal Workers	33,280	50,400	61,694	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-9081	Dental Laboratory Technicians	36,216	61,621	64,494	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes

Wages - Workforce Region 20

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	30,671	48,840	50,836	No	No	No	Postsecondary nondegree award	No	Yes	No
51-9083	Ophthalmic Laboratory Technicians	29,178	37,639	41,867	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	23,639	37,279	42,719	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	25,865	32,960	37,403	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	31,086	44,821	49,277	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	36,995	46,554	49,372	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	22,743	34,391	37,034	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	34,472	47,190	50,441	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
51-9162	Computer Numerically Controlled Tool Programmers	48,129	68,584	78,827	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	22,607	32,633	37,092	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	25,317	35,032	45,923	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	26,823	44,456	47,351	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	28,397	33,866	37,325	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	30,455	39,801	44,425	No	No	No	High school diploma or equivalent	Yes	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	28,348	43,212	50,907	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	28,212	36,509	39,453	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	23,473	32,001	36,489	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	26,594	36,568	40,577	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	36,781	55,463	60,505	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	33,857	56,147	67,998	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	105,825	263,004	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	53,794	127,192	187,235	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	77,681	122,759	152,768	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	28,735	39,621	49,020	No	No	No	Some college, no degree	Yes	No	Yes
53-2031	Flight Attendants	34,207	67,306	76,855	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	25,016	29,786	31,622	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	20,800	33,555	41,255	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	32,546	47,247	50,576	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
53-3033	Light Truck Drivers	26,419	43,146	48,006	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	25,065	36,128	40,874	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	31,306	33,612	34,946	No	No	No	High school diploma or equivalent	Yes	No	No
53-3053	Shuttle Drivers and Chauffeurs	24,386	31,015	32,613	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,275	30,787	31,030	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	20,894	32,727	36,076	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	54,977	66,781	72,144	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,282	52,442	50,518	No	Yes	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	38,015	57,484	60,126	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	61,564	69,491	72,192	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,387	40,570	50,955	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	40,084	40,754	40,094	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	28,290	44,242	48,808	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	24,702	68,879	80,551	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
53-5022	Motorboat Operators	29,876	47,066	55,120	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5031	Ship Engineers	70,502	95,489	106,272	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	23,394	31,127	35,343	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,415	28,163	30,927	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	27,227	31,575	35,557	No	No	No	No formal educational credential	Yes	No	Yes
53-6032	Aircraft Service Attendants	28,951	35,916	36,295	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	36,121	51,015	52,959	Yes	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	57,090	98,711	107,245	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	20,674	31,661	37,004	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,207	29,864	31,642	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	28,698	33,643	34,789	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	35,388	58,192	69,519	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	34,692	45,981	47,885	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	31,341	49,109	50,324	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,301	41,049	46,984	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,207	28,619	29,831	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,632	33,596	36,758	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	29,447	43,206	47,511	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	22,557	25,362	25,337	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	25,150	33,112	36,983	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	29,825	45,576	33,050	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	36,687	44,847	49,575	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps	29,825	35,576	33,050	No	No	No	High school diploma or equivalent	Yes	No	No
53-7081	Refuse and Recyclable Material Collectors	29,730	40,103	47,396	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	42,124	58,708	59,611	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	28,278	32,458	38,663	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 20

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	32,455	51,762	58,794	821
No formal educational credential	23,636	31,690	34,496	82
High school diploma or equivalent	29,667	45,015	51,560	235
Some college, no degree	27,045	42,690	48,475	49
Postsecondary nondegree award	31,613	45,699	52,949	89
Associate's degree	36,387	54,495	61,931	68
Bachelor's degree	44,976	82,770	96,795	183
Master's degree	51,592	81,763	95,695	42
Doctoral or professional degree	71,405	152,343	155,103	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	467	354	471	350	471	350
No formal educational credential	42.68%	57.32%	34.15%	65.85%	36.59%	63.41%
High school diploma or equivalent	60.85%	39.15%	76.60%	23.40%	77.45%	22.55%
Some college, no degree	24.49%	75.51%	32.65%	67.35%	34.69%	65.31%
Postsecondary nondegree award	44.94%	55.06%	33.71%	66.29%	41.57%	58.43%
Associate's degree	55.88%	44.12%	45.59%	54.41%	41.18%	58.82%
Bachelor's degree	58.47%	41.53%	60.11%	39.89%	57.92%	42.08%
Master's degree	83.33%	16.67%	64.29%	35.71%	59.52%	40.48%
Doctoral or professional degree	78.08%	21.92%	67.12%	32.88%	63.01%	36.99%



Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	65,580	236,248	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	40,912	115,001	142,571	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	79,662	104,614	No	Yes	Yes	Bachelor's degree	No	No	No
11-2011	Advertising and Promotions Managers	64,399	130,357	143,918	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	62,855	146,109	180,761	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	61,575	137,851	167,636	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	64,749	111,099	126,479	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	75,125	141,475	170,975	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	48,788	111,864	135,690	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3013	Facilities Managers	52,167	102,272	131,008	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	96,563	157,412	175,505	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	80,124	174,132	208,026	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	47,957	113,991	140,354	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	76,755	133,511	165,537	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	51,515	106,586	130,537	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	77,357	130,123	167,578	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	74,995	129,241	155,190	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	69,684	127,118	147,873	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	26,193	96,255	134,478	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	63,858	122,033	132,938	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	31,200	59,338	61,099	No	Yes	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	52,312	103,142	123,323	Yes	Yes	Yes	Master's degree	No	Yes	Yes
11-9033	Education Administrators, Postsecondary	62,230	106,509	110,222	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	32,240	72,020	80,728	No	Yes	No	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	101,974	166,568	202,759	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	40,147	80,185	95,295	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	66,865	128,355	129,709	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	45,531	88,232	103,153	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	49,658	106,398	143,796	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9111	Medical and Health Services Managers	62,667	112,845	129,324	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	43,992	105,362	130,686	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9131	Postmasters and Mail Superintendents	71,406	100,017	113,755	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	35,095	72,066	80,413	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	39,125	76,137	91,062	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	51,341	110,506	133,412	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	48,513	77,169	81,383	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	49,174	74,214	86,187	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	61,797	130,893	163,756	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	27,030	93,108	161,336	No	Yes	Yes	Bachelor's degree	No	No	Yes
13-1020	Buyers and Purchasing Agents	38,485	67,599	80,746	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	38,972	65,931	78,730	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	53,600	74,548	85,223	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	39,825	72,531	90,189	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	36,320	68,661	81,636	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	39,930	75,814	80,622	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	26,193	96,255	134,478	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
13-1075	Labor Relations Specialists	26,695	72,308	82,183	No	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	40,662	64,274	78,466	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	50,854	96,821	115,785	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	37,435	98,765	129,911	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	34,373	56,826	69,912	Yes	No	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	37,829	65,302	83,222	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	46,566	72,007	86,333	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	35,801	65,838	80,441	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	39,520	102,144	102,535	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
13-1199	Business Operations Specialists, All Other	36,415	69,269	80,706	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	46,950	82,661	97,717	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	43,412	66,929	82,707	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	49,205	77,321	91,981	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	48,305	90,979	109,231	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-2051	Financial and Investment Analysts	55,536	96,788	103,292	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	39,122	147,168	174,144	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	48,558	76,829	94,690	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	48,560	141,351	134,138	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	48,955	89,875	112,093	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
13-2071	Credit Counselors	32,297	48,840	49,988	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	29,136	73,803	96,795	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	30,514	55,065	70,533	No	No	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	23,495	47,127	74,616	No	No	Yes	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	36,666	72,916	99,635	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	53,301	95,942	111,271	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	62,406	113,445	131,351	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	82,624	149,126	174,584	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	47,747	74,368	89,749	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	32,060	55,282	64,635	No	No	No	Postsecondary nondegree award	No	Yes	Yes
15-1241	Computer Network Architects	64,145	115,541	139,264	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	56,909	108,656	132,563	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	87,418	139,200	169,925	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	55,740	93,274	107,762	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1251	Computer Programmers	55,131	93,174	108,873	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1252	Software Developers	52,597	112,516	134,303	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	49,435	90,212	106,711	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1254	Web Developers	57,091	71,174	70,646	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	49,074	87,780	96,368	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	30,095	85,554	110,528	No	Yes	Yes	Bachelor's degree	No	No	Yes
15-2011	Actuaries	70,987	130,601	157,395	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	43,348	103,007	141,652	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	43,897	81,588	100,904	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	38,688	81,443	97,238	Yes	Yes	Yes	Master's degree	No	No	Yes
15-2051	Data Scientists	60,229	108,415	127,807	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	44,129	90,837	110,029	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
17-1011	Architects, Except Landscape and Naval	20,800	74,635	101,045	No	Yes	No	Bachelor's degree	No	No	No
17-1012	Landscape Architects	43,707	66,304	76,719	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	52,613	80,739	98,954	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	36,393	68,870	82,911	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	79,473	118,662	131,754	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers	43,466	72,268	87,238	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2031	Bioengineers and Biomedical Engineers	50,340	87,962	96,764	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2041	Chemical Engineers	73,020	118,265	145,477	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	40,262	95,713	123,793	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2061	Computer Hardware Engineers	65,223	115,332	151,580	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	60,500	99,686	125,124	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	78,674	109,727	130,643	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	43,752	90,468	107,668	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	63,552	98,018	111,765	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2112	Industrial Engineers	63,579	105,326	128,587	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	51,532	62,382	51,532	Yes	Yes	No	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	66,098	101,313	117,006	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	63,065	107,015	129,298	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	50,327	104,827	117,908	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2161	Nuclear Engineers	77,971	123,255	158,212	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	72,825	142,280	170,695	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	50,294	95,999	122,992	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-3011	Architectural and Civil Drafters	44,744	64,466	77,872	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3012	Electrical and Electronics Drafters	50,132	63,495	74,646	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	35,360	54,664	62,421	Yes	No	No	Associate's degree	No	No	No
17-3019	Drafters, All Other	39,686	59,269	64,266	Yes	Yes	No	Associate's degree	No	Yes	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	36,343	69,707	82,439	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	36,456	59,336	72,612	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3023	Electrical and Electronic Engineering Technologists and Technicians	42,512	63,428	75,601	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	49,818	77,138	87,130	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	36,005	52,049	59,425	Yes	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	44,446	64,709	75,853	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	42,890	60,923	64,897	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
17-3028	Calibration Technologists and Technicians	39,098	58,530	63,726	Yes	Yes	No	Associate's degree	No	No	No
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	36,394	60,917	74,235	Yes	Yes	Yes	Associate's degree	No	Yes	No
17-3031	Surveying and Mapping Technicians	31,022	47,875	55,438	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	40,444	88,474	131,909	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-1012	Food Scientists and Technologists	36,115	70,729	97,488	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1013	Soil and Plant Scientists	62,384	89,388	102,409	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1021	Biochemists and Biophysicists	59,491	100,272	129,579	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-1022	Microbiologists	39,048	65,714	76,918	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	33,478	46,665	49,462	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	43,680	50,535	52,000	Yes	No	No	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	31,734	64,281	83,200	No	Yes	No	Bachelor's degree	No	No	No
19-1032	Foresters	40,509	65,467	77,095	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	78,649	99,775	106,953	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-1042	Medical Scientists, Except Epidemiologists	56,834	81,497	81,020	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1099	Life Scientists, All Other	61,132	93,882	100,330	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
19-2011	Astronomers	84,421	172,678	242,231	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	84,421	172,678	242,231	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	67,840	90,977	98,011	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	48,014	76,537	86,879	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2032	Materials Scientists	74,635	125,873	147,255	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,899	61,749	74,934	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	54,004	90,119	105,713	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2043	Hydrologists	53,746	63,982	66,665	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2099	Physical Scientists, All Other	48,223	127,767	210,891	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-3011	Economists	92,997	119,619	149,344	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	57,328	109,216	138,509	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	80,661	138,812	167,975	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	37,344	77,932	93,849	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	74,618	91,839	98,035	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3039	Psychologists, All Other	49,245	88,402	120,640	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	31,807	63,614	55,107	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	53,476	77,834	94,896	Yes	Yes	Yes	Master's degree	Yes	No	No

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	49,492	63,218	65,455	Yes	Yes	No	Master's degree	No	No	No
19-3092	Geographers	61,132	93,882	100,330	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3093	Historians	39,014	77,930	106,074	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists	41,679	104,090	141,316	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	47,303	83,861	87,360	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4012	Agricultural Technicians	32,565	43,316	50,284	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	35,699	60,647	77,617	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4021	Biological Technicians	28,481	42,436	49,660	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	34,168	47,934	50,873	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	29,200	44,953	59,697	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	31,664	40,691	45,652	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	39,133	61,165	73,150	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4051	Nuclear Technicians	42,373	68,826	87,369	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4061	Social Science Research Assistants	32,184	52,161	64,862	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	36,868	51,129	60,839	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	51,459	75,561	82,481	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	50,000	58,808	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	39,094	70,543	87,360	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	38,060	79,255	113,155	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	37,261	58,049	75,822	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
21-1013	Marriage and Family Therapists	36,320	48,238	51,908	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	30,005	46,668	49,441	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	36,727	52,013	60,854	Yes	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	33,706	41,794	45,165	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	37,586	49,045	58,805	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	34,657	56,905	66,094	Yes	No	No	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	32,014	48,005	57,705	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	39,603	57,639	56,659	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	28,933	61,562	87,266	No	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	33,280	45,161	54,018	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	28,074	40,803	46,864	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	30,475	48,487	61,867	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	27,887	75,328	82,706	No	Yes	Yes	Bachelor's degree	No	No	No
21-2011	Clergy	27,639	56,839	63,507	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	32,177	54,540	75,358	No	No	Yes	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	29,932	53,301	61,659	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	59,093	143,261	164,852	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
23-1012	Judicial Law Clerks	38,126	50,989	48,693	Yes	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	46,209	101,565	126,122	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	33,845	67,462	89,021	No	Yes	Yes	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	46,209	101,565	126,122	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	38,746	59,175	64,912	Yes	Yes	No	Associate's degree	No	Yes	No
23-2099	Title Examiners, Abstractors, and Searchers	37,381	60,187	75,428	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	29,120	71,884	129,605	No	Yes	Yes	Associate's degree	No	Yes	Yes
25-1011	Business Teachers, Postsecondary	51,368	93,058	106,290	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	52,278	98,726	122,340	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	51,736	82,427	97,642	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	42,059	111,600	139,929	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	50,999	97,892	134,673	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	48,702	67,569	82,156	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	57,057	96,743	108,469	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	48,702	67,569	82,156	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	50,739	69,726	67,558	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	43,283	88,539	106,344	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	48,268	78,461	97,816	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	51,996	69,888	69,065	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	50,739	92,451	108,620	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	52,701	72,663	83,424	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	50,989	64,567	59,279	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	50,739	69,726	67,558	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	49,233	69,325	64,015	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	51,715	88,788	100,991	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	51,931	109,357	130,609	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	50,273	70,745	83,240	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	51,595	101,782	110,376	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	50,012	79,597	88,122	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	41,116	80,986	92,971	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	52,538	80,476	88,680	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	46,361	63,148	66,030	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	49,179	153,204	226,539	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1113	Social Work Teachers, Postsecondary	66,431	76,196	83,727	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	49,596	75,547	78,820	Yes	Yes	Yes	Master's degree	No	No	No
25-1122	Communications Teachers, Postsecondary	49,829	86,849	107,732	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	48,193	74,483	85,310	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	44,551	73,660	85,526	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	45,581	60,352	53,113	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	47,763	68,095	80,391	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	41,116	80,986	92,971	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	47,737	81,452	85,917	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	38,504	65,043	78,403	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	40,260	71,341	84,150	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	22,054	30,765	35,397	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	44,729	51,445	57,995	Yes	No	No	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	46,727	53,176	58,442	Yes	No	No	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	47,988	53,937	58,709	Yes	No	No	Bachelor's degree	Yes	No	No
25-2023	Career/Technical Education Teachers, Middle School	51,660	71,395	80,910	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	48,599	55,439	58,788	Yes	No	No	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	46,997	67,142	76,502	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2051	Special Education Teachers, Preschool	49,293	53,191	58,437	Yes	No	No	Bachelor's degree	Yes	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	27,379	50,338	58,739	No	No	No	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	49,304	55,110	58,846	Yes	No	No	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	49,361	55,888	58,196	Yes	No	No	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	30,151	57,146	77,919	No	No	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	38,914	57,039	76,471	Yes	No	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	23,072	41,999	52,223	No	No	No	Some college, no degree	No	No	Yes
25-3031	Substitute Teachers, Short-Term	27,019	45,958	50,402	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	22,908	38,949	48,295	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	27,419	47,084	57,226	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	31,829	50,967	60,861	No	No	No	Master's degree	No	No	No
25-4012	Curators	36,718	62,364	71,657	Yes	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	34,634	47,829	51,342	Yes	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	48,962	59,665	64,101	Yes	Yes	No	Master's degree	No	No	No
25-4031	Library Technicians	36,493	42,523	45,816	Yes	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	30,552	48,291	60,546	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	35,871	63,985	76,230	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	22,964	35,676	44,389	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,384	27,831	29,286	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	23,125	41,842	48,334	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	45,263	76,695	89,887	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1012	Craft Artists	23,040	37,204	42,904	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	27,490	43,753	44,393	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	47,516	72,524	78,108	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	27,163	44,925	46,426	No	No	No	Some college, no degree	No	Yes	No
27-1021	Commercial and Industrial Designers	41,600	64,853	80,397	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	41,018	68,711	79,477	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	28,289	36,110	37,214	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	34,090	61,723	68,498	No	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	36,232	67,949	79,029	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	27,868	34,909	38,724	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	40,162	53,342	58,200	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	31,558	66,356	81,744	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	38,775	86,100	98,201	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	37,277	139,008	99,986	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
27-2022	Coaches and Scouts	26,947	56,858	59,213	No	No	No	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	21,218	51,616	79,990	No	No	Yes	Some college, no degree	No	Yes	Yes
27-2031	Dancers	32,641	37,225	34,776	No	No	No	High school diploma or equivalent	Yes	No	No
27-2032	Choreographers	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	31,748	81,810	119,178	No	Yes	Yes	Bachelor's degree	No	No	Yes
27-2042	Musicians and Singers	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	24,058	65,781	65,142	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	24,058	65,781	65,142	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	24,058	65,781	65,142	No	Yes	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	39,259	76,623	88,150	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	32,804	64,404	77,210	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	38,781	72,170	80,573	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	46,754	79,952	91,660	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	38,583	63,075	72,935	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	33,662	58,290	76,759	No	Yes	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	28,285	51,739	63,888	No	No	No	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	21,706	49,724	60,884	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	25,707	44,680	59,167	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	28,814	71,003	108,192	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	36,871	94,389	119,026	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	29,994	41,409	34,794	No	No	No	Associate's degree	No	Yes	No
27-4021	Photographers	29,144	50,262	63,977	No	No	No	Some college, no degree	Yes	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	34,124	64,323	70,616	No	Yes	Yes	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	35,953	59,525	69,292	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	24,212	54,099	65,871	No	No	No	Associate's degree	No	No	No
29-1011	Chiropractors	43,954	83,627	82,065	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	55,308	166,327	217,076	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	56,927	246,338	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	76,304	185,239	230,722	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	56,927	246,338	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	52,535	183,462	217,381	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	47,298	66,606	78,517	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	35,984	90,312	130,824	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1051	Pharmacists	71,222	127,005	141,003	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1071	Physician Assistants	77,833	124,349	138,768	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	30,972	104,644	122,782	No	Yes	Yes	Doctoral or professional degree	No	No	No
29-1122	Occupational Therapists	75,433	93,120	102,184	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1123	Physical Therapists	45,490	87,697	102,699	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	63,645	76,939	84,692	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	28,839	51,554	66,620	No	No	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	49,331	68,476	74,966	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	79,483	97,605	104,270	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	38,243	51,407	53,184	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	37,138	69,209	78,623	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	51,070	115,899	135,509	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	61,738	80,039	85,496	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	144,997	162,647	171,159	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	68,404	105,868	121,614	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	53,288	103,786	125,222	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	67,179	102,985	116,423	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	112,706	325,091	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	195,545	464,706	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	67,483	281,732	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1214	Emergency Medicine Physicians	223,201	375,939	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	79,956	223,379	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	50,613	264,767	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	101,164	297,749	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	67,483	281,732	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	131,866	211,800	258,172	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	66,315	122,442	125,558	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1223	Psychiatrists	56,704	232,997	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	55,139	329,914	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	46,502	206,687	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	102,009	134,134	102,009	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1242	Orthopedic Surgeons, Except Pediatric	70,441	347,253	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	70,441	347,253	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1249	Surgeons, All Other	63,384	162,535	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1291	Acupuncturists	31,428	54,792	59,160	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	58,073	74,505	80,938	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	75,234	141,878	208,000	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	32,078	55,661	73,913	No	No	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	30,860	54,733	77,016	No	No	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	62,680	74,703	83,093	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	68,321	82,294	87,480	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	45,891	63,397	74,757	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	58,082	72,965	80,468	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	113,834	135,271	146,837	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	29,786	44,032	49,800	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	38,688	65,483	92,714	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	23,683	33,746	36,588	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	29,851	39,919	46,604	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	28,524	36,817	38,831	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	40,277	53,454	60,334	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	30,127	39,548	45,831	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	30,717	43,189	47,932	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	44,896	55,809	59,339	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	31,318	48,331	59,126	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	25,969	49,152	59,930	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	49,819	92,521	98,634	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	35,113	56,875	70,816	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	31,831	41,557	41,600	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	37,826	67,228	82,896	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	42,991	59,745	66,442	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	55,746	96,201	111,600	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-9093	Surgical Assistants	60,211	70,575	85,805	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	28,761	66,412	79,982	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	22,415	28,549	31,058	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	26,961	33,512	36,520	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	28,101	31,540	34,844	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	29,087	35,264	37,529	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	52,002	67,337	75,760	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	32,446	60,709	74,039	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	49,255	67,821	76,416	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	21,092	29,777	31,749	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	27,016	49,470	54,065	No	No	No	Postsecondary nondegree award	No	Yes	No
31-9091	Dental Assistants	32,906	41,054	46,399	No	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	30,755	38,696	43,195	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	29,891	38,860	42,698	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	29,268	37,826	44,411	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	23,911	32,175	38,544	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	28,316	34,747	37,529	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	31,250	38,461	40,388	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	27,387	43,678	52,915	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	62,691	82,670	101,098	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	77,743	116,089	130,969	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	81,506	111,745	123,626	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	30,551	52,506	60,993	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	26,255	56,557	69,770	No	No	Yes	Some college, no degree	No	Yes	Yes
33-2011	Firefighters	46,164	70,034	78,246	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	52,846	85,995	101,650	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	60,319	99,192	111,980	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	31,623	60,005	70,669	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3012	Correctional Officers and Jailers	32,926	67,660	99,969	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3021	Detectives and Criminal Investigators	59,800	95,090	101,462	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	29,304	31,774	31,959	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	33,847	46,873	55,420	No	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	52,957	77,908	97,664	Yes	Yes	Yes	Associate's degree	Yes	Yes	No
33-3052	Transit and Railroad Police	64,719	80,411	65,998	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	44,196	49,876	58,645	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
33-9021	Private Detectives and Investigators	33,973	67,525	86,947	No	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	30,745	38,613	41,853	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	23,355	31,783	34,734	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	29,773	34,571	35,227	No	No	No	No formal educational credential	Yes	Yes	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	23,505	32,552	36,435	No	No	No	No formal educational credential	No	Yes	Yes
33-9093	Transportation Security Screeners	37,586	46,301	50,107	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	24,254	26,070	26,200	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	27,141	41,117	52,365	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	29,954	62,223	76,097	No	Yes	Yes	Associate's degree	No	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	28,087	44,057	54,345	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	22,108	27,978	31,317	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	24,943	31,184	35,515	No	No	No	No formal educational credential	Yes	No	Yes
35-2013	Cooks, Private Household	35,058	63,787	78,601	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	29,285	35,424	38,188	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	22,325	28,198	34,024	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	29,444	36,337	38,450	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	24,839	32,002	35,265	No	No	No	No formal educational credential	Yes	No	Yes
35-3011	Bartenders	21,487	33,482	38,463	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,640	26,804	28,649	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,456	33,429	35,706	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	23,378	28,273	31,520	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,602	28,167	29,671	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,349	27,130	29,432	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,435	30,009	32,923	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	23,860	30,702	34,167	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	30,631	47,072	57,429	No	No	No	High school diploma or equivalent	No	No	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	36,381	52,511	61,619	Yes	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,675	29,280	33,069	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,873	29,873	31,200	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	26,486	32,966	35,979	No	No	No	No formal educational credential	Yes	Yes	Yes
37-2021	Pest Control Workers	33,079	43,245	46,750	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	28,593	34,092	36,658	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	29,228	41,459	46,804	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	26,568	39,597	48,658	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	35,910	36,806	38,549	Yes	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	35,762	62,563	76,781	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	30,920	53,289	61,987	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	29,601	45,409	54,155	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	29,850	47,899	50,019	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,498	31,841	34,890	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	23,267	38,147	51,520	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	23,224	30,994	33,346	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	22,541	35,101	40,813	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	33,205	38,648	39,958	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,896	26,628	28,671	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,902	28,547	29,952	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	28,025	45,017	52,387	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	23,339	30,823	32,772	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	25,240	31,417	31,471	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	35,405	50,598	56,689	Yes	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	33,682	42,926	51,303	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	23,450	31,338	35,060	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	37,583	60,157	70,019	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
39-5011	Barbers	23,668	36,608	40,412	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	20,851	33,913	38,149	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	40,823	47,434	42,070	Yes	No	No	Postsecondary nondegree award	Yes	No	No
39-5092	Manicurists and Pedicurists	21,442	33,362	34,107	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	22,541	26,594	28,697	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	21,516	40,002	45,879	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	22,056	30,291	35,984	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	28,865	37,077	37,697	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	26,452	39,660	44,210	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	23,206	29,574	31,242	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	40,929	49,031	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	23,057	32,972	35,866	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	27,036	38,277	42,949	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	27,140	28,883	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,389	53,400	61,481	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	43,751	92,394	106,168	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,424	27,055	28,472	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	23,007	36,066	37,366	No	No	No	No formal educational credential	No	Yes	Yes
41-2021	Counter and Rental Clerks	26,395	37,664	40,761	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	23,628	38,306	45,490	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,971	34,053	35,984	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	33,972	66,998	74,610	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	25,350	65,228	62,855	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	40,033	88,456	96,471	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	26,800	47,347	54,316	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	32,111	70,692	84,989	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	37,501	100,188	124,397	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	33,602	74,504	84,581	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	21,410	47,678	66,560	No	No	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models	23,820	35,416	38,082	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	34,800	124,040	174,645	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	28,576	54,460	63,440	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	43,517	113,554	154,414	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	23,090	33,114	33,615	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	23,365	38,450	54,099	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,287	37,439	37,880	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	38,740	66,161	77,202	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	27,040	31,807	34,443	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	28,241	33,931	37,150	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	25,175	53,308	62,519	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	31,841	41,085	45,928	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	29,754	43,790	48,657	No	No	No	High school diploma or equivalent	No	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,337	45,961	51,933	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	24,048	34,733	41,322	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	38,287	50,502	56,837	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	30,559	42,986	48,816	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	34,594	38,139	42,580	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	36,470	66,058	69,252	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	38,221	63,605	72,067	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	36,239	40,477	43,999	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	36,685	43,001	45,531	Yes	No	No	Some college, no degree	Yes	No	No
43-4041	Credit Authorizers, Checkers, and Clerks	28,868	37,678	39,407	No	No	No	Some college, no degree	Yes	No	No
43-4051	Customer Service Representatives	28,018	39,480	45,018	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	28,309	40,956	49,982	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	21,227	37,530	44,062	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,402	32,434	35,154	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	28,655	40,831	46,581	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	27,548	36,552	38,860	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	33,047	47,850	58,064	No	No	No	High school diploma or equivalent	Yes	No	Yes
43-4141	New Accounts Clerks	39,295	47,066	50,978	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	28,640	36,301	38,873	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	29,987	43,863	49,181	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	25,926	33,265	36,820	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	26,534	40,678	42,212	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	28,066	42,769	48,610	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	35,566	53,360	61,777	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	28,336	33,909	35,755	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	43,576	64,472	79,581	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5032	Dispatchers, Except Police, Fire, and Ambulance	29,718	44,969	49,497	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	35,219	53,538	62,202	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5051	Postal Service Clerks	39,770	57,766	68,307	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,354	56,556	71,344	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	38,584	54,148	68,307	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	31,679	51,752	59,620	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	26,683	38,119	44,007	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	26,534	39,697	43,417	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	38,761	64,638	76,525	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	30,474	47,652	56,275	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	30,310	38,818	45,377	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	28,576	41,438	47,674	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	27,768	36,052	38,486	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	23,043	37,085	39,419	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	33,469	46,426	54,224	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	27,649	43,045	48,215	No	No	No	High school diploma or equivalent	No	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	26,148	36,261	40,949	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	26,000	41,456	49,254	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	21,325	32,718	38,823	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	30,561	37,778	39,566	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	38,428	49,829	55,237	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	29,746	41,502	47,451	No	No	No	Some college, no degree	Yes	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	30,120	52,091	66,056	No	No	No	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	27,035	38,727	41,806	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	29,314	40,368	42,698	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	24,188	28,512	29,661	No	No	No	No formal educational credential	Yes	No	No
45-2091	Agricultural Equipment Operators	26,933	33,590	36,564	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	22,274	26,994	28,879	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	30,529	41,626	48,994	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	23,278	38,667	45,429	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	29,011	38,970	46,643	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	35,470	45,798	54,034	Yes	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	42,427	50,403	57,003	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-4022	Logging Equipment Operators	30,962	44,519	52,636	No	No	No	High school diploma or equivalent	Yes	No	No
45-4023	Log Graders and Scalers	24,188	28,512	29,661	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	45,093	48,864	50,588	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	46,217	73,014	81,265	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	22,541	50,772	61,771	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	30,052	44,533	51,176	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	30,068	52,028	60,837	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2031	Carpenters	37,184	48,620	54,769	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2041	Carpet Installers	20,800	29,510	32,349	No	No	No	No formal educational credential	No	No	No
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	36,586	49,157	55,443	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	26,323	42,644	53,113	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	36,564	50,431	56,482	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	31,361	43,760	48,679	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	35,127	53,897	57,786	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	22,148	38,602	44,115	No	No	No	No formal educational credential	No	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	30,089	41,738	46,892	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	33,580	47,213	56,371	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-2073	Operating Engineers and Other Construction Equipment Operators	35,772	46,695	50,323	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	28,749	40,531	49,400	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2082	Tapers	30,994	45,483	51,054	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	37,756	52,084	58,866	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	30,994	45,483	51,054	No	No	No	High school diploma or equivalent	Yes	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	29,910	42,793	48,319	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	37,411	45,186	48,026	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2141	Painters, Construction and Maintenance	29,579	38,992	42,940	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	32,132	40,076	48,258	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	36,929	45,979	49,290	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	33,280	50,143	58,307	No	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	26,904	42,187	48,954	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	37,711	44,538	44,021	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2181	Roofers	28,631	44,384	49,740	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	35,808	48,739	56,014	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2221	Structural Iron and Steel Workers	35,001	49,501	57,967	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	38,504	47,109	50,728	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	22,541	37,193	41,354	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	29,502	36,634	38,881	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3013	Helpers—Electricians	29,950	38,031	38,520	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	24,408	30,542	32,933	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	29,934	37,775	40,117	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	32,381	39,284	41,755	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	30,301	40,097	44,291	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	45,093	65,858	77,100	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	48,964	83,573	103,521	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	30,320	41,062	49,198	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	33,053	43,782	50,154	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	33,134	41,947	46,613	No	No	No	High school diploma or equivalent	Yes	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	48,843	59,431	67,472	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	38,280	47,705	59,145	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
47-4090	Miscellaneous Construction and Related Workers	34,716	43,743	47,205	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	37,074	53,611	66,258	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	44,367	58,510	61,143	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	40,455	58,845	67,667	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	38,539	49,674	57,422	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5023	Earth Drillers, Except Oil and Gas	36,927	52,490	59,148	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	57,610	76,803	88,517	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	29,759	43,619	48,258	No	No	No	No formal educational credential	Yes	Yes	Yes



Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	37,365	43,105	47,167	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	38,851	43,988	48,778	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	39,989	72,544	96,764	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	37,074	53,611	66,258	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers-Extraction Workers	29,936	36,989	44,969	No	No	No	High school diploma or equivalent	No	No	No
47-5099	Extraction Workers, All Other	30,127	48,583	47,488	No	No	No	High school diploma or equivalent	No	Yes	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	44,416	68,810	80,313	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	32,651	40,995	47,496	No	No	No	Postsecondary nondegree award	No	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,545	67,119	79,026	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	30,985	52,890	62,632	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-2091	Avionics Technicians	47,884	71,260	78,555	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	30,787	42,317	50,042	No	No	No	High school diploma or equivalent	No	No	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	43,435	60,970	68,946	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	32,761	53,736	67,390	No	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	41,341	79,148	102,386	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	39,298	52,061	63,388	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-2097	Audiovisual Equipment Installers and Repairers	39,216	53,920	64,030	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-2098	Security and Fire Alarm Systems Installers	31,970	46,717	60,587	No	No	No	Postsecondary nondegree award	No	No	Yes
49-3011	Aircraft Mechanics and Service Technicians	40,618	66,988	79,346	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-3021	Automotive Body and Related Repairers	31,121	55,636	62,640	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3022	Automotive Glass Installers and Repairers	34,306	45,949	46,920	No	No	No	High school diploma or equivalent	Yes	No	No
49-3023	Automotive Service Technicians and Mechanics	28,217	48,253	60,477	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	38,609	56,605	64,359	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	28,940	47,578	48,486	No	No	No	High school diploma or equivalent	No	No	No
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,802	55,589	60,773	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	40,585	58,271	64,795	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	35,852	54,796	63,419	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3052	Motorcycle Mechanics	32,305	49,851	63,950	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	31,561	44,943	51,373	No	No	No	High school diploma or equivalent	Yes	No	No
49-3091	Bicycle Repairers	25,424	39,631	47,336	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	33,140	52,690	66,442	No	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-3093	Tire Repairers and Changers	23,232	34,438	39,015	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	30,035	46,851	54,884	No	No	No	High school diploma or equivalent	No	No	No
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	38,123	55,966	61,863	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	31,076	48,090	58,745	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-9031	Home Appliance Repairers	29,801	44,179	54,713	No	No	No	Postsecondary nondegree award	No	No	Yes
49-9041	Industrial Machinery Mechanics	30,601	54,055	62,821	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-9043	Maintenance Workers, Machinery	32,691	49,672	60,029	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9044	Millwrights	44,248	60,634	71,579	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons	28,350	37,572	41,311	No	No	No	High school diploma or equivalent	No	No	No
49-9051	Electrical Power-Line Installers and Repairers	39,263	74,321	96,192	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	36,345	54,457	63,151	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	43,619	57,968	64,665	Yes	Yes	No	Associate's degree	Yes	No	No
49-9062	Medical Equipment Repairers	34,682	57,619	69,612	Yes	No	Yes	Associate's degree	No	No	Yes
49-9063	Musical Instrument Repairers and Tuners	30,918	45,516	55,844	No	No	No	High school diploma or equivalent	Yes	No	No
49-9064	Watch and Clock Repairers	24,775	27,994	28,754	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	43,966	62,541	71,568	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	29,119	41,774	47,315	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians	52,343	73,822	85,581	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	24,385	38,886	47,011	No	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	42,861	57,729	61,836	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9094	Locksmiths and Safe Repairers	33,595	47,932	59,777	No	No	No	High school diploma or equivalent	Yes	No	Yes
49-9095	Manufactured Building and Mobile Home Installers	23,690	33,497	42,384	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	36,077	56,082	65,120	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	51,227	68,642	77,507	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers-Installation, Maintenance, and Repair Workers	29,120	35,237	38,137	No	No	No	High school diploma or equivalent	Yes	No	No
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,513	44,253	49,163	No	No	No	High school diploma or equivalent	No	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	39,042	67,612	82,185	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	35,838	51,010	60,525	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-2021	Coil Winders, Tapers, and Finishers	36,023	49,330	52,560	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	29,248	42,800	49,111	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	36,489	47,109	52,300	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	29,377	41,899	48,786	No	No	No	High school diploma or equivalent	No	No	No
51-2051	Fiberglass Laminators and Fabricators	30,591	42,444	48,752	No	No	No	High school diploma or equivalent	No	No	No
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	24,050	35,542	38,592	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	26,302	33,682	37,918	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	29,031	40,353	45,071	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	26,129	38,452	42,381	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughterers and Meat Packers	25,075	30,732	32,769	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	26,974	40,151	39,425	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3092	Food Batchmakers	20,800	29,532	30,113	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	27,212	34,700	38,428	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	21,710	30,905	35,360	No	No	No	No formal educational credential	No	No	Yes
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	33,833	43,879	48,648	No	No	No	High school diploma or equivalent	Yes	No	No

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	32,891	43,446	49,623	No	No	No	High school diploma or equivalent	Yes	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	33,248	45,440	49,081	No	No	No	High school diploma or equivalent	Yes	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	30,864	41,734	47,792	No	No	No	High school diploma or equivalent	Yes	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	31,676	67,969	93,694	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26,669	31,253	35,243	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,279	42,200	51,845	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	34,180	45,700	50,046	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	36,447	53,310	62,781	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	42,438	54,110	55,117	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	32,349	50,577	61,338	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4061	Model Makers, Metal and Plastic	35,827	56,429	65,673	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	29,271	54,760	84,616	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	25,229	43,576	59,582	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	29,824	40,086	43,099	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	33,812	41,257	41,734	No	No	No	High school diploma or equivalent	Yes	No	No
51-4111	Tool and Die Makers	39,034	63,190	70,327	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	34,448	50,356	60,156	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	32,240	40,845	44,421	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,960	46,332	58,930	No	No	No	High school diploma or equivalent	No	No	Yes
51-4192	Layout Workers, Metal and Plastic	36,803	51,780	57,057	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	29,930	40,575	46,065	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	29,845	39,935	42,156	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	30,071	35,851	39,128	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	34,429	48,908	53,449	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
51-5112	Printing Press Operators	26,215	38,887	44,877	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	28,080	42,160	55,095	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,212	27,071	30,228	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	24,595	28,610	29,785	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	22,336	31,818	36,574	No	No	No	No formal educational credential	No	No	Yes
51-6041	Shoe and Leather Workers and Repairers	25,532	35,741	40,347	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	29,336	42,384	50,143	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	23,896	32,295	32,923	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	34,193	40,121	39,032	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	25,012	29,954	30,615	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	26,459	33,425	37,374	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	29,910	34,397	37,453	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	25,218	36,402	41,376	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	36,619	63,798	90,739	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	29,271	54,760	84,616	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	27,562	40,995	44,835	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	29,650	37,030	41,300	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,533	41,053	46,798	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	37,107	45,641	52,575	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-7031	Model Makers, Wood	35,827	56,429	65,673	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	28,350	37,572	41,311	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	26,972	36,630	45,252	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	29,845	35,340	35,719	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	52,614	83,012	105,098	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	58,163	96,190	112,402	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	50,329	81,499	99,684	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	56,712	75,491	76,655	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	39,017	56,089	63,951	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	45,342	67,168	72,717	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	46,338	60,493	69,096	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	52,538	68,187	85,917	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	43,776	63,343	70,533	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	32,349	50,577	61,338	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,919	40,123	42,656	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	28,347	49,373	60,474	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9022	Grinding and Polishing Workers, Hand	30,864	38,548	41,918	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	28,136	39,610	46,418	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	23,787	38,645	43,413	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	29,828	40,225	47,703	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	30,040	41,419	48,962	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	33,237	42,568	47,781	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	28,258	49,823	60,716	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-9071	Jewelers and Precious Stone and Metal Workers	27,288	53,069	62,032	No	No	No	High school diploma or equivalent	No	Yes	Yes
51-9081	Dental Laboratory Technicians	31,229	48,178	57,888	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 21

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	30,767	43,684	54,066	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	24,736	35,811	37,393	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	22,504	31,500	37,069	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,274	35,783	43,810	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	34,301	46,623	55,124	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	41,268	51,931	55,074	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	25,370	38,363	41,311	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	25,349	42,418	51,951	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	35,769	60,586	75,491	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	25,218	36,402	41,376	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	28,241	39,079	51,227	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	29,921	49,591	52,820	No	No	No	High school diploma or equivalent	No	Yes	No
51-9194	Etchers and Engravers	31,677	37,778	41,636	No	No	No	High school diploma or equivalent	Yes	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	31,514	41,734	46,383	No	No	No	High school diploma or equivalent	Yes	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	31,623	48,203	56,786	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-9197	Tire Builders	31,471	40,726	44,009	No	No	No	High school diploma or equivalent	Yes	No	No
51-9198	Helpers—Production Workers	25,547	33,271	37,411	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	22,515	35,601	41,682	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	41,029	61,869	67,493	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	36,097	59,432	72,005	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Aircraft Cargo Handling Supervisors	118,049	293,382	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Airline Pilots, Copilots, and Flight Engineers	65,350	139,585	166,917	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Commercial Pilots	89,793	125,673	145,007	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Air Traffic Controllers	29,901	56,955	73,763	No	No	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Field Operations Specialists	38,157	75,079	85,732	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Airfield Operations Specialists	27,906	33,227	35,275	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Flight Attendants	21,797	32,633	41,639	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	35,163	50,905	56,258	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Driver/Sales Workers	28,107	43,676	46,619	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Heavy and Tractor-Trailer Truck Drivers	27,560	34,179	34,581	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Light Truck Drivers	29,715	41,197	57,869	No	No	No	High school diploma or equivalent	No	No	Yes
53-3053	Bus Drivers, School	24,069	32,784	33,960	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Bus Drivers, Transit and Intercity	22,617	34,343	34,614	No	No	No	High school diploma or equivalent	No	No	No
53-3099	Shuttle Drivers and Chauffeurs	22,428	32,323	34,387	No	No	No	No formal educational credential	No	No	No
53-4011	Taxi Drivers	61,327	74,494	80,476	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Motor Vehicle Operators, All Other	34,895	58,499	56,353	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4022	Locomotive Engineers	42,406	64,123	67,071	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Rail Yard Engineers, Dinkey Operators, and Hostlers	68,675	77,518	80,530	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	31,666	45,256	56,841	No	No	No	High school diploma or equivalent	Yes	No	Yes
53-4099	Railroad Conductors and Yardmasters	44,714	45,462	44,725	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Subway and Streetcar Operators	31,558	49,352	54,446	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-5021	Rail Transportation Workers, All Other	44,635	103,699	126,584	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-5022	Sailors and Marine Oilers	30,875	49,233	57,697	No	No	No	Postsecondary nondegree award	No	Yes	Yes
53-5031	Captains, Mates, and Pilots of Water Vessels	44,809	72,772	72,222	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Motorboat Operators	26,096	34,722	39,425	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Ship Engineers	20,948	26,590	28,733	No	No	No	No formal educational credential	No	No	No
53-6031	Bridge and Lock Tenders	24,549	32,911	36,318	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Automotive and Watercraft Service Attendants	31,046	36,224	37,271	No	No	No	High school diploma or equivalent	Yes	No	No
53-6041	Aircraft Service Attendants	30,952	47,206	58,966	No	No	No	Associate's degree	No	No	No
53-6051	Traffic Technicians	35,545	67,208	97,411	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Transportation Inspectors	23,061	35,318	41,279	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Passenger Attendants	20,977	29,868	30,919	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Transportation Workers, All Other	32,013	37,529	38,808	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Conveyor Operators and Tenders	36,776	63,101	77,589	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Crane and Tower Operators	38,699	51,292	53,416	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Dredge Operators	34,960	54,782	56,136	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Hoist and Winch Operators	30,222	40,099	44,630	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Industrial Truck and Tractor Operators	22,565	30,725	33,440	No	No	No	No formal educational credential	No	No	No
53-7062	Cleaners of Vehicles and Equipment	24,911	33,381	37,133	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Laborers and Freight, Stock, and Material Movers, Hand	31,471	40,726	44,009	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Machine Feeders and Offbearers	22,003	27,014	27,162	No	No	No	No formal educational credential	No	No	No
53-7065	Packers and Packagers, Hand	27,606	34,370	38,110	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Stockers and Order Fillers	33,270	39,685	36,868	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Gas Compressor and Gas Pumping Station Operators	35,567	50,024	56,158	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-7073	Pump Operators, Except Wellhead Pumps	33,270	39,685	36,868	No	No	No	High school diploma or equivalent	Yes	No	No
53-7081	Wellhead Pumps	31,851	44,875	50,800	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Refuse and Recyclable Material Collectors	41,220	58,160	81,268	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
53-7199	Tank Car, Truck, and Ship Loaders	25,626	31,974	37,106	No	No	No	No formal educational credential	Yes	No	Yes
53-7199	Material Moving Workers, All Other										

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 21

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	34,362	57,905	66,336	829
No formal educational credential	24,112	32,511	35,238	85
High school diploma or equivalent	30,791	48,484	56,132	236
Some college, no degree	28,650	43,644	49,194	49
Postsecondary nondegree award	32,700	47,917	54,554	90
Associate's degree	40,080	58,615	67,690	68
Bachelor's degree	47,910	93,518	109,219	185
Master's degree	52,915	83,277	96,745	43
Doctoral or professional degree	58,024	144,095	159,022	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	452	377	471	358	460	369
No formal educational credential	36.47%	63.53%	32.94%	67.06%	29.41%	70.59%
High school diploma or equivalent	60.59%	39.41%	75.00%	25.00%	74.58%	25.42%
Some college, no degree	26.53%	73.47%	30.61%	69.39%	30.61%	69.39%
Postsecondary nondegree award	44.44%	55.56%	28.89%	71.11%	27.78%	72.22%
Associate's degree	57.35%	42.65%	38.24%	61.76%	39.71%	60.29%
Bachelor's degree	58.38%	41.62%	67.03%	32.97%	65.41%	34.59%
Master's degree	67.44%	32.56%	58.14%	41.86%	53.49%	46.51%
Doctoral or professional degree	67.12%	32.88%	68.49%	31.51%	65.75%	34.25%

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	57,558	231,657	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	41,837	116,379	143,999	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	24,686	72,519	104,304	No	Yes	Yes	Bachelor's degree	No	No	No
11-2011	Advertising and Promotions Managers	67,252	118,996	136,066	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	69,998	156,068	195,579	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	61,575	140,738	172,335	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	63,757	118,855	136,138	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	62,702	122,731	160,637	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	48,776	108,959	134,228	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3013	Facilities Managers	53,117	100,766	125,419	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	100,654	163,732	181,973	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	78,339	164,872	200,016	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	37,535	112,409	140,354	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3061	Purchasing Managers	77,105	135,409	163,918	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	52,084	109,041	133,767	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	77,367	120,368	157,381	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	74,994	132,970	162,274	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	65,800	121,932	142,881	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	26,193	96,255	134,478	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9021	Construction Managers	64,560	123,406	133,420	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	31,474	58,474	60,585	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	61,576	94,625	104,899	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	51,328	116,594	132,703	Yes	Yes	Yes	Master's degree	No	Yes	Yes
11-9039	Education Administrators, All Other	32,240	65,761	78,562	No	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	101,179	164,100	191,533	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	42,224	80,712	95,296	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	61,882	107,215	119,241	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	40,071	74,782	96,502	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	49,659	100,818	126,104	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9111	Medical and Health Services Managers	63,642	120,318	130,686	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	46,130	111,577	141,653	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9131	Postmasters and Mail Superintendents	82,405	99,842	109,238	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	31,554	70,870	79,820	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	44,799	79,162	97,061	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	51,341	104,333	135,273	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	50,739	87,683	88,843	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	49,205	83,589	99,012	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	65,354	132,691	166,125	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	32,500	104,253	169,850	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	38,003	67,635	81,587	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	40,317	67,512	80,327	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	53,600	74,548	85,223	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	37,427	72,781	98,075	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	37,316	70,714	85,231	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	40,090	78,281	82,182	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors										
13-1075	Labor Relations Specialists	36,398	76,933	99,175	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	40,662	62,339	74,437	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	52,117	99,427	121,085	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	37,435	95,323	118,540	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
13-1121	Meeting, Convention, and Event Planners	30,243	56,080	69,912	No	No	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	38,590	63,206	80,643	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	44,734	68,661	77,624	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	36,363	65,594	81,574	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	40,675	98,816	101,435	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
13-1199	Business Operations Specialists, All Other	37,620	68,958	81,983	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	46,643	82,670	98,204	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	43,570	65,193	79,532	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	51,454	78,901	96,872	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	48,305	77,554	89,358	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2051	Financial and Investment Analysts	52,371	91,669	102,023	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2052	Personal Financial Advisors	47,503	139,380	169,021	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	46,656	72,184	82,589	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	49,811	114,889	133,176	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	47,507	88,176	103,779	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	32,533	54,055	60,962	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	29,136	70,931	87,511	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	31,845	69,616	107,099	No	Yes	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	23,495	48,229	78,240	No	No	Yes	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	35,443	64,549	75,620	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	53,797	100,091	126,991	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	62,427	114,720	135,726	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	83,062	126,601	186,671	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	46,062	76,522	92,509	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	33,440	57,491	66,604	No	No	No	Postsecondary nondegree award	No	Yes	Yes
15-1241	Computer Network Architects	66,994	117,123	141,102	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	57,543	106,715	130,729	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	81,520	138,794	174,257	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	55,342	94,925	109,938	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1251	Computer Programmers	53,012	94,198	111,019	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1252	Software Developers	52,410	116,871	138,545	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	50,997	93,485	119,267	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
15-1254	Web Developers	54,322	70,161	73,907	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	46,371	87,972	98,384	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	25,886	81,679	107,958	No	Yes	Yes	Bachelor's degree	No	No	No
15-2011	Actuaries	70,985	124,512	154,145	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	43,348	103,007	141,652	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	43,897	84,486	105,278	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	50,138	89,481	100,526	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2051	Data Scientists	59,660	109,418	127,807	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	44,129	90,837	110,029	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	20,800	74,236	102,045	No	Yes	Yes	Bachelor's degree	No	No	No
17-1012	Landscape Architects	45,554	69,419	78,483	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	64,353	85,311	97,241	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	36,471	67,562	84,329	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	78,728	99,656	110,389	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	63,231	105,842	124,891	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	62,499	106,834	133,155	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	47,840	96,006	122,821	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2061	Computer Hardware Engineers	79,504	125,416	161,188	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	54,641	100,136	129,285	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	78,675	108,714	132,609	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	33,254	79,313	106,133	No	Yes	Yes	Bachelor's degree	No	No	No
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	56,479	91,180	105,622	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2112	Industrial Engineers	63,053	102,545	129,656	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	51,532	62,412	64,843	Yes	Yes	No	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	66,099	100,755	129,964	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	52,973	94,085	107,855	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	50,327	104,827	117,908	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2161	Nuclear Engineers	87,889	126,675	137,295	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	72,825	142,280	170,695	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	48,755	86,308	97,336	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-3011	Architectural and Civil Drafters	41,091	58,072	64,768	Yes	No	No	Associate's degree	Yes	No	No
17-3012	Electrical and Electronics Drafters	47,795	67,101	77,897	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	35,360	50,255	53,059	Yes	No	No	Associate's degree	No	No	No
17-3019	Drafters, All Other	35,867	56,368	63,733	Yes	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	39,522	60,572	67,381	Yes	Yes	No	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	36,456	56,963	64,576	Yes	No	No	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	38,988	61,699	69,800	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	35,096	65,670	80,396	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	35,867	49,381	59,424	Yes	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	38,765	58,807	74,768	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	32,669	59,073	69,365	No	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	42,373	68,826	87,369	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	36,026	56,963	68,317	Yes	No	Yes	Associate's degree	No	No	Yes
17-3031	Surveying and Mapping Technicians	31,088	46,549	50,518	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	40,444	88,474	131,909	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-1012	Food Scientists and Technologists	48,593	95,617	119,995	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1013	Soil and Plant Scientists	60,355	89,040	105,886	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1021	Biochemists and Biophysicists	40,105	76,320	82,348	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	39,045	61,967	75,333	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	36,046	59,901	79,934	Yes	Yes	Yes	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	52,000	59,399	57,678	Yes	Yes	No	Bachelor's degree	Yes	No	No
19-1031	Conservation Scientists	41,861	57,614	61,850	Yes	No	No	Bachelor's degree	No	No	No
19-1032	Foresters	40,509	65,467	77,095	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	40,955	74,137	103,469	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1042	Medical Scientists, Except Epidemiologists	58,367	106,106	131,992	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1099	Life Scientists, All Other	61,132	93,882	100,330	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	84,421	172,678	242,231	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	84,421	172,678	242,231	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	67,840	90,977	98,011	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2031	Chemists	38,543	71,922	82,222	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	74,635	125,873	147,255	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	39,000	77,617	101,129	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	44,411	96,159	105,715	Yes	Yes	Yes	Bachelor's degree	No	Yes	No
19-2043	Hydrologists	53,746	76,974	91,686	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2099	Physical Scientists, All Other	48,508	114,489	205,651	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	64,850	110,793	125,159	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	41,922	81,077	98,845	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3032	Industrial-Organizational Psychologists	80,661	138,812	167,975	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	37,367	89,307	120,640	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	49,515	80,509	88,604	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	49,796	85,986	116,055	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	31,807	63,614	55,107	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	57,874	81,725	97,942	Yes	Yes	Yes	Master's degree	Yes	No	Yes

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	43,413	68,350	80,856	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	61,132	93,882	100,330	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3093	Historians	39,014	77,930	106,074	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists	41,679	104,090	141,316	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	51,478	84,936	98,634	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	32,565	43,316	50,284	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	31,285	60,227	77,617	No	Yes	Yes	Associate's degree	No	Yes	Yes
19-4021	Biological Technicians	29,161	41,019	46,073	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	30,370	46,556	49,988	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	28,203	45,250	51,579	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	34,310	44,118	48,203	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	42,890	59,596	71,906	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4051	Nuclear Technicians	42,373	68,826	87,369	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4061	Social Science Research Assistants	32,184	56,212	62,731	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	36,868	51,129	60,839	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	47,383	68,717	80,065	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	22,338	45,444	59,624	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	41,434	71,261	85,866	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	53,751	61,009	61,125	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	36,628	56,089	61,980	Yes	No	No	Master's degree	No	Yes	Yes
21-1013	Marriage and Family Therapists	36,963	46,698	48,609	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	30,005	50,608	50,805	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	31,017	52,768	63,057	No	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	31,180	43,848	45,749	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	36,941	48,902	57,781	Yes	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	36,856	59,266	69,293	Yes	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	33,464	49,587	60,347	No	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	35,027	57,289	56,659	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	36,316	68,240	101,073	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	34,840	50,544	61,146	Yes	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	28,957	45,186	51,625	No	No	No	Some college, no degree	No	Yes	Yes
21-1094	Community Health Workers	35,525	51,955	63,359	Yes	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	31,973	74,656	84,450	No	Yes	Yes	Bachelor's degree	No	No	No
21-2011	Clergy	27,639	56,434	65,608	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	31,356	51,367	63,667	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	31,753	52,495	66,139	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	57,558	142,431	164,852	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
23-1012	Judicial Law Clerks	30,555	49,559	48,256	No	No	No	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	46,209	101,565	126,122	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	33,845	61,797	84,445	No	Yes	Yes	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	46,209	101,565	126,122	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	37,678	59,405	67,084	Yes	Yes	No	Associate's degree	No	Yes	Yes
23-2099	Title Examiners, Abstractors, and Searchers	36,597	58,541	70,370	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	29,767	61,191	66,851	No	Yes	No	Associate's degree	No	Yes	No
25-1011	Business Teachers, Postsecondary	40,562	85,751	137,117	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	47,015	94,110	101,484	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	50,295	73,478	75,108	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	42,059	111,600	139,929	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	50,999	97,892	134,673	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	48,702	67,569	82,156	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	60,630	77,317	80,761	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	48,702	67,569	82,156	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	50,739	69,726	67,558	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	54,656	110,480	142,718	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	48,268	78,461	97,816	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	51,996	69,888	69,065	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	50,739	92,451	108,620	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	52,701	72,663	83,424	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	50,989	64,567	59,279	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	50,739	69,726	67,558	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	49,034	52,386	58,009	Yes	No	No	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	51,279	94,500	99,041	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	51,931	109,357	130,609	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	49,779	61,977	59,289	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	50,021	104,252	128,107	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
25-1072	Nursing Instructors and Teachers, Postsecondary	45,414	71,404	77,858	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	50,324	80,898	98,373	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	52,538	80,476	88,680	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	39,924	45,719	49,672	Yes	No	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	65,001	131,917	174,635	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
25-1113	Social Work Teachers, Postsecondary	66,431	76,196	83,727	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
25-1121	Art, Drama, and Music Teachers, Postsecondary	46,252	86,402	98,959	Yes	Yes	Yes	Master's degree	No	Yes	Yes
25-1122	Communications Teachers, Postsecondary	49,829	86,849	107,732	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
25-1123	English Language and Literature Teachers, Postsecondary	48,776	62,704	72,800	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	44,551	73,660	85,526	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	45,581	60,352	53,113	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	39,739	64,106	81,819	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	41,116	80,986	92,971	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	47,737	81,452	85,917	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	37,999	61,566	78,373	Yes	Yes	Yes	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	25,078	51,625	64,173	No	No	No	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	21,439	31,046	34,325	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	47,629	63,928	72,197	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	46,996	60,193	78,842	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	48,007	57,596	61,381	Yes	No	No	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	51,660	71,395	80,910	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	47,798	62,794	78,513	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2032	Career/Technical Education Teachers, Secondary School	51,205	67,894	73,595	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	41,018	65,315	83,294	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	47,651	62,617	70,506	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	51,021	69,043	85,158	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	49,913	68,009	77,749	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	29,234	45,755	57,872	No	No	No	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	40,509	62,335	80,270	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	23,257	42,993	54,552	No	No	No	Some college, no degree	No	No	Yes
25-3031	Substitute Teachers, Short-Term	27,413	41,017	37,141	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	22,893	39,718	49,382	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	23,908	47,127	56,686	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	31,829	50,967	60,861	No	No	No	Master's degree	No	No	No
25-4012	Curators	41,199	52,013	54,027	Yes	No	No	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	31,296	44,305	50,073	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	48,945	66,214	78,090	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	37,652	45,824	47,156	Yes	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	31,915	51,346	63,137	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	36,764	61,710	79,332	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	22,037	33,109	38,049	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,932	29,264	29,793	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	20,800	47,940	65,161	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	50,295	86,386	98,357	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	23,040	37,204	42,904	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	27,490	46,881	44,393	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	47,517	69,709	77,157	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	27,029	38,370	46,426	No	No	No	Some college, no degree	No	No	No
27-1021	Commercial and Industrial Designers	41,600	63,395	74,719	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	44,331	69,870	79,477	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	28,289	35,143	36,316	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	35,267	60,102	68,361	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	35,261	64,745	78,466	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	28,002	35,852	39,825	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	39,545	49,992	51,758	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	26,002	55,666	68,047	No	No	Yes	Bachelor's degree	No	No	No
27-2011	Actors	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	38,660	83,454	106,495	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	27,515	70,203	69,813	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-2022	Coaches and Scouts	26,626	71,100	58,367	No	Yes	No	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	22,996	50,197	50,458	No	No	No	Some college, no degree	No	Yes	Yes
27-2031	Dancers	32,641	37,225	34,776	No	No	No	High school diploma or equivalent	Yes	No	No
27-2032	Choreographers	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	31,748	78,415	107,604	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	24,058	65,781	65,142	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	24,058	65,781	65,142	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	28,213	79,880	102,625	No	Yes	Yes	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	39,284	78,504	93,665	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	31,724	66,442	77,210	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	38,527	64,739	77,405	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	47,273	76,181	89,538	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	37,150	64,671	76,328	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	31,200	54,414	72,906	No	No	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	28,285	53,489	63,888	No	No	No	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	21,706	46,786	54,969	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	25,707	47,556	58,134	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	29,542	69,487	91,812	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	26,359	66,630	85,128	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4015	Lighting Technicians	32,500	53,405	65,727	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	28,507	49,398	61,243	No	No	No	Some college, no degree	No	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	34,124	53,501	54,291	No	No	No	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	33,996	54,673	65,000	No	No	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	31,394	78,113	91,686	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	43,435	84,254	83,852	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	55,308	165,979	213,386	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	56,927	246,338	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	76,304	185,239	230,722	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	56,927	246,338	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	56,927	246,338	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*



Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	48,385	66,201	77,965	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	35,984	79,467	83,054	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1051	Pharmacists	71,792	127,136	139,324	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1071	Physician Assistants	50,818	118,781	137,769	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	30,972	69,388	80,157	No	Yes	Yes	Doctoral or professional degree	No	No	No
29-1122	Occupational Therapists	73,724	92,159	98,954	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1123	Physical Therapists	39,190	89,216	102,471	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	68,361	85,519	90,806	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	37,398	56,277	61,474	Yes	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	49,330	69,334	77,555	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	61,404	87,672	98,471	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	39,623	50,804	51,205	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	32,340	66,597	101,136	No	Yes	Yes	Bachelor's degree	No	No	No
29-1131	Veterinarians	55,349	126,883	156,859	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	62,044	83,329	96,100	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	144,997	174,018	206,956	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	67,995	90,915	112,218	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	61,201	102,319	123,473	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	66,459	81,199	98,020	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	174,991	302,529	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	88,425	433,495	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	102,008	136,527	102,009	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1214	Emergency Medicine Physicians	177,234	376,966	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	79,956	221,248	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	55,711	220,756	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	112,298	346,494	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	130,536	288,761	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1221	Pediatricians, General	62,211	163,453	238,229	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	66,315	134,893	213,463	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
29-1223	Psychiatrists	56,704	242,647	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	59,242	261,329	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	106,104	223,983	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	110,549	237,961	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	64,815	270,519	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	70,441	347,253	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1249	Surgeons, All Other	55,711	212,229	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	31,428	54,792	59,160	No	No	No	Master's degree	No	No	No
29-1292	Dental Hygienists	58,073	74,412	81,185	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	77,430	165,148	208,000	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	31,619	58,157	76,626	No	No	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	32,609	54,094	77,245	No	No	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	62,183	76,317	83,536	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	63,549	79,350	84,418	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	46,025	63,207	75,621	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	56,457	73,737	80,746	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	101,758	123,598	133,188	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	28,896	39,591	44,909	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	38,546	57,168	63,023	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	28,611	33,979	34,431	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,127	39,823	46,067	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	28,524	39,023	46,144	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	35,803	52,546	60,500	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	30,349	40,956	48,016	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	26,408	42,243	49,075	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	39,830	55,355	61,450	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	31,369	49,827	59,409	No	No	No	Postsecondary nondegree award	No	No	Yes
29-2081	Opticians, Dispensing	25,140	48,145	58,240	No	No	No	Postsecondary nondegree award	No	No	No
29-2091	Orthotists and Prosthetists	41,038	85,596	101,081	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-2092	Hearing Aid Specialists	35,113	53,859	65,181	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	31,831	43,626	44,848	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	35,375	55,321	64,981	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	49,700	62,771	66,315	Yes	Yes	No	Bachelor's degree	Yes	No	No
29-9092	Genetic Counselors	90,740	98,202	103,213	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-9093	Surgical Assistants	44,153	70,001	85,804	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	28,966	60,152	78,478	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	21,463	27,722	30,261	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	27,105	33,219	36,005	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	28,205	32,369	34,721	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	28,456	38,943	36,276	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	54,642	66,589	75,082	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	31,533	61,653	81,611	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	47,044	66,102	76,689	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	22,112	29,324	31,749	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	33,468	52,114	57,388	No	No	No	Postsecondary nondegree award	No	Yes	No
31-9091	Dental Assistants	31,816	40,902	45,774	No	No	No	Postsecondary nondegree award	No	No	No
31-9092	Medical Assistants	30,932	39,081	43,196	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	24,676	36,375	39,157	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	28,930	38,442	46,653	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	23,913	32,657	38,544	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	28,479	34,839	37,528	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	31,704	39,279	41,600	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	28,372	39,878	44,134	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	33,301	63,160	80,104	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	77,626	113,119	130,857	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	79,840	99,012	107,212	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	30,551	50,841	59,413	No	Yes	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	44,404	63,153	67,392	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	47,903	66,713	76,957	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	59,345	80,040	91,461	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	60,319	99,192	111,980	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	31,623	60,005	70,669	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3012	Correctional Officers and Jailers	38,210	55,057	59,958	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
33-3021	Detectives and Criminal Investigators	48,214	101,627	146,619	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	27,040	34,006	39,416	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	37,350	41,983	42,390	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	53,883	77,453	91,681	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	64,719	80,411	65,998	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	35,539	43,096	44,197	Yes	No	No	Postsecondary nondegree award	Yes	No	No
33-9021	Private Detectives and Investigators	35,360	66,612	86,947	Yes	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	30,745	38,613	41,853	No	No	No	High school diploma or equivalent	Yes	No	No
33-9032	Security Guards	23,309	32,123	35,944	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	29,189	32,317	34,904	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	21,917	34,972	38,816	No	No	No	No formal educational credential	No	Yes	Yes
33-9093	Transportation Security Screeners	37,586	45,297	48,110	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	24,741	29,542	30,853	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	28,256	45,073	53,938	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	29,954	58,117	75,344	No	No	Yes	Associate's degree	No	No	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,296	43,006	49,603	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	21,991	27,562	29,667	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	26,963	32,034	36,010	No	No	No	No formal educational credential	Yes	No	Yes
35-2013	Cooks, Private Household	35,058	63,787	78,601	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	29,219	35,003	37,642	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	22,325	28,370	34,055	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	27,497	34,550	35,323	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	24,554	31,557	35,263	No	No	No	No formal educational credential	Yes	No	No
35-3011	Bartenders	21,434	32,590	36,443	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,664	26,780	28,686	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,431	33,401	35,638	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	23,391	29,147	33,153	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	22,048	28,214	29,799	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,349	27,082	29,274	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,435	29,870	32,759	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	23,860	29,902	33,773	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	30,862	47,214	57,507	No	No	No	High school diploma or equivalent	Yes	No	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	36,824	52,736	60,988	Yes	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,647	28,934	32,184	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,701	29,458	31,009	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	26,486	32,966	35,979	No	No	No	No formal educational credential	Yes	Yes	Yes
37-2021	Pest Control Workers	35,203	44,069	46,958	Yes	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	28,541	34,142	36,369	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	24,248	38,963	46,804	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	27,261	41,023	48,658	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	36,671	37,553	38,549	Yes	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	39,728	59,430	70,848	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	32,179	55,357	66,297	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	29,856	50,327	59,482	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	29,383	39,144	37,544	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,474	32,641	35,802	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	23,356	35,449	46,328	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	22,627	30,062	35,938	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	21,780	32,822	36,624	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	34,484	41,679	46,600	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,991	26,877	28,718	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,592	29,440	32,209	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	28,025	45,017	52,387	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	22,621	26,640	28,733	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	25,240	31,417	31,471	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	35,405	50,598	56,689	Yes	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	33,682	42,926	51,303	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	25,630	33,042	36,597	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	37,583	60,157	70,019	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
39-5011	Barbers	21,844	34,445	35,418	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	20,851	31,108	33,280	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	40,823	47,434	42,070	Yes	No	No	Postsecondary nondegree award	Yes	No	No
39-5092	Manicurists and Pedicurists	22,432	33,842	34,279	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	22,541	26,594	28,697	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	21,254	38,190	41,901	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	22,736	28,908	31,336	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	27,077	35,843	38,239	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	26,396	37,485	43,510	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	23,641	29,711	30,434	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	46,678	60,320	No	No	No	Postsecondary nondegree award	No	No	Yes
39-9032	Recreation Workers	23,102	33,301	36,071	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	26,033	37,636	42,315	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	29,996	35,231	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	30,383	52,500	60,703	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	44,230	94,546	105,753	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,356	27,210	28,546	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	23,007	36,066	37,366	No	No	No	No formal educational credential	No	Yes	Yes
41-2021	Counter and Rental Clerks	25,620	37,415	40,509	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	23,790	41,408	45,989	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,685	33,800	35,230	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	33,282	66,553	73,068	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	27,405	70,173	76,574	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	40,022	81,673	94,064	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	26,057	48,578	58,811	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	33,009	70,009	84,592	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	40,124	104,839	130,524	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	32,345	74,193	84,228	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	24,373	64,081	97,037	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
41-9012	Models	23,820	35,416	38,082	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	34,800	115,017	137,987	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	28,576	54,438	63,440	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	46,800	107,857	136,256	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	22,521	32,882	33,431	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	23,365	38,450	54,099	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,287	38,566	42,560	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	38,189	65,689	77,268	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	27,040	31,243	34,475	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	28,241	33,931	37,150	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	25,175	53,308	62,519	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	31,841	41,336	48,162	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	29,750	43,148	48,188	No	No	No	High school diploma or equivalent	No	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,337	45,688	51,450	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	24,048	34,733	41,322	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	37,224	49,853	57,024	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	31,841	41,573	47,761	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	33,769	38,124	39,345	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	31,769	63,895	69,248	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	38,218	57,945	62,226	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	36,239	40,477	43,999	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	36,253	45,596	46,831	Yes	No	No	Some college, no degree	Yes	Yes	No
43-4041	Credit Authorizers, Checkers, and Clerks	28,868	36,962	39,171	No	No	No	Some college, no degree	No	No	No
43-4051	Customer Service Representatives	28,821	39,653	44,826	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,934	39,663	50,024	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	21,227	36,772	44,062	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,085	31,610	34,357	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	26,437	39,852	46,540	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	29,804	33,380	34,508	No	No	No	Some college, no degree	Yes	No	No
43-4131	Loan Interviewers and Clerks	31,310	47,188	55,830	No	No	No	High school diploma or equivalent	Yes	No	No
43-4141	New Accounts Clerks	39,295	47,066	50,978	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	28,640	37,686	41,558	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	29,987	43,418	48,476	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	25,663	33,340	36,748	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	29,822	40,106	40,213	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	28,266	40,217	45,661	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	31,406	50,798	62,813	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	30,686	34,486	35,780	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	38,729	57,899	76,479	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5032	Dispatchers, Except Police, Fire, and Ambulance	29,742	43,174	48,590	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	35,219	51,192	60,854	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5051	Postal Service Clerks	39,770	57,740	68,307	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,354	56,524	71,344	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	49,130	63,341	69,618	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	31,250	50,989	60,519	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	26,683	38,323	44,657	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	28,458	39,251	46,750	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	37,465	61,128	76,525	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	30,474	48,263	56,271	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	30,143	39,126	45,515	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	29,080	41,812	48,230	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	26,438	36,231	40,163	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	29,188	37,281	41,321	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	27,862	54,229	65,532	No	No	No	Associate's degree	No	No	No
43-9041	Insurance Claims and Policy Processing Clerks	28,525	44,278	48,575	No	No	No	High school diploma or equivalent	No	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	26,505	34,955	37,836	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	25,081	40,780	48,332	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	21,311	30,337	38,600	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	32,202	36,466	36,509	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	38,428	49,829	55,237	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	28,891	46,833	53,306	No	No	No	Some college, no degree	No	Yes	Yes
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	28,002	51,577	67,755	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	27,122	37,113	41,660	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	29,314	40,368	42,698	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	25,574	31,962	35,360	No	No	No	No formal educational credential	Yes	No	Yes
45-2091	Agricultural Equipment Operators	26,924	42,655	51,486	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	21,595	28,343	29,212	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	29,180	38,296	48,520	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	23,278	38,667	45,429	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	29,011	38,970	46,643	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	35,470	45,798	54,034	Yes	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	42,427	50,403	57,003	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
45-4022	Logging Equipment Operators	30,962	44,519	52,636	No	No	No	High school diploma or equivalent	Yes	No	No
45-4023	Log Graders and Scalers	24,188	28,512	29,661	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other	45,093	48,864	50,588	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	45,314	72,737	82,033	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	22,541	50,772	61,771	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	30,808	45,271	49,469	No	No	No	High school diploma or equivalent	Yes	No	No
47-2022	Stonemasons	31,590	50,371	62,541	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2031	Carpenters	36,243	47,666	50,569	Yes	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	20,800	29,418	32,349	No	No	No	No formal educational credential	No	No	No
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	36,586	49,157	55,443	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	24,286	36,628	40,163	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	35,824	49,188	55,917	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	32,075	44,323	49,236	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	35,127	53,077	57,786	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	22,622	38,601	44,115	No	No	No	No formal educational credential	No	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	30,653	41,658	43,344	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	37,529	52,408	53,980	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	35,474	48,167	54,596	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	30,680	41,360	48,268	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2082	Tapers	30,994	45,483	51,054	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	37,605	51,956	58,931	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
47-2121	Glaziers	29,353	42,428	46,596	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	31,731	47,131	52,365	No	No	No	High school diploma or equivalent	Yes	No	No
47-2132	Insulation Workers, Mechanical	38,148	50,347	53,231	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-2141	Painters, Construction and Maintenance	28,529	39,604	44,053	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	30,471	37,382	46,330	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	36,981	45,441	49,799	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	36,475	51,164	59,851	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	29,163	45,299	51,259	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	38,201	50,859	59,702	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	28,611	44,447	49,740	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	35,809	48,467	55,989	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2221	Structural Iron and Steel Workers	38,418	52,863	61,706	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	32,477	43,321	46,029	No	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	22,541	37,193	41,354	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	29,841	36,455	38,867	No	No	No	No formal educational credential	Yes	No	Yes
47-3013	Helpers—Electricians	30,160	37,862	38,589	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	28,892	34,083	35,687	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	30,491	38,287	41,613	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	32,381	39,284	41,755	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	24,647	39,975	48,765	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	46,800	68,899	80,502	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	50,090	82,718	101,847	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	31,547	43,457	50,425	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	31,200	45,915	51,650	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	28,636	38,062	39,541	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	48,843	59,431	67,472	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	31,861	51,871	62,164	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	30,805	43,205	47,206	No	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	37,074	53,611	66,258	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	44,367	58,510	61,143	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	40,455	58,845	67,667	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	36,823	48,021	50,259	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	37,767	53,546	55,659	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	57,610	76,803	88,517	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	29,759	43,619	48,258	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	38,851	43,988	48,778	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	38,851	43,988	48,778	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	39,989	72,544	96,764	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	37,074	53,611	66,258	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers—Extraction Workers	31,850	38,060	41,755	No	No	No	High school diploma or equivalent	Yes	No	No
47-5099	Extraction Workers, All Other	30,127	48,583	47,488	No	No	No	High school diploma or equivalent	No	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	44,657	70,659	82,046	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	35,211	44,051	48,506	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,545	58,139	77,135	Yes	No	Yes	Associate's degree	No	No	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	32,198	56,641	70,536	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
49-2091	Avionics Technicians	38,960	70,923	80,582	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	30,787	42,047	49,656	No	No	No	High school diploma or equivalent	Yes	No	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	45,760	59,042	59,966	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	39,121	54,067	59,345	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	37,844	67,273	102,025	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	35,990	48,073	52,647	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2097	Audiovisual Equipment Installers and Repairers	39,214	45,578	47,614	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2098	Security and Fire Alarm Systems Installers	31,970	48,040	60,589	No	No	No	Postsecondary nondegree award	No	No	Yes
49-3011	Aircraft Mechanics and Service Technicians	34,806	70,409	83,440	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-3021	Automotive Body and Related Repairers	32,287	54,332	62,640	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3022	Automotive Glass Installers and Repairers	34,306	46,918	49,762	No	No	No	High school diploma or equivalent	Yes	No	No
49-3023	Automotive Service Technicians and Mechanics	28,580	51,299	61,904	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	37,393	56,708	64,635	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	37,114	57,943	68,219	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,187	54,955	60,919	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	40,585	58,271	64,795	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	36,822	55,165	63,073	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-3052	Motorcycle Mechanics	32,305	49,851	63,950	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	31,284	43,260	47,484	No	No	No	High school diploma or equivalent	Yes	No	No
49-3091	Bicycle Repairers	25,424	39,631	47,336	No	No	No	High school diploma or equivalent	No	No	No
49-3092	Recreational Vehicle Service Technicians	33,140	52,690	66,442	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3093	Tire Repairers and Changers	23,110	32,816	35,538	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	33,812	49,894	58,910	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	37,589	58,603	77,516	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	32,085	51,191	59,317	No	No	No	Postsecondary nondegree award	No	Yes	No
49-9031	Home Appliance Repairers	28,343	43,348	49,892	No	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	30,601	55,882	63,577	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-9043	Maintenance Workers, Machinery	29,925	63,363	77,107	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
49-9044	Millwrights	43,022	48,694	57,834	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-9045	Refractory Materials Repairers, Except Brickmasons	28,350	37,572	41,311	No	No	No	High school diploma or equivalent	No	No	No
49-9051	Electrical Power-Line Installers and Repairers	37,776	71,437	85,447	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	39,828	53,022	59,889	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	43,619	57,968	64,665	Yes	No	No	Associate's degree	Yes	No	No
49-9062	Medical Equipment Repairers	35,680	55,265	62,711	Yes	No	No	Associate's degree	No	No	No
49-9063	Musical Instrument Repairers and Tuners	29,422	39,911	38,018	No	No	No	High school diploma or equivalent	No	No	No
49-9064	Watch and Clock Repairers	26,843	31,937	31,157	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	43,966	62,541	71,568	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	28,995	41,596	47,539	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians	52,343	73,822	85,581	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	28,971	41,863	47,916	No	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	40,585	55,467	64,069	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9094	Locksmiths and Safe Repairers	31,368	46,143	59,183	No	No	No	High school diploma or equivalent	Yes	No	Yes
49-9095	Manufactured Building and Mobile Home Installers	23,690	33,497	42,384	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	36,899	54,509	61,678	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	51,227	68,642	77,507	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers—Installation, Maintenance, and Repair Workers	29,120	35,537	38,139	No	No	No	High school diploma or equivalent	No	No	No
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,553	41,815	47,746	No	No	No	High school diploma or equivalent	No	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	38,835	66,640	81,179	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	29,561	47,387	63,458	No	No	No	Postsecondary nondegree award	No	No	Yes
51-2021	Coil Winders, Tapers, and Finishers	36,023	49,330	52,560	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	28,332	37,685	40,783	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	36,489	47,109	52,300	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-2041	Structural Metal Fabricators and Fitters	35,102	46,132	50,624	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-2051	Fiberglass Laminators and Fabricators	29,321	38,806	44,934	No	No	No	High school diploma or equivalent	No	No	No
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	24,536	34,919	38,180	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	25,568	33,140	37,436	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	28,524	39,982	45,185	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	26,124	37,863	42,224	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughterers and Meat Packers	28,848	30,333	31,482	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	26,974	40,151	39,425	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3092	Food Batchmakers	23,993	31,178	31,807	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	27,212	34,700	38,428	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	24,026	31,985	37,430	No	No	No	No formal educational credential	No	No	Yes
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	24,961	38,584	45,752	No	No	No	High school diploma or equivalent	No	No	No

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	32,891	43,446	49,623	No	No	No	High school diploma or equivalent	Yes	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	28,446	36,802	43,346	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	28,300	38,731	45,256	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	32,685	60,991	90,609	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,897	34,154	36,243	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,710	39,591	47,789	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	34,180	45,700	50,046	No	No	No	Postsecondary nondegree award	Yes	No	No
51-4041	Machinists	32,970	49,264	57,911	No	No	No	Postsecondary nondegree award	No	No	No
51-4051	Metal-Refining Furnace Operators and Tenders	34,193	48,689	53,866	No	No	No	High school diploma or equivalent	Yes	No	No
51-4052	Pourers and Casters, Metal	32,349	50,577	61,338	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4061	Model Makers, Metal and Plastic	27,355	48,164	63,189	No	No	No	High school diploma or equivalent	No	No	Yes
51-4062	Patternmakers, Metal and Plastic	29,271	54,760	84,616	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	25,229	43,576	59,582	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	29,505	38,132	41,945	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,434	39,838	46,438	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	38,923	59,787	63,173	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	32,344	47,902	56,062	No	No	No	Postsecondary nondegree award	No	No	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	32,571	37,802	39,739	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	27,049	44,194	51,368	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	36,803	51,780	57,057	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	32,609	43,630	48,626	No	No	No	High school diploma or equivalent	Yes	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	29,845	39,935	42,156	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	29,092	37,027	38,974	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	35,151	51,094	60,331	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-5112	Printing Press Operators	29,086	41,012	47,300	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	28,693	40,506	47,107	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,212	26,495	28,982	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	26,357	29,720	30,300	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	22,212	32,102	37,021	No	No	No	No formal educational credential	Yes	No	Yes
51-6041	Shoe and Leather Workers and Repairers	25,532	35,741	40,347	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	29,336	42,384	50,143	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	24,254	31,259	34,581	No	No	No	No formal educational credential	Yes	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	30,994	38,342	40,303	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	25,012	29,954	30,615	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	30,073	35,957	39,458	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	29,910	34,397	37,453	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	25,218	36,402	41,376	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	36,619	63,798	90,739	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	29,271	54,760	84,616	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	28,572	40,857	44,806	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	28,853	32,616	39,109	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,225	41,436	47,935	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	30,759	48,135	57,551	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-7031	Model Makers, Wood	35,827	56,429	65,673	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	26,850	33,654	36,634	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	28,231	35,093	35,834	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	29,845	35,340	35,719	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	52,614	83,012	105,098	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	61,010	90,732	104,050	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	48,729	68,835	80,665	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	52,278	68,274	73,822	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	41,269	57,261	63,442	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	45,342	67,168	72,717	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	39,265	59,126	70,471	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	50,691	71,831	82,338	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	43,717	62,758	70,354	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	31,200	43,266	45,424	No	No	No	High school diploma or equivalent	Yes	No	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,788	41,385	46,001	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,251	39,958	47,015	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	30,864	38,548	41,918	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	27,523	38,852	43,038	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	23,787	38,645	43,413	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	29,634	38,553	39,597	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	27,821	40,513	43,956	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	33,237	42,568	47,781	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	28,308	51,053	58,158	No	No	No	Postsecondary nondegree award	No	Yes	No
51-9071	Jewelers and Precious Stone and Metal Workers	22,050	48,174	57,240	No	No	No	High school diploma or equivalent	No	No	Yes
51-9081	Dental Laboratory Technicians	31,370	47,736	54,999	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 22

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	29,391	38,310	38,621	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	24,736	32,797	37,023	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	23,270	33,229	36,920	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	27,331	38,927	46,025	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	31,245	43,864	49,528	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	41,268	51,931	55,074	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	25,370	38,363	41,311	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	31,561	46,830	52,913	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	36,480	62,341	74,403	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	25,218	36,402	41,376	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	28,241	39,079	51,227	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	29,921	49,591	52,820	No	No	No	High school diploma or equivalent	No	Yes	No
51-9194	Etchers and Engravers	28,664	34,301	37,119	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	27,610	36,347	38,500	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	31,623	48,203	56,786	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-9197	Tire Builders	31,471	40,726	44,009	No	No	No	High school diploma or equivalent	Yes	No	No
51-9198	Helpers—Production Workers	24,066	32,438	37,411	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	23,075	37,130	41,682	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	37,812	58,859	62,173	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	37,415	59,648	70,998	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	132,415	358,877	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	79,824	163,494	235,262	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	63,664	96,908	110,261	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	29,376	38,598	37,513	No	No	No	Some college, no degree	Yes	No	No
53-2031	Flight Attendants	29,373	71,183	80,441	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	27,906	33,227	35,275	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	21,798	33,235	41,826	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	35,849	50,925	59,484	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
53-3033	Light Truck Drivers	26,893	43,187	47,347	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	27,594	35,772	37,233	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	34,805	46,514	58,825	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
53-3053	Shuttle Drivers and Chauffeurs	25,647	33,576	35,304	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	30,820	31,761	30,820	No	No	No	No formal educational credential	Yes	No	No
53-3099	Motor Vehicle Operators, All Other	23,673	33,829	36,177	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	61,327	74,494	80,476	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	34,895	58,499	56,353	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	42,406	64,123	67,071	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	68,675	77,518	80,530	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	31,666	45,256	56,841	No	No	No	High school diploma or equivalent	Yes	No	Yes
53-4099	Rail Transportation Workers, All Other	44,714	45,462	44,725	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	30,455	45,398	49,356	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	43,125	101,826	126,584	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	28,489	46,858	50,125	No	No	No	Postsecondary nondegree award	No	No	No
53-5031	Ship Engineers	53,604	91,952	107,737	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	24,084	31,180	27,334	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,244	28,031	31,618	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	26,813	32,942	36,699	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	28,890	36,986	38,204	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	30,953	50,401	61,653	No	No	No	Associate's degree	No	No	No
53-6051	Transportation Inspectors	56,887	107,634	130,686	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	23,061	35,318	41,279	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	22,541	33,313	35,296	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	31,656	36,113	36,274	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	36,752	63,891	77,644	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	38,334	52,689	54,122	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	34,960	54,782	56,136	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,222	40,589	47,518	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,810	31,310	33,578	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,674	34,187	36,885	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	20,800	33,753	44,309	No	No	No	No formal educational credential	No	Yes	Yes
53-7064	Packers and Packagers, Hand	23,444	27,578	29,139	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	25,317	33,595	37,520	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	33,270	39,685	36,868	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	37,501	47,894	51,817	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-7073	Wellhead Pumps	33,270	39,685	36,868	No	No	No	High school diploma or equivalent	Yes	No	No
53-7081	Refuse and Recyclable Material Collectors	30,585	42,230	52,259	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	47,492	63,029	61,296	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	29,308	42,584	40,767	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 22

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	34,715	58,789	67,532	827
No formal educational credential	24,032	32,567	35,306	84
High school diploma or equivalent	30,730	48,806	56,159	236
Some college, no degree	28,961	44,411	49,952	49
Postsecondary nondegree award	33,725	50,879	59,334	90
Associate's degree	39,564	58,580	67,034	68
Bachelor's degree	48,880	95,608	112,355	184
Master's degree	51,621	82,487	96,021	43
Doctoral or professional degree	61,951	145,138	160,452	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	473	354	490	337	476	351
No formal educational credential	34.52%	65.48%	33.33%	66.67%	28.57%	71.43%
High school diploma or equivalent	61.44%	38.56%	76.69%	23.31%	76.69%	23.31%
Some college, no degree	30.61%	69.39%	28.57%	71.43%	28.57%	71.43%
Postsecondary nondegree award	47.78%	52.22%	42.22%	57.78%	41.11%	58.89%
Associate's degree	63.24%	36.76%	44.12%	55.88%	39.71%	60.29%
Bachelor's degree	62.50%	37.50%	67.39%	32.61%	67.93%	32.07%
Master's degree	72.09%	27.91%	55.81%	44.19%	48.84%	51.16%
Doctoral or professional degree	71.23%	28.77%	69.86%	30.14%	64.38%	35.62%



## Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	81,165	248,808	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	40,394	116,562	142,570	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	22,680	87,759	124,553	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-2011	Advertising and Promotions Managers	67,882	130,763	172,806	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	64,097	152,948	179,483	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	61,575	142,038	173,193	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	65,147	120,119	134,208	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	70,623	132,361	155,527	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	40,508	109,537	135,470	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3013	Facilities Managers	52,010	104,553	134,222	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	96,593	165,860	193,453	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	80,068	168,460	206,140	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	34,653	101,288	132,318	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3061	Purchasing Managers	71,037	133,245	161,119	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	53,026	114,827	149,140	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	78,499	130,703	157,486	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	75,514	132,315	162,312	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	66,330	122,524	140,355	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	24,804	92,157	132,139	No	Yes	Yes	Bachelor's degree	No	No	Yes
11-9021	Construction Managers	64,560	125,152	143,676	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	31,474	56,732	56,655	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	59,344	99,013	105,761	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	62,711	101,859	104,644	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9039	Education Administrators, All Other	32,240	56,364	59,184	No	No	No	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	80,726	135,593	163,200	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	45,069	85,180	99,375	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	57,456	109,870	111,294	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	47,073	89,140	101,546	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9081	Lodging Managers	48,966	107,220	143,797	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9111	Medical and Health Services Managers	63,605	118,966	133,937	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	50,165	90,458	104,431	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9131	Postmasters and Mail Superintendents	82,405	99,842	109,238	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	31,554	70,331	80,085	No	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	43,478	82,446	92,730	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	51,341	92,984	101,834	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9171	Funeral Home Managers	47,328	85,458	82,586	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
11-9179	Personal Service Managers, All Other	47,885	77,879	97,495	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9199	Managers, All Other	64,176	132,473	161,069	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	31,011	104,954	161,336	No	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1020	Buyers and Purchasing Agents	36,870	67,425	80,470	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	39,811	71,088	82,808	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	49,459	67,954	80,273	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	47,579	80,364	101,214	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	38,149	70,992	84,709	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	40,006	77,422	84,448	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	26,193	96,255	134,478	No	Yes	Yes	No formal educational credential	Yes	Yes	Yes
13-1075	Labor Relations Specialists	48,866	82,328	101,178	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-1081	Logisticians	40,619	59,468	66,623	Yes	No	No	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	51,646	97,190	115,017	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1111	Management Analysts	37,435	100,874	128,564	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	31,220	56,534	71,176	No	No	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	38,409	67,803	90,164	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	45,543	73,371	94,047	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1151	Training and Development Specialists	36,482	70,133	82,396	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	39,963	96,479	100,389	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	37,334	73,854	87,437	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	46,643	84,615	100,549	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	47,986	111,365	147,216	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2031	Budget Analysts	51,396	95,272	109,493	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	52,309	89,033	102,932	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2051	Financial and Investment Analysts	53,033	98,600	105,487	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
13-2052	Personal Financial Advisors	48,734	151,104	198,694	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	48,360	82,600	97,923	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2054	Financial Risk Specialists	57,799	119,431	134,133	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	47,518	92,479	112,460	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	33,813	50,935	57,568	No	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	29,613	75,564	97,010	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	34,466	75,191	100,100	No	Yes	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	23,187	49,434	78,240	No	No	Yes	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	32,736	59,327	72,814	No	No	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	53,301	109,488	132,044	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	62,484	115,007	132,775	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	82,624	149,442	195,104	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	44,114	73,839	85,489	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	32,661	58,790	68,218	No	No	No	Postsecondary nondegree award	No	Yes	Yes
15-1241	Computer Network Architects	64,395	117,643	141,306	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	56,257	114,868	133,915	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1243	Database Architects	80,052	132,666	158,331	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	55,325	94,933	108,591	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1251	Computer Programmers	58,947	146,571	225,951	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	51,392	113,334	134,925	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	50,997	84,496	105,471	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
15-1254	Web Developers	53,175	72,312	74,458	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	49,141	86,912	96,368	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1299	Computer Occupations, All Other	35,281	97,044	126,733	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
15-2011	Actuaries	70,986	125,514	138,695	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	43,348	103,007	141,652	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	40,820	79,283	97,987	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	50,140	81,986	94,597	Yes	Yes	Yes	Master's degree	Yes	No	No
15-2051	Data Scientists	52,031	107,618	127,807	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	44,129	90,837	110,029	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	20,800	76,625	102,115	No	Yes	No	Bachelor's degree	No	No	No
17-1012	Landscape Architects	47,473	72,916	79,447	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	52,478	76,754	83,897	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	35,303	65,829	82,103	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	67,867	98,619	107,873	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2021	Agricultural Engineers	50,772	93,914	120,866	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
17-2031	Bioengineers and Biomedical Engineers	61,349	105,055	132,464	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	73,020	118,265	145,477	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	48,318	101,734	128,865	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2061	Computer Hardware Engineers	69,854	129,582	142,563	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	58,973	98,067	129,210	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	78,674	100,475	109,577	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
17-2081	Environmental Engineers	43,752	90,054	106,134	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60,320	92,165	102,865	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2112	Industrial Engineers	61,864	104,781	127,942	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	51,532	70,981	87,223	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	56,828	95,158	105,169	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2141	Mechanical Engineers	57,192	91,695	106,805	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	50,327	104,827	117,908	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2161	Nuclear Engineers	87,889	126,675	137,295	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	72,825	142,280	170,695	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	47,549	89,062	101,859	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-3011	Architectural and Civil Drafters	40,539	58,561	65,255	Yes	No	No	Associate's degree	Yes	No	No
17-3012	Electrical and Electronics Drafters	47,084	66,190	81,919	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	35,360	51,809	60,435	Yes	No	No	Associate's degree	No	No	No
17-3019	Drafters, All Other	37,140	58,975	66,538	Yes	No	No	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	36,344	58,069	59,049	Yes	No	No	Associate's degree	No	No	No
17-3022	Civil Engineering Technologists and Technicians	36,456	54,776	67,015	Yes	No	No	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	38,521	64,249	78,520	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	49,818	77,138	87,130	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	36,006	55,390	66,444	Yes	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	46,297	66,192	76,156	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	27,879	54,061	64,723	No	No	No	Associate's degree	No	No	No
17-3028	Calibration Technologists and Technicians	39,098	62,421	80,717	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	37,406	60,585	75,234	Yes	No	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,971	50,678	57,759	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	40,444	88,474	131,909	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-1012	Food Scientists and Technologists	23,634	75,829	120,000	No	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	58,302	83,507	99,652	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1021	Biochemists and Biophysicists	62,865	96,478	118,038	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-1022	Microbiologists	39,045	62,044	77,940	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	39,520	73,969	103,051	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1029	Biological Scientists, All Other	43,680	67,003	92,997	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	32,386	76,607	96,886	No	Yes	No	Bachelor's degree	No	No	No
19-1032	Foresters	40,509	65,467	77,095	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	62,174	90,800	101,390	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-1042	Medical Scientists, Except Epidemiologists	58,369	88,480	100,101	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-1099	Life Scientists, All Other	61,132	93,882	100,330	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	84,421	172,678	242,231	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2012	Physicists	68,659	173,919	232,905	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
19-2021	Atmospheric and Space Scientists	62,599	101,078	130,686	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2031	Chemists	48,026	86,321	107,719	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	74,635	125,873	147,255	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	37,565	73,885	89,336	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	53,791	105,358	128,605	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	53,746	68,827	79,934	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2099	Physical Scientists, All Other	48,205	104,040	123,050	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	78,579	126,282	154,440	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	57,328	109,216	138,509	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3032	Industrial-Organizational Psychologists	80,661	138,812	167,975	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-3033	Clinical and Counseling Psychologists	47,765	91,814	135,501	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3034	School Psychologists	63,881	82,997	102,488	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3039	Psychologists, All Other	27,997	99,125	123,989	No	Yes	Yes	Doctoral or professional degree	No	No	No
19-3041	Sociologists	31,807	63,614	55,107	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	50,393	93,296	105,224	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes

Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	39,874	64,466	76,475	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	61,132	93,882	100,330	Yes	Yes	Yes	Master's degree	Yes	Yes	No
19-3093	Historians	39,014	77,930	106,074	Yes	Yes	Yes	Master's degree	No	No	Yes
19-3094	Political Scientists	41,679	104,090	141,316	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	57,283	90,882	110,594	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	32,565	43,316	50,284	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	35,307	57,198	78,797	Yes	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	27,932	44,630	51,360	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	32,220	49,783	56,734	No	No	No	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	28,422	34,660	34,695	No	No	No	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	34,310	44,118	48,203	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	39,133	61,165	73,150	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4051	Nuclear Technicians	42,373	68,826	87,369	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
19-4061	Social Science Research Assistants	31,493	47,836	49,464	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	34,382	50,431	59,821	No	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	50,104	100,640	136,163	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-4099	Life, Physical, and Social Science Technicians, All Other	28,922	53,456	62,637	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	37,565	75,782	96,571	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	40,338	68,549	78,625	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	34,589	58,216	69,058	No	No	No	Master's degree	No	Yes	No
21-1013	Marriage and Family Therapists	39,764	48,810	50,729	Yes	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	26,711	47,156	49,475	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	31,873	51,220	59,279	No	No	No	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	33,706	46,815	47,587	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	31,584	55,345	66,361	No	No	No	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	40,255	59,476	73,336	Yes	No	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	35,270	51,930	60,333	Yes	No	No	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	39,603	58,688	56,659	Yes	No	No	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	37,225	65,553	96,762	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	33,717	53,603	61,422	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	26,399	41,980	48,483	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	31,848	50,036	61,733	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	31,169	72,652	82,706	No	Yes	Yes	Bachelor's degree	No	No	No
21-2011	Clergy	27,639	55,661	65,214	No	No	No	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	31,358	52,341	62,403	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	29,737	50,928	60,334	No	No	No	Bachelor's degree	No	No	No
23-1011	Lawyers	60,008	146,784	168,315	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
23-1012	Judicial Law Clerks	38,667	70,070	87,271	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	46,209	101,565	126,122	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	33,845	62,028	64,070	No	Yes	No	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	46,209	101,565	126,122	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	37,873	59,304	64,628	Yes	No	No	Associate's degree	No	No	No
23-2099	Title Examiners, Abstractors, and Searchers	34,364	58,011	67,732	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	29,767	54,799	56,306	No	No	No	Associate's degree	No	No	No
25-1011	Business Teachers, Postsecondary	47,760	102,302	126,617	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	48,395	87,782	102,605	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	47,353	79,839	99,928	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	38,093	110,973	129,116	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	52,835	100,304	130,637	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	48,702	67,569	82,156	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	61,312	101,725	124,587	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	48,702	67,569	82,156	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	48,482	63,268	75,890	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	41,863	98,158	139,532	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	48,268	78,461	97,816	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	53,858	90,609	101,941	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	50,739	92,451	108,620	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	52,701	72,663	83,424	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	49,635	81,426	89,100	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	50,739	69,726	67,558	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	47,610	91,237	126,441	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	51,845	86,899	97,734	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	45,228	97,587	120,524	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	47,292	64,316	75,769	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	61,676	92,229	101,072	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-1072	Nursing Instructors and Teachers, Postsecondary	47,828	86,364	99,328	Yes	Yes	Yes	Master's degree	No	No	No
25-1081	Education Teachers, Postsecondary	36,335	75,314	97,972	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	49,668	75,520	81,829	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	47,874	58,331	59,932	Yes	No	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	29,420	130,787	207,158	No	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	66,431	76,196	83,727	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	47,503	87,727	98,911	Yes	Yes	Yes	Master's degree	No	Yes	No
25-1122	Communications Teachers, Postsecondary	37,810	90,259	101,406	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	47,767	75,171	81,950	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	46,494	75,852	92,395	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	47,218	69,230	81,539	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	46,634	73,073	79,323	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	41,116	80,986	92,971	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	45,884	70,909	73,477	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	37,042	54,851	64,697	Yes	No	No	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	38,039	68,985	80,103	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	21,437	33,435	35,650	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	37,960	63,473	83,126	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	39,244	66,243	82,626	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	47,454	73,884	84,940	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	51,660	71,395	80,910	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	48,526	71,957	85,263	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2032	Career/Technical Education Teachers, Secondary School	65,134	71,482	65,134	Yes	Yes	No	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	41,372	81,774	107,059	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	39,756	67,522	83,789	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2057	Special Education Teachers, Middle School	31,725	72,009	83,694	No	Yes	Yes	Bachelor's degree	No	No	No
25-2058	Special Education Teachers, Secondary School	64,829	83,234	103,909	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	30,002	36,245	36,462	No	No	No	Bachelor's degree	No	No	No
	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	37,378	54,352	78,110	Yes	No	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	23,944	41,501	50,248	No	No	No	Some college, no degree	No	No	No
25-3031	Substitute Teachers, Short-Term	23,816	46,496	37,237	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	23,325	46,188	55,400	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	26,690	47,117	54,408	No	No	No	Bachelor's degree	No	No	No
25-4011	Archivists	30,300	54,141	60,289	No	No	No	Master's degree	No	No	No
25-4012	Curators	31,852	64,855	74,046	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	30,770	48,206	58,558	No	No	No	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	41,627	84,877	104,579	Yes	Yes	Yes	Master's degree	No	No	Yes
25-4031	Library Technicians	36,906	51,975	60,909	Yes	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	30,902	51,246	59,653	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	36,980	67,422	81,950	Yes	Yes	Yes	Master's degree	No	No	No
25-9044	Teaching Assistants, Postsecondary	21,536	34,509	44,897	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	22,114	32,418	35,588	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	29,767	47,324	61,413	No	No	No	Bachelor's degree	No	No	No
27-1011	Art Directors	49,312	86,360	98,081	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	23,040	37,204	42,904	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	29,791	51,205	51,595	No	No	No	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	45,498	68,965	77,157	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	27,163	76,045	109,907	No	Yes	Yes	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	41,600	60,547	75,719	Yes	No	Yes	Bachelor's degree	No	No	No
27-1022	Fashion Designers	36,126	68,555	79,476	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	24,238	34,232	35,823	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	36,793	61,997	68,498	Yes	Yes	No	Bachelor's degree	No	No	No
27-1025	Interior Designers	36,402	68,296	79,084	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	27,227	35,438	38,973	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	37,614	55,358	60,099	Yes	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	31,558	66,356	81,744	No	Yes	Yes	Bachelor's degree	No	No	No
27-2011	Actors	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	38,821	87,246	106,495	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	37,275	251,552	141,902	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
27-2022	Coaches and Scouts	29,632	75,446	74,231	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	21,218	45,736	51,841	No	No	No	Some college, no degree	No	Yes	Yes
27-2031	Dancers	32,641	37,225	34,776	No	No	No	High school diploma or equivalent	Yes	No	No
27-2032	Choreographers	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	31,748	75,032	96,293	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	32,641	37,225	34,776	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	24,058	65,781	65,142	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	24,058	65,781	65,142	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	23,350	79,604	90,584	No	Yes	Yes	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	42,532	85,613	98,000	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	34,021	67,010	77,210	No	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	40,943	65,596	77,886	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	46,924	76,729	86,187	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	36,797	67,757	81,127	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	33,227	60,475	80,412	No	No	Yes	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	28,285	60,502	84,784	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	21,706	47,062	58,674	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	25,707	48,765	59,510	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	29,379	68,049	84,721	No	Yes	Yes	Associate's degree	No	Yes	Yes
27-4014	Sound Engineering Technicians	23,551	57,529	67,092	No	No	No	Associate's degree	No	No	No
27-4015	Lighting Technicians	29,994	42,419	29,994	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	28,535	56,840	77,659	No	No	Yes	Some college, no degree	Yes	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	31,631	52,481	58,543	No	No	No	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	35,268	61,045	66,500	Yes	Yes	No	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	24,208	70,754	92,997	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	43,954	85,865	83,852	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	55,308	168,116	211,132	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	56,927	246,338	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1023	Orthodontists	76,304	185,239	230,722	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1024	Prosthodontists	56,927	246,338	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1029	Dentists, All Other Specialists	52,536	146,386	198,037	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes

Wages - Workforce Region 23

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Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	47,694	64,975	76,061	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	35,984	96,209	135,585	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1051	Pharmacists	51,667	123,049	137,425	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	43,667	112,403	135,716	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1081	Podiatrists	30,972	86,052	80,157	No	Yes	Yes	Doctoral or professional degree	No	No	No
29-1122	Occupational Therapists	75,362	92,664	101,668	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1123	Physical Therapists	27,997	86,476	104,591	No	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	62,730	85,611	99,091	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	30,499	61,106	79,550	No	Yes	Yes	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	49,616	68,084	74,998	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	63,488	92,366	102,766	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1128	Exercise Physiologists	38,512	52,351	56,791	Yes	No	No	Master's degree	No	No	No
29-1129	Therapists, All Other	39,108	61,928	64,274	Yes	Yes	No	Bachelor's degree	No	No	No
29-1131	Veterinarians	60,194	121,172	144,253	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1141	Registered Nurses	63,070	81,573	84,843	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	144,997	191,400	215,482	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	67,995	86,799	111,560	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	30,855	100,819	127,508	No	Yes	Yes	Master's degree	No	Yes	Yes
29-1181	Audiologists	68,382	101,692	137,271	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
29-1211	Anesthesiologists	174,991	310,063	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	182,907	444,492	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	48,512	127,417	102,009	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1214	Emergency Medicine Physicians	187,759	370,937	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	63,483	223,984	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1216	General Internal Medicine Physicians	48,484	225,890	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1217	Neurologists	48,441	146,547	152,593	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	No
29-1218	Obstetricians and Gynecologists	50,276	250,885	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	126,741	191,580	238,229	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	66,315	227,055	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1223	Psychiatrists	48,052	225,933	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1224	Radiologists	49,192	241,163	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	48,793	211,826	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	48,760	127,745	102,009	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1242	Orthopedic Surgeons, Except Pediatric	48,714	245,974	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1243	Pediatric Surgeons	70,441	347,253	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1249	Surgeons, All Other	48,925	202,470	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	40,513	75,447	67,600	Yes	Yes	No	Master's degree	No	No	No
29-1292	Dental Hygienists	58,073	73,792	80,748	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	73,050	133,946	208,000	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2010	Clinical Laboratory Technologists and Technicians	32,079	57,194	73,896	No	No	Yes	Associate's degree	No	No	Yes
29-2031	Cardiovascular Technologists and Technicians	31,352	55,366	77,719	No	No	Yes	Associate's degree	No	No	Yes
29-2032	Diagnostic Medical Sonographers	62,097	74,511	82,966	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	67,907	82,897	91,442	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	46,236	64,616	75,886	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	57,524	72,402	79,051	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2036	Medical Dosimetrists	103,820	138,770	146,837	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	29,340	35,787	39,135	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	38,975	53,152	57,048	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-2051	Dietetic Technicians	23,957	29,999	30,333	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	30,369	39,767	46,194	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	27,998	38,915	46,472	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	40,055	55,348	62,977	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	29,873	40,671	47,948	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	30,717	44,973	49,379	No	No	No	Postsecondary nondegree award	No	No	No
29-2061	Licensed Practical and Licensed Vocational Nurses	40,180	54,226	59,095	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
29-2072	Medical Records Specialists	31,176	47,087	56,237	No	No	No	Postsecondary nondegree award	No	No	No
29-2081	Opticians, Dispensing	23,343	47,162	58,240	No	No	No	Postsecondary nondegree award	No	No	No
29-2091	Orthotists and Prosthetists	70,533	92,136	107,244	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-2092	Hearing Aid Specialists	28,006	51,445	52,149	No	No	No	Postsecondary nondegree award	No	No	No
29-2099	Health Technologists and Technicians, All Other	31,396	41,757	44,291	No	No	No	Postsecondary nondegree award	No	No	No
29-9021	Health Information Technologists and Medical Registrars	36,956	66,415	82,309	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	43,820	60,339	66,315	Yes	No	No	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	35,661	84,580	103,173	Yes	Yes	Yes	Master's degree	No	No	Yes
29-9093	Surgical Assistants	36,201	68,012	85,804	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	66,545	67,287	66,545	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
31-1120	Home Health and Personal Care Aides	21,463	26,805	29,616	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	27,274	34,011	37,584	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	27,516	31,283	32,030	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	29,087	35,264	37,529	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	53,492	65,768	72,841	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,944	49,079	68,322	No	No	No	Postsecondary nondegree award	No	No	Yes
31-2021	Physical Therapist Assistants	46,271	66,203	75,970	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	22,112	30,173	31,749	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	28,539	50,585	56,536	No	No	No	Postsecondary nondegree award	No	No	No
31-9091	Dental Assistants	35,764	41,152	45,956	Yes	No	No	Postsecondary nondegree award	Yes	No	No
31-9092	Medical Assistants	31,219	39,153	43,421	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	29,892	38,660	43,103	No	No	No	High school diploma or equivalent	No	No	No
31-9094	Medical Transcriptionists	28,332	37,233	45,046	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	23,911	31,379	37,937	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	29,752	35,548	37,528	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	31,085	37,906	40,572	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	28,471	43,560	52,114	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	44,595	68,100	55,016	Yes	Yes	No	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	73,871	132,334	170,880	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	80,288	127,596	171,327	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	30,551	51,220	61,077	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	46,242	67,000	71,600	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	46,816	85,357	110,924	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	99,531	129,795	143,923	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	60,319	99,192	111,980	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	65,215	77,161	90,536	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3012	Correctional Officers and Jailers	41,246	70,501	94,231	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
33-3021	Detectives and Criminal Investigators	51,896	108,177	146,619	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	29,304	31,774	31,959	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	37,270	42,186	42,136	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	57,621	101,323	124,126	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	64,719	80,411	65,998	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	26,085	62,991	75,590	No	Yes	No	Postsecondary nondegree award	No	Yes	Yes
33-9021	Private Detectives and Investigators	34,027	69,777	86,948	No	Yes	Yes	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	29,075	35,675	38,624	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	22,727	35,028	35,663	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	21,848	30,704	32,946	No	No	No	No formal educational credential	No	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	24,418	36,678	45,678	No	No	No	No formal educational credential	Yes	Yes	Yes
33-9093	Transportation Security Screeners	38,605	46,640	50,648	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	24,776	28,637	31,446	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	24,505	45,490	57,757	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	29,954	59,046	75,485	No	No	Yes	Associate's degree	No	No	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	27,922	44,052	54,040	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	22,002	27,619	29,667	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	26,364	33,239	36,298	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	35,058	63,787	78,601	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	28,660	35,042	37,707	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	22,325	28,448	34,154	No	No	No	No formal educational credential	No	No	No
35-2019	Cooks, All Other	28,313	35,000	35,324	No	No	No	No formal educational credential	Yes	Yes	No
35-2021	Food Preparation Workers	23,667	31,452	35,073	No	No	No	No formal educational credential	No	No	No
35-3011	Bartenders	21,407	33,907	37,816	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	21,801	26,980	28,860	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,353	33,684	36,091	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	23,143	29,256	32,883	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,636	28,340	30,649	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,342	27,126	29,355	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,750	30,307	33,228	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	24,573	30,015	31,958	No	No	No	No formal educational credential	Yes	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,768	45,020	52,302	No	No	No	High school diploma or equivalent	No	No	No
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	35,502	54,756	65,295	Yes	No	No	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	22,849	29,462	33,069	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,566	29,387	31,148	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	26,486	32,966	35,979	No	No	No	No formal educational credential	Yes	No	Yes
37-2021	Pest Control Workers	33,206	43,304	47,688	No	No	No	High school diploma or equivalent	Yes	No	Yes
37-3011	Landscaping and Groundskeeping Workers	28,483	35,566	38,382	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	29,723	43,477	49,518	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	25,339	43,654	51,025	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	36,671	41,205	38,549	Yes	No	No	No formal educational credential	Yes	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	30,739	55,373	66,082	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	31,508	55,502	62,272	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	29,856	49,422	56,167	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	28,963	37,291	36,278	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,681	38,705	39,608	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	21,276	37,177	48,967	No	No	No	High school diploma or equivalent	No	No	No
39-3012	Gambling and Sports Book Writers and Runners	22,512	26,535	28,232	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	22,541	35,101	40,813	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	34,484	41,679	46,600	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,792	27,974	28,578	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,867	28,767	30,262	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	28,025	45,017	52,387	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	22,622	30,563	33,272	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	24,828	34,122	34,106	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	32,267	47,591	52,312	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	33,682	42,926	51,303	No	No	No	High school diploma or equivalent	Yes	No	No
39-4021	Funeral Attendants	25,048	30,836	34,346	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	37,583	60,157	70,019	Yes	No	No	Associate's degree	No	Yes	Yes
39-5011	Barbers	23,668	36,608	40,412	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	20,851	30,419	30,706	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	21,125	96,644	107,975	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
39-5092	Manicurists and Pedicurists	22,313	34,383	34,279	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	22,541	26,594	28,697	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	21,285	38,747	43,772	No	No	No	Postsecondary nondegree award	No	No	No
39-6011	Baggage Porters and Bellhops	21,838	30,787	36,603	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	28,842	37,691	41,590	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	25,964	38,106	43,649	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	21,441	30,210	32,277	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	20,800	43,057	50,199	No	No	No	Postsecondary nondegree award	No	No	No
39-9032	Recreation Workers	23,134	36,328	37,486	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	24,960	37,548	43,144	No	No	No	Some college, no degree	No	No	No
39-9099	Personal Care and Service Workers, All Other	20,800	28,687	31,472	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	29,687	53,011	61,150	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	44,041	94,513	108,094	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,082	27,139	28,737	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,800	27,753	31,592	No	No	No	No formal educational credential	No	No	No
41-2021	Counter and Rental Clerks	25,621	37,490	40,121	No	No	No	No formal educational credential	Yes	Yes	Yes
41-2022	Parts Salespersons	23,374	38,803	45,490	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,685	33,873	35,583	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	33,972	67,928	74,469	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	29,173	62,813	60,330	No	Yes	No	Postsecondary nondegree award	No	Yes	No
41-3031	Securities, Commodities, and Financial Services Sales Agents	40,033	91,011	99,247	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	28,306	46,359	55,837	No	No	No	Some college, no degree	Yes	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	31,698	69,854	85,493	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	38,361	108,354	130,550	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	31,200	71,565	81,243	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	21,410	49,467	80,130	No	No	Yes	No formal educational credential	No	Yes	Yes
41-9012	Models	23,820	35,416	38,082	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	34,800	116,468	133,960	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	25,698	54,489	63,440	No	No	No	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	45,164	134,669	165,753	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-9041	Telemarketers	22,561	40,660	49,272	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	23,365	38,450	54,099	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,287	36,966	42,560	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	38,298	66,768	78,000	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	26,376	31,410	34,911	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	28,801	33,084	33,299	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	25,175	53,308	62,519	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	33,276	47,858	48,683	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	31,103	43,883	48,684	No	No	No	High school diploma or equivalent	Yes	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,337	46,119	52,157	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	25,880	30,119	30,025	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	37,099	51,271	57,053	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	30,842	53,357	50,090	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	31,655	38,255	41,282	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	37,855	67,595	81,451	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	37,153	64,513	72,067	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	36,239	40,477	43,999	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	36,694	58,312	73,998	Yes	No	Yes	Some college, no degree	Yes	Yes	Yes
43-4041	Credit Authorizers, Checkers, and Clerks	28,868	37,976	41,618	No	No	No	Some college, no degree	Yes	No	No
43-4051	Customer Service Representatives	28,149	40,247	45,167	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,997	34,721	34,840	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	21,227	41,146	45,894	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	23,902	31,437	34,488	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	28,870	38,644	43,843	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	23,941	32,914	36,085	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	30,975	48,316	59,238	No	No	No	High school diploma or equivalent	Yes	No	Yes
43-4141	New Accounts Clerks	38,629	46,100	48,018	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-4151	Order Clerks	27,596	36,243	40,402	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	29,987	44,860	52,199	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	25,473	33,597	36,931	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	29,444	41,846	49,831	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	30,418	44,054	49,254	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	31,651	49,859	58,895	No	No	No	High school diploma or equivalent	Yes	No	Yes
43-5021	Couriers and Messengers	24,690	33,764	35,755	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	37,491	70,878	83,531	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5032	Dispatchers, Except Police, Fire, and Ambulance	28,562	44,346	50,253	No	No	No	High school diploma or equivalent	No	No	No
43-5041	Meter Readers, Utilities	35,219	58,724	77,802	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5051	Postal Service Clerks	39,770	57,659	68,307	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,354	56,092	71,344	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	38,584	51,132	67,163	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	31,319	51,401	62,780	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	27,402	38,072	44,238	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	25,740	36,877	40,121	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	38,305	67,395	78,531	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	30,474	53,437	63,064	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	29,953	38,583	44,575	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	28,655	44,469	49,308	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	24,883	36,069	39,512	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	28,995	45,866	51,650	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	35,474	60,137	78,196	Yes	No	Yes	Associate's degree	No	Yes	Yes
43-9041	Insurance Claims and Policy Processing Clerks	27,649	45,450	49,547	No	No	No	High school diploma or equivalent	No	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	26,738	36,791	41,187	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	24,822	41,602	48,496	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	24,983	36,728	40,535	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	30,561	37,778	39,566	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	34,424	48,752	61,747	No	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	30,073	42,284	47,727	No	No	No	Some college, no degree	Yes	No	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	28,002	53,887	72,617	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
45-2011	Agricultural Inspectors	28,011	37,573	41,672	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	29,314	40,368	42,698	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	21,406	27,059	29,641	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	28,037	45,747	63,605	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,251	28,539	29,733	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	29,011	38,970	46,643	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	21,443	39,203	45,342	No	No	No	No formal educational credential	No	Yes	Yes
45-3031	Fishing and Hunting Workers	29,011	38,970	46,643	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	35,470	45,798	54,034	Yes	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	42,427	50,403	57,003	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	30,962	44,519	52,636	No	No	No	High school diploma or equivalent	Yes	No	No
45-4023	Log Graders and Scalers	24,188	28,512	29,661	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other										
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	44,743	73,004	81,336	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	22,541	50,772	61,771	No	No	No	High school diploma or equivalent	No	Yes	Yes
47-2021	Brickmasons and Blockmasons	29,038	44,576	49,460	No	No	No	High school diploma or equivalent	No	No	No
47-2022	Stonemasons	31,590	50,371	62,541	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-2031	Carpenters	36,786	48,756	54,769	Yes	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	22,541	36,835	40,379	No	No	No	No formal educational credential	No	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	36,586	49,157	55,443	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	26,323	42,644	53,113	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2044	Tile and Stone Setters	38,489	53,446	57,735	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	33,997	44,984	48,362	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	38,071	56,288	62,617	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	24,136	38,843	43,506	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	30,089	40,813	44,536	No	No	No	High school diploma or equivalent	No	No	No
47-2072	Pile Driver Operators	39,551	61,798	58,190	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	No
47-2073	Operating Engineers and Other Construction Equipment Operators	37,166	99,196	131,917	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-2081	Drywall and Ceiling Tile Installers	29,895	40,602	49,400	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2082	Tapers	30,994	45,483	51,054	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	37,650	53,811	60,451	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
47-2121	Glaziers	24,253	40,810	46,298	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	31,731	47,131	52,365	No	No	No	High school diploma or equivalent	Yes	No	No
47-2132	Insulation Workers, Mechanical	38,148	52,657	60,336	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2141	Painters, Construction and Maintenance	30,323	40,898	44,548	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	32,132	40,076	48,258	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	35,246	44,527	47,505	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	36,350	52,194	60,320	Yes	No	No	Postsecondary nondegree award	Yes	No	No
47-2161	Plasterers and Stucco Masons	26,904	42,488	48,573	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	38,820	52,965	61,584	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	28,551	44,903	49,963	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	35,813	53,935	59,668	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2221	Structural Iron and Steel Workers	37,019	51,124	56,500	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	38,504	47,109	50,728	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,800	35,088	39,293	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	29,842	37,423	40,232	No	No	No	No formal educational credential	Yes	No	Yes
47-3013	Helpers—Electricians	29,899	37,570	38,520	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	28,892	34,083	35,687	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	30,424	38,894	42,397	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	32,381	39,284	41,755	No	No	No	No formal educational credential	Yes	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	26,688	39,561	45,016	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	46,800	71,147	81,425	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	60,060	94,501	109,869	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	30,320	39,854	47,320	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	30,852	42,584	49,084	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	25,188	34,961	39,078	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	48,843	59,431	67,472	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	35,441	53,983	62,459	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-4090	Miscellaneous Construction and Related Workers	35,414	46,108	47,607	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	37,074	53,611	66,258	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	44,367	58,510	61,143	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	40,455	58,845	67,667	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	34,449	47,442	49,598	No	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	40,780	49,447	51,362	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	57,610	76,803	88,517	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	29,759	43,619	48,258	No	No	No	No formal educational credential	Yes	Yes	Yes



Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining	29,759	43,619	48,258	No	No	No	High school diploma or equivalent	No	No	No
47-5044	Loading and Moving Machine Operators, Underground Mining	38,851	43,988	48,778	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5049	Underground Mining Machine Operators, All Other	38,851	43,988	48,778	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5051	Rock Splitters, Quarry	39,989	72,544	96,764	Yes	Yes	Yes	No formal educational credential	Yes	Yes	Yes
47-5071	Roustabouts, Oil and Gas	37,074	53,611	66,258	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5081	Helpers-Extraction Workers	31,850	38,060	41,755	No	No	No	High school diploma or equivalent	Yes	No	No
47-5099	Extraction Workers, All Other	30,127	48,583	47,488	No	No	No	High school diploma or equivalent	No	No	No
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	44,416	71,888	84,000	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
49-2011	Computer, Automated Teller, and Office Machine Repairers	22,766	39,423	46,988	No	No	No	Postsecondary nondegree award	No	No	No
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	36,545	58,597	77,641	Yes	No	Yes	Associate's degree	No	No	Yes
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	25,047	55,470	74,651	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
49-2091	Avionics Technicians	32,280	66,856	78,482	No	Yes	Yes	Associate's degree	No	Yes	Yes
49-2092	Electric Motor, Power Tool, and Related Repairers	30,787	45,226	50,064	No	No	No	High school diploma or equivalent	Yes	No	No
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	40,077	48,985	49,492	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	39,528	56,556	68,166	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	39,993	76,033	100,673	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	35,990	48,073	52,647	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2097	Audiovisual Equipment Installers and Repairers	39,160	48,656	52,396	Yes	No	No	Postsecondary nondegree award	Yes	No	No
49-2098	Security and Fire Alarm Systems Installers	32,208	47,419	57,627	No	No	No	Postsecondary nondegree award	No	No	No
49-3011	Aircraft Mechanics and Service Technicians	39,493	72,151	81,286	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
49-3021	Automotive Body and Related Repairers	30,698	57,203	62,640	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3022	Automotive Glass Installers and Repairers	34,306	46,408	57,769	No	No	No	High school diploma or equivalent	Yes	No	No
49-3023	Automotive Service Technicians and Mechanics	28,855	49,532	60,946	No	No	No	Postsecondary nondegree award	No	No	No
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	37,105	58,803	72,247	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3041	Farm Equipment Mechanics and Service Technicians	30,934	53,562	62,541	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,432	63,590	76,032	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-3043	Rail Car Repairers	40,585	58,271	64,795	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3051	Motorboat Mechanics and Service Technicians	34,679	54,480	62,987	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-3052	Motorcycle Mechanics	24,680	46,258	59,553	No	No	No	High school diploma or equivalent	No	No	Yes
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	28,608	43,469	49,561	No	No	No	High school diploma or equivalent	No	No	No
49-3091	Bicycle Repairers	30,714	39,710	44,085	No	No	No	High school diploma or equivalent	Yes	No	No
49-3092	Recreational Vehicle Service Technicians	33,140	52,690	66,442	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-3093	Tire Repairers and Changers	23,110	33,828	37,261	No	No	No	High school diploma or equivalent	No	No	No
49-9011	Mechanical Door Repairers	33,812	49,894	58,910	No	No	No	High school diploma or equivalent	Yes	No	Yes
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	40,839	77,327	100,730	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	32,085	51,320	60,032	No	No	No	Postsecondary nondegree award	No	No	No
49-9031	Home Appliance Repairers	28,595	45,023	51,526	No	No	No	Postsecondary nondegree award	No	No	No
49-9041	Industrial Machinery Mechanics	30,602	56,742	64,495	No	No	No	Postsecondary nondegree award	No	Yes	Yes
49-9043	Maintenance Workers, Machinery	28,416	57,975	67,761	No	No	No	High school diploma or equivalent	No	Yes	Yes
49-9044	Millwrights	44,248	60,634	71,579	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9045	Refractory Materials Repairers, Except Brickmasons	28,350	37,572	41,311	No	No	No	High school diploma or equivalent	No	No	No
49-9051	Electrical Power-Line Installers and Repairers	39,626	75,399	95,772	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
49-9052	Telecommunications Line Installers and Repairers	37,865	55,599	62,489	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
49-9061	Camera and Photographic Equipment Repairers	43,619	57,968	64,665	Yes	No	No	Associate's degree	Yes	No	No
49-9062	Medical Equipment Repairers	35,483	56,187	76,613	Yes	No	Yes	Associate's degree	No	No	Yes
49-9063	Musical Instrument Repairers and Tuners	30,918	45,516	55,844	No	No	No	High school diploma or equivalent	Yes	No	No
49-9064	Watch and Clock Repairers	24,775	28,864	28,754	No	No	No	High school diploma or equivalent	No	No	No
49-9069	Precision Instrument and Equipment Repairers, All Other	45,893	58,350	63,082	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9071	Maintenance and Repair Workers, General	27,654	42,858	47,735	No	No	No	High school diploma or equivalent	No	No	No
49-9081	Wind Turbine Service Technicians	52,343	73,822	85,581	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	27,028	41,680	48,727	No	No	No	High school diploma or equivalent	No	No	No
49-9092	Commercial Divers	40,586	52,518	56,978	Yes	No	No	Postsecondary nondegree award	Yes	No	Yes
49-9094	Locksmiths and Safe Repairers	31,368	46,897	59,183	No	No	No	High school diploma or equivalent	Yes	No	No
49-9095	Manufactured Building and Mobile Home Installers	23,690	33,497	42,384	No	No	No	High school diploma or equivalent	No	No	No
49-9096	Riggers	33,645	51,869	61,680	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
49-9097	Signal and Track Switch Repairers	51,227	68,642	77,507	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
49-9098	Helpers-Installation, Maintenance, and Repair Workers	28,863	35,468	38,224	No	No	No	High school diploma or equivalent	No	No	No
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,553	43,053	48,430	No	No	No	High school diploma or equivalent	No	No	No
51-1011	First-Line Supervisors of Production and Operating Workers	37,945	64,848	78,820	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	30,004	48,258	50,118	No	No	No	Postsecondary nondegree award	No	No	No
51-2021	Coil Winders, Tapers, and Finishers	36,023	49,330	52,560	Yes	No	No	High school diploma or equivalent	Yes	No	No
	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	26,754	39,061	44,281	No	No	No	High school diploma or equivalent	No	No	No
51-2031	Engine and Other Machine Assemblers	26,894	40,328	43,739	No	No	No	High school diploma or equivalent	No	No	No
51-2041	Structural Metal Fabricators and Fitters	29,960	44,100	49,817	No	No	No	High school diploma or equivalent	No	No	No
51-2051	Fiberglass Laminators and Fabricators	30,318	37,422	39,731	No	No	No	High school diploma or equivalent	No	No	No
51-2061	Timing Device Assemblers and Adjusters	27,082	36,955	42,178	No	No	No	High school diploma or equivalent	No	No	No
51-2090	Miscellaneous Assemblers and Fabricators	24,322	35,019	38,089	No	No	No	High school diploma or equivalent	No	No	No
51-3011	Bakers	24,070	32,744	37,213	No	No	No	High school diploma or equivalent	No	No	No
51-3021	Butchers and Meat Cutters	27,490	39,430	45,415	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	25,389	36,747	40,618	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3023	Slaughtering and Meat Packers	27,664	29,515	31,322	No	No	No	No formal educational credential	Yes	No	No
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	26,703	41,274	39,560	No	No	No	No formal educational credential	Yes	Yes	Yes
51-3092	Food Batchmakers	22,187	32,335	33,875	No	No	No	High school diploma or equivalent	No	No	No
51-3093	Food Cooking Machine Operators and Tenders	27,212	34,700	38,428	No	No	No	High school diploma or equivalent	No	No	No
51-3099	Food Processing Workers, All Other	24,024	32,317	37,197	No	No	No	No formal educational credential	Yes	No	Yes
	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	29,657	38,906	46,149	No	No	No	High school diploma or equivalent	No	No	No

Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	32,891	43,446	49,623	No	No	No	High school diploma or equivalent	Yes	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	30,428	36,036	36,823	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	29,617	40,315	46,419	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	32,685	60,991	90,609	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,148	36,026	39,665	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	28,710	43,566	49,159	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	27,041	40,443	46,182	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	33,911	50,884	59,268	No	No	No	Postsecondary nondegree award	No	No	No
51-4051	Metal-Refining Furnace Operators and Tenders	42,438	54,110	55,117	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	32,349	50,577	61,338	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-4061	Model Makers, Metal and Plastic	35,827	56,429	65,673	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	29,271	54,760	84,616	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	25,209	44,153	56,434	No	No	No	High school diploma or equivalent	No	No	No
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	27,995	37,382	38,096	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30,515	39,956	49,222	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	45,259	61,955	68,381	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	30,935	47,624	55,963	No	No	No	Postsecondary nondegree award	No	No	No
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	26,859	40,607	46,652	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	27,049	44,194	51,368	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	36,803	51,780	57,057	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	31,328	40,937	45,747	No	No	No	High school diploma or equivalent	Yes	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	29,845	39,935	42,156	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	29,973	40,473	48,233	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	35,360	51,473	60,662	Yes	No	No	Postsecondary nondegree award	Yes	No	No
51-5112	Printing Press Operators	27,856	41,548	46,489	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	29,279	40,743	48,171	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,171	26,478	29,194	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	24,595	28,614	29,411	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	20,800	27,426	30,269	No	No	No	No formal educational credential	No	No	No
51-6041	Shoe and Leather Workers and Repairers	24,201	34,814	38,216	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders	29,336	42,384	50,143	No	No	No	High school diploma or equivalent	No	No	No
51-6051	Sewers, Hand	24,254	28,342	26,222	No	No	No	No formal educational credential	Yes	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	29,352	36,279	38,792	No	No	No	No formal educational credential	Yes	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	25,012	29,954	30,615	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	29,000	32,436	33,074	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	27,597	30,809	31,732	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	25,218	36,402	41,376	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	36,619	63,798	90,739	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	27,011	54,146	80,500	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	27,676	39,002	43,965	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	26,693	31,361	31,200	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	30,523	41,759	48,043	No	No	No	High school diploma or equivalent	No	No	No
51-7021	Furniture Finishers	31,672	46,060	56,563	No	No	No	High school diploma or equivalent	Yes	No	Yes
51-7031	Model Makers, Wood	35,827	56,429	65,673	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7032	Patternmakers, Wood	35,827	56,429	65,673	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	25,302	35,012	37,412	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	28,690	33,263	35,169	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	27,541	29,068	27,545	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	52,614	83,012	105,098	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	58,163	96,190	112,402	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	50,365	82,281	101,581	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	49,497	63,485	75,396	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	43,346	82,514	103,012	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	45,342	67,168	72,717	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	37,464	56,483	68,295	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	49,392	60,446	77,025	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	43,775	62,343	70,158	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	29,798	47,111	49,744	No	No	No	High school diploma or equivalent	No	No	No
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	27,501	43,692	49,691	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	24,114	41,622	47,015	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	29,861	37,442	39,081	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	27,832	38,856	43,477	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	22,530	36,954	46,438	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	24,531	37,340	41,356	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	30,040	41,419	48,962	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	34,000	41,030	47,188	No	No	No	High school diploma or equivalent	Yes	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	25,274	45,681	55,708	No	No	No	Postsecondary nondegree award	No	No	No
51-9071	Jewelers and Precious Stone and Metal Workers	22,050	48,221	57,240	No	No	No	High school diploma or equivalent	No	No	No
51-9081	Dental Laboratory Technicians	31,990	45,826	55,529	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 23

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	29,391	41,748	52,920	No	No	No	Postsecondary nondegree award	No	No	No
51-9083	Ophthalmic Laboratory Technicians	24,736	33,121	36,863	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	22,116	32,655	37,231	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,423	36,044	43,810	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	31,794	43,370	49,931	No	No	No	High school diploma or equivalent	Yes	No	No
51-9141	Semiconductor Processing Technicians	41,268	51,931	55,074	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-9151	Photographic Process Workers and Processing Machine Operators	27,927	41,440	45,091	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	28,957	41,291	47,561	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	34,854	55,742	65,023	Yes	No	No	Associate's degree	No	No	No
51-9191	Adhesive Bonding Machine Operators and Tenders	24,254	34,419	42,092	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	28,241	39,079	51,227	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	29,921	49,591	52,820	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	21,393	32,902	36,491	No	No	No	High school diploma or equivalent	No	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	29,617	39,337	45,791	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	29,416	38,241	39,435	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	31,471	40,726	44,009	No	No	No	High school diploma or equivalent	Yes	No	No
51-9198	Helpers—Production Workers	24,183	31,685	35,264	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	23,823	36,821	39,701	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	43,274	59,003	62,274	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	36,499	59,950	72,695	Yes	No	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	116,668	256,776	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
53-2012	Commercial Pilots	59,632	147,297	201,630	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	87,778	143,994	172,536	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	29,801	100,027	130,762	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	29,872	68,309	79,023	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	28,656	29,722	29,330	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	21,663	33,709	42,701	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	33,563	51,423	59,779	No	No	No	Postsecondary nondegree award	No	No	No
53-3033	Light Truck Drivers	28,152	45,394	48,773	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	25,726	35,599	42,197	No	No	No	High school diploma or equivalent	No	No	No
53-3052	Bus Drivers, Transit and Intercity	30,277	39,334	42,418	No	No	No	High school diploma or equivalent	No	No	No
53-3053	Shuttle Drivers and Chauffeurs	23,994	32,177	32,245	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	30,812	33,407	30,828	No	No	No	No formal educational credential	Yes	Yes	No
53-3099	Motor Vehicle Operators, All Other	21,740	30,970	33,729	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	61,327	74,494	80,476	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	34,895	58,499	56,353	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	42,406	64,123	67,071	Yes	Yes	No	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	68,675	77,518	80,530	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	31,666	45,256	56,841	No	No	No	High school diploma or equivalent	Yes	No	No
53-4099	Rail Transportation Workers, All Other	44,714	45,462	44,725	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	31,275	49,373	53,712	No	No	No	High school diploma or equivalent	Yes	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	38,975	91,650	126,584	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-5022	Motorboat Operators	28,489	45,212	50,124	No	No	No	Postsecondary nondegree award	No	No	No
53-5031	Ship Engineers	73,705	99,780	109,385	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	26,096	34,722	39,425	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,248	26,573	28,538	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	24,419	31,743	35,533	No	No	No	No formal educational credential	Yes	No	No
53-6032	Aircraft Service Attendants	31,472	38,987	38,445	No	No	No	High school diploma or equivalent	Yes	No	No
53-6041	Traffic Technicians	49,736	55,893	60,793	Yes	No	No	Associate's degree	Yes	No	No
53-6051	Transportation Inspectors	37,966	73,883	97,428	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	22,859	36,556	40,198	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	20,977	34,092	41,094	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	33,980	36,152	35,808	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	36,822	67,197	80,615	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-7031	Dredge Operators	38,699	51,292	53,416	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7041	Hoist and Winch Operators	34,960	54,782	56,136	Yes	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	30,222	40,108	46,200	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	23,553	32,018	35,075	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	25,760	36,221	38,527	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	28,615	35,541	35,802	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7064	Packers and Packagers, Hand	23,359	27,874	29,233	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	27,223	33,874	36,394	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	33,449	47,228	67,766	No	No	No	High school diploma or equivalent	Yes	No	Yes
53-7072	Pump Operators, Except Wellhead Pumps	37,417	47,907	51,931	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
53-7073	Wellhead Pumps	33,270	39,685	36,868	No	No	No	High school diploma or equivalent	Yes	No	No
53-7081	Refuse and Recyclable Material Collectors	30,631	46,884	52,518	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	46,990	65,489	66,496	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	29,615	42,069	42,734	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 23

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	34,761	60,982	70,073	831
No formal educational credential	23,962	32,993	35,607	85
High school diploma or equivalent	30,599	50,605	58,419	238
Some college, no degree	28,241	45,204	51,251	49
Postsecondary nondegree award	34,711	52,800	61,888	90
Associate's degree	39,580	59,901	68,137	68
Bachelor's degree	48,819	97,037	113,578	185
Master's degree	48,859	86,757	100,865	43
Doctoral or professional degree	54,955	141,391	158,349	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	474	357	511	320	503	328
No formal educational credential	32.94%	67.06%	32.94%	67.06%	32.94%	67.06%
High school diploma or equivalent	63.45%	36.55%	78.99%	21.01%	78.57%	21.43%
Some college, no degree	22.45%	77.55%	28.57%	71.43%	28.57%	71.43%
Postsecondary nondegree award	53.33%	46.67%	51.11%	48.89%	53.33%	46.67%
Associate's degree	61.76%	38.24%	51.47%	48.53%	44.12%	55.88%
Bachelor's degree	61.62%	38.38%	68.11%	31.89%	67.57%	32.43%
Master's degree	67.44%	32.56%	55.81%	44.19%	51.16%	48.84%
Doctoral or professional degree	69.86%	30.14%	68.49%	31.51%	67.12%	32.88%

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
11-1011	Chief Executives	51,971	275,112	*	Yes	Yes	Yes*	Bachelor's degree	Yes	Yes	Yes*
11-1021	General and Operations Managers	42,298	112,940	135,817	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-1031	Legislators	20,800	67,899	96,620	No	Yes	Yes	Bachelor's degree	No	No	No
11-2011	Advertising and Promotions Managers	47,634	115,055	165,110	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2021	Marketing Managers	66,131	144,961	182,469	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2022	Sales Managers	60,086	140,938	165,952	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2032	Public Relations Managers	59,810	105,835	122,978	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-2033	Fundraising Managers	73,042	144,424	167,153	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3012	Administrative Services Managers	47,003	106,605	131,531	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-3013	Facilities Managers	49,748	101,197	135,703	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3021	Computer and Information Systems Managers	90,294	153,089	170,342	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3031	Financial Managers	71,038	154,423	181,044	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3051	Industrial Production Managers	61,159	120,766	136,961	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3061	Purchasing Managers	67,670	121,604	150,838	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3071	Transportation, Storage, and Distribution Managers	47,252	97,967	122,654	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3111	Compensation and Benefits Managers	94,806	151,054	189,455	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3121	Human Resources Managers	71,718	137,934	154,348	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-3131	Training and Development Managers	62,295	102,433	124,601	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9013	Farmers, Ranchers, and Other Agricultural Managers	24,170	68,804	82,212	No	Yes	Yes	Bachelor's degree	No	No	No
11-9021	Construction Managers	64,034	122,722	131,761	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9031	Education and Childcare Administrators, Preschool and Daycare	29,930	51,938	57,617	No	No	No	Bachelor's degree	No	No	No
11-9032	Education Administrators, Kindergarten through Secondary	63,530	102,050	107,872	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
11-9033	Education Administrators, Postsecondary	50,203	89,920	97,873	Yes	Yes	Yes	Master's degree	No	No	No
11-9039	Education Administrators, All Other	33,472	62,936	81,910	Yes	Yes	Yes	Master's degree	No	No	No
11-9041	Architectural and Engineering Managers	83,804	159,763	209,761	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9051	Food Service Managers	37,095	70,798	81,434	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9071	Gambling Managers	60,810	116,731	117,963	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
11-9072	Entertainment and Recreation Managers, Except Gambling	45,626	100,642	118,963	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
11-9081	Lodging Managers	39,174	73,182	82,558	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9111	Medical and Health Services Managers	60,302	125,410	130,866	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9121	Natural Sciences Managers	53,310	108,258	124,836	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9131	Postmasters and Mail Superintendents	72,634	91,147	100,672	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
11-9141	Property, Real Estate, and Community Association Managers	37,496	70,374	82,030	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9151	Social and Community Service Managers	39,389	74,018	82,248	Yes	Yes	Yes	Bachelor's degree	No	No	No
11-9161	Emergency Management Directors	50,100	94,627	117,229	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
11-9171	Funeral Home Managers	22,817	72,565	79,005	No	Yes	Yes	Associate's degree	No	Yes	Yes
11-9179	Personal Services Managers, All Other	49,451	80,074	95,655	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
11-9199	Managers, All Other	50,981	116,857	139,381	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	31,200	83,976	114,298	No	Yes	Yes	Bachelor's degree	No	No	Yes
13-1020	Buyers and Purchasing Agents	37,786	65,780	77,106	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1031	Claims Adjusters, Examiners, and Investigators	40,565	67,474	79,351	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
13-1032	Insurance Appraisers, Auto Damage	48,746	67,797	77,505	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
13-1041	Compliance Officers	36,899	64,370	80,546	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1051	Cost Estimators	36,382	67,041	80,841	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1071	Human Resources Specialists	36,934	62,598	75,722	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1074	Farm Labor Contractors	23,821	87,538	122,299	No	Yes	Yes	No formal educational credential	No	Yes	Yes
13-1075	Labor Relations Specialists	40,399	76,884	98,419	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1081	Logisticians	35,984	55,746	61,984	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1082	Project Management Specialists	52,019	90,517	102,684	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
13-1111	Management Analysts	39,031	100,320	122,678	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-1121	Meeting, Convention, and Event Planners	32,458	54,747	64,771	No	Yes	Yes	Bachelor's degree	No	No	No
13-1131	Fundraisers	34,140	62,783	76,957	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1141	Compensation, Benefits, and Job Analysis Specialists	48,998	123,387	178,301	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-1151	Training and Development Specialists	33,285	63,306	78,930	No	Yes	Yes	Bachelor's degree	No	No	No
13-1161	Market Research Analysts and Marketing Specialists	34,664	65,904	78,570	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-1199	Business Operations Specialists, All Other	34,778	65,756	77,230	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2011	Accountants and Auditors	38,968	78,277	91,888	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2020	Property Appraisers and Assessors	37,557	67,303	79,758	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2031	Budget Analysts	54,698	77,083	86,221	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2041	Credit Analysts	49,070	91,418	101,969	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2051	Financial and Investment Analysts	56,482	94,840	109,275	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2052	Personal Financial Advisors	37,954	112,324	147,035	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
13-2053	Insurance Underwriters	47,986	62,418	63,688	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
13-2054	Financial Risk Specialists	52,582	112,792	148,165	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
13-2061	Financial Examiners	45,895	79,568	95,714	Yes	Yes	Yes	Bachelor's degree	No	No	No
13-2071	Credit Counselors	38,366	48,081	49,477	Yes	No	No	Bachelor's degree	No	No	No
13-2072	Loan Officers	32,532	71,205	84,180	No	Yes	Yes	Bachelor's degree	No	No	No
13-2081	Tax Examiners and Collectors, and Revenue Agents	29,536	55,383	79,352	No	Yes	Yes	Bachelor's degree	No	No	No
13-2082	Tax Preparers	23,766	45,416	61,734	No	No	Yes	Postsecondary nondegree award	No	No	Yes
13-2099	Financial Specialists, All Other	33,566	60,268	72,732	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-1211	Computer Systems Analysts	52,731	97,315	124,145	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1212	Information Security Analysts	62,478	104,406	121,014	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1221	Computer and Information Research Scientists	78,037	130,016	174,830	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
15-1231	Computer Network Support Specialists	44,102	94,600	87,575	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1232	Computer User Support Specialists	34,670	56,781	64,893	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
15-1241	Computer Network Architects	78,096	127,828	159,994	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1242	Database Administrators	39,975	86,653	118,239	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-1243	Database Architects	59,987	129,656	151,682	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
15-1244	Network and Computer Systems Administrators	50,398	86,165	104,562	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
15-1251	Computer Programmers	49,955	92,144	128,339	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1252	Software Developers	61,866	111,035	134,025	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-1253	Software Quality Assurance Analysts and Testers	46,862	88,444	107,370	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-1254	Web Developers	43,445	97,645	134,756	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
15-1255	Web and Digital Interface Designers	34,894	74,595	88,359	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
15-1299	Computer Occupations, All Other	37,629	85,652	106,667	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
15-2011	Actuaries	73,697	142,561	181,597	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2021	Mathematicians	39,423	93,678	128,824	Yes	Yes	Yes	Master's degree	No	Yes	Yes
15-2031	Operations Research Analysts	39,250	70,813	79,046	Yes	Yes	Yes	Bachelor's degree	No	No	No
15-2041	Statisticians	36,982	70,967	88,029	Yes	Yes	Yes	Master's degree	No	No	No
15-2051	Data Scientists	48,993	101,250	124,579	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
15-2099	Mathematical Science Occupations, All Other	40,132	82,610	100,065	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1011	Architects, Except Landscape and Naval	51,200	100,256	108,789	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-1012	Landscape Architects	39,704	70,476	79,650	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-1021	Cartographers and Photogrammetrists	49,457	76,135	84,953	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-1022	Surveyors	34,947	62,753	74,890	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2011	Aerospace Engineers	76,224	114,188	132,894	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2021	Agricultural Engineers										
17-2031	Bioengineers and Biomedical Engineers	65,711	105,551	123,764	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2041	Chemical Engineers	66,408	107,555	132,303	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2051	Civil Engineers	51,598	99,484	119,279	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2061	Computer Hardware Engineers	65,944	117,933	137,103	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2071	Electrical Engineers	62,475	100,178	123,715	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2072	Electronics Engineers, Except Computer	78,023	100,096	112,150	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2081	Environmental Engineers	46,757	89,976	101,486	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	50,250	84,172	96,076	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2112	Industrial Engineers	60,682	93,019	104,913	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2121	Marine Engineers and Naval Architects	50,786	76,884	90,416	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2131	Materials Engineers	56,020	91,550	112,158	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2141	Mechanical Engineers	50,324	86,795	96,056	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	45,770	95,334	107,230	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
17-2161	Nuclear Engineers	79,930	115,203	124,862	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2171	Petroleum Engineers	66,230	129,395	155,237	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
17-2199	Engineers, All Other	44,034	82,643	96,013	Yes	Yes	Yes	Bachelor's degree	No	No	No
17-3011	Architectural and Civil Drafters	39,560	57,667	66,186	Yes	Yes	Yes	Associate's degree	No	No	Yes
17-3012	Electrical and Electronics Drafters	43,160	63,569	76,023	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3013	Mechanical Drafters	37,806	62,585	73,510	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3019	Drafters, All Other	37,440	56,818	65,689	Yes	Yes	Yes	Associate's degree	No	No	No
17-3021	Aerospace Engineering and Operations Technologists and Technicians	35,816	77,012	105,298	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3022	Civil Engineering Technologists and Technicians	37,635	53,853	62,907	Yes	No	Yes	Associate's degree	No	No	No
17-3023	Electrical and Electronic Engineering Technologists and Technicians	37,940	60,830	74,145	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	45,307	70,153	79,240	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
17-3025	Environmental Engineering Technologists and Technicians	30,937	45,543	51,476	No	No	No	Associate's degree	No	No	No
17-3026	Industrial Engineering Technologists and Technicians	39,614	63,762	77,406	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3027	Mechanical Engineering Technologists and Technicians	38,644	58,977	65,856	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3028	Calibration Technologists and Technicians	38,536	62,594	79,457	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	38,272	78,392	121,741	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
17-3031	Surveying and Mapping Technicians	30,409	46,420	56,507	No	No	No	Associate's degree	No	No	No
19-1011	Animal Scientists	36,781	80,462	119,964	Yes	Yes	Yes	Master's degree	No	No	Yes
19-1012	Food Scientists and Technologists	39,107	77,653	106,974	Yes	Yes	Yes	Bachelor's degree	No	No	Yes
19-1013	Soil and Plant Scientists	58,896	96,629	121,840	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-1021	Biochemists and Biophysicists	39,521	86,553	109,083	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-1022	Microbiologists	35,885	59,016	72,292	Yes	Yes	Yes	Master's degree	No	No	No
19-1023	Zoologists and Wildlife Biologists	31,200	47,039	50,149	No	No	No	Master's degree	No	No	No
19-1029	Biological Scientists, All Other	39,042	58,608	72,800	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1031	Conservation Scientists	32,594	62,051	76,211	No	Yes	No	Bachelor's degree	No	No	No
19-1032	Foresters	36,841	59,538	70,113	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-1041	Epidemiologists	81,081	106,182	107,950	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-1042	Medical Scientists, Except Epidemiologists	45,867	125,834	163,684	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-1099	Life Scientists, All Other	55,596	85,380	91,244	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-2011	Astronomers	76,776	157,041	220,295	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-2012	Physicists	76,776	157,041	220,295	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
19-2021	Atmospheric and Space Scientists	49,048	87,192	110,035	Yes	Yes	Yes	Bachelor's degree	Yes	No	Yes
19-2031	Chemists	40,049	70,535	90,777	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2032	Materials Scientists	67,876	114,474	133,919	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2041	Environmental Scientists and Specialists, Including Health	36,005	62,389	72,103	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2042	Geoscientists, Except Hydrologists and Geographers	64,356	99,004	125,137	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
19-2043	Hydrologists	43,405	72,672	79,618	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-2099	Physical Scientists, All Other	44,607	106,442	131,879	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
19-3011	Economists	65,958	103,553	119,168	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
19-3022	Survey Researchers	52,137	99,326	125,966	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3032	Industrial-Organizational Psychologists	73,356	126,242	152,763	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3033	Clinical and Counseling Psychologists	46,680	122,496	164,738	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
19-3034	School Psychologists	39,230	74,605	83,902	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
19-3039	Psychologists, All Other	79,352	114,659	122,678	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	No
19-3041	Sociologists	28,926	57,853	50,116	No	Yes	No	Master's degree	No	No	No
19-3051	Urban and Regional Planners	54,080	75,655	80,984	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
19-3091	Anthropologists and Archeologists	39,482	62,160	73,533	Yes	Yes	Yes	Master's degree	No	No	No
19-3092	Geographers	55,596	85,380	91,244	Yes	Yes	Yes	Master's degree	No	No	No
19-3093	Historians	35,481	70,872	96,468	Yes	Yes	Yes	Master's degree	No	No	No
19-3094	Political Scientists	37,905	94,664	128,518	Yes	Yes	Yes	Master's degree	No	Yes	Yes
19-3099	Social Scientists and Related Workers, All Other	50,236	78,300	91,682	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
19-4012	Agricultural Technicians	29,109	43,950	48,232	No	No	No	Associate's degree	No	No	No
19-4013	Food Science Technicians	32,110	52,018	71,661	No	No	Yes	Associate's degree	No	No	Yes
19-4021	Biological Technicians	29,120	44,900	56,005	No	No	No	Bachelor's degree	No	No	No
19-4031	Chemical Technicians	31,441	55,971	62,420	No	Yes	Yes	Associate's degree	No	No	No
19-4042	Environmental Science and Protection Technicians, Including Health	29,452	51,235	62,625	No	No	Yes	Associate's degree	No	No	No
19-4043	Geological Technicians, Except Hydrologic Technicians	31,203	40,123	43,838	No	No	No	Associate's degree	No	No	No
19-4044	Hydrologic Technicians	36,109	53,424	60,559	Yes	No	No	Associate's degree	No	No	No
19-4051	Nuclear Technicians	38,536	62,594	79,457	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
19-4061	Social Science Research Assistants	30,326	48,608	55,823	No	No	No	Bachelor's degree	No	No	No
19-4071	Forest and Conservation Technicians	35,121	43,385	49,636	Yes	No	No	Associate's degree	No	No	No
19-4092	Forensic Science Technicians	34,840	52,673	62,209	Yes	No	Yes	Bachelor's degree	No	No	No
19-4099	Life, Physical, and Social Science Technicians, All Other	27,040	48,251	59,921	No	No	No	Bachelor's degree	No	No	No
19-5011	Occupational Health and Safety Specialists	37,565	70,905	88,694	Yes	Yes	Yes	Bachelor's degree	No	No	No
19-5012	Occupational Health and Safety Technicians	40,590	72,751	96,705	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
21-1012	Educational, Guidance, and Career Counselors and Advisors	36,014	63,338	78,135	Yes	Yes	Yes	Master's degree	Yes	No	No
21-1013	Marriage and Family Therapists	29,818	45,337	48,489	No	No	No	Master's degree	No	No	No
21-1015	Rehabilitation Counselors	28,091	45,822	45,893	No	No	No	Master's degree	No	No	No
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	35,428	56,057	69,578	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1019	Counselors, All Other	31,866	48,262	48,419	No	No	No	Master's degree	No	No	No
21-1021	Child, Family, and School Social Workers	33,844	55,840	77,203	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1022	Healthcare Social Workers	36,527	56,771	64,685	Yes	Yes	Yes	Master's degree	No	No	No
21-1023	Mental Health and Substance Abuse Social Workers	31,950	52,734	65,677	No	No	Yes	Bachelor's degree	No	No	No
21-1029	Social Workers, All Other	36,140	53,159	66,206	Yes	No	Yes	Bachelor's degree	No	No	No
21-1091	Health Education Specialists	36,317	57,456	79,372	Yes	Yes	Yes	Bachelor's degree	No	No	No
21-1092	Probation Officers and Correctional Treatment Specialists	32,282	42,029	47,299	No	No	No	Bachelor's degree	No	No	No
21-1093	Social and Human Service Assistants	27,102	39,104	45,134	No	No	No	Some college, no degree	No	No	No
21-1094	Community Health Workers	31,786	48,459	60,226	No	No	No	Bachelor's degree	No	No	No
21-1099	Community and Social Service Specialists, All Other	25,742	46,292	52,611	No	No	No	Bachelor's degree	No	No	No
21-2011	Clergy	33,607	58,227	63,370	Yes	Yes	Yes	Master's degree	No	No	No
21-2021	Directors, Religious Activities and Education	31,218	51,466	60,226	No	No	No	Bachelor's degree	No	No	No
21-2099	Religious Workers, All Other	30,291	55,852	72,623	No	Yes	Yes	Bachelor's degree	No	No	No
23-1011	Lawyers	55,952	118,225	144,222	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1012	Judicial Law Clerks	36,831	55,833	62,603	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	42,025	92,368	114,701	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-1022	Arbitrators, Mediators, and Conciliators	32,468	50,342	60,181	No	No	No	Bachelor's degree	No	No	No
23-1023	Judges, Magistrate Judges, and Magistrates	42,025	92,368	114,701	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
23-2011	Paralegals and Legal Assistants	37,851	55,286	61,651	Yes	Yes	Yes	Associate's degree	No	No	No
23-2099	Title Examiners, Abstractors, and Searchers	32,924	52,628	60,486	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
23-2099	Legal Support Workers, All Other	28,476	59,435	59,446	No	Yes	No	Associate's degree	No	Yes	No
25-1011	Business Teachers, Postsecondary	48,636	75,105	78,701	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1021	Computer Science Teachers, Postsecondary	48,527	85,092	99,355	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1022	Mathematical Science Teachers, Postsecondary	47,277	74,010	88,602	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1031	Architecture Teachers, Postsecondary	38,250	101,494	127,257	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1032	Engineering Teachers, Postsecondary	46,381	89,027	122,477	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1041	Agricultural Sciences Teachers, Postsecondary	44,292	61,450	74,716	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1042	Biological Science Teachers, Postsecondary	50,802	85,335	96,105	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1043	Forestry and Conservation Science Teachers, Postsecondary	44,292	61,450	74,716	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	46,144	63,412	61,440	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1052	Chemistry Teachers, Postsecondary	40,537	55,688	61,350	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1053	Environmental Science Teachers, Postsecondary	43,897	71,355	88,958	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1054	Physics Teachers, Postsecondary	47,288	63,559	62,810	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1061	Anthropology and Archeology Teachers, Postsecondary	46,144	84,079	98,784	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47,928	66,082	75,869	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1063	Economics Teachers, Postsecondary	48,063	61,591	74,163	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1064	Geography Teachers, Postsecondary	46,144	63,412	61,440	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1065	Political Science Teachers, Postsecondary	46,102	60,508	68,387	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1066	Psychology Teachers, Postsecondary	50,203	77,246	84,580	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1067	Sociology Teachers, Postsecondary	47,229	99,454	118,781	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1069	Social Sciences Teachers, Postsecondary, All Other	45,721	64,338	75,702	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1071	Health Specialties Teachers, Postsecondary	48,508	96,049	103,557	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	No
25-1072	Nursing Instructors and Teachers, Postsecondary	61,237	82,748	96,182	Yes	Yes	Yes	Master's degree	Yes	No	No
25-1081	Education Teachers, Postsecondary	50,111	69,220	83,554	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1082	Library Science Teachers, Postsecondary	47,780	73,188	80,649	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	46,503	59,807	60,666	Yes	Yes	No	Doctoral or professional degree	No	No	No
25-1112	Law Teachers, Postsecondary	44,725	139,330	206,024	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
25-1113	Social Work Teachers, Postsecondary	60,415	69,295	76,145	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1121	Art, Drama, and Music Teachers, Postsecondary	49,811	65,578	73,152	Yes	Yes	Yes	Master's degree	No	No	No
25-1122	Communications Teachers, Postsecondary	45,317	78,984	97,976	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1123	English Language and Literature Teachers, Postsecondary	48,338	65,210	79,355	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1124	Foreign Language and Literature Teachers, Postsecondary	40,517	66,989	77,781	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1125	History Teachers, Postsecondary	45,723	56,945	75,885	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1126	Philosophy and Religion Teachers, Postsecondary	46,043	69,127	77,538	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1192	Family and Consumer Sciences Teachers, Postsecondary	37,393	73,652	84,552	Yes	Yes	Yes	Master's degree	No	No	No

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	43,414	74,075	78,136	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-1194	Career/Technical Education Teachers, Postsecondary	35,889	47,824	47,514	Yes	No	No	Master's degree	No	No	No
25-1199	Postsecondary Teachers, All Other	38,594	65,707	78,851	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
25-2011	Preschool Teachers, Except Special Education	23,182	32,550	34,990	No	No	No	Associate's degree	No	No	No
25-2012	Kindergarten Teachers, Except Special Education	46,852	70,889	76,446	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2021	Elementary School Teachers, Except Special Education	40,451	68,322	77,628	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2022	Middle School Teachers, Except Special and Career/Technical Education	46,936	69,850	77,772	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2023	Career/Technical Education Teachers, Middle School	67,974	76,721	77,431	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	48,807	71,714	77,572	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2032	Career/Technical Education Teachers, Secondary School	57,178	76,246	78,271	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2051	Special Education Teachers, Preschool	39,973	65,899	76,858	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-2052	Special Education Teachers, Kindergarten and Elementary School	49,079	77,234	91,244	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2057	Special Education Teachers, Middle School	47,798	75,682	75,583	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2058	Special Education Teachers, Secondary School	68,001	74,233	77,791	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
25-2059	Special Education Teachers, All Other	33,604	61,286	77,258	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	37,461	60,920	80,408	Yes	Yes	Yes	Bachelor's degree	No	No	No
25-3021	Self-Enrichment Teachers	22,794	41,678	50,573	No	No	No	Some college, no degree	Yes	No	Yes
25-3031	Substitute Teachers, Short-Term	26,255	32,537	30,306	No	No	No	Bachelor's degree	No	No	No
25-3041	Tutors	20,800	36,426	45,038	No	No	No	Bachelor's degree	No	No	No
25-3099	Teachers and Instructors, All Other	27,143	64,720	77,186	No	Yes	Yes	Bachelor's degree	No	No	No
25-4011	Archivists	28,946	46,351	55,350	No	No	No	Master's degree	No	No	No
25-4012	Curators	27,551	54,584	65,120	No	Yes	Yes	Master's degree	No	No	No
25-4013	Museum Technicians and Conservators	30,109	49,778	62,810	No	No	Yes	Bachelor's degree	No	No	No
25-4022	Librarians and Media Collections Specialists	44,990	65,849	78,871	Yes	Yes	Yes	Master's degree	No	No	No
25-4031	Library Technicians	28,540	41,100	50,666	No	No	No	Associate's degree	No	No	No
25-9021	Farm and Home Management Educators	27,832	46,707	58,261	No	No	No	Master's degree	No	No	No
25-9031	Instructional Coordinators	47,840	98,168	95,710	Yes	Yes	Yes	Master's degree	No	Yes	No
25-9044	Teaching Assistants, Postsecondary	20,884	32,445	40,369	No	No	No	Bachelor's degree	No	No	No
25-9045	Teaching Assistants, Except Postsecondary	23,042	30,914	30,774	No	No	No	Some college, no degree	No	No	No
25-9099	Educational Instruction and Library Workers, All Other	28,578	63,920	79,091	No	Yes	Yes	Bachelor's degree	No	No	No
27-1011	Art Directors	52,000	89,999	100,176	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
27-1012	Craft Artists	20,953	33,835	39,019	No	No	No	Some college, no degree	No	No	No
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	28,540	71,528	79,396	No	Yes	Yes	Bachelor's degree	No	No	No
27-1014	Special Effects Artists and Animators	45,295	73,324	79,364	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1019	Artists and Related Workers, All Other	26,088	50,215	58,395	No	No	No	Some college, no degree	No	Yes	Yes
27-1021	Commercial and Industrial Designers	22,823	44,622	60,092	No	No	No	Bachelor's degree	No	No	No
27-1022	Fashion Designers	39,239	74,203	77,992	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1023	Floral Designers	26,925	38,789	45,241	No	No	No	High school diploma or equivalent	No	No	No
27-1024	Graphic Designers	32,982	53,248	61,178	No	No	Yes	Bachelor's degree	No	No	No
27-1025	Interior Designers	36,568	69,406	84,131	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-1026	Merchandise Displayers and Window Trimmers	26,766	36,545	39,669	No	No	No	Some college, no degree	No	No	No
27-1027	Set and Exhibit Designers	25,378	33,892	42,474	No	No	No	Bachelor's degree	No	No	No
27-1029	Designers, All Other	29,120	46,370	52,002	No	No	No	Bachelor's degree	No	No	No
27-2011	Actors	29,685	33,854	31,627	No	No	No	Some college, no degree	Yes	No	No
27-2012	Producers and Directors	33,825	62,462	80,817	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-2021	Athletes and Sports Competitors	30,983	186,098	206,030	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
27-2022	Coaches and Scouts	27,746	60,343	63,706	No	Yes	Yes	Bachelor's degree	No	No	No
27-2023	Umpires, Referees, and Other Sports Officials	21,988	41,632	44,813	No	No	No	Some college, no degree	No	No	No
27-2031	Dancers	29,685	33,854	31,627	No	No	No	High school diploma or equivalent	No	No	No
27-2032	Choreographers	29,685	33,854	31,627	No	No	No	Some college, no degree	Yes	No	No
27-2041	Music Directors and Composers	26,753	76,579	85,013	No	Yes	Yes	Bachelor's degree	No	No	No
27-2042	Musicians and Singers	29,685	33,854	31,627	No	No	No	Some college, no degree	Yes	No	No
27-2091	Disc Jockeys, Except Radio	21,880	59,824	59,243	No	Yes	No	Bachelor's degree	No	No	No
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	21,880	59,824	59,243	No	Yes	No	Some college, no degree	No	Yes	Yes
27-3011	Broadcast Announcers and Radio Disc Jockeys	21,269	45,689	51,004	No	No	No	Bachelor's degree	No	No	No
27-3023	News Analysts, Reporters, and Journalists	37,683	63,503	78,548	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3031	Public Relations Specialists	34,217	63,177	78,166	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3041	Editors	39,124	70,746	83,604	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3042	Technical Writers	42,623	69,421	79,652	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3043	Writers and Authors	35,143	60,088	64,312	Yes	Yes	Yes	Bachelor's degree	No	No	No
27-3091	Interpreters and Translators	36,280	51,972	56,175	Yes	No	No	Bachelor's degree	No	No	No
27-3092	Court Reporters and Simultaneous Captioners	27,601	50,916	62,344	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
27-3099	Media and Communication Workers, All Other	20,845	46,548	57,607	No	No	No	Associate's degree	No	No	No
27-4011	Audio and Video Technicians	26,689	44,203	52,551	No	No	No	Associate's degree	No	No	No
27-4012	Broadcast Technicians	24,051	48,138	57,436	No	No	No	Associate's degree	No	No	No
27-4014	Sound Engineering Technicians	27,071	50,252	61,071	No	No	Yes	Associate's degree	No	No	No
27-4015	Lighting Technicians	29,557	48,569	59,775	No	No	No	Associate's degree	No	No	No
27-4021	Photographers	28,226	43,662	50,241	No	No	No	Some college, no degree	No	Yes	Yes
27-4031	Camera Operators, Television, Video, and Film	33,508	44,487	54,928	Yes	No	No	Bachelor's degree	No	No	No
27-4032	Film and Video Editors	29,626	54,215	73,442	No	Yes	Yes	Bachelor's degree	No	No	No
27-4099	Media and Communication Equipment Workers, All Other	27,517	66,319	91,244	No	Yes	Yes	Associate's degree	No	Yes	Yes
29-1011	Chiropractors	39,873	84,252	101,054	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1021	Dentists, General	98,651	199,509	227,049	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1022	Oral and Maxillofacial Surgeons	51,772	224,030	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1023	Orthodontists	69,394	168,463	209,828	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1024	Prosthodontists	51,772	224,030	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1029	Dentists, All Other Specialists	202,072	259,862	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*



Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
29-1031	Dietitians and Nutritionists	39,059	63,563	72,821	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-1041	Optometrists	55,798	121,814	162,270	Yes	Yes	Yes	Doctoral or professional degree	No	No	Yes
29-1051	Pharmacists	64,932	124,054	139,942	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1071	Physician Assistants	70,899	119,432	137,273	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1081	Podiatrists	45,529	166,129	197,314	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1122	Occupational Therapists	69,992	92,839	99,793	Yes	Yes	Yes	Master's degree	Yes	No	No
29-1123	Physical Therapists	56,506	91,824	102,629	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1124	Radiation Therapists	62,732	84,296	88,573	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1125	Recreational Therapists	36,794	49,654	52,472	Yes	No	No	Bachelor's degree	No	No	No
29-1126	Respiratory Therapists	61,049	71,940	77,557	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1127	Speech-Language Pathologists	67,935	94,432	101,411	Yes	Yes	Yes	Master's degree	Yes	Yes	No
29-1128	Exercise Physiologists	50,251	54,126	56,171	Yes	Yes	No	Master's degree	No	No	No
29-1129	Therapists, All Other	36,555	56,833	59,490	Yes	Yes	No	Bachelor's degree	No	No	No
29-1131	Veterinarians	61,488	116,836	137,042	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1141	Registered Nurses	61,563	79,522	81,834	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
29-1151	Nurse Anesthetists	147,478	179,260	207,873	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1161	Nurse Midwives	65,047	108,641	118,405	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1171	Nurse Practitioners	85,231	122,652	130,042	Yes	Yes	Yes	Master's degree	Yes	Yes	Yes
29-1181	Audiologists	61,095	93,659	105,880	Yes	Yes	Yes	Doctoral or professional degree	No	No	No
29-1211	Anesthesiologists	102,499	295,651	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1212	Cardiologists	177,836	422,622	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1213	Dermatologists	44,466	236,377	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1214	Emergency Medicine Physicians	208,506	374,985	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1215	Family Medicine Physicians	104,131	153,205	209,597	Yes	Yes	Yes	Doctoral or professional degree	Yes	No	Yes
29-1216	General Internal Medicine Physicians	176,487	263,976	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1217	Neurologists	76,151	244,285	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1218	Obstetricians and Gynecologists	61,371	256,219	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1221	Pediatricians, General	160,695	227,911	234,792	Yes	Yes	Yes	Doctoral or professional degree	Yes	Yes	Yes
29-1222	Physicians, Pathologists	68,848	230,310	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1223	Psychiatrists	47,609	160,387	208,147	Yes	Yes	Yes	Doctoral or professional degree	No	Yes	Yes
29-1224	Radiologists	50,146	300,037	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1229	Physicians, All Other	97,568	306,273	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1241	Ophthalmologists, Except Pediatric	106,612	194,867	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1242	Orthopedic Surgeons, Except Pediatric	109,390	379,803	*	Yes	Yes	Yes*	Doctoral or professional degree	Yes	Yes	Yes*
29-1243	Pediatric Surgeons	64,062	315,806	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1249	Surgeons, All Other	64,062	315,806	*	Yes	Yes	Yes*	Doctoral or professional degree	No	Yes	Yes*
29-1291	Acupuncturists	39,774	129,859	210,383	Yes	Yes	Yes	Master's degree	No	Yes	Yes
29-1292	Dental Hygienists	63,865	82,533	93,840	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	75,831	188,196	70,862	Yes	Yes	Yes	Master's degree	Yes	Yes	No
29-2010	Clinical Laboratory Technologists and Technicians	36,386	60,778	74,141	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
29-2031	Cardiovascular Technologists and Technicians	34,689	59,046	77,116	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
29-2032	Diagnostic Medical Sonographers	60,510	77,725	82,745	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2033	Nuclear Medicine Technologists	67,122	79,890	83,420	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2034	Radiologic Technologists and Technicians	47,210	64,759	73,634	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
29-2035	Magnetic Resonance Imaging Technologists	34,542	53,329	77,378	Yes	No	Yes	Associate's degree	No	No	Yes
29-2036	Medical Dosimetrists	99,562	125,956	140,020	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2042	Emergency Medical Technicians	29,102	41,149	46,435	No	No	No	Postsecondary nondegree award	No	No	No
29-2043	Paramedics	37,125	61,021	81,525	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2051	Dietetic Technicians	29,661	33,067	34,116	No	No	No	Associate's degree	No	No	No
29-2052	Pharmacy Technicians	31,350	39,055	43,573	No	No	No	Postsecondary nondegree award	No	No	No
29-2053	Psychiatric Technicians	28,359	40,419	47,143	No	No	No	Postsecondary nondegree award	No	No	No
29-2055	Surgical Technologists	40,054	55,628	62,967	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-2056	Veterinary Technologists and Technicians	29,150	38,946	45,890	No	No	No	Associate's degree	No	No	No
29-2057	Ophthalmic Medical Technicians	28,875	44,912	56,680	No	No	No	Postsecondary nondegree award	No	No	Yes
29-2061	Licensed Practical and Licensed Vocational Nurses	45,670	53,303	58,406	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-2072	Medical Records Specialists	31,832	47,627	57,102	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2081	Opticians, Dispensing	30,080	50,542	61,533	No	No	No	Postsecondary nondegree award	No	Yes	Yes
29-2091	Orthotists and Prosthetists	65,354	91,903	115,390	Yes	Yes	Yes	Master's degree	Yes	No	Yes
29-2092	Hearing Aid Specialists	31,237	53,123	68,588	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
29-2099	Health Technologists and Technicians, All Other	33,827	48,279	60,691	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
29-9021	Health Information Technologists and Medical Registrars	35,076	55,029	62,699	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9091	Athletic Trainers	39,777	56,176	61,480	Yes	Yes	Yes	Bachelor's degree	No	No	No
29-9092	Genetic Counselors	50,698	87,489	101,494	Yes	Yes	Yes	Master's degree	No	No	No
29-9093	Surgical Assistants	34,182	57,110	70,412	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
29-9099	Healthcare Practitioners and Technical Workers, All Other	28,533	48,142	55,885	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-1120	Home Health and Personal Care Aides	23,639	31,750	33,314	No	No	No	High school diploma or equivalent	No	No	No
31-1131	Nursing Assistants	28,508	33,891	36,139	No	No	No	Postsecondary nondegree award	No	No	No
31-1132	Orderlies	30,117	33,521	34,038	No	No	No	High school diploma or equivalent	No	No	No
31-1133	Psychiatric Aides	26,453	32,070	34,130	No	No	No	High school diploma or equivalent	No	No	No
31-2011	Occupational Therapy Assistants	52,915	68,827	74,582	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2012	Occupational Therapy Aides	29,508	55,212	67,334	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
31-2021	Physical Therapist Assistants	46,695	67,141	73,439	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
31-2022	Physical Therapist Aides	25,014	35,311	43,813	No	No	No	Postsecondary nondegree award	No	No	No
31-9011	Massage Therapists	27,549	52,097	56,905	No	No	No	Postsecondary nondegree award	No	Yes	Yes
31-9091	Dental Assistants	36,838	46,855	49,925	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
31-9092	Medical Assistants	31,200	38,924	42,440	No	No	No	Postsecondary nondegree award	No	No	No
31-9093	Medical Equipment Preparers	31,033	38,074	42,849	No	No	No	High school diploma or equivalent	Yes	No	No
31-9094	Medical Transcriptionists	23,777	34,085	37,258	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
31-9095	Pharmacy Aides	24,157	33,362	37,817	No	No	No	High school diploma or equivalent	No	No	No
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	27,807	33,922	36,554	No	No	No	High school diploma or equivalent	No	No	No
31-9097	Phlebotomists	31,414	37,807	38,323	No	No	No	Postsecondary nondegree award	No	No	No
31-9099	Healthcare Support Workers, All Other	27,687	38,825	45,713	No	No	No	High school diploma or equivalent	No	No	No
33-1011	First-Line Supervisors of Correctional Officers	42,099	60,705	74,811	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-1012	First-Line Supervisors of Police and Detectives	57,970	80,835	96,705	Yes	Yes	Yes	Bachelor's degree	Yes	No	No
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	62,611	95,859	102,275	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-1091	First-Line Supervisors of Security Workers	31,792	50,328	60,085	No	No	No	Bachelor's degree	No	No	No
33-1099	First-Line Supervisors of Protective Service Workers, All Other	45,484	60,859	68,214	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-2011	Firefighters	37,063	57,084	73,609	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2021	Fire Inspectors and Investigators	44,730	68,714	78,546	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
33-2022	Forest Fire Inspectors and Prevention Specialists	54,857	90,209	101,839	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3011	Bailiffs	28,759	54,571	64,269	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
33-3012	Correctional Officers and Jailers	34,712	42,781	47,618	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3021	Detectives and Criminal Investigators	43,938	72,919	82,763	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
33-3031	Fish and Game Wardens	26,650	28,897	29,064	No	No	No	Bachelor's degree	No	No	No
33-3041	Parking Enforcement Workers	35,448	39,292	40,893	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-3051	Police and Sheriff's Patrol Officers	46,585	63,413	76,522	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
33-3052	Transit and Railroad Police	58,858	73,129	60,021	Yes	Yes	No	Associate's degree	Yes	Yes	No
33-9011	Animal Control Workers	27,289	38,593	42,798	No	No	No	Postsecondary nondegree award	No	No	No
33-9021	Private Detectives and Investigators	33,280	53,384	58,136	No	No	No	Bachelor's degree	No	No	No
33-9031	Gambling Surveillance Officers and Gambling Investigators	27,961	35,116	38,063	No	No	No	High school diploma or equivalent	No	No	No
33-9032	Security Guards	23,411	32,017	34,665	No	No	No	High school diploma or equivalent	No	No	No
33-9091	Crossing Guards and Flaggers	24,905	32,032	35,381	No	No	No	No formal educational credential	Yes	No	No
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	21,017	28,655	34,610	No	No	No	No formal educational credential	No	No	No
33-9093	Transportation Security Screeners	37,024	44,952	47,382	Yes	No	No	High school diploma or equivalent	Yes	No	No
33-9094	School Bus Monitors	22,170	27,340	28,398	No	No	No	High school diploma or equivalent	No	No	No
33-9099	Protective Service Workers, All Other	24,817	39,963	46,821	No	No	No	High school diploma or equivalent	No	No	No
35-1011	Chefs and Head Cooks	35,661	62,873	74,219	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	28,804	42,557	48,621	No	No	No	High school diploma or equivalent	No	No	No
35-2011	Cooks, Fast Food	22,764	27,693	29,220	No	No	No	No formal educational credential	No	No	No
35-2012	Cooks, Institution and Cafeteria	25,153	33,759	36,926	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2013	Cooks, Private Household	31,883	58,011	71,483	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
35-2014	Cooks, Restaurant	28,145	34,217	36,954	No	No	No	High school diploma or equivalent	No	No	No
35-2015	Cooks, Short Order	24,900	31,801	35,054	No	No	No	No formal educational credential	Yes	No	No
35-2019	Cooks, All Other	27,628	35,894	38,009	No	No	No	No formal educational credential	Yes	Yes	Yes
35-2021	Food Preparation Workers	23,777	31,668	35,830	No	No	No	No formal educational credential	No	No	No
35-3011	Bartenders	21,283	34,825	38,081	No	No	No	No formal educational credential	No	Yes	Yes
35-3023	Fast Food and Counter Workers	22,518	26,483	28,275	No	No	No	No formal educational credential	No	No	No
35-3031	Waiters and Waitresses	21,419	33,643	36,787	No	No	No	No formal educational credential	No	Yes	Yes
35-3041	Food Servers, Nonrestaurant	23,220	28,436	30,782	No	No	No	No formal educational credential	No	No	No
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	21,349	28,872	32,378	No	No	No	No formal educational credential	No	No	No
35-9021	Dishwashers	22,216	27,888	29,750	No	No	No	No formal educational credential	No	No	No
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	21,811	29,040	30,270	No	No	No	No formal educational credential	No	No	No
35-9099	Food Preparation and Serving Related Workers, All Other	22,387	28,204	29,490	No	No	No	No formal educational credential	No	No	No
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	29,610	46,747	54,286	No	No	No	High school diploma or equivalent	No	No	Yes
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	35,899	54,787	62,976	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	23,235	30,304	33,973	No	No	No	High school diploma or equivalent	No	No	No
37-2012	Maids and Housekeeping Cleaners	23,964	30,421	34,068	No	No	No	No formal educational credential	No	No	No
37-2019	Building Cleaning Workers, All Other	24,087	29,981	32,721	No	No	No	No formal educational credential	No	No	No
37-2021	Pest Control Workers	31,302	42,606	47,002	No	No	No	High school diploma or equivalent	Yes	No	No
37-3011	Landscaping and Groundskeeping Workers	28,670	34,403	36,886	No	No	No	No formal educational credential	Yes	Yes	Yes
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	28,537	39,518	44,701	No	No	No	High school diploma or equivalent	No	No	No
37-3013	Tree Trimmers and Pruners	30,150	43,383	51,963	No	No	No	High school diploma or equivalent	No	No	No
37-3019	Grounds Maintenance Workers, All Other	21,380	35,144	37,617	No	No	No	No formal educational credential	No	Yes	Yes
39-1013	First-Line Supervisors of Gambling Services Workers	30,362	59,183	77,093	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	30,473	52,540	60,726	No	No	No	Some college, no degree	Yes	Yes	Yes
39-1022	First-Line Supervisors of Personal Service Workers	31,161	48,743	57,849	No	No	No	Some college, no degree	Yes	Yes	Yes
39-2011	Animal Trainers	24,540	32,173	32,023	No	No	No	High school diploma or equivalent	No	No	No
39-2021	Animal Caretakers	23,365	30,500	30,697	No	No	No	High school diploma or equivalent	No	No	No
39-3011	Gambling Dealers	23,569	43,500	65,695	No	No	Yes	High school diploma or equivalent	No	No	Yes
39-3012	Gambling and Sports Book Writers and Runners	21,121	28,187	30,326	No	No	No	High school diploma or equivalent	No	No	No
39-3019	Gambling Service Workers, All Other	20,500	31,923	37,117	No	No	No	High school diploma or equivalent	No	No	No
39-3021	Motion Picture Projectionists	31,361	37,905	42,380	No	No	No	No formal educational credential	Yes	Yes	Yes
39-3031	Ushers, Lobby Attendants, and Ticket Takers	21,442	26,482	29,011	No	No	No	No formal educational credential	No	No	No
39-3091	Amusement and Recreation Attendants	21,442	26,533	29,235	No	No	No	No formal educational credential	No	No	No
39-3092	Costume Attendants	25,487	40,941	47,642	No	No	No	High school diploma or equivalent	No	No	No
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	25,011	33,822	37,502	No	No	No	High school diploma or equivalent	No	No	No
39-3099	Entertainment Attendants and Related Workers, All Other	22,954	28,572	28,621	No	No	No	High school diploma or equivalent	No	No	No
39-4011	Embalmers	32,199	46,016	51,555	No	No	No	Associate's degree	No	No	No
39-4012	Crematory Operators	30,632	39,038	46,657	No	No	No	High school diploma or equivalent	No	No	No
39-4021	Funeral Attendants	23,596	31,191	34,760	No	No	No	High school diploma or equivalent	No	No	No
39-4031	Morticians, Undertakers, and Funeral Arrangers	35,846	59,201	77,336	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
39-5011	Barbers	21,525	33,293	36,752	No	No	No	Postsecondary nondegree award	No	No	No
39-5012	Hairdressers, Hairstylists, and Cosmetologists	23,243	39,254	47,734	No	No	No	Postsecondary nondegree award	No	No	No
39-5091	Makeup Artists, Theatrical and Performance	37,126	43,138	38,260	Yes	No	No	Postsecondary nondegree award	Yes	No	No
39-5092	Manicurists and Pedicurists	22,581	34,627	36,497	No	No	No	Postsecondary nondegree award	No	No	No

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
39-5093	Shampooers	20,500	24,186	26,098	No	No	No	High school diploma or equivalent	No	No	No
39-5094	Skincare Specialists	23,705	47,818	58,047	No	No	No	Postsecondary nondegree award	No	Yes	Yes
39-6011	Baggage Porters and Bellhops	20,800	28,690	33,010	No	No	No	High school diploma or equivalent	No	No	No
39-6012	Concierges	26,775	35,743	39,050	No	No	No	High school diploma or equivalent	No	No	No
39-7010	Tour and Travel Guides	24,539	36,799	41,448	No	No	No	High school diploma or equivalent	No	No	No
39-9011	Childcare Workers	22,627	30,038	32,044	No	No	No	High school diploma or equivalent	No	No	No
39-9031	Exercise Trainers and Group Fitness Instructors	21,595	45,719	55,942	No	No	No	Postsecondary nondegree award	No	No	Yes
39-9032	Recreation Workers	21,561	32,114	37,093	No	No	No	Bachelor's degree	No	No	No
39-9041	Residential Advisors	27,198	40,954	48,630	No	No	No	Some college, no degree	No	No	Yes
39-9099	Personal Care and Service Workers, All Other	21,094	37,218	51,034	No	No	No	High school diploma or equivalent	No	No	No
41-1011	First-Line Supervisors of Retail Sales Workers	30,670	51,278	59,145	No	No	No	Some college, no degree	Yes	Yes	Yes
41-1012	First-Line Supervisors of Non-Retail Sales Workers	45,803	93,913	105,335	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-2011	Cashiers	22,434	27,459	29,144	No	No	No	No formal educational credential	No	No	No
41-2012	Gambling Change Persons and Booth Cashiers	20,924	32,800	33,982	No	No	No	No formal educational credential	No	No	No
41-2021	Counter and Rental Clerks	23,551	35,785	38,672	No	No	No	No formal educational credential	No	Yes	Yes
41-2022	Parts Salespersons	23,304	37,894	44,303	No	No	No	High school diploma or equivalent	No	No	No
41-2031	Retail Salespersons	22,866	33,507	35,174	No	No	No	High school diploma or equivalent	No	No	No
41-3011	Advertising Sales Agents	32,424	71,818	76,889	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-3021	Insurance Sales Agents	37,459	81,995	82,386	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-3031	Securities, Commodities, and Financial Services Sales Agents	39,338	76,109	76,482	Yes	Yes	Yes	Bachelor's degree	No	No	No
41-3041	Travel Agents	26,229	51,311	59,987	No	No	No	Some college, no degree	No	Yes	Yes
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	31,028	63,903	75,573	No	Yes	Yes	Bachelor's degree	No	No	No
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	42,927	104,973	134,426	Yes	Yes	Yes	Bachelor's degree	No	Yes	Yes
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	32,049	70,335	77,935	No	Yes	Yes	Some college, no degree	Yes	Yes	Yes
41-9011	Demonstrators and Product Promoters	20,800	35,353	38,577	No	No	No	No formal educational credential	No	Yes	Yes
41-9012	Models	21,663	32,208	34,633	No	No	No	High school diploma or equivalent	No	No	No
41-9021	Real Estate Brokers	33,715	91,681	128,577	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
41-9022	Real Estate Sales Agents	28,103	65,696	73,880	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
41-9031	Sales Engineers	58,905	122,304	136,600	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
41-9041	Telemarketers	25,011	37,747	33,412	No	No	No	High school diploma or equivalent	No	No	No
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	21,249	34,968	49,200	No	No	No	High school diploma or equivalent	No	No	No
41-9099	Sales and Related Workers, All Other	22,162	37,530	34,748	No	No	No	Some college, no degree	No	No	No
43-1011	First-Line Supervisors of Office and Administrative Support Workers	37,723	62,762	74,901	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-2011	Switchboard Operators, Including Answering Service	25,555	32,761	35,859	No	No	No	High school diploma or equivalent	No	No	No
43-2021	Telephone Operators	25,684	30,858	33,785	No	No	No	High school diploma or equivalent	No	No	No
43-2099	Communications Equipment Operators, All Other	22,895	48,480	56,858	No	No	No	High school diploma or equivalent	No	Yes	Yes
43-3011	Bill and Account Collectors	31,234	41,692	46,432	No	No	No	High school diploma or equivalent	Yes	No	No
43-3021	Billing and Posting Clerks	28,201	40,122	44,967	No	No	No	High school diploma or equivalent	No	No	No
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,914	45,699	52,000	No	No	No	Some college, no degree	Yes	Yes	Yes
43-3041	Gambling Cage Workers	21,870	31,588	37,580	No	No	No	High school diploma or equivalent	No	No	No
43-3051	Payroll and Timekeeping Clerks	36,562	44,949	49,044	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-3061	Procurement Clerks	21,392	38,704	46,389	No	No	No	Associate's degree	No	No	No
43-3071	Tellers	32,910	38,066	44,396	No	No	No	High school diploma or equivalent	Yes	No	No
43-3099	Financial Clerks, All Other	40,226	51,933	54,609	Yes	No	No	Some college, no degree	Yes	Yes	Yes
43-4011	Brokerage Clerks	37,306	55,706	62,400	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-4021	Correspondence Clerks	32,957	36,811	40,014	No	No	No	High school diploma or equivalent	Yes	No	No
43-4031	Court, Municipal, and License Clerks	31,350	42,501	46,647	No	No	No	Some college, no degree	Yes	No	Yes
43-4041	Credit Authorizers, Checkers, and Clerks	32,616	47,917	56,005	No	No	No	Some college, no degree	Yes	Yes	No
43-4051	Customer Service Representatives	28,251	38,314	42,214	No	No	No	High school diploma or equivalent	No	No	No
43-4061	Eligibility Interviewers, Government Programs	27,165	35,879	39,270	No	No	No	High school diploma or equivalent	No	No	No
43-4071	File Clerks	20,800	38,338	46,180	No	No	No	High school diploma or equivalent	No	No	No
43-4081	Hotel, Motel, and Resort Desk Clerks	24,138	30,809	33,618	No	No	No	High school diploma or equivalent	No	No	No
43-4111	Interviewers, Except Eligibility and Loan	30,458	39,288	42,778	No	No	No	High school diploma or equivalent	No	No	No
43-4121	Library Assistants, Clerical	23,481	35,885	38,232	No	No	No	Some college, no degree	No	No	No
43-4131	Loan Interviewers and Clerks	35,881	48,263	58,567	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-4141	New Accounts Clerks	28,088	41,816	43,507	No	No	No	High school diploma or equivalent	No	No	No
43-4151	Order Clerks	26,282	36,404	39,882	No	No	No	High school diploma or equivalent	No	No	No
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	32,328	43,823	47,619	No	No	No	Associate's degree	No	No	No
43-4171	Receptionists and Information Clerks	24,942	33,519	37,048	No	No	No	High school diploma or equivalent	No	No	No
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	28,556	44,148	52,318	No	No	No	High school diploma or equivalent	No	No	No
43-4199	Information and Record Clerks, All Other	28,763	40,608	47,752	No	No	No	High school diploma or equivalent	No	No	No
43-5011	Cargo and Freight Agents	33,070	50,468	57,640	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
43-5021	Couriers and Messengers	29,657	34,120	35,823	No	No	No	High school diploma or equivalent	No	No	No
43-5031	Public Safety Telecommunicators	38,553	47,073	50,961	Yes	No	No	High school diploma or equivalent	Yes	No	No
43-5032	Dispatchers, Except Police, Fire, and Ambulance	30,310	46,332	55,087	No	No	No	High school diploma or equivalent	No	No	Yes
43-5041	Meter Readers, Utilities	27,596	46,681	61,560	No	No	Yes	High school diploma or equivalent	No	No	Yes
43-5051	Postal Service Clerks	39,770	55,335	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5052	Postal Service Mail Carriers	39,645	55,745	71,344	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	38,584	55,002	68,307	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
43-5061	Production, Planning, and Expediting Clerks	31,091	50,272	58,942	No	No	No	Some college, no degree	Yes	Yes	Yes
43-5071	Shipping, Receiving, and Inventory Clerks	26,513	37,772	43,517	No	No	No	High school diploma or equivalent	No	No	No
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	29,100	39,218	42,793	No	No	No	High school diploma or equivalent	No	No	No
43-6011	Executive Secretaries and Executive Administrative Assistants	37,379	57,169	65,524	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
43-6012	Legal Secretaries and Administrative Assistants	32,498	46,130	49,359	No	No	No	Some college, no degree	Yes	Yes	Yes
43-6013	Medical Secretaries and Administrative Assistants	30,293	38,528	42,455	No	No	No	Some college, no degree	Yes	No	No

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	26,873	39,185	45,803	No	No	No	High school diploma or equivalent	No	No	No
43-9021	Data Entry Keyers	27,184	36,580	40,148	No	No	No	High school diploma or equivalent	No	No	No
43-9022	Word Processors and Typists	27,394	32,885	37,103	No	No	No	High school diploma or equivalent	No	No	No
43-9031	Desktop Publishers	26,421	52,875	69,885	No	No	Yes	Associate's degree	No	No	Yes
43-9041	Insurance Claims and Policy Processing Clerks	31,014	45,076	48,864	No	No	No	High school diploma or equivalent	Yes	No	No
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	23,308	33,411	39,129	No	No	No	High school diploma or equivalent	No	No	No
43-9061	Office Clerks, General	26,867	40,820	47,534	No	No	No	High school diploma or equivalent	No	No	No
43-9071	Office Machine Operators, Except Computer	22,422	34,230	40,306	No	No	No	High school diploma or equivalent	No	No	No
43-9081	Proofreaders and Copy Markers	28,067	34,913	35,522	No	No	No	Bachelor's degree	No	No	No
43-9111	Statistical Assistants	34,948	45,317	50,235	Yes	No	No	Bachelor's degree	No	No	No
43-9199	Office and Administrative Support Workers, All Other	29,120	43,139	46,215	No	No	No	Some college, no degree	Yes	Yes	No
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	33,020	59,427	74,854	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
45-2011	Agricultural Inspectors	27,040	32,205	31,595	No	No	No	Bachelor's degree	No	No	No
45-2021	Animal Breeders	26,660	36,712	38,831	No	No	No	High school diploma or equivalent	No	No	No
45-2041	Graders and Sorters, Agricultural Products	22,224	26,172	27,578	No	No	No	No formal educational credential	No	No	No
45-2091	Agricultural Equipment Operators	26,980	36,487	39,514	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	23,514	28,314	29,347	No	No	No	No formal educational credential	No	No	No
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	26,384	35,441	42,419	No	No	No	No formal educational credential	Yes	Yes	Yes
45-2099	Agricultural Workers, All Other	22,262	29,622	27,206	No	No	No	No formal educational credential	No	No	No
45-3031	Fishing and Hunting Workers	26,384	35,441	42,419	No	No	No	No formal educational credential	Yes	Yes	Yes
45-4011	Forest and Conservation Workers	32,258	41,650	49,141	No	No	No	Postsecondary nondegree award	Yes	No	No
45-4021	Fallers	38,585	45,839	51,841	Yes	No	No	High school diploma or equivalent	Yes	No	No
45-4022	Logging Equipment Operators	28,158	40,487	47,869	No	No	No	High school diploma or equivalent	No	No	No
45-4023	Log Graders and Scalers	21,998	25,930	26,975	No	No	No	High school diploma or equivalent	No	No	No
45-4029	Logging Workers, All Other										
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	45,668	68,841	78,275	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
47-2011	Boilermakers	20,500	46,174	56,177	No	No	No	High school diploma or equivalent	No	No	Yes
47-2021	Brickmasons and Blockmasons	31,200	45,202	51,668	No	No	No	High school diploma or equivalent	Yes	No	No
47-2022	Stonemasons	29,341	44,269	56,962	No	No	No	High school diploma or equivalent	No	No	Yes
47-2031	Carpenters	33,099	46,338	50,259	No	No	No	Postsecondary nondegree award	Yes	No	No
47-2041	Carpet Installers	35,647	44,738	48,939	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	35,411	44,364	52,898	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2043	Floor Sanders and Finishers	23,939	38,782	48,303	No	No	No	No formal educational credential	No	Yes	Yes
47-2044	Tile and Stone Setters	33,670	45,830	49,509	Yes	No	No	No formal educational credential	No	Yes	Yes
47-2051	Cement Masons and Concrete Finishers	30,815	43,975	49,313	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2053	Terrazzo Workers and Finishers	34,623	51,191	56,946	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2061	Construction Laborers	29,125	38,019	42,023	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2071	Paving, Surfacing, and Tamping Equipment Operators	31,087	41,605	45,571	No	No	No	High school diploma or equivalent	Yes	No	No
47-2072	Pile Driver Operators	37,969	47,128	48,607	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2073	Operating Engineers and Other Construction Equipment Operators	35,914	46,163	49,748	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2081	Drywall and Ceiling Tile Installers	26,499	39,465	48,914	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2082	Tapers	28,187	41,364	46,430	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2111	Electricians	36,762	50,156	56,976	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2121	Glaziers	30,712	43,636	48,501	No	No	No	High school diploma or equivalent	No	No	No
47-2131	Insulation Workers, Floor, Ceiling, and Wall	30,492	44,807	49,361	No	No	No	High school diploma or equivalent	No	No	No
47-2132	Insulation Workers, Mechanical	36,268	45,083	48,330	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2141	Painters, Construction and Maintenance	30,453	39,803	44,485	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2142	Paperhangers	29,222	36,446	43,887	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2151	Pipelayers	36,580	43,519	46,826	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-2152	Plumbers, Pipefitters, and Steamfitters	35,856	49,873	57,095	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
47-2161	Plasterers and Stucco Masons	27,931	41,475	47,774	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2171	Reinforcing Iron and Rebar Workers	39,602	52,326	59,468	Yes	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2181	Roofers	27,803	42,875	48,627	No	No	No	No formal educational credential	Yes	Yes	Yes
47-2211	Sheet Metal Workers	36,205	46,073	50,827	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-2221	Structural Iron and Steel Workers	31,751	50,605	57,036	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
47-2231	Solar Photovoltaic Installers	35,017	42,843	46,135	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20,800	33,686	37,024	No	No	No	No formal educational credential	No	Yes	Yes
47-3012	Helpers—Carpenters	29,120	33,549	35,461	No	No	No	No formal educational credential	Yes	Yes	No
47-3013	Helpers—Electricians	29,834	36,405	38,137	No	No	No	High school diploma or equivalent	No	No	No
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	28,799	32,834	34,247	No	No	No	No formal educational credential	Yes	No	No
47-3015	Helpers—Pipefitters, Plumbers, Pipefitters, and Steamfitters	30,238	35,760	38,300	No	No	No	High school diploma or equivalent	No	No	No
47-3016	Helpers—Roofers	21,907	33,416	36,086	No	No	No	No formal educational credential	No	Yes	Yes
47-3019	Helpers, Construction Trades, All Other	30,063	36,905	38,994	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4011	Construction and Building Inspectors	41,725	61,273	73,184	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4021	Elevator and Escalator Installers and Repairers	48,875	80,207	102,818	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
47-4031	Fence Erectors	29,158	41,963	47,503	No	No	No	No formal educational credential	Yes	Yes	Yes
47-4041	Hazardous Materials Removal Workers	31,605	42,641	49,470	No	No	No	High school diploma or equivalent	Yes	No	No
47-4051	Highway Maintenance Workers	28,079	39,861	49,356	No	No	No	High school diploma or equivalent	No	No	No
47-4061	Rail-Track Laying and Maintenance Equipment Operators	44,420	54,049	61,362	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30,129	46,972	54,719	No	No	No	High school diploma or equivalent	Yes	No	Yes
47-4090	Miscellaneous Construction and Related Workers	33,500	44,714	47,460	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5011	Derrick Operators, Oil and Gas	33,716	48,756	60,258	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5012	Rotary Drill Operators, Oil and Gas	40,349	53,211	55,605	Yes	No	No	No formal educational credential	Yes	Yes	Yes
47-5013	Service Unit Operators, Oil and Gas	36,791	53,516	61,539	Yes	No	Yes	No formal educational credential	Yes	Yes	Yes
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	34,328	47,231	52,030	Yes	No	No	High school diploma or equivalent	Yes	No	No
47-5023	Earth Drillers, Except Oil and Gas	39,794	50,695	50,960	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	52,393	69,847	80,501	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
47-5041	Continuous Mining Machine Operators	27,064	39,669	43,887	No	No	No	No formal educational credential	Yes	Yes	Yes

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
47-5043	Roof Bolters, Mining										
47-5044	Loading and Moving Machine Operators, Underground Mining	36,559	39,312	41,941	Yes	No	No	No formal educational credential	Yes	Yes	
47-5049	Underground Mining Machine Operators, All Other	35,333	40,004	44,361	Yes	No	No	No formal educational credential	Yes	Yes	
47-5051	Rock Splitters, Quarry	36,368	65,974	88,002	Yes	Yes	Yes	No formal educational credential	Yes	Yes	
47-5071	Roustabouts, Oil and Gas	33,716	48,756	60,258	Yes	No	No	No formal educational credential	Yes	Yes	
47-5081	Helpers-Extraction Workers	28,966	34,613	37,974	No	No	No	High school diploma or equivalent	No	No	
47-5099	Extraction Workers, All Other	27,399	44,183	43,188	No	No	No	High school diploma or equivalent	No	No	
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	43,510	65,346	77,334	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
49-2011	Computer, Automated Teller, and Office Machine Repairers	31,680	41,665	46,695	No	No	No	Postsecondary nondegree award	No	No	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	40,745	57,774	68,788	Yes	Yes	Yes	Associate's degree	Yes	No	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	32,383	54,977	70,052	No	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2091	Avionics Technicians	45,867	69,670	95,018	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-2092	Electric Motor, Power Tool, and Related Repairers	31,494	41,396	48,835	No	No	No	High school diploma or equivalent	Yes	No	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	47,506	53,602	59,336	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	38,131	51,760	54,409	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	39,364	75,347	97,502	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	31,032	42,837	47,610	No	No	No	Postsecondary nondegree award	No	No	
49-2097	Audiovisual Equipment Installers and Repairers	38,807	56,443	69,946	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-2098	Security and Fire Alarm Systems Installers	31,142	48,072	59,133	No	No	No	Postsecondary nondegree award	No	Yes	
49-3011	Aircraft Mechanics and Service Technicians	39,975	71,901	84,202	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-3021	Automotive Body and Related Repairers	35,498	51,181	51,673	Yes	No	No	Postsecondary nondegree award	Yes	No	
49-3022	Automotive Glass Installers and Repairers	33,046	45,602	54,019	No	No	No	High school diploma or equivalent	Yes	No	
49-3023	Automotive Service Technicians and Mechanics	29,380	48,242	60,428	No	No	No	Postsecondary nondegree award	No	Yes	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	38,393	55,548	62,388	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3041	Farm Equipment Mechanics and Service Technicians	29,813	44,975	47,745	No	No	No	High school diploma or equivalent	No	No	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	37,440	54,217	63,061	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-3043	Rail Car Repairers	36,910	52,994	58,927	Yes	No	No	High school diploma or equivalent	Yes	Yes	
49-3051	Motorboat Mechanics and Service Technicians	31,762	49,976	60,477	No	No	No	Postsecondary nondegree award	No	Yes	
49-3052	Motorcycle Mechanics	29,494	47,671	62,328	No	No	Yes	High school diploma or equivalent	No	Yes	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	28,889	41,833	48,096	No	No	No	High school diploma or equivalent	No	No	
49-3091	Bicycle Repairers	32,353	39,952	43,296	No	No	No	High school diploma or equivalent	Yes	No	
49-3092	Recreational Vehicle Service Technicians	31,755	49,865	60,934	No	No	Yes	High school diploma or equivalent	Yes	Yes	
49-3093	Tire Repairers and Changers	27,994	34,801	37,386	No	No	No	High school diploma or equivalent	No	No	
49-9011	Mechanical Door Repairers	30,451	49,169	60,350	No	No	No	High school diploma or equivalent	No	Yes	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	30,390	49,092	56,268	No	No	No	Postsecondary nondegree award	No	Yes	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	31,680	50,174	60,250	No	No	No	Postsecondary nondegree award	No	Yes	
49-9031	Home Appliance Repairers	27,546	42,349	51,047	No	No	No	Postsecondary nondegree award	No	No	
49-9041	Industrial Machinery Mechanics	38,091	54,871	62,238	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9043	Maintenance Workers, Machinery	31,165	49,273	56,651	No	No	No	High school diploma or equivalent	Yes	Yes	
49-9044	Millwrights	39,800	50,669	60,110	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9045	Refractory Materials Repairers, Except Brickmasons	25,783	34,170	37,570	No	No	No	High school diploma or equivalent	No	No	
49-9051	Electrical Power-Line Installers and Repairers	37,423	73,657	96,520	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	
49-9052	Telecommunications Line Installers and Repairers	33,618	49,842	59,142	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9061	Camera and Photographic Equipment Repairers	39,669	52,718	58,809	Yes	No	No	Associate's degree	No	No	
49-9062	Medical Equipment Repairers	36,242	47,421	49,291	Yes	No	No	Associate's degree	No	No	
49-9063	Musical Instrument Repairers and Tuners	28,118	41,394	50,786	No	No	No	High school diploma or equivalent	No	No	
49-9064	Watch and Clock Repairers	24,413	29,045	28,335	No	No	No	High school diploma or equivalent	No	No	
49-9069	Precision Instrument and Equipment Repairers, All Other	39,985	56,877	65,087	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9071	Maintenance and Repair Workers, General	28,199	42,331	48,599	No	No	No	High school diploma or equivalent	No	No	
49-9081	Wind Turbine Service Technicians	47,603	67,137	77,830	Yes	Yes	Yes	Associate's degree	Yes	Yes	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	27,485	38,844	47,673	No	No	No	High school diploma or equivalent	No	No	
49-9092	Commercial Divers	38,979	52,501	56,237	Yes	No	No	Postsecondary nondegree award	Yes	Yes	
49-9094	Locksmiths and Safe Repairers	31,072	43,394	46,660	No	No	No	High school diploma or equivalent	Yes	No	
49-9095	Manufactured Building and Mobile Home Installers	21,545	30,464	38,546	No	No	No	High school diploma or equivalent	No	No	
49-9096	Riggers	39,961	56,260	64,094	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9097	Signal and Track Switch Repairers	46,588	62,426	70,488	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	
49-9098	Helpers-Installation, Maintenance, and Repair Workers	29,316	35,429	38,730	No	No	No	High school diploma or equivalent	Yes	No	
49-9099	Installation, Maintenance, and Repair Workers, All Other	29,092	40,310	45,733	No	No	No	High school diploma or equivalent	No	No	
51-1011	First-Line Supervisors of Production and Operating Workers	39,123	66,066	81,689	Yes	Yes	Yes	Some college, no degree	Yes	Yes	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	32,593	46,391	55,044	No	No	No	Postsecondary nondegree award	Yes	Yes	
51-2021	Coil Winders, Tapers, and Finishers	32,760	44,863	47,800	No	No	No	High school diploma or equivalent	Yes	No	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	23,716	35,950	39,262	No	No	No	High school diploma or equivalent	No	No	
51-2031	Engine and Other Machine Assemblers	33,184	42,843	47,564	No	No	No	High school diploma or equivalent	Yes	No	
51-2041	Structural Metal Fabricators and Fitters	30,136	39,828	46,945	No	No	No	High school diploma or equivalent	No	No	
51-2051	Fiberglass Laminators and Fabricators	28,612	36,996	37,386	No	No	No	High school diploma or equivalent	No	No	
51-2061	Timing Device Assemblers and Adjusters										
51-2090	Miscellaneous Assemblers and Fabricators	28,710	36,027	38,361	No	No	No	High school diploma or equivalent	No	No	
51-3011	Bakers	24,898	32,551	37,398	No	No	No	High school diploma or equivalent	No	No	
51-3021	Butchers and Meat Cutters	29,616	40,867	45,141	No	No	No	No formal educational credential	Yes	Yes	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	25,492	35,816	41,661	No	No	No	No formal educational credential	Yes	Yes	
51-3023	Slaughterers and Meat Packers	26,236	27,586	28,631	No	No	No	No formal educational credential	Yes	No	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	24,758	32,191	35,844	No	No	No	No formal educational credential	Yes	No	
51-3092	Food Batchmakers	22,820	31,121	34,646	No	No	No	High school diploma or equivalent	No	No	
51-3093	Food Cooking Machine Operators and Tenders	30,458	36,391	35,561	No	No	No	High school diploma or equivalent	No	No	
51-3099	Food Processing Workers, All Other	26,747	32,239	36,095	No	No	No	No formal educational credential	Yes	No	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	32,886	41,557	50,945	No	No	No	High school diploma or equivalent	Yes	No	

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	29,912	39,512	45,129	No	No	No	High school diploma or equivalent	No	No	No
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	30,237	41,325	44,636	No	No	No	High school diploma or equivalent	No	No	No
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	26,522	37,319	44,162	No	No	No	High school diploma or equivalent	No	No	No
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,725	55,468	82,404	No	Yes	Yes	High school diploma or equivalent	No	Yes	Yes
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	25,605	33,628	35,825	No	No	No	High school diploma or equivalent	No	No	No
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	27,537	38,378	47,150	No	No	No	High school diploma or equivalent	No	No	No
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30,674	38,707	39,008	No	No	No	Postsecondary nondegree award	No	No	No
51-4041	Machinists	31,676	49,915	60,569	No	No	No	Postsecondary nondegree award	No	Yes	Yes
51-4051	Metal-Refining Furnace Operators and Tenders	38,595	49,210	50,126	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
51-4052	Pourers and Casters, Metal	29,419	45,997	55,783	No	No	No	High school diploma or equivalent	No	No	Yes
51-4061	Model Makers, Metal and Plastic	32,583	51,319	59,726	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-4062	Patternmakers, Metal and Plastic	26,620	49,801	76,953	No	No	Yes	Postsecondary nondegree award	No	Yes	Yes
51-4071	Foundry Mold and Coremakers	22,944	39,630	54,187	No	No	No	High school diploma or equivalent	No	No	Yes
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	30,464	39,537	43,411	No	No	No	High school diploma or equivalent	No	No	No
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29,312	40,906	48,509	No	No	No	High school diploma or equivalent	No	No	No
51-4111	Tool and Die Makers	41,400	61,092	65,883	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-4121	Welders, Cutters, Solderers, and Brazers	35,112	50,455	59,913	Yes	No	No	Postsecondary nondegree award	Yes	Yes	Yes
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	27,489	40,325	41,133	No	No	No	Postsecondary nondegree award	No	No	No
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	24,600	40,192	46,716	No	No	No	High school diploma or equivalent	No	No	No
51-4192	Layout Workers, Metal and Plastic	33,470	47,091	51,890	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	29,656	39,679	44,223	No	No	No	High school diploma or equivalent	No	No	No
51-4194	Tool Grinders, Filers, and Sharpeners	27,143	36,318	38,339	No	No	No	High school diploma or equivalent	No	No	No
51-4199	Metal Workers and Plastic Workers, All Other	30,737	42,110	49,336	No	No	No	High school diploma or equivalent	No	No	No
51-5111	Prepress Technicians and Workers	31,312	44,479	48,608	No	No	No	Postsecondary nondegree award	No	No	No
51-5112	Printing Press Operators	27,520	39,046	45,248	No	No	No	High school diploma or equivalent	No	No	No
51-5113	Print Binding and Finishing Workers	23,267	37,600	45,878	No	No	No	High school diploma or equivalent	No	No	No
51-6011	Laundry and Dry-Cleaning Workers	22,314	27,544	29,977	No	No	No	No formal educational credential	No	No	No
51-6021	Pressers, Textile, Garment, and Related Materials	27,040	29,482	29,201	No	No	No	No formal educational credential	Yes	No	No
51-6031	Sewing Machine Operators	21,010	30,348	34,735	No	No	No	No formal educational credential	No	No	No
51-6041	Shoe and Leather Workers and Repairers	23,220	32,504	36,693	No	No	No	High school diploma or equivalent	No	No	No
51-6042	Shoe Machine Operators and Tenders										
51-6051	Sewers, Hand	21,732	29,370	29,942	No	No	No	No formal educational credential	No	No	No
51-6052	Tailors, Dressmakers, and Custom Sewers	22,050	36,365	39,806	No	No	No	No formal educational credential	No	Yes	Yes
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	22,747	27,241	27,842	No	No	No	High school diploma or equivalent	No	No	No
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	27,350	32,701	35,885	No	No	No	High school diploma or equivalent	No	No	No
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	27,202	31,282	34,061	No	No	No	High school diploma or equivalent	No	No	No
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	22,934	33,105	37,629	No	No	No	High school diploma or equivalent	No	No	No
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	33,302	58,021	82,522	No	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-6092	Fabric and Apparel Patternmakers	26,620	49,801	76,953	No	No	Yes	High school diploma or equivalent	No	Yes	Yes
51-6093	Upholsterers	28,296	37,590	44,720	No	No	No	High school diploma or equivalent	No	No	No
51-6099	Textile, Apparel, and Furnishings Workers, All Other	28,645	38,158	40,603	No	No	No	High school diploma or equivalent	No	No	No
51-7011	Cabinetmakers and Bench Carpenters	31,797	44,498	50,713	No	No	No	High school diploma or equivalent	Yes	No	No
51-7021	Furniture Finishers	35,282	47,257	55,057	Yes	No	No	High school diploma or equivalent	Yes	No	Yes
51-7031	Model Makers, Wood										
51-7032	Patternmakers, Wood										
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	28,514	35,759	38,062	No	No	No	High school diploma or equivalent	No	No	No
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	24,626	30,146	33,319	No	No	No	High school diploma or equivalent	No	No	No
51-7099	Woodworkers, All Other	27,143	32,139	32,484	No	No	No	High school diploma or equivalent	No	No	No
51-8011	Nuclear Power Reactor Operators	47,849	75,495	95,581	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8012	Power Distributors and Dispatchers	52,896	87,479	102,223	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8013	Power Plant Operators	48,340	79,328	97,058	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8021	Stationary Engineers and Boiler Operators	47,544	62,091	67,137	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8031	Water and Wastewater Treatment Plant and System Operators	35,177	52,754	61,263	Yes	No	Yes	Postsecondary nondegree award	Yes	Yes	Yes
51-8091	Chemical Plant and System Operators	41,236	61,086	66,132	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
51-8092	Gas Plant Operators	34,071	51,368	62,111	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	47,780	62,012	78,136	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-8099	Plant and System Operators, All Other	43,964	56,400	55,434	Yes	Yes	No	Postsecondary nondegree award	Yes	Yes	Yes
51-9011	Chemical Equipment Operators and Tenders	29,078	44,057	56,600	No	No	No	High school diploma or equivalent	No	No	Yes
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	26,149	41,560	48,299	No	No	No	High school diploma or equivalent	No	No	No
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	26,118	36,236	44,055	No	No	No	High school diploma or equivalent	No	No	No
51-9022	Grinding and Polishing Workers, Hand	31,794	35,200	39,560	No	No	No	No formal educational credential	Yes	Yes	Yes
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	28,577	36,327	40,084	No	No	No	High school diploma or equivalent	No	No	No
51-9031	Cutters and Trimmers, Hand	21,633	35,145	39,482	No	No	No	No formal educational credential	No	Yes	Yes
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	29,540	41,169	52,485	No	No	No	High school diploma or equivalent	No	No	No
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	27,320	37,668	44,528	No	No	No	High school diploma or equivalent	No	No	No
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30,227	38,713	43,454	No	No	No	High school diploma or equivalent	No	No	No
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	28,080	44,911	50,568	No	No	No	Postsecondary nondegree award	No	No	No
51-9071	Jewelers and Precious Stone and Metal Workers	35,727	53,069	60,896	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
51-9081	Dental Laboratory Technicians	31,604	53,373	57,485	No	No	No	Postsecondary nondegree award	No	Yes	Yes

Wages - Workforce Region 24

May 2022		Annual Wages (\$) by Occupation			Wage Meets or Exceeds All Occupation Metric			Educational Requirement	Wage Meets or Exceeds Educational Level Metric		
Occupational Code	Occupational Title	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold		Representative Starting Wage	Average Annual Wage	High-Level Wage Threshold
51-9082	Medical Appliance Technicians	31,701	46,104	60,694	No	No	No	Postsecondary nondegree award	No	No	Yes
51-9083	Ophthalmic Laboratory Technicians	28,039	33,894	35,559	No	No	No	High school diploma or equivalent	No	No	No
51-9111	Packaging and Filling Machine Operators and Tenders	23,938	35,139	37,845	No	No	No	High school diploma or equivalent	No	No	No
51-9123	Painting, Coating, and Decorating Workers	23,406	32,819	38,079	No	No	No	High school diploma or equivalent	No	No	No
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	31,768	47,480	58,430	No	No	No	High school diploma or equivalent	Yes	Yes	Yes
51-9141	Semiconductor Processing Technicians	37,531	47,229	50,087	Yes	No	No	High school diploma or equivalent	Yes	No	No
51-9151	Photographic Process Workers and Processing Machine Operators	23,072	34,889	37,570	No	No	No	High school diploma or equivalent	No	No	No
51-9161	Computer Numerically Controlled Tool Operators	31,489	45,814	51,927	No	No	No	Postsecondary nondegree award	No	No	No
51-9162	Computer Numerically Controlled Tool Programmers	37,136	67,602	83,986	Yes	Yes	Yes	Associate's degree	No	Yes	Yes
51-9191	Adhesive Bonding Machine Operators and Tenders	22,934	33,105	37,629	No	No	No	High school diploma or equivalent	No	No	No
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	25,684	35,540	46,588	No	No	No	High school diploma or equivalent	No	No	No
51-9193	Cooling and Freezing Equipment Operators and Tenders	27,212	45,100	48,037	No	No	No	High school diploma or equivalent	No	No	No
51-9194	Etchers and Engravers	31,200	36,320	42,575	No	No	No	High school diploma or equivalent	Yes	No	No
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	28,901	40,156	45,108	No	No	No	High school diploma or equivalent	No	No	No
51-9196	Paper Goods Machine Setters, Operators, and Tenders	28,759	43,838	51,644	No	No	No	High school diploma or equivalent	No	No	No
51-9197	Tire Builders	28,621	37,038	40,024	No	No	No	High school diploma or equivalent	No	No	No
51-9198	Helpers—Production Workers	23,681	34,013	37,623	No	No	No	High school diploma or equivalent	No	No	No
51-9199	Production Workers, All Other	25,798	37,361	41,692	No	No	No	High school diploma or equivalent	No	No	No
53-1041	Aircraft Cargo Handling Supervisors	38,369	51,597	61,552	Yes	No	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	35,812	57,741	67,778	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2011	Aircraft Cargo Handling Supervisors	77,788	217,907	212,521	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
53-2011	Airline Pilots, Copilots, and Flight Engineers	77,788	217,907	212,521	Yes	Yes	Yes	Bachelor's degree	Yes	Yes	Yes
53-2012	Commercial Pilots	44,350	126,810	170,313	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-2021	Air Traffic Controllers	70,512	100,901	109,928	Yes	Yes	Yes	Associate's degree	Yes	Yes	Yes
53-2022	Airfield Operations Specialists	78,806	124,537	154,981	Yes	Yes	Yes	Some college, no degree	Yes	Yes	Yes
53-2031	Flight Attendants	34,702	68,280	77,968	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	25,378	30,218	32,080	No	No	No	High school diploma or equivalent	No	No	No
53-3031	Driver/Sales Workers	21,130	35,371	42,592	No	No	No	High school diploma or equivalent	No	No	No
53-3032	Heavy and Tractor-Trailer Truck Drivers	33,547	46,483	50,502	Yes	No	No	Postsecondary nondegree award	Yes	Yes	No
53-3033	Light Truck Drivers	27,030	42,892	47,574	No	No	No	High school diploma or equivalent	No	No	No
53-3051	Bus Drivers, School	32,774	38,021	37,858	No	No	No	High school diploma or equivalent	Yes	No	No
53-3052	Bus Drivers, Transit and Intercity	36,436	43,739	45,949	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-3053	Shuttle Drivers and Chauffeurs	25,393	36,127	36,207	No	No	No	High school diploma or equivalent	No	No	No
53-3054	Taxi Drivers	20,569	31,233	31,479	No	No	No	No formal educational credential	No	No	No
53-3099	Motor Vehicle Operators, All Other	21,883	30,886	34,644	No	No	No	High school diploma or equivalent	No	No	No
53-4011	Locomotive Engineers	55,773	67,748	73,188	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	31,735	53,201	51,250	No	No	No	High school diploma or equivalent	Yes	Yes	No
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Fiers	38,565	58,316	60,997	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4031	Railroad Conductors and Yardmasters	62,456	70,498	73,238	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-4041	Subway and Streetcar Operators	28,798	41,157	51,693	No	No	No	High school diploma or equivalent	No	No	No
53-4099	Rail Transportation Workers, All Other	40,665	41,345	40,674	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-5011	Sailors and Marine Oilers	28,700	44,883	49,515	No	No	No	High school diploma or equivalent	No	No	No
53-5021	Captains, Mates, and Pilots of Water Vessels	30,896	62,775	78,505	No	Yes	Yes	Postsecondary nondegree award	No	Yes	Yes
53-5022	Motorboat Operators	32,524	47,748	53,242	No	No	No	Postsecondary nondegree award	Yes	Yes	No
53-5031	Ship Engineers	71,523	96,872	107,812	Yes	Yes	Yes	Postsecondary nondegree award	Yes	Yes	Yes
53-6011	Bridge and Lock Tenders	24,307	37,975	53,248	No	No	No	High school diploma or equivalent	No	No	No
53-6021	Parking Attendants	21,235	27,936	29,652	No	No	No	No formal educational credential	No	No	No
53-6031	Automotive and Watercraft Service Attendants	27,706	33,823	38,471	No	No	No	No formal educational credential	Yes	Yes	Yes
53-6032	Aircraft Service Attendants	29,638	37,249	40,718	No	No	No	High school diploma or equivalent	No	No	No
53-6041	Traffic Technicians	37,940	57,541	65,486	Yes	Yes	Yes	Associate's degree	No	No	No
53-6051	Transportation Inspectors	40,262	83,318	113,235	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	Yes
53-6061	Passenger Attendants	21,293	27,048	35,081	No	No	No	High school diploma or equivalent	No	No	No
53-6099	Transportation Workers, All Other	25,552	32,585	36,382	No	No	No	High school diploma or equivalent	No	No	No
53-7011	Conveyor Operators and Tenders	30,762	33,967	33,716	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7021	Crane and Tower Operators	41,266	68,153	81,183	Yes	Yes	Yes	High school diploma or equivalent	Yes	Yes	No
53-7031	Dredge Operators	35,195	46,647	48,579	Yes	No	No	High school diploma or equivalent	Yes	No	No
53-7041	Hoist and Winch Operators	31,794	49,821	51,053	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7051	Industrial Truck and Tractor Operators	29,672	40,588	44,337	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7061	Cleaners of Vehicles and Equipment	22,611	31,195	34,785	No	No	No	No formal educational credential	No	No	No
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	26,064	35,011	38,616	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7063	Machine Feeders and Offbearers	23,459	31,335	37,104	No	No	No	No formal educational credential	No	No	No
53-7064	Packers and Packagers, Hand	23,356	27,160	27,117	No	No	No	No formal educational credential	No	No	No
53-7065	Stockers and Order Fillers	24,829	32,897	36,495	No	No	No	High school diploma or equivalent	No	No	No
53-7071	Gas Compressor and Gas Pumping Station Operators	32,063	37,276	36,950	No	No	No	High school diploma or equivalent	Yes	No	No
53-7072	Pump Operators, Except Wellhead Pumps	36,236	48,562	53,918	Yes	No	No	High school diploma or equivalent	Yes	Yes	No
53-7073	Wellhead Pumps	30,257	36,092	33,529	No	No	No	High school diploma or equivalent	No	No	No
53-7081	Refuse and Recyclable Material Collectors	28,555	43,300	48,590	No	No	No	No formal educational credential	Yes	Yes	Yes
53-7121	Tank Car, Truck, and Ship Loaders	42,734	59,558	60,475	Yes	Yes	No	No formal educational credential	Yes	Yes	Yes
53-7199	Material Moving Workers, All Other	28,600	37,353	39,781	No	No	No	No formal educational credential	Yes	Yes	Yes

\* indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year.

Summary - Workforce Region 24

Wage Metrics	Representative Starting Wage (\$)	Average Annual Wage (\$)	High-Level Wage Threshold (\$)	Number of SOCs by Educational Requirement
All Occupations	33,403	54,026	60,810	825
No formal educational credential	24,524	33,004	35,904	85
High school diploma or equivalent	30,851	47,383	54,048	233
Some college, no degree	28,526	42,868	47,797	49
Postsecondary nondegree award	31,872	46,379	53,749	90
Associate's degree	39,809	58,138	65,835	68
Bachelor's degree	47,037	90,331	103,871	184
Master's degree	57,710	93,313	105,746	43
Doctoral or professional degree	72,573	159,516	160,317	73

Wage Summary	Representative Starting Wage		Average Annual Wage		High-Level Wage Threshold	
	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric	Does Not Meet Metric	Meets Metric
All Occupations	496	329	498	327	478	347
No formal educational credential	43.53%	56.47%	38.82%	61.18%	38.82%	61.18%
High school diploma or equivalent	67.81%	32.19%	81.55%	18.45%	78.54%	21.46%
Some college, no degree	26.53%	73.47%	28.57%	71.43%	26.53%	73.47%
Postsecondary nondegree award	46.67%	53.33%	30.00%	70.00%	30.00%	70.00%
Associate's degree	69.12%	30.88%	45.59%	54.41%	41.18%	58.82%
Bachelor's degree	60.87%	39.13%	66.85%	33.15%	64.67%	35.33%
Master's degree	72.09%	27.91%	67.44%	32.56%	69.77%	30.23%
Doctoral or professional degree	76.71%	23.29%	69.86%	30.14%	61.64%	38.36%