

# 2014-15 High Demand Occupations Requiring a Bachelor's Degree

## Wage Criteria Indexed by 2013 Q2 Employment Cost Index (Attachment D)

Sorted by Occupational Title

Workforce Estimating Conference Selection Criteria:

- 1 FLDOE Training Code 5 (Bachelor's Degree)
- 2 50 annual openings and average growth rate of 1.55% or 150 annual openings with any positive growth
- 3 Mean Wage of \$24.86/hour (\$51,713/year) and Entry Wage of \$17.41/hour (\$36,204/year)  
Note: The mean wage of \$24.44 and the entry wage of \$17.11, adopted as criteria in 2012, were indexed to Second Quarter 2013 with the Employment Cost Index.

SOC Code†	Occupational Title†	Annual Percent Growth	Annual Openings	2013 Hourly Wage		FLDOE Training Code	In EFI Targeted Industry?	STEM Occupation?
				Mean	Entry			
132011	Accountants and Auditors	1.80	3,297	32.27	20.01	5	Yes	Yes
112011	Advertising and Promotions Managers	1.59	51	47.93	26.97	5	Yes	No
172031	Biomedical Engineers	6.57	72	37.94	24.02	5	Yes	Yes
132031	Budget Analysts	1.74	100	31.22	21.55	5	No	No
251011	Business Teachers, Postsecondary	2.22	213	53.98	28.27	5	No	No
111011	<b>Chief Executives**</b>	0.73	561	95.37	51.50	5	Yes	No
172051	Civil Engineers	2.24	602	40.63	27.12	5	Yes	Yes
113021	<b>Computer and Information Systems Managers**</b>	1.79	289	63.93	43.17	5	Yes	Yes
251021	Computer Science Teachers, Postsecondary	2.06	81	52.57	28.93	5	No	Yes
291031	Dietitians and Nutritionists	1.52	190	27.74	18.15	5	Yes	Yes
119032	<b>Education Administrators, Elementary and Secondary**</b>	1.51	226	43.61	32.45	5	No	No
119033	<b>Education Administrators, Postsecondary**</b>	2.12	78	52.79	36.13	5	No	No
172071	Electrical Engineers	1.40	283	41.96	28.33	5	Yes	Yes
252021	Elementary School Teachers, Except Special Education	2.25	3,041	30.28	22.73	5	No	No
119041	<b>Engineering Managers**</b>	2.07	280	57.41	38.14	5	Yes	Yes
172081	Environmental Engineers	1.89	106	34.42	19.45	5	Yes	Yes
192041	Environmental Scientists & Specialists, Including Health	1.17	238	26.35	17.53	5	Yes	Yes
132051	Financial Analysts	2.05	383	35.31	23.49	5	Yes	Yes
113031	<b>Financial Managers**</b>	1.13	536	60.98	35.52	5	Yes	Yes
172111	Health and Safety Engineers, Except Mining	1.97	54	33.57	23.01	5	Yes	Yes
113121	Human Resources Managers	1.64	146	51.32	33.09	5	Yes	No
172112	Industrial Engineers	0.99	320	34.09	20.92	5	Yes	Yes
252012	Kindergarten Teachers, Except Special Education	2.30	496	29.52	21.40	5	No	No
131081	Logisticians	3.52	224	33.51	22.09	5	Yes	Yes
131111	<b>Management Analysts**</b>	2.37	1,899	37.27	19.79	5	Yes	No
112021	Marketing Managers	1.83	294	56.08	30.28	5	Yes	No
172141	Mechanical Engineers	1.28	305	38.84	23.54	5	Yes	Yes
119111	<b>Medical and Health Services Managers**</b>	2.30	495	51.05	32.11	5	Yes	No
252022	Middle School Teachers, Exc. Special & Voc. Education	2.25	1,299	30.34	23.47	5	No	No
119121	Natural Sciences Managers	1.69	70	53.17	33.77	5	Yes	Yes
132052	Personal Financial Advisors	2.85	608	39.73	17.68	5	Yes	No
291071	Physician Assistants	3.13	203	46.88	35.12	5	Yes	Yes
272012	Producers and Directors	1.18	240	33.53	18.75	5	Yes	No
273031	Public Relations Specialists	1.92	498	29.12	17.46	5	Yes	No
291141	<b>Registered Nurses*</b>	2.45	7,100	30.28	23.76	4/5	Yes	Yes
112022	Sales Managers	1.34	620	62.49	32.60	5	Yes	No
252031	Secondary School Teachers, Exc. Special and Voc. Ed.	1.24	1,576	31.63	23.96	5	No	No
413031	Securities and Financial Services Sales Agents	1.18	805	43.74	18.16	5	Yes	No
151133	Software Developers, Systems Software	2.95	517	44.83	30.97	5	Yes	Yes
252052	Special Education Teachers, Kindergarten and Elementary School	2.60	490	31.08	23.49	5	No	No
252053	Special Education Teachers, Middle School	2.61	204	31.31	23.15	5	No	No
252051	Special Education Teachers, Preschool	2.58	77	31.68	23.72	5	No	No
252054	Special Education Teachers, Secondary School	1.25	154	31.59	23.78	5	No	No
273042	Technical Writers	1.95	78	29.54	20.63	5	Yes	No

Source: Florida Department of Economic Opportunity, Bureau of Labor Market Statistics

Workforce Estimating Conference, September 6, 2013

# 2014-15 High Demand Occupations Requiring a Bachelor's Degree Wage Criteria Indexed by 2013 Q2 Employment Cost Index (Attachment D)

Sorted by Occupational Title

Workforce Estimating Conference Selection Criteria:

- 1 FLDOE Training Code 5 (Bachelor's Degree)
- 2 50 annual openings and average growth rate of 1.55% or 150 annual openings with any positive growth
- 3 Mean Wage of \$24.86/hour (\$51,713/year) and Entry Wage of \$17.41/hour (\$36,204/year)  
Note: The mean wage of \$24.44 and the entry wage of \$17.11, adopted as criteria in 2012, were indexed to Second Quarter 2013 with the Employment Cost Index.

SOC Code†	Occupational Title†	Annual Percent Growth	Annual Openings	2013 Hourly Wage		FLDOE Training Code	In EFI Targeted Industry?	STEM Occupation?
				Mean	Entry			
193051	Urban and Regional Planners	2.02	93	31.80	22.56	5	Yes	No
252032	<b>Vocational Education Teachers, Secondary School**</b>	0.50	176	32.23	20.67	5	No	No

†SOC Code and Occupational Title refer to Standard Occupational Classification codes and titles.

\* Entrance into the occupation can be obtained with either an associate's degree or a bachelor's degree. Due to the strong labor market demand for registered nurses, this occupation is being recommended for targeting by both the workforce system ( 2 years or less programs) and by the four year degree institutions as well.

\*\* Entrance into the occupation is typically obtained with a bachelor's degree accompanied by relevant work experience.

**Occupations Added to the List of 2014-15 High Demand  
Occupations Requiring a Bachelor's Degree (Attachment E)  
Wage Criteria Indexed by 2013 Q2 Employment Cost Index  
Sorted by Occupational Title**

Workforce Estimating Conference Selection Criteria:

- 1 FLDOE Training Code 5 (Bachelor's Degree)
- 2 50 annual openings and average growth rate of 1.55% or  
150 annual openings with any positive growth
- 3 Mean Wage of \$24.86/hour (\$51,713/year) and Entry Wage of \$17.41/hour (\$36,204/year)

SOC Code†	Occupational Title†	Annual Percent Growth	Annual Openings	2013 Hourly Wage		FLDOE Training Code	Reason Added*
				Mean	Entry		
172111	Health and Safety Engineers, Except Mining	1.97	54	33.57	23.01	5	O
119121	Natural Sciences Managers	1.69	70	53.17	33.77	5	O
252052	Special Education Teachers, Kindergarten and Elementary School	2.60	490	31.08	23.49	5	SOC 2010
252051	Special Education Teachers, Preschool	2.58	77	31.68	23.72	5	SOC 2010
252054	Special Education Teachers, Secondary School	1.25	154	31.59	23.78	5	G, O
273042	Technical Writers	1.95	78	29.54	20.63	5	G

†SOC Code and Occupational Title refer to Standard Occupational Classification codes and titles.

\*G = Annual Percent Growth, O = Annual Openings.

\*SOC 2010 = New occupation in 2010 Standard Occupation Classification system.

**Occupations Dropped from the List of 2013-14  
High Demand Occupations Requiring a Bachelor's Degree  
Wage Criteria Indexed by 2013 Q2 Employment Cost Index (Attachment F)  
Sorted by Occupational Title**

Workforce Estimating Conference Selection Criteria:

- 1 FLDOE Training Code 5 (Bachelor's Degree)
- 2 50 annual openings and average growth rate of 1.55% or  
150 annual openings with any positive growth
- 3 Mean Wage of \$24.86/hour (\$51,713/year) and Entry Wage of \$17.41/hour (\$36,204/year)

SOC Code†	Occupational Title†	Annual Percent Growth	Annual Openings	2013 Hourly Wage		FLDOE Training Code	Reason Dropped*
				Mean	Entry		
112031	Public Relations Managers	1.47	73	52.98	32.70	5	G, O
252041	Special Education Teachers, Preschool - Elementary	NA	NA	NA	NA	5	SOC 2010

†SOC Code and Occupational Title refer to Standard Occupational Classification codes and titles.

\*G = Annual Percent Growth, O = Annual Openings.

\*SOC 2010 = Dropped from 2010 Standard Occupation Classification system.