

**MEDICAID FEDERAL SHARE OF MATCHING FUNDS**  
**revised by EDR based on FFIS Estimated FMAP for FFY 2020**

November 19, 2018

Effective State Budget Year	State			Federal		
	State FMAP adopted August 2018	State FY real time FMAP blend	Difference in state FMAP	FFY FMAP	FFY Enhanced FMAP	Status of underlying Federal percentage calculation
<i>FY2017-18</i>	<i>0.6162</i>	<i>0.6162</i>	<i>0.0000</i>	<i>0.6179</i>	<i>0.9625</i>	<i>Confirmed</i>
<i>FY2018-19</i>	<i>0.6110</i>	<i>0.6110</i>	<i>0.0000</i>	<i>0.6087</i>	<i>0.9561</i>	<i>Confirmed</i>
FY2019-20	0.6084	0.6132	0.0048	0.6147	0.8453	Preliminary
FY2020-21	0.6112	0.6157	0.0045	0.6160	0.7312	Estimated
FY2021-22	0.6154	0.6171	0.0017	0.6175	0.7323	Estimated
FY2022-23	0.6208	0.6188	-0.0020	0.6192	0.7334	Estimated
FY2023-24	0.6265	0.6211	-0.0054	0.6217	0.7352	Estimated

1. The federal fiscal year percentages used in calculating the estimated federal share of Medicaid matching funds as budgeted by state fiscal year are subject to future revision depending on changes to the forecasts of Florida and U.S. personal income and population. The personal income and population figures used in this forecast are based on the National and Florida economic forecasts and the Florida demographic forecast as adopted in November 2018.

2. The State FY real time FMAP blend aligns the FFY (October-September) FMAP to the State Budget Year (July-June);  $.25 * (\text{FMAP from Q4 of the prior FFY}) + .75 * (\text{FMAP from Q1-Q3 of the current FFY})$ .

3. The FMAP as shown is the FMAP resulting from the source data, confirmed when data available, otherwise estimated.

4. The Enhanced FMAP is the matching rate used for the Title XXI funded Child Health insurance Program, Florida's KidCare program. The add-on to the Enhanced FMAP is time-limited per the ACA (October 1, 2015 through September 30, 2019) and H.R. 195 - 115th Congress: Extension of Continuing Appropriations Act, 2018 (October 1, 2019 through September 30, 2020).

*Note: Italicized text reflects historical FMAP figures. Unitalicized text reflects forecasted FMAP figures.*

**CALCULATION OF BASE FEDERAL MEDICAL ASSISTANCE PERCENTAGE**

Effective State Budget Year	FLORIDA DATA					NATIONAL DATA							
	BEA Florida Personal Income (Millions \$)	BEA Florida Population (millions)	Florida Per Capita Personal Income	3 yr average Florida	3 yr average U.S.			Growth Rate of Florida Personal Income	Growth Rate of Florida Population	Growth Rate of U.S. Personal Income	Growth Rate of U.S. Population		
				Per Capita Personal Income	BEA U.S. Personal Income (Millions \$)	BEA U.S. Population	U.S. Per Capita Personal Income						
				Squared	Squared	Squared	Squared						
Calendar Year													
History	2010	725,801	18.846	38,511	1,483,117,720	12,541,995	309.338	40,545	1,643,862,612				
	2011	766,186	19.097	40,120	1,545,717,729	13,315,478	311.644	42,727	1,733,519,167	1.0556	1.0133	1.0617	1.0075
	2012	791,919	19.341	40,944	1,588,702,986	13,998,383	313.993	44,582	1,816,262,565	1.0336	1.0128	1.0513	1.0075
	2013	794,797	19.585	40,582	1,644,205,730	14,175,503	316.235	44,826	1,939,939,763	1.0036	1.0126	1.0127	1.0071
	2014	858,499	19.898	43,146	1,727,011,316	14,983,140	318.623	47,025	2,068,201,479	1.0801	1.0160	1.0570	1.0076
	2015	919,227	20.269	45,352	1,851,292,240	15,711,634	321.040	48,940	2,202,440,019	1.0707	1.0186	1.0486	1.0076
	2016	953,261	20.657	46,148	2,014,390,241	16,115,630	323.406	49,831	2,361,815,096	1.0370	1.0191	1.0257	1.0074
	2017	1,000,624	20.984	47,684	2,152,481,895	16,820,250	325.719	51,640	2,513,723,273	1.0497	1.0159	1.0437	1.0072
Forecast	<b>2018</b>	<b>1,054,461</b>	<b>21.349</b>	<b>49,392</b>	<b>2,279,241,474</b>	<b>17,573,691</b>	<b>328.032</b>	<b>53,573</b>	<b>2,670,974,268</b>	<b>1.0538</b>	<b>1.0174</b>	<b>1.0448</b>	<b>1.0071</b>
	<b>2019</b>	<b>1,109,419</b>	<b>21.684</b>	<b>51,164</b>	<b>2,441,687,648</b>	<b>18,366,280</b>	<b>330.423</b>	<b>55,584</b>	<b>2,872,873,795</b>	<b>1.0521</b>	<b>1.0157</b>	<b>1.0451</b>	<b>1.0073</b>
	<b>2020</b>	<b>1,169,846</b>	<b>22.015</b>	<b>53,138</b>	<b>2,624,658,619</b>	<b>19,271,730</b>	<b>332.768</b>	<b>57,913</b>	<b>3,101,400,451</b>	<b>1.0545</b>	<b>1.0153</b>	<b>1.0493</b>	<b>1.0071</b>
	<b>2021</b>	<b>1,224,326</b>	<b>22.341</b>	<b>54,801</b>	<b>2,812,660,977</b>	<b>20,118,135</b>	<b>335.101</b>	<b>60,036</b>	<b>3,345,989,660</b>	<b>1.0466</b>	<b>1.0148</b>	<b>1.0439</b>	<b>1.0070</b>

<b>FEDERAL MEDICAL ASSISTANCE PERCENTAGE</b>			
	Aug-18 update	Nov-18 update	change
FFY 2017-18	0.6179	0.6179	0.0000
FFY 2018-19	0.6087	0.6087	0.0000
FFY 2019-20	<b>0.6083</b>	0.6147	0.0064
FFY 2020-21	<b>0.6121</b>	<b>0.6160</b>	0.0039
FFY 2021-22	<b>0.6165</b>	<b>0.6175</b>	0.0010
FFY 2022-23	<b>0.6222</b>	<b>0.6192</b>	-0.0030
FFY 2023-24	<b>0.6279</b>	<b>0.6217</b>	-0.0062

Federal Medical Assistance Percentage formula:

$$[ 1 - .45 ] \times \frac{3 \text{ yr avg Florida per capita personal income}^2}{3 \text{ yr avg U.S. per capita personal income}^2}$$

Because the Economic Estimating Conferences produce estimates of Florida and U.S. population and personal income that are different in definition and timing than the data from the Bureau of Economic Analysis (upon which the formula is based), it is necessary to convert the Estimating Conference forecasts to a BEA-type definition. This is accomplished by applying the growth rates of the relevant variables from the National and Florida Economic Estimating Conference forecasts to the BEA income and population history.

**Summary Table**

FMAP	(1-FMAP)	Factor	(1-FMAP)*Factor	ACA Increase	Enhanced FMAP = FMAP + (1-FMAP)*Factor + ACA Increase
61.79	FMAP RATE FFY 2017-18	38.21	0.30	11.46	23.00
60.87	FMAP RATE FFY 2018-19	39.13	0.30	11.74	23.00
<b>61.47</b>	FMAP RATE FFY 2019-20	38.53	0.30	11.56	11.50
<b>61.60</b>	FMAP RATE FFY 2020-21	38.40	0.30	11.52	
<b>61.75</b>	FMAP RATE FFY 2021-22	38.25	0.30	11.48	
<b>61.92</b>	FMAP RATE FFY 2022-23	38.08	0.30	11.42	
<b>62.17</b>	FMAP RATE FFY 2023-24	37.83	0.30	11.35	

Calendar Year	BEA Florida Personal Income (Millions \$)	BEA Florida Population (millions)	BEA U.S. Personal Income (Millions \$)	BEA U.S. Population (millions)	
2009	682,320	18.653	12,051,307	306.772	
2010	725,801	18.846	12,541,995	309.338	
2011	766,186	19.097	13,315,478	311.644	
2012	791,919	19.341	13,998,383	313.993	
2013	794,797	19.585	14,175,503	316.235	
2014	858,499	19.898	14,983,140	318.623	
2015	919,227	20.269	15,711,634	321.040	
2016	953,261	20.657	16,115,630	323.406	
2017	1,000,624	20.984	16,820,250	325.719	<i>revised</i> Actual BEA data
2018	1,054,461	21.349	17,573,691	328.032	BEA data adjusted by FL forecast growth rates
2019	1,109,419	21.684	18,366,280	330.423	
2020	1,169,846	22.015	19,271,730	332.768	
2021	1,224,326	22.341	20,118,135	335.101	

NATIONAL AND FLORIDA ECONOMIC U.S. AND FLORIDA VARIABLES November 2018

Calendar Year	fdec FMPOPQ	fdec	fdec FYPERS	nec	nec UMPOP	nec	nec UYPERS	
2009	18,714.951		682,319.559		307,580.197		12,059.109	
2010	18,825.233	1.005892722	725,801.140	1.063726124	310,090.590	1.0081618	12,551.597	1.0408395
2011	18,945.656	1.006396893	766,185.838	1.055641547	312,386.454	1.0074038	13,326.770	1.06175891
2012	19,119.026	1.00915091	791,918.553	1.033585475	314,656.827	1.0072678	14,010.140	1.05127799
2013	19,318.050	1.010409735	794,796.980	1.003634751	316,882.499	1.0070733	14,181.094	1.01220216
2014	19,582.517	1.01369015	858,498.660	1.080148367	319,252.338	1.0074786	14,991.831	1.05717027
2015	19,897.922	1.016106459	919,226.924	1.07073775	321,621.678	1.0074215	15,719.524	1.0485393
2016	20,233.529	1.016866435	953,260.629	1.037024269	323,960.828	1.007273	16,125.141	1.02580339
2017	20,566.703	1.016466431	1,000,624.300	1.049685962	326,275.125	1.0071438	16,830.937	1.04376991
2018	20,923.871	1.017366323	1,054,461.250	1.053803361	328,591.834	1.0071005	17,584.857	1.0447937
2019	21,251.919	1.01567817	1,109,419.000	1.052119269	330,987.392	1.0072904	18,377.950	1.04510091
2020	21,576.972	1.015295231	1,169,846.500	1.054467699	333,336.027	1.0070958	19,283.975	1.04929957
2021	21,896.476	1.014807638	1,224,326.250	1.046569999	335,673.429	1.0070121	20,130.918	1.04391952
2022	22,209.550	1.014297917	1,277,252.000	1.04322847	337,995.820	1.0069186	20,973.908	1.04187539
2023	22,514.112	1.01371311	1,329,608.250	1.040991324	340,296.916	1.0068081	21,834.093	1.04101215
2024	22,807.866	1.01304755	1,380,934.500	1.038602536	342,573.404	1.0066897	22,712.268	1.04022036

Federal Fiscal Year

ACA Increase of 23  
percentage points  
(10/11/15-9/30/19), HR  
195 Increase of 11.5  
percentage points  
(10/1/19-9/30/20)

Federal Fiscal Year

Effective State Budget Year	Monthly FMAP (Forecast in bold)	Calculated FMAP	EFMAP	percentage points (10/1/19-9/30/20)
Jul-17				
Aug-17				
Sep-17				
Oct-17	<b>0.6179</b>	0.6179	73.25	<b>96.25</b>
Nov-17	<b>0.6179</b>			
Dec-17	<b>0.6179</b>			
Jan-18	<b>0.6179</b>			
Feb-18	<b>0.6179</b>			
Mar-18	<b>0.6179</b>			
Apr-18	<b>0.6179</b>			
May-18	<b>0.6179</b>			
Jun-18	<b>0.6179</b>			
Jul-18	<b>0.6179</b>			
Aug-18	<b>0.6179</b>			
Sep-18	<b>0.6179</b>			
Oct-18	<b>0.6087</b>	0.6087	72.61	<b>95.61</b>
Nov-18	<b>0.6087</b>			
Dec-18	<b>0.6087</b>			
Jan-19	<b>0.6087</b>			
Feb-19	<b>0.6087</b>			
Mar-19	<b>0.6087</b>			
Apr-19	<b>0.6087</b>			
May-19	<b>0.6087</b>			
Jun-19	<b>0.6087</b>			
Jul-19	<b>0.6087</b>			
Aug-19	<b>0.6087</b>			
Sep-19	<b>0.6087</b>			
Oct-19	<b>0.6147</b>	<b>0.6147</b>	<b>73.03</b>	<b>84.53</b>
Nov-19	<b>0.6147</b>			
Dec-19	<b>0.6147</b>			
Jan-20	<b>0.6147</b>			
Feb-20	<b>0.6147</b>			
Mar-20	<b>0.6147</b>			
Apr-20	<b>0.6147</b>			
May-20	<b>0.6147</b>			
Jun-20	<b>0.6147</b>			
Jul-20	<b>0.6147</b>			
Aug-20	<b>0.6147</b>			
Sep-20	<b>0.6147</b>			
Oct-20	<b>0.6160</b>	<b>0.616</b>	<b>73.12</b>	
Nov-20	<b>0.6160</b>			
Dec-20	<b>0.6160</b>			
Jan-21	<b>0.6160</b>			
Feb-21	<b>0.6160</b>			
Mar-21	<b>0.6160</b>			
Apr-21	<b>0.6160</b>			
May-21	<b>0.6160</b>			
Jun-21	<b>0.6160</b>			

Effective State Budget Year	Monthly FMAP (Forecast in bold)	Calculated FMAP	EFMAP
Jul-21	<b>0.6160</b>		
Aug-21	<b>0.6160</b>		
Sep-21	<b>0.6160</b>		
Oct-21	<b>0.6175</b>	<b>0.6175</b>	<b>73.23</b>
Nov-21	<b>0.6175</b>		
Dec-21	<b>0.6175</b>		
Jan-22	<b>0.6175</b>		
Feb-22	<b>0.6175</b>		
Mar-22	<b>0.6175</b>		
Apr-22	<b>0.6175</b>		
May-22	<b>0.6175</b>		
Jun-22	<b>0.6175</b>		
Jul-22	<b>0.6175</b>		
Aug-22	<b>0.6175</b>		
Sep-22	<b>0.6175</b>		
Oct-22	<b>0.6192</b>	<b>0.6192</b>	<b>73.34</b>
Nov-22	<b>0.6192</b>		
Dec-22	<b>0.6192</b>		
Jan-23	<b>0.6192</b>		
Feb-23	<b>0.6192</b>		
Mar-23	<b>0.6192</b>		
Apr-23	<b>0.6192</b>		
May-23	<b>0.6192</b>		
Jun-23	<b>0.6192</b>		
Jul-23	<b>0.6192</b>		
Aug-23	<b>0.6192</b>		
Sep-23	<b>0.6192</b>		
Oct-23	<b>0.6217</b>	<b>0.6217</b>	<b>73.52</b>
Nov-23	<b>0.6217</b>		
Dec-23	<b>0.6217</b>		
Jan-24	<b>0.6217</b>		
Feb-24	<b>0.6217</b>		
Mar-24	<b>0.6217</b>		
Apr-24	<b>0.6217</b>		
May-24	<b>0.6217</b>		
Jun-24	<b>0.6217</b>		
Jul-24	<b>0.6217</b>		
Aug-24	<b>0.6217</b>		
Sep-24	<b>0.6217</b>		

Federal Medical Assistance Percentage (FMAP)

FY 89-90	54.74%
FY 90-91	54.48%
FY 91-92	54.69%
FY 92-93	55.00%
FY 93-94	54.80%
FY 94-95	56.16%
FY 95-96	55.80%
FY 96-97	55.79%
FY 97-98	55.66%
FY 98-99	55.81%
FY 99-00	56.20%
FY 00-01	56.61%
FY 01-02	56.45%
FY 02-03	58.63%
FY 03-04	61.48%
FY 04-05	58.90%
FY 05-06	58.89%
FY 06-07	58.77%
FY 07-08	56.91%
FY 08-09	64.94%
FY 09-10	67.64%
FY 10-11	64.82%
FY 11-12	55.94%
FY 12-13	57.73%
FY 13-14	58.67%
FY 14-15	59.56%
FY 15-16	60.46%
FY 16-17	60.99%
FY 17-18	61.62%