

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

August 6, 2018

Effective State Budget Year	State			Federal		
	State FMAP adopted February 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	0.6077	0.6084	0.0007	0.6083	0.8408	Confirmed by Federal Register for July - September; Estimated for remainder
FY2020-21	0.6092	0.6112	0.0020	0.6121	0.7285	Estimated
FY2021-22	0.6119	0.6154	0.0035	0.6165	0.7316	Estimated
FY2022-23	0.6150	0.6208	0.0058	0.6222	0.7355	Estimated
FY2023-24	N/A	0.6265	N/A	0.6279	0.7395	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 July 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				Growth Rate of Florida Personal Income	Growth Rate of Florida Population	Growth Rate of U.S. Personal Income	Growth Rate of U.S. Population	
	Calendar Year	BEA Florida Personal Income (Millions \$)	BEA Florida Population (millions)	Florida Per Capita Personal Income	3 yr average Florida	BEA U.S. Personal Income (Millions \$)	U.S. Population	U.S. Per Capita Personal Income					
					Per Capita Personal Income Squared								3 yr average U.S. Per Capita Personal Income Squared
History	2010	728,064	18.846	38,631	1,492,379,648	12,459,613	309,338	40,278	1,622,338,138	1.0622	1.0133	1.0621	1.0075
	2011	773,316	19.097	40,493	1,565,177,708	13,233,436	311,644	42,463	1,711,540,255	1.0256	1.0128	1.0507	1.0075
	2012	793,104	19.341	41,006	1,603,476,938	13,904,485	313,993	44,283	1,792,796,401	1.0073	1.0126	1.0118	1.0071
	2013	798,886	19.585	40,791	1,661,644,946	14,068,960	316,235	44,489	1,913,625,917	1.0721	1.0160	1.0528	1.0076
	2014	856,492	19.898	43,045	1,731,702,305	14,811,388	318,623	46,486	2,032,730,812	1.0741	1.0186	1.0497	1.0076
	2015	919,958	20.269	45,388	1,855,424,878	15,547,661	321,040	48,429	2,159,267,917	1.0296	1.0191	1.0235	1.0074
	2016	947,207	20.657	45,855	2,003,697,984	15,912,777	323,406	49,204	2,307,793,135	1.0381	1.0159	1.0315	1.0072
Forecast	2017	983,294	20.984	46,858	2,119,121,066	16,413,551	325,719	50,392	2,434,584,290	1.0450	1.0171	1.0415	1.0071
	2018	1,027,586	21.344	48,145	2,204,550,081	17,095,227	328,032	52,115	2,557,323,550	1.0520	1.0149	1.0525	1.0073
	2019	1,080,983	21.663	49,901	2,333,008,668	17,992,102	330.423	54,452	2,737,311,175	1.0473	1.0146	1.0479	1.0071
	2020	1,132,131	21.980	51,508	2,485,143,829	18,853,991	332.768	56,658	2,960,241,318	1.0432	1.0142	1.0428	1.0070
	2021	1,181,064	22.293	52,980	2,648,433,260	19,660,927	335.101	58,672	3,202,859,494				

FEDERAL MEDICAL ASSISTANCE PERCENTAGE

	Feb-18 update	Aug-18 update	change
FFY 2017-18	0.6179	0.6179	0.0000
FFY 2018-19	0.6087	0.6087	0.0000
FFY 2019-20	0.6073	0.6083	0.0010
FFY 2020-21	0.6098	0.6121	0.0023
FFY 2021-22	0.6126	0.6165	0.0039
FFY 2022-23	0.6158	0.6222	0.0064
FFY 2023-24	N/A	0.6279	N/A

Federal Medical Assistance Percentage formula:

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

confirmed per Fed Register, Nov 2016, not estimated
 confirmed per Fed Register, Nov 2017, not estimated
 preliminary FFIS projection based on preliminary 2017 BEA data, Mar 2018

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
60.83	FMAP RATE FFY 2019-20	39.17	0.30	11.75	11.50
61.21	FMAP RATE FFY 2020-21	38.79	0.30	11.64	72.85
61.65	FMAP RATE FFY 2021-22	38.35	0.30	11.51	73.16
62.22	FMAP RATE FFY 2022-23	37.78	0.30	11.33	73.55
62.79	FMAP RATE FFY 2023-24	37.21	0.30	11.16	73.95

Calendar Year	BEA Florida Personal Income (Millions \$)	BEA Florida Population (millions)	BEA U.S. Personal Income (Millions \$)	BEA U.S. Population (millions)	
2009	691,356	18.653	12,079,444	306.772	
2010	728,064	18.846	12,459,613	309.338	
2011	773,316	19.097	13,233,436	311.644	
2012	793,104	19.341	13,904,485	313.993	
2013	798,886	19.585	14,068,960	316.235	
2014	856,492	19.898	14,811,388	318.623	
2015	919,958	20.269	15,547,661	321.040	
2016	947,207	20.657	15,912,777	323.406	
2017	983,294	20.984	16,413,551	325.719	<i>revised</i>
2018	1,027,586	21.344	17,095,227	328.032	Actual BEA data
2019	1,080,983	21.663	17,992,102	330.423	BEA data adjusted by FL forecast growth rates
2020	1,132,131	21.980	18,853,991	332.768	
2021	1,181,064	22.293	19,660,927	335.101	

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

Calendar Year	fdec FMPOQ	fecc FYBERS	necc UMPOP	nec UYPERS
2009	18,714.951	691,355.724	307,580.197	12,094.791
2010	18,825.233	1.005892722 728,063.852	1.053095862 310,090.590	1.0081618 12,477.121
2011	18,945.657	1.006396946 773,315.948	1.062154021 312,386.454	1.0074038 13,254.521
2012	19,119.025	1.009150804 793,103.892	1.025588434 314,656.827	1.0072678 13,915.118
2013	19,318.055	1.01041005 798,885.890	1.007290341 316,882.499	1.0070733 14,073.672
2014	19,582.502	1.013689111 856,491.910	1.072107945 319,252.338	1.0074786 14,818.247
2015	19,897.978	1.016110097 919,957.986	1.07410003 321,621.678	1.0074215 15,552.968
2016	20,233.323	1.01685322 947,207.472	1.029620359 323,960.828	1.007273 15,928.726
2017	20,569.091	1.016594803 983,559.400	1.038378 326,275.125	1.0071438 16,429.090
2018	20,921.336	1.017124967 1,027,863.250	1.045044407 328,591.834	1.0071005 17,111.411
2019	21,233.932	1.014941493 1,081,274.750	1.051963625 330,987.392	1.0072904 18,009.135
2020	21,544.574	1.014629509 1,132,436.250	1.047315911 333,336.027	1.0070958 18,871.840
2021	21,851.545	1.014248181 1,181,382.000	1.043221638 335,673.429	1.0070121 19,679.540
2022	22,154.250	1.013852796 1,232,851.250	1.043566983 337,995.820	1.0069186 20,536.623
2023	22,450.573	1.013375447 1,286,358.500	1.043401221 340,296.916	1.0068081 21,463.533
2024	22,739.287	1.012859984 1,340,911.000	1.042408473 342,573.404	1.0066897 22,439.663

Federal Fiscal Year

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)

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	0.6179	0.6179	73.25	96.25
Nov-17	0.6179			
Dec-17	0.6179			
Jan-18	0.6179			
Feb-18	0.6179			
Mar-18	0.6179			
Apr-18	0.6179			
May-18	0.6179			
Jun-18	0.6179			
Jul-18	0.6179			
Aug-18	0.6179			
Sep-18	0.6179			
Oct-18	0.6087	0.6087	72.61	95.61
Nov-18	0.6087			
Dec-18	0.6087			
Jan-19	0.6087			
Feb-19	0.6087			
Mar-19	0.6087			
Apr-19	0.6087			
May-19	0.6087			
Jun-19	0.6087			
Jul-19	0.6087			
Aug-19	0.6087			
Sep-19	0.6087			
Oct-19	0.6083	0.6083	72.58	84.08
Nov-19	0.6083			
Dec-19	0.6083			
Jan-20	0.6083			
Feb-20	0.6083			
Mar-20	0.6083			
Apr-20	0.6083			
May-20	0.6083			
Jun-20	0.6083			
Jul-20	0.6083			
Aug-20	0.6083			
Sep-20	0.6083			
Oct-20	0.6121	0.6121	72.85	
Nov-20	0.6121			
Dec-20	0.6121			
Jan-21	0.6121			
Feb-21	0.6121			
Mar-21	0.6121			
Apr-21	0.6121			
May-21	0.6121			
Jun-21	0.6121			

Effective State Budget Year	Monthly FMAP (Forecast in bold)	Calculated FMAP	EFMAP
Jul-21	0.6121		
Aug-21	0.6121		
Sep-21	0.6121		
Oct-21	0.6165	0.6165	73.16
Nov-21	0.6165		
Dec-21	0.6165		
Jan-22	0.6165		
Feb-22	0.6165		
Mar-22	0.6165		
Apr-22	0.6165		
May-22	0.6165		
Jun-22	0.6165		
Jul-22	0.6165		
Aug-22	0.6165		
Sep-22	0.6165		
Oct-22	0.6222	0.6222	73.55
Nov-22	0.6222		
Dec-22	0.6222		
Jan-23	0.6222		
Feb-23	0.6222		
Mar-23	0.6222		
Apr-23	0.6222		
May-23	0.6222		
Jun-23	0.6222		
Jul-23	0.6222		
Aug-23	0.6222		
Sep-23	0.6222		
Oct-23	0.6279	0.6279	73.95
Nov-23	0.6279		
Dec-23	0.6279		
Jan-24	0.6279		
Feb-24	0.6279		
Mar-24	0.6279		
Apr-24	0.6279		
May-24	0.6279		
Jun-24	0.6279		
Jul-24	0.6279		
Aug-24	0.6279		
Sep-24	0.6279		

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%