

Exhibit R - Estimate of Federal Medicaid Assistance Percentage (FMAP)

FMAP Forecast					
United States Per Capita Income					
Calendar Year	Personal Income	Population	Per Capita Personal Income	U.S. 3-year Average Per Capita	(U.S. Average Per Capita) ²
2000	\$8,652,600,000,000	282,162,411	\$30,665.32	-	-
2001	\$9,005,600,000,000	284,968,955	\$31,602.04	-	-
2002	\$9,159,001,000,000	287,625,193	\$31,843.53	\$31,370.30	\$984,095,722.09
2003	\$9,487,500,000,000	290,107,933	\$32,703.35	\$32,049.64	\$1,027,179,424.13
2004	\$10,035,100,000,000	292,805,298	\$34,272.26	\$32,939.71	\$1,085,024,494.88
2005	\$10,598,200,000,000	295,516,599	\$35,863.30	\$34,279.64	\$1,175,093,718.53
2006	\$11,381,700,000,000	298,379,912	\$38,144.99	\$36,093.52	\$1,302,742,185.99
2007	\$12,007,841,900,000	301,231,207	\$39,862.54	\$37,956.94	\$1,440,729,294.16
2008	\$12,442,000,000,000	304,093,966	\$40,914.98	\$39,640.84	\$1,571,396,195.91
2009	\$12,591,000,000,000	306,771,529	\$41,043.57	\$40,607.03	\$1,648,930,885.42
2010	\$12,551,600,000,000	309,348,193	\$40,574.34	\$40,844.30	\$1,668,256,842.49
2011	\$13,263,000,000,000	311,663,358	\$42,555.53	\$41,391.15	\$1,713,227,298.32
2012	\$14,010,100,000,000	313,998,379	\$44,618.38	\$42,582.75	\$1,813,290,597.56
2013	\$14,181,100,000,000	316,204,908	\$44,847.82	\$44,007.24	\$1,936,637,172.42
2014	\$14,991,800,000,000	318,563,456	\$47,060.64	\$45,508.95	\$2,071,064,530.10
2015	\$15,719,500,000,000	320,896,618	\$48,986.18	\$46,964.88	\$2,205,699,953.41
2016	\$16,125,100,000,000	323,127,513	\$49,903.21	\$48,650.01	\$2,366,823,473.00
2017	\$16,830,900,000,000	325,511,000	\$51,706.09	\$50,198.49	\$2,519,888,398.28
2018	\$17,588,000,000,000	327,892,000	\$53,639.61	\$51,749.64	\$2,678,025,240.13
2019	\$18,325,000,000,000	330,269,000	\$55,485.07	\$53,610.26	\$2,874,059,977.27
2020	\$19,727,900,000,000	332,639,000	\$59,307.24	\$56,143.97	\$3,152,145,367.36
2021	\$21,294,800,000,000	334,998,000	\$62,481.87	\$59,091.39	\$3,491,792,372.13
2022	\$21,777,200,000,000	337,342,000	\$64,555.26	\$62,114.79	\$3,858,247,136.74
2023	\$23,062,100,000,000	339,665,000	\$67,896.60	\$64,977.91	\$4,222,128,787.97
2024	\$24,307,400,000,000	341,963,000	\$71,081.96	\$67,844.61	\$4,602,891,106.05
2025	\$25,571,400,000,000	344,234,000	\$74,284.93	\$71,087.83	\$5,053,479,574.11
Colorado Per Capita Income					
Calendar Year	Personal Income	Population	Per Capita Personal Income	Colorado 3-year Average Per Capita	(Colorado Average Per Capita) ²
2000	\$147,234,259,000	4,338,831	\$33,934.08	-	-
2001	\$154,409,814,000	4,444,513	\$34,741.67	-	-
2002	\$154,765,500,000	4,504,709	\$34,356.38	\$34,344.04	117951308352.00%
2003	\$157,543,201,000	4,555,084	\$34,586.23	\$34,561.43	\$1,194,492,443.64
2004	\$163,427,008,000	4,608,811	\$35,459.69	\$34,800.77	\$1,211,093,592.59
2005	\$174,771,645,000	4,662,534	\$37,484.26	\$35,843.39	\$1,284,748,606.69
2006	\$188,803,293,000	4,745,660	\$39,784.41	\$37,576.12	\$1,411,964,794.25
2007	\$201,227,297,000	4,821,784	\$41,732.96	\$39,667.21	\$1,573,487,549.18
2008	\$207,772,729,000	4,901,938	\$42,385.83	\$41,301.07	\$1,705,778,383.14
2009	\$198,147,196,000	4,976,853	\$39,813.75	\$41,310.85	\$1,706,586,327.72
2010	\$204,691,900,000	5,049,935	\$40,533.57	\$40,911.05	\$1,673,714,012.10
2011	\$222,571,956,000	5,119,538	\$43,475.01	\$41,274.11	\$1,703,552,156.29
2012	\$236,687,388,000	5,191,086	\$45,594.97	\$43,201.18	\$1,866,341,953.39
2013	\$248,958,974,000	5,268,413	\$47,255.02	\$45,441.67	\$2,064,945,372.39
2014	\$271,101,038,000	5,350,118	\$50,671.97	\$47,840.65	\$2,288,727,792.42
2015	\$284,142,915,000	5,448,055	\$52,154.93	\$50,027.31	\$2,502,731,745.84
2016	\$289,620,855,000	5,538,180	\$52,295.31	\$51,707.40	\$2,673,655,214.76
2017	\$306,411,131,000	5,609,445	\$54,624.14	\$53,024.79	\$2,811,628,354.54
2018	\$324,183,000,000	5,689,227	\$56,981.90	\$54,633.78	\$2,984,849,917.09
2019	\$342,546,000,000	5,769,985	\$59,366.88	\$56,990.97	\$3,247,970,661.54
2020	\$368,920,000,000	5,813,209	\$63,462.37	\$59,937.05	\$3,592,449,962.70
2021	\$410,948,000,000	5,814,672	\$66,671.29	\$63,166.85	\$3,990,050,938.92
2022	\$433,128,000,000	5,857,513	\$73,944.01	\$68,025.89	\$4,627,521,710.29
2023	\$459,116,000,000	5,913,094	\$77,643.95	\$72,753.08	\$5,293,010,649.49
2024	\$485,286,000,000	5,973,789	\$81,235.88	\$77,607.95	\$6,022,993,903.20
2025	\$512,462,000,000	6,034,352	\$84,921.30	\$81,267.04	\$6,604,331,790.36

Exhibit R - Estimate of Federal Medicaid Assistance Percentage (FMAP)

FMAP Forecast										
Calendar Year	CO APC ² / U.S. APC ²	*0.45	FMAP ⁽¹⁾ Calculation	eFMAP ⁽²⁾ Calculation	FFY/ SFY	FFY FMAP ⁽³⁾	FFY eFMAP ⁽³⁾	SFY FMAP ⁽⁴⁾	SFY eFMAP ⁽⁴⁾	
2000	-	-	-	-	2000-01	50.00%	65.00%	50.00%	65.00%	
2001	-	-	-	-	2001-02	50.00%	65.00%	50.00%	65.00%	
2002	119.86%	\$1	\$1	\$1	2002-03	50.00%	65.00%	50.00%	65.00%	
2003	116.29%	52.33%	50.00%	65.00%	2003-04	50.00%	65.00%	50.00%	65.00%	
2004	111.62%	50.23%	50.00%	65.00%	2004-05	50.00%	65.00%	50.00%	65.00%	
2005	109.33%	49.20%	50.80%	65.56%	2005-06	50.00%	65.00%	50.00%	65.00%	
2006	108.38%	48.77%	51.23%	65.86%	2006-07	50.00%	65.00%	50.00%	65.00%	
2007	109.21%	49.14%	50.86%	65.60%	2007-08	50.00%	65.00%	50.00%	65.00%	
2008	108.55%	48.85%	51.15%	65.81%	2008-09	50.00%	65.00%	50.00%	65.00%	
2009	103.50%	46.58%	53.42%	67.39%	2009-10	50.00%	65.00%	50.00%	65.00%	
2010	100.33%	45.15%	54.85%	68.40%	2010-11	50.00%	65.00%	50.00%	65.00%	
2011	99.44%	44.75%	55.25%	68.68%	2011-12	50.00%	65.00%	50.00%	65.00%	
2012	102.93%	46.32%	53.68%	67.58%	2012-13	50.00%	65.00%	50.00%	65.00%	
2013	106.63%	47.98%	52.02%	66.41%	2013-14	50.00%	65.00%	50.00%	65.00%	
2014	110.51%	49.73%	50.27%	65.19%	2014-15	51.01%	65.71%	50.76%	65.53%	
2015	113.47%	51.06%	50.00%	65.00%	2015-16	50.72%	65.50%	50.79%	65.55%	
2016	112.96%	50.83%	50.00%	65.00%	2016-17	50.02%	65.01%	50.20%	65.13%	
2017	111.58%	50.21%	50.00%	65.00%	2017-18	50.00%	65.00%	50.00%	65.00%	
2018	111.46%	50.16%	50.00%	65.00%	2018-19	50.00%	65.00%	50.00%	65.00%	
2019	113.01%	50.85%	50.00%	65.00%	2019-20	54.65%	68.26%	53.10%	67.17%	
2020	113.97%	51.29%	50.00%	65.00%	2020-21	56.20%	69.34%	56.20%	69.34%	
2021	114.27%	51.42%	50.00%	65.00%	2021-22	56.20%	69.34%	56.20%	69.34%	
2022	119.94%	53.97%	50.00%	65.00%	2022-23	56.20%	69.34%	56.20%	69.34%	
2023	125.36%	56.41%	50.00%	65.00%	2023-24	51.55%	66.09%	51.00%	65.70%	
2024	130.85%	58.88%	50.00%	65.00%	2024-25	50.00%	65.00%	50.00%	65.00%	
2025	130.69%	58.81%	50.00%	65.00%	2025-26	50.00%	65.00%	50.00%	65.00%	

Definitions: FMAP: Federal medical assistance percentage eFMAP: Enhanced FMAP SFY: State fiscal year FFY: Federal fiscal year

(1) FMAP is calculated with the following formula: $FMAP_{state} = 1 - ((Per\ capita\ income_{state}) / (Per\ capita\ income_{U.S.}) * 0.45)$, where per capita incomes are based on a rolling three-year average. (Source: <http://aspe.hhs.gov/health/reports/2014/FMAP2015/fmap15.cfm>)

(2) eFMAP is calculated by lowering the State share under the regular FMAP rate by 30% (Source: <http://aspe.hhs.gov/health/reports/2014/FMAP2015/fmap15.cfm>)

(3) There is a lag between the time period that an FMAP is calculated in, and the time period it goes into effect. For example, the FFY 2014-15 FMAP of 51.01% was calculated based on data from CY 2012.

(4) The SFY FMAP and eFMAP are calculated as one quarter of the previous FFY FMAP/eFMAP and three quarters of the current FFY FMAP/eFMAP. This is due to FMAP changes going into effect on the FFY on October 1, which is one quarter through the SFY.

(5) FY 2023-24 estimated FMAP is calculated based on forecasts of Personal Income from "Forecast June 2022." Colorado General Assembly, June 17, 2022. Accessed August 5, 2022. <https://leg.colorado.gov/sites/default/files/images/lcs/june22forecast.pdf>. U.S Population forecasts come from US Census Bureau. "Table 1. Projected Population Size and Births, Deaths, and Migration." September 06, 2018. Accessed August 5, 2022. <https://www.census.gov/data/tables/2017/demo/popproj/2017-summary-tables.html>. Colorado population estimates comes from Colorado State Demographer's Office. "forecast1yrsubstate" Population, Totals, Age & Race/Hispanic Origin Spreadsheets: Download population data for all geographies