



COMMONWEALTH of VIRGINIA

Department of Medical Assistance Services

CHERYL ROBERTS
DIRECTOR

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November 1, 2023

The Honorable Janet Howell
Chairman, Finance & Appropriations Committee
Senate of Virginia
Post Office Box 2608
Reston, Virginia 201095-0608

The Honorable Barry Knight
Chairman, Appropriations Committee
Virginia House of Delegates
1852 Mill Landing Road
Virginia Beach, Virginia 23457

Mr. Michael Maul
Director, Department of Planning and Budget
1111 E. Broad Street, Room 5040
Richmond, VA 23219

RE: 2023 Department of Medical Assistance Services Official Medicaid Forecast

Dear Chairman Howell, Chairman Knight, and Director Maul:

Pursuant to Item 308.A. of the 2023 Appropriation Act, The Department is providing you with the official forecasts for Virginia General Medicaid, Behavioral Health, and Long-Term Care expenditures for fiscal years 2024 through 2026. As required by that Item, we are also providing an enrollment forecast for the same period and a breakout of forecasted expenditures by caseload/utilization, inflation and policy changes. These forecasts include both the base and expansion populations of Medicaid.

The Honorable Janet Howell
The Honorable Barry Knight
Director Michael Maul
November 1, 2023
Page 2

If you have any questions or need additional information, please contact Chief Financial Officer, Mr. Chris Gordon, at (804) 318-7781 or by email chris.gordon@dmas.virginia.gov.

I look forward to working with you over the coming year, thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Cheryl J. Roberts". The signature is fluid and cursive, with a large initial "C" and "R".

Cheryl J. Roberts
Director, Department of Medical Assistance Services

Enclosures

cc: The Honorable John Littel
The Honorable Stephen Cummings
Ms. April Kees
Ms. Anne Oman

Expenditures Data for Service Level Forecasts

November 1, 2023

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>
Managed Care - Low Income Adults			1,102,039,457	1,246,657,054	1,331,784,325
Managed Care - Low Income Children			1,589,445,837	1,727,573,744	1,846,020,933
M4.0 Performance Withhold Program			25,093,874	30,511,394	31,461,387
M4.0 Clinical Efficiency Withhold Program			7,057,652	7,627,849	7,865,347
Expenditure Refunds			(698,444)	(698,444)	(698,444)
FY Actual/Weekly Delay Adjustment			(3,271,128)	0	0
Managed Care - LIFC	\$2,831,880,548	\$3,250,615,188	\$2,719,667,249	\$3,011,671,597	\$3,216,433,549
Managed Care - Aged, Blind, Disabled			0	0	0
Managed Care - ALTC/HAP			0	0	0
Managed Care - Foster Care and Adoptive Assistance			97,661,377	109,935,078	116,924,004
			0	0	0
			0	0	0
FY Actual/Weekly Delay Adjustment			68,128	0	0
Managed Care - ABD and Foster Care	\$106,377,152	\$120,951,887	\$97,729,505	\$109,935,078	\$116,924,004
Managed Care - CCC Quality Withholds			0	0	0
FY Actual/Weekly Delay Adjustment			0	0	0
Managed Care - CCC	\$0	\$0	\$0	\$0	\$0
CCC+ DD Waiver			123,759,684	142,819,514	151,755,581
CCC+ Nursing Home			873,737,215	1,004,258,067	1,060,455,652
CCC+ NH Eligible Community			2,652,417,221	2,922,389,888	3,070,921,968
CCC+ Non Long Term Care			1,775,887,404	2,010,278,437	2,115,487,149
CCC+ Tech			56,655,994	65,127,885	68,433,058
Value Based Purchasing for Nursing Homes			108,078,442	144,104,589	144,104,589
Discrete Incentive Payments			357,500	345,000	345,000
CCC+ Performance Withhold Program			54,900,412	60,430,948	62,484,229
CCC+ Clinical Efficiency Withhold Program			10,675,080	15,107,737	15,621,057
FY Actual/Weekly Delay Adjustment			642,909	0	0
Managed Care - CCC+	\$5,643,740,581	\$6,496,345,074	\$5,657,111,861	\$6,364,862,064	\$6,689,608,283
Pharmacy MCO Rebates			(348,789,068)	(346,487,198)	(370,125,043)
Pharmacy MCO Rebates	(\$332,193,230)	(\$350,477,710)	(\$348,789,068)	(\$346,487,198)	(\$370,125,043)
Inpatient Acute- General Hospital			104,337,067	106,415,907	109,898,062
Inpatient Crossover			3,646,005	3,779,488	3,779,492
Inpatient Acute- Other Facility			1,558,135	1,713,798	1,770,359
Rehabilitation Hospital			1,092,527	1,169,047	1,207,195
Expenditure Refunds			(889,515)	(889,515)	(889,515)
FY Actual/Weekly Delay Adjustment			5,906,423	0	0
Inpatient Hospital	\$132,510,093	\$129,700,547	\$115,650,642	\$112,188,725	\$115,765,592

Outpatient			11,604,149	12,624,189	13,036,932
Outpatient - Emergency Department			10,392,884	11,067,735	11,429,833
Outpatient Crossover			5,835,566	6,195,022	6,195,022
Lab/X-ray			2,203,774	2,302,955	2,302,955
FY Actual/Weekly Delay Adjustment			1,101,842	0	0
Outpatient Hospital	\$23,358,828	\$29,684,772	\$31,138,215	\$32,189,901	\$32,964,742
Physicians			18,145,360	18,702,129	18,702,129
Physician Crossover			4,784,848	4,965,939	4,965,941
EPSDT Screenings			4,171,984	4,280,699	4,280,704
Other Practitioners			1,252,337	1,282,027	1,281,586
FY Actual/Weekly Delay Adjustment			829,614	0	0
Physician/Practitioner Services	\$40,693,410	\$33,455,763	\$29,184,143	\$29,230,794	\$29,230,360
Physical Therapy Clinics			332,471	338,370	338,370
DOE/School Clinics (100% NGF)			38,898,637	50,384,410	55,858,569
FQHC			54,868,558	57,788,942	57,789,297
Other Clinics			25,297,565	27,496,601	28,100,875
Expenditure Refunds			(69,253)	(69,253)	(69,253)
FY Actual/Weekly Delay Adjustment			1,618,534	0	0
Clinic Services	\$119,419,184	\$131,636,616	\$120,946,512	\$135,939,070	\$142,017,860
Pharmacy			10,108,148	10,509,577	10,509,599
FY Actual/Weekly Delay Adjustment			178,115	0	0
Pharmacy	\$9,715,594	\$9,808,633	\$10,286,263	\$10,509,577	\$10,509,599
Pharmacy FFS Rebates			(36,316,196)	(37,293,314)	(37,293,327)
Pharmacy FFS Rebates	(\$11,583,943)	(\$37,800,578)	(\$36,316,196)	(\$37,293,314)	(\$37,293,327)
Categorically Needy, Pt A			33,707,456	34,883,025	36,669,495
Categorically Needy, Pt B			384,528,071	370,465,714	391,973,701
Medically Needy, Pt B (100% GF)			33,192,009	33,608,090	35,490,878
FY Actual/Weekly Delay Adjustment			(112,733)	0	0
Medicare Premiums Part A & B	\$447,252,870	\$488,860,813	\$451,314,804	\$438,956,828	\$464,134,075
Medicare Part D	\$256,654,901	\$330,059,010	\$329,407,552	\$325,782,985	\$343,672,858
Dental			261,355,957	269,209,273	269,209,441
FY Actual/Weekly Delay Adjustment			4,480,515	0	0
Dental	\$173,436,210	\$257,289,982	\$265,836,472	\$269,209,273	\$269,209,441
Non-Emergency Transportation			76,416,348	76,246,270	76,246,270
Emergency Transportation			610,649	628,422	628,422
FY Actual/Weekly Delay Adjustment			(183,724)	0	0
Transportation	\$62,583,540	\$61,520,615	\$76,843,273	\$76,874,692	\$76,874,692

HIPP			8,010,882	9,906,201	10,264,840
Hospice			10,419,605	11,064,268	11,374,432
Home Health			109,696	117,475	122,664
Medical Appliances			4,116,521	4,257,328	4,257,322
FY Actual/Weekly Delay Adjustment			1,913,780	0	0
All Other			\$24,570,484	\$25,345,272	\$26,019,257
\$23,842,639	\$24,169,989				
Nursing Facility			179,737,796	179,137,997	187,441,785
Expenditure Refunds			(112,273)	(112,273)	(112,273)
FY Actual/Weekly Delay Adjustment			1,450,792	0	0
Nursing Facility			\$181,076,315	\$179,025,724	\$187,329,512
\$105,508,661	\$136,997,569				
ICF/MR/Private			121,438,273	120,561,981	120,564,406
Expenditure Refunds			(623,816)	(623,816)	(623,816)
FY Actual/Weekly Delay Adjustment			1,400,530	0	0
ICF/MR/Private			\$122,214,986	\$119,938,165	\$119,940,590
\$118,652,380	\$121,257,742				
PACE			110,398,503	114,431,060	119,479,938
FY Actual/Weekly Delay Adjustment			206,993	0	0
PACE			\$110,605,496	\$114,431,060	\$119,479,938
\$89,852,990	\$101,140,967				
PersCare, Respite, Companion: Agency			67,765,631	71,364,967	72,371,364
PersCare, Respite, Companion: CD			254,856,303	267,006,570	268,510,104
600 Waiver slots July 2023			18,608,088	22,329,705	22,329,705
500 Waiver Slots January 2024			6,314,210	18,942,631	18,942,631
Expenditure Refunds			(7,631,425)	(7,631,425)	(7,631,425)
FY Actual/Weekly Delay Adjustment			(10,203,246)	0	0
Waiver: Personal Support			\$329,709,561	\$372,012,448	\$374,522,379
\$257,196,773	\$319,976,457				
Habilitation - Congregate Residential			730,499,545	748,234,599	748,520,500
Habilitation -Sponsored Residential			274,918,044	284,769,376	285,940,183
Habilitation - InHome Residential			151,220,963	151,585,657	154,287,602
Habilitation - Day Support			174,852,523	186,283,409	191,294,720
Habilitation - Other I/DD Services			39,813,920	41,250,231	41,628,095
600 Waiver slots July 2023			16,139,829	19,367,795	19,367,795
500 Waiver Slots January 2024			4,970,060	14,910,179	14,910,179
FY Actual/Weekly Delay Adjustment			14,878,128	0	0
Waiver: Habilitation			\$1,407,293,012	\$1,446,401,245	\$1,455,949,074
\$951,652,508	\$1,325,008,110				
Adult Day Care			76,042	73,646	73,646
Skilled Nursing Services			71,350,817	72,074,669	72,122,617
EM/AT/PERS			1,945,478	2,075,567	2,082,582
FY Actual/Weekly Delay Adjustment			1,513,889	0	0
Waiver: Nursing, EM/AT, Adult Day Care			\$74,886,226	\$74,223,882	\$74,278,845
\$42,324,351	\$73,635,229				
ID Case Management			64,792,009	66,795,645	67,224,454

DD Case Management			12,588,698	13,416,836	13,453,604
CD Facilitation			3,779,726	3,895,854	3,911,614
FY Actual/Weekly Delay Adjustment			907,360	0	0
Waiver: Case Mgmt & Support Services	\$69,753,292	\$81,894,725	\$82,067,793	\$84,108,335	\$84,589,673
MH Case Management			1,042,433	1,019,036	1,018,898
FY Actual/Weekly Delay Adjustment			(0)	0	0
MH Case Management	\$1,160,644	\$994,678	\$1,042,433	\$1,019,036	\$1,018,898
Inpatient Residential			7,978,151	9,161,033	9,898,717
FY Actual/Weekly Delay Adjustment			3,223,738	0	0
MH Residential	\$10,235,089	\$8,291,510	\$11,201,888	\$9,161,033	\$9,898,717
State Plan Option/MH Rehab			5,716,382	5,779,305	5,902,041
FY Actual/Weekly Delay Adjustment			9,830	0	0
MH Rehabilitative	\$6,491,288	\$5,821,202	\$5,726,212	\$5,779,305	\$5,902,041
Early Intervention			238,514	257,231	257,384
EPSDT Authorized Services			14,736,473	15,069,708	15,178,749
FY Actual/Weekly Delay Adjustment			(335,590)	0	0
MH EI/EPSDT Authorized	\$12,706,122	\$12,760,169	\$14,639,398	\$15,326,938	\$15,436,133
DSH			16,984,971	22,646,628	22,646,628
IME			187,312,179	260,763,528	276,096,423
GME			39,848,293	55,474,137	58,736,016
Government and Nonprofit Clinics			0	0	0
Hospital Supplemental Payments			10,659,368	14,154,596	14,862,325
Physician Supplemental Payments			206,591,070	206,585,317	209,806,344
IME CPE- No GF			0	0	0
IGT Funded- DSH CRMC			0	0	0
IGT Funded- PSP Reg			0	0	0
IGT Funded- HSP			61,391,252	61,391,252	61,391,252
IGT Funded- NSONFSP			5,465,373	4,186,734	4,186,734
IGT Funded- SONFSP			24,897,811	19,072,901	19,072,901
IGT Funded G&N Clinics			0	0	0
Supplemental Payments Medicaid Non-Expansion	\$610,466,806	\$623,909,193	\$553,150,316	\$644,275,093	\$666,798,624
Enhanced Rate Payments Non-Expansion			1,577,673,582	1,724,845,618	1,821,503,259
Enhanced Rate Payments Expansion			1,482,088,994	1,591,380,974	1,680,559,465
Enhanced Rate Payments	2,095,648,449	2,823,998,441	\$3,059,762,576	\$3,316,226,592	\$3,502,062,724
Indian Health Care Base 100% Federal			59,037,693	72,908,160	82,878,815
			552,434	0	0
Tribal Clinic 100% Federal	\$0	\$7,377,365	\$59,590,127	\$72,908,160	\$82,878,815
Disallowances			0	0	0
Disallowance*	\$0	\$0	\$0	\$0	\$0

ACA Expansion Medallion 4.0			3,732,278,449	3,884,180,517	4,263,172,544
ACA Expansion CCC Plus			1,846,498,677	2,025,427,303	2,277,164,312
ACA Expansion Hospital Fee For Service			202,711,812	225,538,905	232,875,899
ACA Dental			129,150,411	142,116,535	145,102,717
ACA Expansion Other Fee for Service			184,856,585	139,531,149	140,542,027
ACA Expansion Rebates			(445,351,575)	(448,601,442)	(469,566,360)
Physician Supplemental Payments - Expansion			95,676,486	103,629,816	107,837,602
IME - Expansion			0	0	0
Government and Nonprofit Clinics Expansion			0	0	0
IGT Funded- PSP Expansion			63,103,391	62,903,139	62,903,139
Indian Health Care MedEx 100% Federal			15,183,235	22,707,043	32,571,678
			3,957,624	0	0
ACA Medicaid Expansion Excluding Enhanced Rates	4,577,011,495	5,664,372,638	\$5,828,065,095	\$6,157,432,963	\$6,792,603,557
Total DMAS Services	\$18,476,349,225	\$22,275,879,231	\$21,385,613,147	\$23,171,185,321	\$24,618,635,458
Total DMAS Services Without Medicaid Expansion	\$11,803,689,281	\$13,787,508,152	\$12,497,785,476	\$13,697,525,766	\$14,323,969,177

* While DMAS has not received a disallowance there is a potential liability of \$102,000,000

Month	Title XIX - Medicaid																	Title XXI - CHIP Population				Total Enrollment	
	Aged, Blind, and Disabled					Low-Income Adults and Children							ACA Expansion					Children		Adults			Total
	LTC & Non-LTC					QMBs (Limited Benefit)	Caretaker Adults	Pregnant Women	Children	Dept of Corrections (Limited Benefit)	Family Planning (Limited Benefit)	Total	Caretaker Adults	Childless Adults	Limited Benefit DOC and Emer Services	Total	Total	Medicaid	FAMIS	FAMIS	FAMIS		
	Non-LTC	LTC: Nf/ICF ID	LTC: Waiver	LTC: PACE	Total													MCHIP	FAMIS	FAMIS MOMS	Pre-Natal Coverage		
6/1/2017	151,212	20,246	47,622	1,312	220,392	60,574	115,789	15,936	488,363	0	112,320	743,833	0	0	0	0	1,024,799	54,576	62,102	1,115	0	117,793	1,142,592
7/1/2017	151,481	20,288	47,916	1,290	220,975	60,630	116,829	16,155	488,369	0	113,129	746,216	0	0	0	0	1,027,821	55,896	63,158	1,160	0	120,214	1,148,035
8/1/2017	151,585	20,458	48,379	1,314	221,736	60,863	117,693	16,218	488,949	0	113,898	748,698	0	0	0	0	1,031,297	56,921	63,970	1,154	0	122,045	1,153,342
9/1/2017	152,280	20,372	48,331	1,330	222,313	61,086	118,335	16,520	490,844	0	115,070	753,083	0	0	0	0	1,036,482	58,224	65,032	1,146	0	124,402	1,160,884
10/1/2017	152,116	20,476	48,717	1,323	222,631	60,911	118,989	16,287	492,473	0	116,297	756,551	0	0	0	0	1,040,094	59,285	66,047	1,097	0	126,229	1,166,323
11/1/2017	153,236	20,503	48,687	1,327	223,753	60,946	114,510	15,865	494,812	0	122,668	760,766	0	0	0	0	1,045,465	60,115	67,763	1,085	0	128,963	1,174,428
12/1/2017	154,069	20,474	48,343	1,332	224,218	61,059	114,406	15,565	495,050	0	124,027	762,426	0	0	0	0	1,047,703	61,027	68,495	1,114	0	130,636	1,178,339
1/1/2018	155,073	19,888	47,561	1,295	223,817	60,210	114,868	15,411	494,345	0	125,599	763,999	0	0	0	0	1,048,026	61,713	69,280	1,150	0	132,143	1,180,169
2/1/2018	154,206	20,087	48,406	1,330	224,029	60,271	115,466	15,547	496,175	0	126,954	768,207	0	0	0	0	1,052,507	62,537	69,982	1,208	0	133,727	1,186,234
3/1/2018	154,080	20,132	48,291	1,343	223,846	60,549	115,416	15,519	496,473	0	128,138	769,956	0	0	0	0	1,054,351	62,716	70,202	1,206	0	134,124	1,188,475
4/1/2018	154,451	20,041	48,515	1,351	224,358	60,984	115,691	15,531	499,183	0	129,706	774,867	0	0	0	0	1,060,209	63,243	70,392	1,170	0	134,805	1,195,014
5/1/2018	154,412	20,140	48,867	1,326	224,745	61,329	115,897	15,588	501,833	0	131,403	779,809	0	0	0	0	1,065,883	63,633	70,691	1,162	0	135,486	1,201,369
6/1/2018	154,361	20,137	49,184	1,329	225,011	61,484	115,987	15,852	503,581	0	132,576	783,491	0	0	0	0	1,069,986	63,976	71,140	1,166	0	136,282	1,206,268
7/1/2018	154,204	20,017	49,345	1,325	224,891	61,585	115,630	15,901	503,959	0	133,602	784,856	0	0	0	0	1,071,332	63,813	70,858	1,157	0	135,828	1,207,160
8/1/2018	153,975	19,941	49,667	1,343	224,926	61,604	115,734	15,851	503,201	0	133,612	784,394	0	0	0	0	1,070,924	63,529	70,315	1,140	0	134,984	1,205,908
9/1/2018	153,915	19,890	49,747	1,326	224,878	61,822	115,908	16,042	503,591	0	134,934	786,814	0	0	0	0	1,073,514	63,299	70,393	1,139	0	134,831	1,208,345
10/1/2018	154,416	19,695	49,094	1,324	224,529	61,621	116,026	15,660	503,829	0	136,074	788,167	0	0	0	0	1,074,317	63,391	70,459	1,124	0	134,974	1,209,291
11/1/2018	154,960	19,850	49,130	1,220	225,160	61,850	116,709	15,412	504,720	0	138,145	791,931	0	0	0	0	1,078,941	63,746	70,412	1,115	0	135,273	1,214,214
12/1/2018	154,494	19,992	49,430	1,191	225,107	62,028	117,174	15,200	504,963	0	141,391	795,813	0	0	0	0	1,082,948	64,008	70,995	1,171	0	136,174	1,219,122
1/1/2019	156,564	18,285	47,770	1,116	223,735	61,557	112,146	14,784	505,927	0	143,371	797,330	75,210	122,535	908	198,653	1,158,275	65,088	72,457	1,267	0	138,812	1,297,087
2/1/2019	154,367	19,377	48,939	1,168	223,851	62,056	110,438	14,804	508,153	0	143,375	797,874	82,626	136,024	1,930	220,580	1,181,361	65,522	72,502	1,305	0	139,329	1,320,690
3/1/2019	153,956	19,526	48,832	1,180	223,494	62,311	108,523	14,461	508,063	0	140,999	792,139	87,295	147,444	2,426	237,165	1,195,109	65,369	71,984	1,269	0	138,622	1,330,731
4/1/2019	153,932	19,601	49,033	1,182	223,748	62,872	107,765	14,295	510,094	0	140,909	793,071	91,561	161,154	2,877	255,592	1,215,283	65,666	71,649	1,278	0	138,593	1,353,876
5/1/2019	153,672	19,686	49,082	1,212	223,652	63,253	106,342	14,454	511,563	0	141,089	793,453	95,804	171,750	3,469	271,023	1,231,381	65,969	71,937	1,293	0	139,199	1,370,580
6/1/2019	153,130	19,929	49,562	1,247	223,868	63,840	105,663	14,474	513,684	0	141,289	795,110	99,250	180,903	4,313	284,466	1,247,284	66,297	71,936	1,368	0	139,601	1,386,885
7/1/2019	152,753	19,983	49,689	1,249	223,674	64,017	105,055	14,270	513,535	0	141,514	797,374	101,062	187,685	4,818	293,565	1,255,600	66,477	72,196	1,413	0	140,086	1,395,716
8/1/2019	152,377	19,831	49,929	1,290	223,427	64,235	105,110	14,176	513,577	0	141,557	797,420	102,847	195,055	5,256	303,158	1,265,240	66,531	72,648	1,426	0	140,605	1,405,845
9/1/2019	152,122	19,849	50,306	1,295	223,572	64,459	105,496	14,588	513,497	0	141,635	797,216	104,334	202,304	5,988	312,626	1,275,873	66,658	73,737	1,456	0	141,851	1,417,724
10/1/2019	151,979	19,878	50,602	1,318	223,777	64,493	106,542	13,933	514,274	0	142,114	797,863	106,476	209,026	7,518	323,020	1,288,153	67,165	74,393	1,467	0	143,025	1,431,178
11/1/2019	151,791	19,926	50,780	1,327	223,824	64,803	107,149	13,671	515,211	0	142,963	798,994	107,272	209,855	9,743	326,870	1,298,491	67,404	74,571	1,466	0	143,441	1,437,932
12/1/2019	151,475	20,075	51,069	1,326	223,945	64,964	107,325	13,360	517,140	0	143,648	801,473	110,918	220,369	11,760	343,047	1,313,429	70,767	74,315	1,591	0	146,673	1,460,102
1/1/2020	152,856	19,325	50,000	1,252	223,433	64,820	108,002	13,158	521,198	0	144,140	806,498	116,369	240,694	15,035	372,098	1,346,849	75,187	74,349	1,719	0	151,255	1,498,104
2/1/2020	150,843	19,734	51,181	1,317	223,075	64,651	107,909	13,275	521,131	0	145,215	807,530	117,421	245,801	18,705	381,927	1,357,183	75,211	74,943	1,687	0	151,841	1,509,024
3/1/2020	150,727	19,841	51,199	1,306	223,073	64,416	108,369	13,168	521,899	0	145,893	809,329	117,940	250,300	18,749	386,989	1,363,807	75,329	75,296	1,563	0	152,188	1,515,995
4/1/2020	151,824	19,827	51,249	1,333	224,233	64,790	109,412	13,741	525,735	0	146,521	809,409	118,821	257,707	20,095	396,623	1,381,055	75,899	76,074	1,642	0	153,615	1,534,670
5/1/2020	154,988	19,825	52,001	1,387	228,201	66,320	115,774	15,770	542,608	0	145,224	793,976	122,540	274,148	19,803	416,491	1,430,388	76,873	76,837	1,772	0	155,482	1,585,870
6/1/2020	155,095	20,054	52,557	1,400	229,106	66,595	118,311	16,939	549,695	0	145,026	792,971	124,160	282,362	19,578	426,100	1,451,772	77,419	76,671	1,841	0	155,931	1,607,703
7/1/2020	155,468	20,002	52,972	1,414	229,856	66,796	120,535	18,011	556,991	0	144,946	740,483	125,736	290,991	19,454	436,181	1,473,916	77,996	76,574	1,936	0	156,500	1,629,822
8/1/2020	156,262	20,039	53,142	1,402	230,845	67,011	122,711	18,737	560,998	0	145,371	747,817	127,198	301,792	19,249	448,239	1,493,912	78,089	77,112	1,739	0	156,940	1,650,852
9/1/2020	156,468	19,902	53,387	1,430	231,187	67,020	124,596	18,918	566,635	0	145,731	755,880	128,844	310,639	19,081	458,564	1,512,651	78,262	77,063	1,567	0	156,892	1,669,543
10/1/2020	157,104	19,797	53,414	1,439	231,754	67,030	126,847	19,504	573,039	0	145,407	764,797	130,381	320,382	18,930	469,693	1,533,274	78,176	77,375	1,505	0	157,056	1,690,330
11/1/2020	157,454	19,696	53,769	1,450	232,669	67,092	128,484	20,215	583,468	0	145,195	772,362	132,110	329,002	18,718	479,830	1,551,653	78,244	77,987	1,495	0	157,276	1,709,379
12/1/2020	157,829	19,591	54,134	1,457	233,011	67,122	130,390	20,563	588,361	0	145,421	779,735	134,066	341,606	18,568	494,240	1,574,108	78,999	78,599	1,529	0	157,929	1,733,405
1/1/2021	158,168	19,221	54,344	1,475	233,208	67,013	132,417	20,961	588,886	0	145,743	788,007	136,220	356,507	18,392	511,119	1,599,347	79,937	79,598	1,572	0	161,107	1,760,454
2/1/2021	158,198	19,825	54,572	1,473	233,168	66,976	133,948																

8/1/2023	152,838	20,315	60,838	1,744	235,735	61,180	155,285	28,984	657,294	13,013	51,892	906,468	160,164	541,336	28,267	729,767	1,933,150	99,674	83,045	3,220	4,721	190,660	2,123,810
9/1/2023	151,994	20,352	59,968	1,720	234,034	61,586	153,226	28,890	645,387	13,825	52,079	893,407	155,956	535,501	28,942	720,399	1,909,426	97,114	83,250	3,267	4,716	188,347	2,097,773
10/1/2023	153,000	19,710	59,894	1,784	234,388	62,546	155,391	29,925	656,062	14,725	53,292	909,395	158,627	548,466	29,874	736,967	1,943,296	100,486	88,456	3,366	4,657	196,965	2,140,261
11/1/2023	151,026	20,408	59,992	1,744	233,170	62,922	151,800	29,233	637,996	15,318	53,739	888,086	152,981	533,569	31,077	717,627	1,901,805	95,147	83,955	3,324	4,742	187,168	2,088,973
12/1/2023	150,067	20,458	59,808	1,745	232,078	63,184	149,773	28,843	627,830	15,854	54,185	876,485	149,899	527,413	32,164	709,476	1,881,223	92,880	83,822	3,239	4,753	184,694	2,065,917
1/1/2024	149,316	20,503	59,629	1,747	231,195	63,359	147,746	28,453	617,667	16,332	54,632	864,830	150,418	533,910	33,134	717,462	1,876,846	90,612	84,065	3,272	4,761	182,710	2,059,556
2/1/2024	148,774	20,544	59,454	1,748	230,520	63,470	145,719	28,062	607,502	16,753	55,079	853,115	147,367	527,723	33,988	709,078	1,856,183	88,345	84,291	3,293	4,769	180,698	2,036,881
3/1/2024	148,441	20,580	59,280	1,749	230,050	63,533	143,692	27,672	597,331	17,116	55,525	841,336	144,344	521,507	34,726	700,577	1,835,496	86,077	84,502	3,308	4,776	178,663	2,014,159
4/1/2024	148,441	20,613	59,108	1,749	229,911	63,559	142,043	27,354	587,172	17,423	55,972	829,964	141,349	515,264	35,347	691,960	1,815,394	83,809	84,697	3,324	4,781	176,611	1,992,005
5/1/2024	148,441	20,643	58,983	1,750	229,817	63,557	140,395	27,037	582,086	17,672	56,215	823,405	139,231	508,144	35,852	683,227	1,800,006	81,542	84,879	3,322	4,786	174,529	1,974,535
6/1/2024	148,444	20,669	58,869	1,750	229,732	63,536	140,537	27,064	583,263	17,863	56,457	825,184	139,267	508,880	36,241	684,388	1,802,840	81,841	85,048	3,338	4,790	175,017	1,977,857
7/1/2024	148,447	20,693	58,880	1,751	229,771	63,499	140,668	27,090	584,505	17,998	56,700	826,961	139,304	509,617	36,514	685,435	1,805,666	82,141	85,205	3,372	4,794	175,512	1,981,178
8/1/2024	148,449	20,715	58,892	1,751	229,807	63,450	140,799	27,115	585,909	18,075	56,943	828,841	139,340	510,354	36,670	686,364	1,808,462	82,440	85,352	3,393	4,797	175,982	1,984,444
9/1/2024	148,452	20,734	58,903	1,752	229,841	63,393	140,934	27,141	587,084	18,125	57,185	830,469	139,376	511,092	36,772	687,240	1,810,943	82,740	85,488	3,407	4,800	176,435	1,987,378
10/1/2024	148,455	20,752	58,915	1,752	229,874	63,329	141,083	27,170	588,242	18,175	57,428	832,098	139,411	511,829	36,873	688,113	1,813,414	83,040	85,614	3,424	4,802	176,880	1,990,294
11/1/2024	148,458	20,768	58,927	1,752	229,905	63,261	141,226	27,197	589,392	18,225	57,671	833,711	139,446	512,567	36,975	688,988	1,815,865	83,339	85,732	3,421	4,804	177,296	1,993,161
12/1/2024	148,460	20,782	58,939	1,752	229,933	63,189	141,362	27,223	590,637	18,275	57,913	835,410	139,481	513,306	37,076	689,863	1,818,395	83,639	85,841	3,437	4,806	177,723	1,996,118
1/1/2025	148,463	20,795	58,951	1,752	229,961	63,114	141,499	27,250	591,855	18,325	58,156	837,085	143,650	529,277	37,177	710,104	1,840,264	83,938	85,943	3,471	4,807	178,159	2,018,423
2/1/2025	148,466	20,806	58,962	1,753	229,987	63,037	141,635	27,276	593,072	18,375	58,399	838,757	143,680	530,020	37,279	710,979	1,842,760	84,238	86,038	3,492	4,808	178,576	2,021,336
3/1/2025	148,469	20,816	58,974	1,753	230,012	62,958	141,772	27,302	594,289	18,425	58,641	840,429	143,710	530,763	37,380	711,853	1,845,252	84,537	86,126	3,506	4,809	178,978	2,024,230
4/1/2025	148,471	20,826	58,986	1,753	230,036	62,879	141,909	27,329	595,507	18,475	58,884	842,104	143,740	531,507	37,482	712,729	1,847,748	84,837	86,208	3,523	4,810	179,378	2,027,126
5/1/2025	148,474	20,834	58,998	1,753	230,059	62,798	142,045	27,355	596,724	18,525	59,127	843,776	143,769	532,251	37,583	713,603	1,850,236	85,136	86,284	3,520	4,811	179,751	2,029,987
6/1/2025	148,477	20,842	59,010	1,753	230,082	62,717	142,182	27,381	597,941	18,575	59,369	845,448	143,798	532,995	37,685	714,478	1,852,725	85,436	86,354	3,537	4,812	180,139	2,032,864
7/1/2025	148,480	20,848	59,021	1,753	230,102	62,636	142,319	27,408	599,158	18,625	59,612	847,122	143,827	533,739	37,786	715,352	1,855,212	85,736	86,420	3,570	4,812	180,538	2,035,750
8/1/2025	148,482	20,855	59,033	1,753	230,123	62,554	142,455	27,434	600,375	18,675	59,855	848,794	143,855	534,484	37,887	716,226	1,857,697	86,035	86,482	3,591	4,813	180,921	2,038,618
9/1/2025	148,485	20,860	59,045	1,753	230,143	62,471	142,592	27,460	601,592	18,725	60,097	850,466	143,884	535,229	37,989	717,102	1,860,182	86,335	86,538	3,606	4,813	181,292	2,041,474
10/1/2025	148,488	20,865	59,057	1,753	230,163	62,389	142,729	27,486	602,809	18,775	60,340	852,139	143,911	535,974	38,090	717,975	1,862,666	86,634	86,591	3,622	4,814	181,661	2,044,327
11/1/2025	148,491	20,869	59,069	1,753	230,182	62,306	142,865	27,513	604,026	18,825	60,583	853,812	143,939	536,720	38,192	718,851	1,865,151	86,934	86,641	3,620	4,814	182,009	2,047,160
12/1/2025	148,493	20,873	59,081	1,753	230,200	62,224	143,002	27,539	605,243	18,875	60,825	855,484	143,966	537,466	38,293	719,725	1,867,633	87,233	86,686	3,636	4,814	182,369	2,050,002
1/1/2026	148,496	20,877	59,092	1,753	230,218	62,141	143,139	27,565	606,460	18,925	61,068	857,157	148,264	554,177	38,395	740,836	1,890,352	87,533	86,729	3,669	4,814	182,745	2,073,097
2/1/2026	148,499	20,880	59,104	1,753	230,236	62,058	143,275	27,592	607,676	18,975	61,311	858,829	148,287	554,928	38,496	741,711	1,892,834	87,832	86,769	3,690	4,815	183,106	2,075,940
3/1/2026	148,502	20,883	59,116	1,753	230,254	61,975	143,412	27,618	608,893	19,025	61,553	860,501	148,309	555,679	38,598	742,586	1,895,316	88,132	86,806	3,705	4,815	183,458	2,078,774
4/1/2026	148,504	20,886	59,128	1,753	230,271	61,892	143,548	27,644	610,109	19,075	61,796	862,172	148,331	556,430	38,699	743,460	1,897,795	88,432	86,840	3,723	4,815	183,810	2,081,605
5/1/2026	148,507	20,888	59,140	1,753	230,288	61,809	143,685	27,671	611,326	19,125	62,039	863,846	148,353	557,181	38,800	744,334	1,900,277	88,731	86,872	3,716	4,815	184,134	2,084,411
6/1/2026	148,510	20,890	59,152	1,753	230,305	61,726	143,822	27,697	612,542	19,175	62,281	865,517	148,374	557,933	38,902	745,209	1,902,757	89,031	86,901	3,708	4,815	184,455	2,087,212

Blue are projected values