



COMMONWEALTH of VIRGINIA

Department of Medical Assistance Services

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DIRECTOR

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November 1, 2022

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: 2022 Department of Medical Assistance Services Official Medicaid Forecast

Dear Chairman Howell, Chairman Knight, and Director Maul:

Pursuant to Item 308.A. of the 2022 Appropriation Act, I am providing you with the official forecasts for Virginia General Medicaid, Behavioral Health, and Long-Term Care expenditures for fiscal years 2023 through 2025. As required by that Item, I also am providing an enrollment forecast for the same forecast 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, 2022
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If you have any questions or need additional information, please contact my Chief Financial Officer, Mr. Chris Gordon, at (804) 318-7781 or by email chris.gordon@dmass.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 Roberts', with a stylized, flowing script.

Cheryl 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, 2022

	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>
Managed Care - Low Income Adults			1,145,489,514	1,123,388,780	1,092,546,519
Managed Care - Low Income Children			1,803,423,214	1,843,545,943	1,879,177,661
Health Insurer Fee (HIF or ACA Tax) Medallion 4.0			0	0	0
M4.0 Performance Withhold Program			19,459,883	30,985,448	30,987,094
M4.0 Clinical Efficiency Withhold Program			7,399,139	7,746,362	7,746,773
Expenditure Refunds			(830,532)	(830,532)	(830,532)
FY Actual/Weekly Delay Adjustment			(103,435)	0	0
Managed Care - LIFC	\$2,595,706,563	\$2,831,880,548	\$2,974,837,781	\$3,004,836,001	\$3,009,627,515
Managed Care - Aged, Blind, Disabled			0	0	0
Managed Care - ALTC/HAP			0	0	0
Managed Care - Foster Care and Adoptive Assistance			111,677,192	115,955,211	120,131,624
			0	0	0
ACA Tax - combined in the LIFC line			0	0	0
FY Actual/Weekly Delay Adjustment			97,913	0	0
Managed Care - ABD and Foster Care	\$102,781,197	\$106,377,152	\$111,775,105	\$115,955,211	\$120,131,624
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			139,851,328	152,011,873	160,203,912
CCC+ Nursing Home			871,529,944	925,948,748	961,119,891
CCC+ NH Eligible Community			2,602,753,239	2,694,637,168	2,739,387,056
CCC+ Non Long Term Care			2,137,964,658	2,211,561,867	2,304,452,227
CCC+ Tech			62,564,335	64,302,461	65,992,301
Value Based Purchasing for Nursing Homes			0	59,311,250	108,100,000
Discrete Incentive Payments			300,000	300,000	300,000
CCC+ Performance Withhold Program			48,425,159	58,863,692	61,225,154
CCC+ Clinical Efficiency Withhold Program			14,647,310	14,715,923	15,306,289
FY Actual/Weekly Delay Adjustment			(1)	0	0
Managed Care - CCC+	\$5,208,840,300	\$5,643,740,581	\$5,878,035,973	\$6,181,652,982	\$6,416,086,830
Pharmacy MCO Rebates			(348,072,610)	(349,211,761)	(349,764,282)
Pharmacy MCO Rebates	(\$359,811,921)	(\$332,193,230)	(\$348,072,610)	(\$349,211,761)	(\$349,764,282)
Inpatient Acute- General Hospital			108,144,854	117,592,795	128,678,018
Inpatient Crossover			4,486,481	4,413,356	4,404,801
Inpatient Acute- Other Facility			1,740,515	1,893,373	2,092,005
Rehabilitation Hospital			883,978	960,741	1,028,483
Expenditure Refunds			(943,237)	(943,237)	(943,237)
FY Actual/Weekly Delay Adjustment			2,190,668	0	0
Inpatient Hospital	\$161,744,285	\$132,510,093	\$116,503,258	\$123,917,029	\$135,260,070
Outpatient			10,332,820	11,582,373	12,335,740
Outpatient - Emergency Department			9,574,871	10,639,101	11,383,076
Outpatient Crossover			6,412,743	6,469,773	6,513,170
Lab/X-ray			1,699,521	1,741,145	1,736,179
FY Actual/Weekly Delay Adjustment			343,461	0	0
Outpatient Hospital	\$26,050,989	\$23,358,828	\$28,363,417	\$30,432,391	\$31,968,165
Physicians			19,681,043	19,789,995	19,802,302
Physician Crossover			5,507,007	5,654,860	5,641,750
EPSDT Screenings			4,297,821	4,239,297	4,237,281
Other Practitioners			1,297,205	1,297,990	1,299,096
FY Actual/Weekly Delay Adjustment			867,236	0	0
Physician/Practitioner Services	\$57,040,050	\$40,693,410	\$31,650,312	\$30,982,143	\$30,980,428
Physical Therapy Clinics			322,144	311,504	312,814
DOE/School Clinics (100% NGF)			44,532,845	44,430,811	45,012,726
FQHC			61,273,833	60,876,959	60,885,970
Other Clinics			19,454,964	18,845,625	18,814,538
Expenditure Refunds			0	0	0
FY Actual/Weekly Delay Adjustment			2,545,983	0	0
Clinic Services	\$111,300,637	\$119,419,184	\$128,129,769	\$124,464,899	\$125,026,048
Pharmacy			10,282,976	10,750,757	11,026,952
FY Actual/Weekly Delay Adjustment			259,947	0	0
Pharmacy	\$9,755,556	\$9,715,594	\$10,542,923	\$10,750,757	\$11,026,952

Pharmacy FFS Rebates			(10,334,988)	(10,334,988)	(10,334,988)
Pharmacy FFS Rebates	(\$9,086,033)	(\$11,583,943)	(\$10,334,988)	(\$10,334,988)	(\$10,334,988)
Categorically Needy, Pt A			32,493,553	33,479,393	35,022,126
Categorically Needy, Pt B			421,168,909	397,575,055	381,906,953
Medically Needy, Pt B (100% GF)			36,145,522	37,344,090	39,635,844
FY Actual/Weekly Delay Adjustment			33,683	0	0
Medicare Premiums Part A & B	\$386,967,865	\$447,252,870	\$489,841,667	\$468,398,538	\$456,564,923
Medicare Part D	\$243,779,497	\$256,654,901	\$341,324,302	\$349,029,023	\$350,842,637
Dental			238,376,112	242,781,636	247,565,708
FY Actual/Weekly Delay Adjustment			(0)	0	0
Dental	\$140,104,341	\$173,436,210	\$238,376,112	\$242,781,636	\$247,565,708
Non-Emergency Transportation			57,867,202	57,827,824	57,825,407
Emergency Transportation			525,712	534,856	535,229
FY Actual/Weekly Delay Adjustment			60,521	0	0
Transportation	\$74,208,795	\$62,583,540	\$58,453,436	\$58,362,680	\$58,360,636
HIPP			8,960,579	8,938,526	8,938,526
Hospice			7,773,108	7,723,290	7,731,480
Home Health			154,547	159,642	170,692
Medical Appliances			4,705,984	4,971,621	5,069,387
FY Actual/Weekly Delay Adjustment			268,409	0	0
All Other	\$28,992,523	\$23,842,639	\$21,862,628	\$21,793,078	\$21,910,084
Nursing Facility			153,987,331	171,125,412	189,408,088
Expenditure Refunds			(189,527)	(189,527)	(189,527)
FY Actual/Weekly Delay Adjustment			(108,464)	0	0
Nursing Facility	\$95,964,049	\$105,508,661	\$153,689,340	\$170,935,885	\$189,218,561
ICF/MR/Private			126,137,284	130,391,382	133,808,197
Expenditure Refunds			(903,289)	(903,289)	(903,289)
FY Actual/Weekly Delay Adjustment			1,565,603	0	0
ICF/MR/Private	\$123,026,063	\$118,652,380	\$126,799,598	\$129,488,093	\$132,904,908
PACE			93,436,501	97,877,274	101,773,023
FY Actual/Weekly Delay Adjustment			20,923	0	0
PACE	\$81,925,956	\$89,852,990	\$93,457,424	\$97,877,274	\$101,773,023
PersCare, Respite, Companion: Agency			62,894,646	64,879,726	65,977,885
PersCare, Respite, Companion: CD			241,889,009	238,092,906	241,624,437
550 + 435 DD Waiver Slots Personal Care Costs			14,358,812	14,358,812	14,358,812
600 DD Waiver Slots Personal Care Costs				7,431,899	7,431,899
Expenditure Refunds			(5,674,528)	(5,674,528)	(5,674,528)
FY Actual/Weekly Delay Adjustment			231,551	0	0
Waiver: Personal Support	\$198,778,834	\$257,196,773	\$313,699,490	\$319,088,816	\$323,718,504
Habilitation - Congregate Residential			681,409,946	693,638,883	695,022,924
Habilitation - Sponsored Residential			254,673,938	259,763,561	264,935,990
Habilitation - InHome Residential			132,162,600	133,812,259	136,893,507
Habilitation - Day Support			152,842,691	165,832,197	172,806,899
Habilitation - Other I/DD Services			31,055,399	31,941,553	32,905,335
550 + 435 DD Waiver Slots			35,928,820	35,928,820	35,928,820
600 DD Waiver Slots				18,596,201	18,596,201
FY Actual/Weekly Delay Adjustment			16,853,843	0	0
Waiver: Habilitation	\$821,495,799	\$951,652,508	\$1,304,927,237	\$1,339,513,475	\$1,357,089,675
Adult Day Care			68,472	66,190	66,190
Skilled Nursing Services			66,077,329	68,291,306	68,319,585
EM/AT/PERS			1,471,317	1,420,380	1,438,336
FY Actual/Weekly Delay Adjustment			1,260,132	0	0
Waiver: Nursing, EM/AT, Adult Day Care	\$38,047,587	\$42,324,351	\$68,877,251	\$69,777,876	\$69,824,111
ID Case Management			66,618,563	66,385,642	66,631,167
DD Case Management			7,996,757	8,427,583	8,726,200
CD Facilitation			5,188,338	5,315,654	5,479,381
FY Actual/Weekly Delay Adjustment			780,603	0	0
Waiver: Case Mgmt & Support Services	\$63,196,636	\$69,753,292	\$80,584,260	\$80,128,879	\$80,836,748

MH Case Management			1,250,674	1,235,623	1,251,994
TBI Case Management			0	3,227,462	3,289,001
FY Actual/Weekly Delay Adjustment			0	0	0
MH Case Management	\$1,314,911	\$1,160,644	\$1,250,675	\$4,463,085	\$4,540,995
Inpatient Residential			7,083,996	7,585,161	7,563,194
FY Actual/Weekly Delay Adjustment			0	0	0
MH Residential	\$17,036,735	\$10,235,089	\$7,083,996	\$7,585,161	\$7,563,194
State Plan Option/MH Rehab			6,049,886	5,725,496	5,702,845
FY Actual/Weekly Delay Adjustment			(1,908)	0	0
MH Rehabilitative	\$6,528,444	\$6,491,288	\$6,047,978	\$5,725,496	\$5,702,845
Early Intervention			232,569	235,103	235,220
EPSDT Authorized Services			15,175,196	15,109,578	15,168,037
FY Actual/Weekly Delay Adjustment			(343,177)	0	0
MH EI/EPSDT Authorized	\$15,789,100	\$12,706,122	\$15,064,588	\$15,344,681	\$15,403,257
DSH			26,870,178	28,855,175	30,551,859
IME			255,735,298	185,278,243	196,172,603
GME			80,568,434	89,635,728	94,906,309
Government and Nonprofit Clinics			48,114	48,114	48,114
Hospital Supplemental Payments			13,288,032	19,368,850	20,507,739
Physician Supplemental Payments			120,380,938	120,380,938	120,380,938
IME CPE- No GF			38,107,576	38,107,576	38,107,576
IGT Funded- DSH CRMC			5,198,293	0	0
IGT Funded- PSP Reg			9,383,680	9,962,274	10,108,475
IGT Funded- HSP			26,842,950	34,348,434	36,368,122
IGT Funded- NSONFSP			4,200,076	3,410,525	3,410,525
IGT Funded- SONFSP			10,970,225	12,902,669	13,202,731
IGT Funded G&N Clinics			42,059	42,059	42,059
Supplemental Payments Medicaid Non-Expansion	\$437,368,552	\$610,466,806	\$591,635,852	\$542,340,583	\$563,807,047
Enhanced Rate Payments Non-Expansion			1,192,717,754	1,223,502,972	1,295,444,947
Enhanced Rate Payments Expansion			1,199,434,546	1,224,915,050	1,296,940,055
Enhanced Rate Payments	1,539,143,788	2,095,648,449	\$2,392,152,300	\$2,448,418,022	\$2,592,385,002
Indian Health Care 100% Federal			8,190,871	8,297,109	8,297,109
			0	0	
Tribal Clinic 100% Federal	\$0	\$1,920,069	\$8,190,871	\$8,297,109	\$8,297,109
Disallowances			0	0	0
Disallowance	\$0	\$0	\$0	\$0	\$0
ACA Expansion Medallion 4.0			3,865,150,003	3,952,962,519	3,997,154,668
ACA Expansion CCC Plus			1,603,993,415	1,715,739,111	1,799,735,425
ACA Expansion Hospital Fee For Service			221,969,320	238,239,467	254,532,038
ACA Dental			102,574,567	106,225,114	109,402,001
ACA Expansion Other Fee for Service			115,891,432	128,465,815	137,338,579
ACA Expansion Rebates			(395,923,404)	(370,120,011)	(362,105,448)
Physician Supplemental Payments - Expansion			87,604,088	87,604,088	87,604,088
IME - Expansion			36,188,017	25,843,633	27,363,239
Government and Nonprofit Clinics Expansion			95,636	95,636	95,636
IGT Funded- PSP Expansion			25,921,216	31,635,947	33,115,035
			0	0	0
ACA Medicaid Expansion Excluding Enhanced Rates	3,680,611,147	4,577,011,495	\$5,663,464,290	\$5,916,691,318	\$6,084,235,260
Total DMAS Services	\$15,898,602,244	\$18,476,349,225	\$20,898,214,235	\$21,559,485,370	\$22,192,552,587
Total DMAS Services Without Medicaid Expansion	\$10,678,847,309	\$11,803,689,281	\$12,842,597,645	\$13,194,376,031	\$13,515,932,325

Virginia Department of Medical Assistance Services
Report: DMAS Medicaid Forecast
November 1, 2022

	FY 2020	FY 2021	FY 2022
	Actual Expenditures	Actual Expenditures	Actual Expenditures
General Medical Care: MCOs (45609)	6,690,992,094	7,547,516,139	8,249,805,051
Capitation Payments: Low-Income Adults & Children	2,332,813,391	2,595,706,563	2,831,880,548
Capitation Payments: ABD and Foster Care	95,736,540	102,781,197	106,377,152
Capitation Payments: Duals/CCC Program	8,722,877	0	0
Capitation Payments: CCC+ Program	4,595,484,674	5,208,840,300	5,643,740,581
MCO Pharmacy Rebates	(341,765,387)	(359,811,921)	(332,193,230)
General Medical Care: Fee-For-Service (45609)	1,213,009,797	1,230,858,505	1,279,803,396
Inpatient Hospital	198,017,766	161,744,285	132,510,093
Outpatient Hospital	38,836,892	26,050,989	23,358,828
Physician/Practitioner Services	61,182,701	57,040,050	40,693,410
Clinic Services	101,016,626	111,300,637	119,419,184
Pharmacy	12,438,442	9,755,556	9,715,594
FFS Pharmacy Rebates	(38,993,795)	(9,086,033)	(11,583,943)
Medicare Premiums Part A & B	351,461,164	386,967,865	447,252,870
Medicare Premiums Part D	273,488,455	243,779,497	256,654,901
Dental	129,243,573	140,104,341	173,436,210
Transportation	51,949,519	74,208,795	62,583,540
100% Federal IHC	0	0	1,920,069
All Other	34,368,454	28,992,523	23,842,639
Behavioral Health & Rehabilitative Services (45608)	44,121,579	40,669,189	30,593,142
Mental Health Case Management	1,566,416	1,314,911	1,160,644
Mental Health Residential Services	16,642,360	17,036,735	10,235,089
Mental Health Rehabilitative Services	9,315,979	6,528,444	6,491,288
Early Intervention & EPSDT-Authorized Services	16,596,824	15,789,100	12,706,122
Long-Term Care Services (45610)	1,459,050,844	1,422,434,924	1,634,940,954
Nursing Facility	154,624,965	95,964,049	105,508,661
Private ICF/MRs	122,044,155	123,026,063	118,652,380
Program of All-Inclusive Care for the Elderly (PACE)	70,787,795	81,925,956	89,852,990
HCBC Waivers: Personal Support	176,304,395	198,778,834	257,196,773
HCBC Waivers: Habilitation	833,339,096	821,495,799	951,652,508
HCBC Waivers: Case Management & Support	63,773,104	63,196,636	69,753,292
HCBC Waivers: Nursing, EM/AT, Adult Day Care, Alzheimer	38,177,334	38,047,587	42,324,351
Hospital Payments (45609)	462,702,384	437,368,552	610,466,806
DSH/GME/IME/PSPs*			
Certified Public Expenditures			
Intergovernmental Transfers			
Medicaid Expansion Medical (45611)	2,791,202,474	3,680,611,147	4,577,011,495
ACA Expansion Managed Care			
ACA Expansion Hospital Fee For Service			
ACA Expansion Other Fee for Service			
ACA Pharmacy Rebates			
ACA Expansion Hospital Payments			
ACA Expansion Intergovernmental Transfers			
Rate Assessment (45611)	1,035,546,234	1,539,143,788	2,095,648,449
ACA Expansion Rate Assessments			
Base Medicaid Rate Assessments			
ARPA Funds through 456			
State Funds			
Federal Funds			
Coverage Assessment			
Total Medicaid - DMAS	13,696,625,407	15,898,602,244	18,478,269,294
Annual Percentage Growth Base Medicaid Only	8.6%	8.2%	10.6%
Annual Percentage Growth	15.8%	16.1%	16.2%

State Funds	6,135,661,148	5,856,335,829	279,325,319
Federal Funds	12,525,452,852	13,823,727,869	(1,298,275,017)
Coverage Assessment	527,230,629	563,754,307	(36,523,678)
Rate Assessment	505,477,129	654,396,229	(148,919,100)
Hospitals IGT		0	
TOTAL Funds	19,693,821,758	20,898,214,235	(1,204,392,477)

*Disproportionate Share Hospital/Graduate Medical Education/Indirect Medical Education/Physician Supplemental Payments

	Fiscal Year 2023	
	Current Appropriation	Forecast Surplus/(Need)
		8,616,576,249
		2,974,837,781
		111,775,105
		0
		5,878,035,973
		(348,072,610)
		1,462,903,707
		116,503,258
		28,363,417
		31,650,312
		128,129,769
		10,542,923
		(10,334,988)
		489,841,667
		341,324,302
		238,376,112
		58,453,436
		8,190,871
		21,862,628
		29,447,237
		1,250,675
		7,083,996
		6,047,978
		15,064,588
		2,142,034,600
		153,689,340
		126,799,598
		93,457,424
		313,699,490
		1,304,927,237
		80,584,260
		68,877,251
		591,635,852
		496,890,993
		38,107,576
		56,637,283
		5,663,464,290
		5,469,143,418
		221,969,320
		218,465,999
		(395,923,404)
		123,887,740
		25,921,216
		2,392,152,300
		1,199,434,546
		1,192,717,754
		0
		0
		0
		0
		0
19,693,821,758	20,898,214,235	(1,204,392,477)
	8.6%	
	13.1%	

6,135,661,148	5,856,335,829	279,325,319
12,525,452,852	13,823,727,869	(1,298,275,017)
527,230,629	563,754,307	(36,523,678)
505,477,129	654,396,229	(148,919,100)
	0	
19,693,821,758	20,898,214,235	(1,204,392,477)

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	Fiscal Year 2024	
	Current Appropriation	Forecast Surplus/(Need)
		8,953,232,433
		3,004,836,001
		115,955,211
		0
		6,181,652,982
		(349,211,761)
		1,458,874,295
		123,917,029
		30,432,391
		30,982,143
		124,464,899
		10,750,757
		(10,334,988)
		468,398,538
		349,029,023
		242,781,636
		58,362,680
		8,297,109
		21,793,078
		33,118,423
		4,463,085
		7,585,161
		5,725,496
		15,344,681
		2,206,810,298
		170,935,885
		129,488,093
		97,877,274
		319,088,816
		1,339,513,475
		80,128,879
		69,777,876
		542,340,583
		443,567,047
		38,107,576
		60,665,960
		5,916,691,318
		5,668,701,630
		238,239,467
		234,690,929
		(370,120,011)
		113,543,357
		31,635,947
		2,448,418,022
		1,224,915,050
		1,223,502,972
		0
		0
		0
		0
		0
20,191,149,360	21,559,485,370	(1,368,336,010)
	2.7%	
	3.2%	

6,566,784,374	6,579,050,758	(12,266,384)
12,585,992,924	13,670,942,969	(1,084,950,045)
522,336,213	588,505,537	(66,169,324)
516,035,849	720,986,106	(204,950,257)
	0	
20,191,149,360	21,559,485,370	(1,368,336,010)

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	Fiscal Year 2025	
	Current Appropriation	Forecast Surplus/(Need)
		9,196,081,686
		3,009,627,515
		120,131,624
		0
		6,416,086,830
		(349,764,282)
		1,467,467,772
		135,260,070
		31,968,165
		30,980,428
		125,026,048
		11,026,952
		(10,334,988)
		456,564,923
		350,842,637
		247,565,708
		58,360,636
		8,297,109
		21,910,084
		33,210,290
		4,540,995
		7,563,194
		5,702,845
		15,403,257
		2,255,365,529
		189,218,561
		132,904,908
		101,773,023
		323,718,504
		1,357,089,675
		80,836,748
		69,824,111
		563,807,047
		462,567,561
		38,107,576
		63,131,910
		6,084,235,260
		5,796,890,093
		254,532,038
		246,740,580
		(362,105,448)
		115,062,962
		33,115,035
		2,592,385,002
		1,296,940,055
		1,295,444,947
		0
		0
		0
		0
		0
20,191,149,360	22,192,552,587	(2,001,403,227)
	2.4%	
	2.9%	

6,566,784,374	6,717,485,707	(150,701,333)
12,585,992,924	14,108,342,807	(1,522,349,883)
522,336,213	605,112,023	(82,775,810)
516,035,849	761,612,051	(245,576,202)
	0	
20,191,149,360	22,192,552,587	(2,001,403,227)

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Month	Title XIX - Medicaid														
	Aged, Blind, and Disabled						Low-Income Adults and Children					ACA Expansion			Total
	LTC & Non-LTC					QMBs (Limited Benefit)	Caretaker Adults	Pregnant Women	Children	Family Planning (Limited Benefit)	Total	Caretaker Adults	Childless Adults	Total	
	Non-LTC	LTC: NF/ICF MR	LTC: Waiver	LTC: PACE	Total										
6/1/2017	151,212	20,246	47,622	1,312	220,392	60,574	115,789	15,936	488,363	112,320	743,833	0	0	0	1,024,799
7/1/2017	151,481	20,288	47,916	1,290	220,975	60,630	116,829	16,155	488,369	113,129	746,216	0	0	0	1,027,821
8/1/2017	151,585	20,458	48,379	1,314	221,736	60,863	117,693	16,218	488,949	113,898	748,698	0	0	0	1,031,297
9/1/2017	152,280	20,372	48,331	1,330	222,313	61,086	118,335	16,520	490,844	115,070	753,083	0	0	0	1,036,482
10/1/2017	152,116	20,476	48,717	1,323	222,632	60,911	118,989	16,287	492,473	116,297	756,551	0	0	0	1,040,094
11/1/2017	153,236	20,503	48,687	1,327	223,753	60,946	114,510	15,865	494,812	122,668	760,766	0	0	0	1,045,465
12/1/2017	154,069	20,474	48,343	1,332	224,218	61,059	114,406	15,565	495,050	124,027	762,426	0	0	0	1,047,703
1/1/2018	155,073	19,888	47,561	1,295	223,817	60,210	114,868	15,411	494,345	125,599	763,999	0	0	0	1,048,026
2/1/2018	154,206	20,087	48,406	1,330	224,029	60,271	115,466	15,547	496,175	126,954	768,207	0	0	0	1,052,507
3/1/2018	154,080	20,132	48,291	1,343	223,846	60,549	115,416	15,519	496,473	128,138	769,956	0	0	0	1,054,351
4/1/2018	154,451	20,041	48,515	1,351	224,358	60,984	115,691	15,531	499,183	129,706	774,867	0	0	0	1,060,209
5/1/2018	154,412	20,140	48,867	1,326	224,745	61,329	115,897	15,588	501,833	131,403	779,809	0	0	0	1,065,883
6/1/2018	154,361	20,137	49,184	1,329	225,011	61,484	115,987	15,852	503,581	132,576	783,491	0	0	0	1,069,986
7/1/2018	154,204	20,017	49,345	1,325	224,891	61,585	115,630	15,901	503,959	133,602	784,856	0	0	0	1,071,332
8/1/2018	153,975	19,941	49,667	1,343	224,926	61,604	115,734	15,851	503,201	133,612	784,394	0	0	0	1,070,924
9/1/2018	153,915	19,890	49,747	1,326	224,878	61,822	115,908	16,042	503,591	134,934	786,814	0	0	0	1,073,514
10/1/2018	154,416	19,695	49,094	1,324	224,529	61,621	116,026	15,660	503,829	136,074	788,167	0	0	0	1,074,317
11/1/2018	154,960	19,850	49,130	1,220	225,160	61,850	116,709	15,412	504,720	138,145	791,931	0	0	0	1,078,941
12/1/2018	154,494	19,992	49,430	1,191	225,107	62,028	117,174	15,200	504,963	141,391	795,813	0	0	0	1,082,948
1/1/2019	156,564	18,285	47,770	1,116	223,735	61,557	112,146	14,784	505,927	41,371	674,330	75,210	123,443	198,653	1,158,275
2/1/2019	154,367	19,377	48,939	1,168	223,851	62,056	110,438	14,804	508,153	41,375	674,874	82,626	137,954	220,580	1,181,361
3/1/2019	153,956	19,526	48,832	1,180	223,494	62,311	108,523	14,461	508,063	40,999	672,139	87,295	149,870	237,165	1,195,109
4/1/2019	153,932	19,601	49,033	1,182	223,748	62,872	107,765	14,295	510,094	40,909	673,071	91,561	164,031	255,592	1,215,283
5/1/2019	153,672	19,686	49,082	1,212	223,652	63,253	106,342	14,454	511,563	41,089	673,453	95,804	175,219	271,023	1,231,381
6/1/2019	153,130	19,929	49,562	1,247	223,868	63,840	105,663	14,474	513,684	41,289	675,110	99,250	185,216	284,466	1,247,284
7/1/2019	152,753	19,983	49,689	1,249	223,674	64,017	105,055	14,270	513,535	41,514	674,374	101,062	192,503	293,565	1,255,630
8/1/2019	152,377	19,831	49,929	1,290	223,427	64,235	105,110	14,176	513,577	41,557	674,420	102,847	200,311	303,158	1,265,240
9/1/2019	152,122	19,849	50,306	1,295	223,572	64,459	105,496	14,588	513,497	41,635	675,216	104,334	208,292	312,626	1,275,873
10/1/2019	151,979	19,878	50,602	1,318	223,777	64,493	106,542	13,933	514,274	42,114	676,863	106,476	216,544	323,020	1,288,153
11/1/2019	151,791	19,926	50,780	1,327	223,824	64,803	107,149	13,671	515,211	42,963	678,994	107,272	219,598	326,870	1,294,491
12/1/2019	151,475	20,075	51,069	1,326	223,945	64,964	107,325	13,360	517,140	43,648	681,473	110,918	232,129	343,047	1,313,429
1/1/2020	152,856	19,325	50,000	1,252	223,433	64,820	108,002	13,158	521,198	44,140	686,498	116,369	255,729	372,098	1,346,849
2/1/2020	150,843	19,734	51,181	1,317	223,075	64,651	107,909	13,275	521,131	45,215	687,530	117,421	264,506	381,927	1,357,183
3/1/2020	150,727	19,841	51,199	1,306	223,073	64,416	108,369	13,168	521,899	45,893	689,329	117,940	269,049	386,989	1,363,807
4/1/2020	151,824	19,827	51,249	1,333	224,233	64,790	109,412	13,741	525,735	46,521	695,409	118,821	277,802	396,623	1,381,055
5/1/2020	154,988	19,825	52,001	1,387	228,201	66,320	115,774	15,770	542,608	45,224	719,376	122,540	293,951	416,491	1,430,388
6/1/2020	155,095	20,054	52,557	1,400	229,106	66,595	118,311	16,939	549,695	45,026	729,971	124,160	301,940	426,100	1,451,772
7/1/2020	155,468	20,002	52,972	1,414	229,856	66,796	120,535	18,011	556,991	44,946	740,483	125,736	310,445	436,181	1,473,316
8/1/2020	156,262	20,039	53,142	1,402	230,845	67,011	122,711	18,737	560,998	45,371	747,817	127,198	321,041	448,239	1,493,912
9/1/2020	156,468	19,902	53,387	1,430	231,187	67,020	124,596	18,918	566,635	45,731	755,880	128,844	329,720	458,564	1,512,651
10/1/2020	157,104	19,797	53,414	1,439	231,754	67,030	126,847	19,504	573,039	45,407	764,797	130,381	339,312	469,693	1,533,274
11/1/2020	157,454	19,696	53,769	1,450	232,369	67,092	128,484	20,215	578,468	45,195	772,362	132,110	347,720	479,830	1,551,653
12/1/2020	157,829	19,591	54,134	1,457	233,011	67,122	130,390	20,563	583,361	45,421	779,735	134,066	360,174	494,240	1,574,108
1/1/2021	158,168	19,221	54,344	1,475	233,208	67,013	132,417	20,961	588,886	45,743	788,007	136,220	374,899	511,119	1,599,347
2/1/2021	158,198	18,925	54,572	1,473	233,168	66,976	133,948	21,344	592,839	45,853	793,984	137,671	383,040	520,711	1,614,839
3/1/2021	158,658	18,731	54,589	1,490	233,468	66,908	135,660	21,493	596,153	45,928	799,234	138,859	390,142	529,001	1,628,611
4/1/2021	159,124	18,977	54,700	1,491	234,292	66,962	136,986	21,895	600,277	46,179	805,337	140,442	398,218	538,660	1,645,251

5/1/2021	159,345	19,126	54,969	1,499	234,939	66,883	138,173	22,308	603,635	46,349	810,465	141,959	405,679	547,638	1,659,925
6/1/2021	159,372	19,318	55,117	1,492	235,299	66,795	139,518	22,760	607,400	46,728	816,406	143,186	412,037	555,223	1,673,723
7/1/2021	158,795	19,410	55,297	1,508	235,010	66,432	140,894	23,300	611,748	47,101	823,043	144,279	418,269	562,548	1,687,033
8/1/2021	159,008	19,492	55,333	1,523	235,356	66,294	142,676	23,875	616,897	47,276	830,724	145,418	425,497	570,915	1,703,289
9/1/2021	159,419	19,468	55,404	1,527	235,818	66,303	144,356	24,239	621,846	47,616	838,057	146,771	434,510	581,281	1,721,459
10/1/2021	159,642	19,596	55,659	1,548	236,445	66,285	145,895	24,548	626,507	47,913	844,863	147,966	442,201	590,167	1,737,760
11/1/2021	159,879	19,638	55,962	1,541	237,020	66,281	147,371	24,834	629,830	48,089	850,124	148,759	448,926	597,685	1,751,110
12/1/2021	160,110	19,559	56,086	1,549	237,304	66,197	150,575	21,599	633,808	48,308	854,290	151,968	458,761	610,729	1,768,520
1/1/2022	160,312	19,587	56,250	1,556	237,705	66,237	152,502	22,073	638,923	48,732	862,230	153,391	468,409	621,800	1,787,972
2/1/2022	159,623	19,484	56,223	1,548	236,878	66,136	154,127	21,824	643,570	49,213	868,734	154,868	476,180	631,048	1,802,796
3/1/2022	160,947	19,485	56,249	1,551	238,232	65,963	155,366	21,646	646,779	49,484	873,275	156,003	481,437	637,440	1,814,910
4/1/2022	160,734	19,623	56,473	1,557	238,387	65,830	156,606	24,709	651,216	50,216	882,747	156,966	489,409	646,375	1,833,339
5/1/2022	161,411	19,466	56,793	1,557	239,227	65,825	157,482	21,488	653,185	49,272	881,427	158,970	498,982	657,952	1,844,431
6/1/2022	161,510	19,423	57,006	1,565	239,504	65,694	157,986	21,221	655,387	48,927	883,521	160,112	505,042	665,154	1,853,873
7/1/2022	161,878	19,503	57,236	1,583	240,200	65,646	159,478	21,366	659,336	49,305	889,485	161,101	510,242	671,343	1,866,674
8/1/2022	161,910	19,677	57,568	1,602	240,757	65,538	161,109	22,318	662,866	49,329	895,622	161,700	516,320	678,020	1,879,937
9/1/2022	161,403	19,664	57,838	1,604	240,509	65,234	162,762	22,604	664,630	49,427	899,423	161,897	523,507	685,404	1,890,570
10/1/2022	160,999	19,757	58,173	1,610	240,539	65,053	163,801	23,401	665,596	49,156	901,954	162,305	529,390	691,695	1,899,241
11/1/2022	160,745	19,767	58,284	1,619	240,416	64,959	163,978	23,493	667,953	49,402	904,825	162,627	531,491	694,118	1,904,318
12/1/2022	160,677	19,813	58,524	1,622	240,636	64,865	164,798	23,866	670,915	49,453	909,032	163,151	536,861	700,011	1,914,544
1/1/2023	160,991	19,823	58,773	1,623	241,210	64,771	165,551	24,234	674,184	49,501	913,470	166,685	556,269	722,954	1,942,405
2/1/2023	161,268	19,810	58,991	1,621	241,690	64,677	166,302	24,607	677,278	49,547	917,735	166,708	559,811	726,519	1,950,621
3/1/2023	161,538	19,791	59,107	1,629	242,065	64,583	166,537	24,908	678,667	49,591	919,702	167,078	564,207	731,286	1,957,636
4/1/2023	161,729	19,769	59,200	1,627	242,324	64,489	166,853	25,224	680,055	49,632	921,764	166,865	566,346	733,211	1,961,788
5/1/2023	161,501	19,763	59,207	1,627	242,098	64,563	166,314	25,321	679,548	49,672	920,855	165,369	563,834	729,203	1,956,718
6/1/2023	161,571	19,785	59,262	1,629	242,247	64,637	166,010	25,267	680,860	49,709	921,846	163,802	560,796	724,598	1,953,328
7/1/2023	161,288	19,812	59,200	1,635	241,935	64,711	164,535	25,036	679,942	49,745	919,258	161,199	553,939	715,138	1,941,041
8/1/2023	161,008	19,841	59,118	1,628	241,595	64,785	162,644	24,743	678,389	49,779	915,554	158,623	546,916	705,539	1,927,473
9/1/2023	160,299	19,842	59,025	1,629	240,796	64,859	159,943	24,327	674,678	49,811	908,758	156,134	539,962	696,096	1,910,509
10/1/2023	159,839	19,834	58,946	1,637	240,256	64,933	156,714	23,833	670,149	49,841	900,537	152,826	529,963	682,789	1,888,516
11/1/2023	159,439	19,825	58,884	1,647	239,795	65,007	153,201	23,295	665,630	49,871	891,997	149,715	520,451	670,166	1,866,965
12/1/2023	158,906	19,819	58,761	1,649	239,135	65,082	149,572	22,741	660,493	49,898	882,705	146,801	511,450	658,251	1,845,173
1/1/2024	158,362	19,823	58,651	1,651	238,487	65,156	145,657	22,144	654,823	49,924	872,548	147,913	516,353	664,266	1,840,457
2/1/2024	157,869	19,810	58,502	1,649	237,830	65,230	141,677	21,537	648,937	49,949	862,101	144,655	505,885	650,540	1,815,700
3/1/2024	157,104	19,791	58,324	1,656	236,876	65,304	137,979	20,974	643,040	49,973	851,966	142,024	497,490	639,515	1,793,660
4/1/2024	156,589	19,769	58,175	1,654	236,187	65,378	134,337	20,419	637,427	49,995	842,178	138,901	487,258	626,159	1,769,903
5/1/2024	155,919	19,763	58,072	1,655	235,409	65,452	132,041	20,069	634,264	50,017	836,391	138,969	488,138	627,107	1,764,359
6/1/2024	155,914	19,785	58,164	1,656	235,519	65,526	131,043	19,917	633,389	50,037	834,386	139,287	489,833	629,120	1,764,551
7/1/2024	155,979	19,812	58,230	1,663	235,685	65,600	131,203	19,941	634,593	50,056	835,793	139,130	489,801	628,931	1,766,009
8/1/2024	156,151	19,841	58,288	1,656	235,935	65,674	131,383	19,968	635,759	50,074	837,184	139,220	490,589	629,810	1,768,603
9/1/2024	156,064	19,842	58,348	1,656	235,910	65,748	131,567	19,995	636,892	50,092	838,546	139,560	492,209	631,768	1,771,973
10/1/2024	156,188	19,834	58,411	1,665	236,097	65,823	131,745	20,022	638,092	50,108	839,967	139,417	492,089	631,506	1,773,393
11/1/2024	156,309	19,825	58,516	1,674	236,324	65,897	131,910	20,047	639,376	50,124	841,456	139,522	492,803	632,326	1,776,002
12/1/2024	156,616	19,819	58,559	1,677	236,671	65,971	132,061	20,069	640,802	50,139	843,071	139,876	494,364	634,239	1,779,952
1/1/2025	156,731	19,823	58,647	1,678	236,880	66,045	132,213	20,092	642,012	50,153	844,470	144,507	511,021	655,527	1,802,922
2/1/2025	156,980	19,810	58,705	1,676	237,171	66,119	132,369	20,116	643,203	50,166	845,853	144,619	511,678	656,296	1,805,440
3/1/2025	156,852	19,791	58,740	1,684	237,068	66,193	132,540	20,142	644,378	50,179	847,239	144,990	513,227	658,217	1,808,716
4/1/2025	156,903	19,769	58,798	1,682	237,151	66,267	132,704	20,166	645,649	50,191	848,710	144,849	512,941	657,790	1,809,919
5/1/2025	156,712	19,787	58,855	1,686	237,039	66,341	132,861	20,190	646,885	50,203	850,139	144,967	513,549	658,515	1,812,035
6/1/2025	156,960	19,761	58,892	1,691	237,304	66,415	132,421	20,216	647,585	50,214	850,435	145,089	514,153	659,242	1,813,396