

Modified CDC COVID-19 USA Death Rates since April 1 2020

Date	Cases	Deaths	D/C	$\partial D/D$	Ave	eC	D/eC	(eC-C)/C %
4/1	160,530	2,939	1.8%		0.0			
2	186,101	3,603	1.9%	0.226	0.226	196,798	1.83%	6%
3	213,144	4,513	2.1%	0.253	0.239	246,531	1.83%	16%
4	239,279	5,443	2.3%	0.206	0.228	297,407	1.83%	24%
5	277,205	6,593	2.4%	0.211	0.224	360,269	1.83%	30%
6	304,826	7,616	2.5%	0.155	0.210	416,721	1.83%	37%
7	330,891	8,910	2.7%	0.170	0.203	487,756	1.83%	47%
8	374,329	12,064	3.2%	0.354	0.225	664,467	1.82%	78%
9	395,011	12,754	3.2%	0.057	0.204	708,929	1.80%	79%
10	427,460	14,696	3.4%	0.152	0.198	817,567	1.80%	91%
11	459,165	16,570	3.6%	0.128	0.191	923,334	1.79%	101%
12	492,416	18,559	3.8%	0.120	0.185	1,035,923	1.79%	110%
13	525,704	20,486	3.9%	0.104	0.178	1,146,057	1.79%	118%
14	554,849	21,942	4.0%	0.071	0.170	1,232,514	1.78%	122%
15	605,390	24,582	4.1%	0.120	0.166	1,381,987	1.78%	128%
16	632,548	31,071	4.9%	0.264	0.173	1,752,210	1.77%	177%
17	690,714	35,443	5.1%	0.141	0.171	1,999,476	1.77%	189%
18	720,630	37,202	5.2%	0.050	0.164	2,110,145	1.76%	193%
19	746,625	39,083	5.2%	0.051	0.157	2,227,474	1.75%	198%
20	776,093	41,758	5.4%	0.068	0.153	2,386,973	1.75%	208%
21	802,583	44,575	5.6%	0.067	0.148	2,554,982	1.74%	218%
22	828,441	46,379	5.6%	0.040	0.143	2,670,382	1.74%	222%
23	865,585	48,816	5.6%	0.053	0.139	2,819,655	1.73%	226%
24	895,766	50,439	5.6%	0.033	0.135	2,926,305	1.72%	227%
25	928,619	52,459	5.6%	0.040	0.131	3,054,256	1.72%	229%
26	957,875	53,922	5.6%	0.028	0.126	3,152,739	1.71%	229%
27	981,246	55,258	5.6%	0.025	0.123	3,244,393	1.70%	231%
28	1,005,247	57,505	5.7%	0.041	0.120	3,385,451	1.70%	237%
29	1,031,659	60,057	5.8%	0.044	0.117	3,543,761	1.69%	244%
30	1,062,446	62,406	5.9%	0.039	0.114	3,691,429	1.69%	247%
31	1,092,815	64,283	5.9%	0.030	0.111	3,813,520	1.69%	249%
5/3	1,122,486	65,735	5.9%	0.023	0.109	3,912,426	1.68%	249%
4	1,152,372	67,456	5.9%	0.026	0.106	4,026,179	1.68%	249%
5	1,171,510	68,279	5.8%	0.012	0.103	4,090,405	1.67%	249%

6	1,193,813	70,802	5.9%	0.037	0.101	4,249,277	1.67%	256%
7	1,219,066	73,297	6.0%	0.035	0.099	4,407,009	1.66%	262%
8	1,248,804	75,477	6.0%	0.030	0.097	4,547,318	1.66%	264%
9	1,274,036	77,034	6.0%	0.021	0.095	4,652,727	1.66%	265%
10	1,300,696	78,771	6.1%	0.023	0.093	4,768,348	1.65%	267%
11	1,324,488	79,756	6.0%	0.013	0.091	4,841,541	1.65%	266%
12	1,342,594	80,820	6.0%	0.013	0.089	4,918,975	1.64%	266%
13	1,364,061	83,246	6.1%	0.030	0.088	5,074,246	1.64%	272%
14	1,384,930	89,947	6.5%	0.080	0.088	5,482,828	1.64%	296%
15	1,412,121	85,990	6.1%	(0.044)	0.085	5,282,723	1.63%	274%
16	1,435,098	87,315	6.1%	0.015	0.083	5,375,302	1.62%	275%
17	1,467,065	88,709	6.0%	0.016	0.082	5,471,832	1.62%	273%
18	1,480,349	89,407	6.0%	0.008	0.080	5,528,044	1.62%	273%
19	1,504,830	90,340	6.0%	0.010	0.078	5,597,599	1.61%	272%
20	1,528,235	91,664	6.0%	0.015	0.077	5,689,798	1.61%	272%
21	1,551,095	93,061	6.0%	0.015	0.076	5,786,254	1.61%	273%
22	1,571,617	94,150	6.0%	0.012	0.075	5,864,622	1.61%	273%
23	1,595,885	96,002	6.0%	0.020	0.074	5,987,929	1.60%	275%
24	1,622,114	97,049	6.0%	0.011	0.072	6,063,766	1.60%	274%
25	1,637,456	97,669	6.0%	0.006	0.071	6,114,334	1.60%	273%
26	1,662,414	98,261	5.9%	0.006	0.070	6,163,014	1.59%	271%
27	1,678,843	99,031	5.9%	0.008	0.069	6,221,996	1.59%	271%
28	1,698,523	100,446	5.9%	0.014	0.068	6,319,244	1.59%	272%
29	1,719,827	101,771	5.9%	0.013	0.067	6,411,126	1.59%	273%
30	1,737,950	102,780	5.9%	0.010	0.066	6,484,092	1.59%	273%
31	1,761,503	103,700	5.9%	0.009	0.065	6,551,647	1.58%	272%
6/1	1,787,680	104,396	5.8%	0.007	0.064	6,605,678	1.58%	270%
2	1,802,470	105,157	5.8%	0.007	0.063	6,663,455	1.58%	270%
3	1,827,425	106,202	5.8%	0.010	0.062	6,738,212	1.58%	269%
4	1,842,101	107,029	5.8%	0.008	0.061	6,799,751	1.57%	269%
5	1,862,656	108,064	5.8%	0.010	0.060	6,873,772	1.57%	269%
6	1,891,690	109,192	5.8%	0.010	0.060	6,953,386	1.57%	268%
7	1,920,904	109,901	5.7%	0.006	0.059	7,007,533	1.57%	265%
8	1,938,823	110,375	5.7%	0.004	0.058	7,047,304	1.57%	263%
9	1,956,421	110,925	5.7%	0.005	0.057	7,091,519	1.56%	262%
10	1,973,797	112,133	5.7%	0.011	0.057	7,175,763	1.56%	264%
11	1,994,283	112,967	5.7%	0.007	0.056	7,237,108	1.56%	263%

12	2,016,027	113,914	5.7%	0.008	0.055	7,305,300	1.56%	262%
13	2,038,344	114,625	5.6%	0.006	0.055	7,358,971	1.56%	261%
14	2,063,812	115,271	5.6%	0.006	0.054	7,408,560	1.56%	259%
15	2,085,769	115,644	5.5%	0.003	0.053	7,441,294	1.55%	257%
16	2,104,346	116,140	5.5%	0.004	0.053	7,481,428	1.55%	256%
17	2,132,321	116,862	5.5%	0.006	0.052	7,535,362	1.55%	253%
18	2,155,572	117,632	5.5%	0.007	0.051	7,592,184	1.55%	252%
19	2,178,710	118,365	5.4%	0.006	0.051	7,646,652	1.55%	251%
20	2,215,618	119,055	5.4%	0.006	0.050	7,698,387	1.55%	247%
21	2,248,029	119,615	5.3%	0.005	0.050	7,741,988	1.55%	244%
22	2,275,645	119,923	5.3%	0.003	0.049	7,769,876	1.54%	241%
23	2,302,288	120,333	5.2%	0.003	0.049	7,803,954	1.54%	239%
24	2,336,615	121,117	5.2%	0.007	0.048	7,861,197	1.54%	236%
25	2,374,282	121,809	5.1%	0.006	0.047	7,912,652	1.54%	233%
26	2,414,870	124,325	5.1%	0.021	0.047	8,078,757	1.54%	235%
27	2,459,472	124,976	5.1%	0.005	0.047	8,127,680	1.54%	230%
28	2,504,175	125,484	5.0%	0.004	0.046	8,167,599	1.54%	226%
29	2,545,250	126,369	5.0%	0.007	0.046	8,231,046	1.54%	223%
30	2,581,229	126,739	4.9%	0.003	0.045	8,262,189	1.53%	220%
7/1	2,624,873	127,299	4.8%	0.004	0.045	8,305,138	1.53%	216%
2	2,679,230	128,024	4.8%	0.006	0.044	8,358,382	1.53%	212%
3	2,732,531	128,648	4.7%	0.005	0.044	8,405,227	1.53%	208%
4	2,789,678	129,305	4.6%	0.005	0.044	8,454,092	1.53%	203%
5	2,841,678	129,906	4.6%	0.005	0.043	8,499,376	1.53%	199%
6	2,886,267	129,811	4.5%	(0.001)	0.043	8,500,811	1.53%	195%
7	2,932,596	130,133	4.4%	0.002	0.042	8,528,331	1.53%	191%
8	2,982,900	131,065	4.4%	0.007	0.042	8,594,341	1.53%	188%
9	3,047,671	132,056	4.3%	0.008	0.042	8,664,083	1.52%	184%
10	3,106,931	132,855	4.3%	0.006	0.041	8,721,633	1.52%	181%
11	3,173,212	133,666	4.2%	0.006	0.041	8,779,919	1.52%	177%
12	3,236,130	134,572	4.2%	0.007	0.040	8,844,220	1.52%	173%
13	3,296,599	134,884	4.1%	0.002	0.040	8,870,785	1.52%	169%
14	3,355,457	135,235	4.0%	0.003	0.040	8,899,743	1.52%	165%
15	3,416,428	135,991	4.0%	0.006	0.039	8,954,389	1.52%	162%
16	3,483,832	136,938	3.9%	0.007	0.039	9,021,195	1.52%	159%
17	3,555,877	137,854	3.9%	0.007	0.039	9,086,014	1.52%	156%
18	3,630,587	138,782	3.8%	0.007	0.039	9,151,592	1.52%	152%

19	3,693,788	139,659	3.8%	0.006	0.038	9,213,902	1.52%	149%
20	3,761,362	140,157	3.7%	0.004	0.038	9,251,977	1.51%	146%
21	3,819,139	140,630	3.7%	0.003	0.038	9,288,407	1.51%	143%
22	3,882,167	141,677	3.6%	0.007	0.037	9,361,549	1.51%	141%
23	3,952,273	142,755	3.6%	0.008	0.037	9,436,688	1.51%	139%
24	4,024,492	143,868	3.6%	0.008	0.037	9,514,084	1.51%	136%
25	4,099,310	145,013	3.5%	0.008	0.037	9,593,549	1.51%	134%
26	4,163,892	145,942	3.5%	0.006	0.036	9,659,132	1.51%	132%
27	4,225,687	146,546	3.5%	0.004	0.036	9,703,830	1.51%	130%
28	4,280,135	147,672	3.5%	0.008	0.036	9,782,078	1.51%	129%
29	4,339,997	148,866	3.4%	0.008	0.036	9,864,723	1.51%	127%
30	4,405,932	150,283	3.4%	0.010	0.035	9,961,788	1.51%	126%
31	4,473,974	151,499	3.4%	0.008	0.035	10,045,894	1.51%	125%
8/1	4,542,579	152,870	3.4%	0.009	0.035	10,140,037	1.51%	123%
2	4,601,526	154,002	3.3%	0.007	0.035	10,218,754	1.51%	122%
3	4,649,102	154,471	3.3%	0.003	0.034	10,254,713	1.51%	121%
4	4,698,818	155,204	3.3%	0.005	0.034	10,307,650	1.51%	119%
5	4,748,806	156,311	3.3%	0.007	0.034	10,384,744	1.51%	119%
6	4,802,491	157,631	3.3%	0.008	0.034	10,475,647	1.50%	118%
7	4,858,327	158,880	3.3%	0.008	0.034	10,561,969	1.50%	117%
8	4,920,369	160,220	3.3%	0.008	0.033	10,654,213	1.50%	117%
9	4,974,959	161,284	3.2%	0.007	0.033	10,728,576	1.50%	116%
10	5,023,649	161,842	3.2%	0.003	0.033	10,770,182	1.50%	114%
11	5,064,171	162,407	3.2%	0.003	0.033	10,812,210	1.50%	114%
12	5,119,711	163,651	3.2%	0.008	0.032	10,898,250	1.50%	113%
13	5,176,018	165,148	3.2%	0.009	0.032	11,000,770	1.50%	113%
14	5,228,817	166,317	3.2%	0.007	0.032	11,081,975	1.50%	112%
15	5,282,546	167,546	3.2%	0.007	0.032	11,167,095	1.50%	111%
16	5,340,232	168,696	3.2%	0.007	0.032	11,247,090	1.50%	111%
17	5,382,125	169,350	3.1%	0.004	0.032	11,294,856	1.50%	110%
18	5,422,242	169,870	3.1%	0.003	0.031	11,333,901	1.50%	109%
19	5,460,429	171,012	3.1%	0.007	0.031	11,413,374	1.50%	109%
20	5,506,929	172,416	3.1%	0.008	0.031	11,509,948	1.50%	109%
21	5,551,793	173,490	3.1%	0.006	0.031	11,585,016	1.50%	109%
22	5,598,547	174,645	3.1%	0.007	0.031	11,665,373	1.50%	108%
23	5,643,812	175,651	3.1%	0.006	0.030	11,736,021	1.50%	108%
24	5,682,491	176,223	3.1%	0.003	0.030	11,778,390	1.50%	107%

25	5,715,567	176,617	3.1%	0.002	0.030	11,809,149	1.50%	107%
26	5,752,653	177,759	3.1%	0.006	0.030	11,888,659	1.50%	107%
27	5,799,046	178,998	3.1%	0.007	0.030	11,974,522	1.49%	106%
28	5,845,876	180,165	3.1%	0.007	0.030	12,055,690	1.49%	106%
29	5,890,532	181,143	3.1%	0.005	0.029	12,124,507	1.49%	106%
30	5,934,824	182,149	3.1%	0.006	0.029	12,195,157	1.49%	105%
31	5,972,356	182,622	3.1%	0.003	0.029	12,230,982	1.49%	105%
9/1	6,004,443	183,876	3.1%	0.007	0.029	12,317,869	1.49%	105%
2	6,047,692	184,083	3.0%	0.001	0.029	12,336,304	1.49%	104%
3	6,087,403	185,092	3.0%	0.005	0.029	12,407,133	1.49%	104%
4	6,132,074	186,173	3.0%	0.006	0.028	12,482,685	1.49%	104%
5	6,181,474	187,159	3.0%	0.005	0.028	12,552,014	1.49%	103%
6	6,226,879	188,051	3.0%	0.005	0.028	12,615,181	1.49%	103%
7	6,261,216	188,513	3.0%	0.002	0.028	12,650,176	1.49%	102%
8	6,287,362	188,688	3.0%	0.001	0.028	12,666,370	1.49%	101%
9	6,310,663	189,147	3.0%	0.002	0.028	12,701,107	1.49%	101%
10	6,343,562	190,262	3.0%	0.006	0.028	12,778,877	1.49%	101%
11	6,381,013	191,353	3.0%	0.006	0.027	12,855,077	1.49%	101%
12	6,427,058	192,388	3.0%	0.005	0.027	12,927,600	1.49%	101%
13	6,467,481	193,195	3.0%	0.004	0.027	12,985,138	1.49%	101%
14	6,503,030	193,705	3.0%	0.003	0.027	13,023,161	1.49%	100%
15	6,537,627	194,092	3.0%	0.002	0.027	13,053,088	1.49%	100%
16	6,571,867	195,053	3.0%	0.005	0.027	13,120,726	1.49%	100%
17	6,613,331	196,277	3.0%	0.006	0.027	13,205,699	1.49%	100%
18	6,656,799	197,116	3.0%	0.004	0.026	13,265,311	1.49%	99%
19	6,706,374	198,099	3.0%	0.005	0.026	13,334,407	1.49%	99%
20	6,748,935	198,754	2.9%	0.003	0.026	13,381,897	1.49%	98%
21	6,786,352	199,024	2.9%	0.001	0.026	13,404,045	1.48%	98%
22	6,825,697	199,462	2.9%	0.002	0.026	13,437,212	1.48%	97%
23	6,874,982	200,275	2.9%	0.004	0.026	13,495,068	1.48%	96%
24	6,916,292	201,411	2.9%	0.006	0.026	13,574,246	1.48%	96%
25	6,958,632	202,329	2.9%	0.005	0.026	13,639,031	1.48%	96%
26	7,009,216	203,180	2.9%	0.004	0.025	13,699,392	1.48%	95%
27	7,059,087	204,033	2.9%	0.004	0.025	13,759,882	1.48%	95%
28	7,095,422	204,328	2.9%	0.001	0.025	13,783,551	1.48%	94%
29	7,129,313	204,598	2.9%	0.001	0.025	13,805,544	1.48%	94%
30	7,168,077	205,372	2.9%	0.004	0.025	13,860,780	1.48%	93%

10/1	7,213,419	206,402	2.9%	0.005	0.025	13,932,948	1.48%	93%
2	7,260,465	207,302	2.9%	0.004	0.025	13,996,515	1.48%	93%
3	7,310,625	208,118	2.8%	0.004	0.025	14,054,523	1.48%	92%
4	7,359,952	208,821	2.8%	0.003	0.024	14,105,050	1.48%	92%
5	7,396,730	209,199	2.8%	0.002	0.024	14,134,078	1.48%	91%
6	7,436,278	209,560	2.8%	0.002	0.024	14,161,961	1.48%	90%
7	7,475,262	210,232	2.8%	0.003	0.024	14,210,397	1.48%	90%
8	7,528,313	211,132	2.8%	0.004	0.024	14,273,934	1.48%	90%
9	7,583,200	212,111	2.8%	0.005	0.024	14,342,712	1.48%	89%
10	7,641,502	213,037	2.8%	0.004	0.024	14,407,976	1.48%	89%
11	7,694,865	213,614	2.8%	0.003	0.024	14,450,100	1.48%	88%
12	7,740,934	214,108	2.8%	0.002	0.024	14,486,710	1.48%	87%
13	7,787,548	214,446	2.8%	0.002	0.023	14,512,971	1.48%	86%
14	7,835,007	215,194	2.7%	0.003	0.023	14,566,396	1.48%	86%
15	7,894,768	216,025	2.7%	0.004	0.023	14,625,329	1.48%	85%
16	7,958,254	216,917	2.7%	0.004	0.023	14,688,313	1.48%	85%
17	8,028,332	217,918	2.7%	0.005	0.023	14,758,544	1.48%	84%
18	8,081,489	218,511	2.7%	0.003	0.023	14,801,665	1.48%	83%
19	8,128,524	218,986	2.7%	0.002	0.023	14,836,940	1.48%	83%
20	8,188,585	219,499	2.7%	0.002	0.023	14,874,724	1.48%	82%
21	8,249,011	220,362	2.7%	0.004	0.023	14,935,764	1.48%	81%
22	8,312,667	221,438	2.7%	0.005	0.023	15,010,985	1.48%	81%
23	8,387,047	222,447	2.7%	0.005	0.023	15,081,750	1.47%	80%
24	8,469,976	223,393	2.6%	0.004	0.022	15,148,322	1.47%	79%
25	8,553,827	224,221	2.6%	0.004	0.022	15,207,038	1.47%	78%
26	8,617,022	224,601	2.6%	0.002	0.022	15,235,943	1.47%	77%
27	8,680,611	225,084	2.6%	0.002	0.022	15,271,681	1.47%	76%
28	8,752,794	225,985	2.6%	0.004	0.022	15,335,245	1.47%	75%
29	8,834,393	227,045	2.6%	0.005	0.022	15,409,415	1.47%	74%
30	8,924,548	228,100	2.6%	0.005	0.022	15,483,257	1.47%	73%
31	9,024,298	229,109	2.5%	0.004	0.022	15,554,034	1.47%	72%
11/1	9,105,230	229,932	2.5%	0.004	0.022	15,612,406	1.47%	71%
2	9,182,628	230,383	2.5%	0.002	0.022	15,645,980	1.47%	70%
3	9,268,818	230,983	2.5%	0.003	0.022	15,689,469	1.47%	69%
4	9,357,245	231,988	2.5%	0.004	0.021	15,759,980	1.47%	68%
5	9,463,782	233,129	2.5%	0.005	0.021	15,839,584	1.47%	67%
6	9,581,770	234,264	2.4%	0.005	0.021	15,918,794	1.47%	66%

7	9,714,600	235,475	2.4%	0.005	0.021	16,003,095	1.47%	65%
8	9,808,411	236,545	2.4%	0.005	0.021	16,077,975	1.47%	64%
9	9,913,553	237,037	2.4%	0.002	0.021	16,114,252	1.47%	63%
10	10,036,463	237,731	2.4%	0.003	0.021	16,164,003	1.47%	61%
11	10,170,846	239,590	2.4%	0.008	0.021	16,291,763	1.47%	60%
12	10,314,254	241,069	2.3%	0.006	0.021	16,394,055	1.47%	59%
13	10,508,864	242,216	2.3%	0.005	0.021	16,474,121	1.47%	57%
14	10,690,665	243,580	2.3%	0.006	0.021	16,568,731	1.47%	55%
15	10,846,373	244,810	2.3%	0.005	0.021	16,654,374	1.47%	54%
16	10,984,398	245,470	2.2%	0.003	0.021	16,701,880	1.47%	52%
17	11,136,253	246,232	2.2%	0.003	0.021	16,756,201	1.47%	50%
18	11,300,635	247,834	2.2%	0.007	0.020	16,866,812	1.47%	49%
19	11,465,722	249,670	2.2%	0.007	0.020	16,993,157	1.47%	48%
20	11,843,490	253,600	2.1%	0.016	0.020	17,260,821	1.47%	46%
21	12,028,081	255,076	2.1%	0.006	0.020	17,363,056	1.47%	44%
22	12,175,921	255,958	2.1%	0.003	0.020	17,425,486	1.47%	43%
23	12,333,452	257,016	2.1%	0.004	0.020	17,499,706	1.47%	42%
24	12,498,734	259,005	2.1%	0.008	0.020	17,636,447	1.47%	41%
25	12,680,353	261,276	2.1%	0.009	0.020	17,792,190	1.47%	40%
26	12,823,092	262,673	2.0%	0.005	0.020	17,889,193	1.47%	40%
27	12,999,664	263,956	2.0%	0.005	0.020	17,978,557	1.47%	38%
28	13,142,997	265,166	2.0%	0.005	0.020	18,063,032	1.47%	37%
29	13,295,605	266,051	2.0%	0.003	0.020	18,125,717	1.47%	36%
30	13,447,627	267,302	2.0%	0.005	0.020	18,212,955	1.47%	35%
12/1	13,626,022	269,763	2.0%	0.009	0.020	18,381,622	1.47%	35%
2	13,822,249	272,525	2.0%	0.010	0.020	18,570,626	1.47%	34%
3	14,041,436	275,386	2.0%	0.010	0.020	18,766,342	1.47%	34%
4	14,255,535	277,825	1.9%	0.009	0.020	18,933,608	1.47%	33%
5	14,462,527	280,135	1.9%	0.008	0.020	19,092,202	1.47%	32%
6	14,636,914	281,253	1.9%	0.004	0.019	19,170,640	1.47%	31%
7	14,823,129	282,785	1.9%	0.005	0.019	19,276,897	1.47%	30%
8	15,040,175	285,351	1.9%	0.009	0.019	19,452,820	1.47%	29%
9	15,271,571	288,762	1.9%	0.012	0.019	19,685,875	1.47%	29%
10	15,474,800	291,522	1.9%	0.010	0.019	19,874,952	1.47%	28%
11	15,718,811	294,535	1.9%	0.010	0.019	20,081,147	1.47%	28%
12	15,932,116	296,818	1.9%	0.008	0.019	20,238,097	1.47%	27%
13	16,113,148	298,266	1.9%	0.005	0.019	20,338,853	1.47%	26%

14	16,317,892	300,032	1.8%	0.006	0.019	20,461,014	1.47%	25%
15	16,519,668	302,992	1.8%	0.010	0.019	20,663,727	1.47%	25%
16	16,756,581	306,427	1.8%	0.011	0.019	20,898,595	1.47%	25%
17	16,987,911	309,880	1.8%	0.011	0.019	21,134,710	1.47%	24%
18	17,391,270	312,636	1.8%	0.009	0.019	21,323,733	1.47%	23%
19	17,529,760	315,260	1.8%	0.008	0.019	21,503,871	1.47%	23%
20	17,790,376	316,844	1.8%	0.005	0.019	21,613,942	1.47%	21%
21	17,974,303	318,569	1.8%	0.005	0.019	21,733,517	1.47%	21%
22	18,170,062	321,734	1.8%	0.010	0.019	21,950,280	1.47%	21%
23	18,391,571	325,096	1.8%	0.010	0.019	22,180,399	1.47%	21%
24	18,584,294	327,900	1.8%	0.009	0.019	22,372,821	1.47%	20%
25	18,730,806	329,592	1.8%	0.005	0.019	22,490,274	1.47%	20%
26	18,909,910	330,901	1.7%	0.004	0.019	22,581,965	1.47%	19%
27	19,055,869	332,246	1.7%	0.004	0.019	22,676,084	1.47%	19%
28	19,232,843	334,029	1.7%	0.005	0.019	22,799,702	1.47%	19%
29	19,432,125	337,419	1.7%	0.010	0.018	23,031,872	1.47%	19%
30	19,663,976	341,199	1.7%	0.011	0.018	23,290,489	1.46%	18%
31	19,893,181	344,497	1.7%	0.010	0.018	23,516,492	1.46%	18%
1/1/2021	20,061,818	346,925	1.7%	0.007	0.018	23,683,722	1.46%	18%
2	20,346,372	349,246	1.7%	0.007	0.018	23,843,752	1.46%	17%
3	20,558,489	350,664	1.7%	0.004	0.018	23,942,933	1.46%	16%
4	20,732,404	352,464	1.7%	0.005	0.018	24,067,857	1.46%	16%
5	20,960,096	356,005	1.7%	0.010	0.018	24,310,443	1.46%	16%
6	21,259,997	359,849	1.7%	0.011	0.018	24,573,592	1.46%	16%
7	21,539,398	364,029	1.7%	0.012	0.018	24,859,557	1.46%	15%
8	21,853,491	367,652	1.7%	0.010	0.018	25,107,792	1.46%	15%
9	22,102,069	371,084	1.7%	0.009	0.018	25,343,121	1.46%	15%
10	22,322,956	373,167	1.7%	0.006	0.018	25,487,309	1.46%	14%
11	22,522,749	375,124	1.7%	0.005	0.018	25,623,015	1.46%	14%
12	22,740,142	379,255	1.7%	0.011	0.018	25,905,799	1.46%	14%
13	22,965,957	383,351	1.7%	0.011	0.018	26,186,240	1.46%	14%
14	23,193,703	387,255	1.7%	0.010	0.018	26,453,694	1.46%	14%
15	23,440,774	390,938	1.7%	0.010	0.018	26,706,201	1.46%	14%
16	23,653,919	394,495	1.7%	0.009	0.018	26,950,204	1.46%	14%
17	23,653,919	394,495	1.7%	0.000	0.018	26,954,400	1.46%	14%
18	23,839,868	396,442	1.7%	0.005	0.018	27,089,614	1.46%	14%
19	23,982,584	398,009	1.7%	0.004	0.018	27,199,215	1.46%	13%

20	24,135,690	400,306	1.7%	0.006	0.018	27,358,085	1.46%	13%
21	24,323,846	404,689	1.7%	0.011	0.018	27,658,240	1.46%	14%
22	24,512,618	408,697	1.7%	0.010	0.018	27,932,979	1.46%	14%
23	24,704,417	412,592	1.7%	0.010	0.018	28,200,086	1.46%	14%
24	24,876,261	416,010	1.7%	0.008	0.018	28,434,900	1.46%	14%
25	25,152,433	419,827	1.7%	0.009	0.018	28,696,779	1.46%	14%
26	25,301,166	423,519	1.7%	0.009	0.018	28,950,217	1.46%	14%
27	25,456,670	427,626	1.7%	0.010	0.017	29,231,824	1.46%	15%
28	25,615,268	431,619	1.7%	0.009	0.017	29,505,730	1.46%	15%
29	25,780,144	435,151	1.7%	0.008	0.017	29,748,423	1.46%	15%
30	25,921,703	438,035	1.7%	0.007	0.017	29,947,281	1.46%	16%
2/1	26,034,475	439,955	1.7%	0.004	0.017	30,081,024	1.46%	16%
2	26,160,210	441,831	1.7%	0.004	0.017	30,211,809	1.46%	15%
3	26,398,337	449,020	1.7%	0.016	0.017	30,703,400	1.46%	16%
4	26,523,297	454,209	1.7%	0.012	0.017	31,058,715	1.46%	17%
5	26,653,558	457,762	1.7%	0.008	0.017	31,303,030	1.46%	17%
6	26,761,047	460,582	1.7%	0.006	0.017	31,497,755	1.46%	18%
7	26,852,809	462,037	1.7%	0.003	0.017	31,600,300	1.46%	18%
8	26,939,515	463,659	1.7%	0.004	0.017	31,714,117	1.46%	18%
9	27,030,549	466,465	1.7%	0.006	0.017	31,907,951	1.46%	18%
10	27,127,858	470,110	1.7%	0.008	0.017	32,158,628	1.46%	19%
11	27,229,862	473,699	1.7%	0.008	0.017	32,405,540	1.46%	19%
12	27,298,431	474,916	1.7%	0.003	0.017	32,492,108	1.46%	19%
13	27,397,844	480,436	1.8%	0.012	0.017	32,870,227	1.46%	20%
14	27,486,037	483,753	1.8%	0.007	0.017	33,098,799	1.46%	20%
15	27,542,421	485,070	1.8%	0.003	0.017	33,192,179	1.46%	21%
16	27,600,391	486,466	1.8%	0.003	0.017	33,290,891	1.46%	21%
17	27,669,556	489,067	1.8%	0.005	0.017	33,471,045	1.46%	21%
18	27,737,875	491,455	1.8%	0.005	0.017	33,636,808	1.46%	21%
19	27,811,343	494,008	1.8%	0.005	0.017	33,813,753	1.46%	22%
20	27,882,557	496,112	1.8%	0.004	0.017	33,960,344	1.46%	22%
21	27,938,085	497,415	1.8%	0.003	0.017	34,052,828	1.46%	22%
22	27,993,504	498,993	1.8%	0.003	0.017	34,163,887	1.46%	22%
23	28,065,327	501,181	1.8%	0.004	0.017	34,316,192	1.46%	22%
24	28,138,938	503,587	1.8%	0.005	0.017	34,483,263	1.46%	23%
25	28,212,548	506,834	1.8%	0.006	0.017	34,707,324	1.46%	23%
26	28,285,544	508,949	1.8%	0.004	0.016	34,854,744	1.46%	23%

27	28,355,420	510,777	1.8%	0.004	0.016	34,982,763	1.46%	23%
28	28,405,925	511,839	1.8%	0.002	0.016	35,059,025	1.46%	23%
3/1	28,456,860	513,122	1.8%	0.003	0.016	35,150,212	1.46%	24%
2	28,514,774	515,277	1.8%	0.004	0.016	35,300,376	1.46%	24%
3	28,580,198	517,224	1.8%	0.004	0.016	35,436,476	1.46%	24%
4	28,646,679	519,064	1.8%	0.004	0.016	35,565,346	1.46%	24%
5	28,714,163	521,294	1.8%	0.004	0.016	35,720,626	1.46%	24%
6	28,771,749	522,973	1.8%	0.003	0.016	35,838,623	1.46%	25%
7	28,813,424	523,850	1.8%	0.002	0.016	35,902,402	1.46%	25%
8	28,937,762	524,695	1.8%	0.002	0.016	35,964,012	1.46%	24%
9	28,992,598	526,213	1.8%	0.003	0.016	36,071,120	1.46%	24%
10	29,052,862	527,726	1.8%	0.003	0.016	36,177,895	1.46%	25%
11	29,113,651	529,301	1.8%	0.003	0.016	36,288,869	1.46%	25%
12	29,176,658	530,693	1.8%	0.003	0.016	36,387,463	1.46%	25%
13	29,229,162	531,766	1.8%	0.002	0.016	36,464,476	1.46%	25%
14	29,269,590	532,355	1.8%	0.001	0.016	36,508,761	1.46%	25%
15	29,319,457	533,057	1.8%	0.001	0.016	36,560,671	1.46%	25%
16	29,374,758	534,099	1.8%	0.002	0.016	36,635,569	1.46%	25%
17	29,431,658	535,217	1.8%	0.002	0.016	36,715,606	1.46%	25%
18	29,490,832	536,734	1.8%	0.003	0.016	36,822,657	1.46%	25%
19	29,552,459	538,261	1.8%	0.003	0.016	36,930,390	1.46%	25%
20	29,613,017	539,038	1.8%	0.001	0.016	36,987,347	1.46%	25%
21	29,652,483	539,517	1.8%	0.001	0.016	37,024,135	1.46%	25%
22	29,708,385	540,503	1.8%	0.002	0.016	37,095,220	1.46%	25%
23	29,769,325	541,289	1.8%	0.001	0.015	37,152,760	1.46%	25%
24	29,834,734	542,584	1.8%	0.002	0.015	37,244,765	1.46%	25%
25	29,903,245	543,975	1.8%	0.003	0.015	37,343,278	1.46%	25%
26	29,976,179	545,273	1.8%	0.002	0.015	37,435,488	1.46%	25%
27	30,038,363	546,144	1.8%	0.002	0.015	37,498,767	1.46%	25%
28	30,085,827	546,704	1.8%	0.001	0.015	37,540,978	1.46%	25%
29	30,147,895	547,296	1.8%	0.001	0.015	37,585,344	1.46%	25%
30	30,213,759	548,162	1.8%	0.002	0.015	37,648,259	1.46%	25%
31	30,277,908	549,098	1.8%	0.002	0.015	37,715,912	1.46%	25%
1	30,357,579	550,169	1.8%	0.002	0.015	37,792,712	1.46%	24%
2	30,424,145	552,829	1.8%	0.005	0.015	37,977,407	1.46%	25%
3	30,492,334	553,681	1.8%	0.002	0.015	38,039,366	1.46%	25%
4	30,532,965	554,064	1.8%	0.001	0.015	38,069,537	1.46%	25%

5	30,596,830	554,420	1.8%	0.001	0.015	38,097,863	1.46%	25%
6	30,662,171	555,231	1.8%	0.001	0.015	38,157,014	1.46%	24%
7	30,737,477	556,106	1.8%	0.002	0.015	38,220,499	1.45%	24%
8	30,814,955	557,093	1.8%	0.002	0.015	38,291,576	1.45%	24%
9	30,897,028	558,028	1.8%	0.002	0.015	38,359,120	1.45%	24%
10	30,965,577	558,843	1.8%	0.001	0.015	38,418,518	1.45%	24%
11	31,014,986	559,171	1.8%	0.001	0.015	38,444,881	1.45%	24%
12	31,076,512	559,740	1.8%	0.001	0.015	38,487,572	1.45%	24%
13	31,158,087	560,576	1.8%	0.001	0.015	38,548,369	1.45%	24%
14	31,231,869	561,356	1.8%	0.001	0.015	38,605,359	1.45%	24%
15	31,306,928	562,296	1.8%	0.002	0.015	38,673,204	1.45%	24%
16	31,382,266	563,216	1.8%	0.002	0.015	38,739,687	1.45%	23%
17	31,447,381	563,863	1.8%	0.001	0.015	38,787,629	1.45%	23%
18	31,493,413	564,218	1.8%	0.001	0.015	38,815,745	1.45%	23%
19	31,541,447	564,813	1.8%	0.001	0.015	38,860,136	1.45%	23%
20	31,602,676	565,613	1.8%	0.001	0.014	38,918,440	1.45%	23%
21	31,666,546	566,494	1.8%	0.002	0.014	38,982,239	1.45%	23%
22	31,730,950	567,352	1.8%	0.002	0.014	39,044,471	1.45%	23%
23	31,795,248	568,237	1.8%	0.002	0.014	39,108,532	1.45%	23%
24	31,848,068	568,969	1.8%	0.001	0.014	39,162,191	1.45%	23%
25	31,883,289	569,272	1.8%	0.001	0.014	39,186,702	1.45%	23%
26	31,924,610	569,771	1.8%	0.001	0.014	39,224,512	1.45%	23%
27	31,876,888	570,421	1.8%	0.001	0.014	39,272,571	1.45%	23%
28	32,031,068	572,297	1.8%	0.003	0.014	39,404,038	1.45%	23%
29	32,091,429	572,190	1.8%	(0.000)	0.014	39,400,668	1.45%	23%
30	32,145,557	573,012	1.8%	0.001	0.014	39,460,401	1.45%	23%

eC chart April 1, 2020 to April 30, 2021

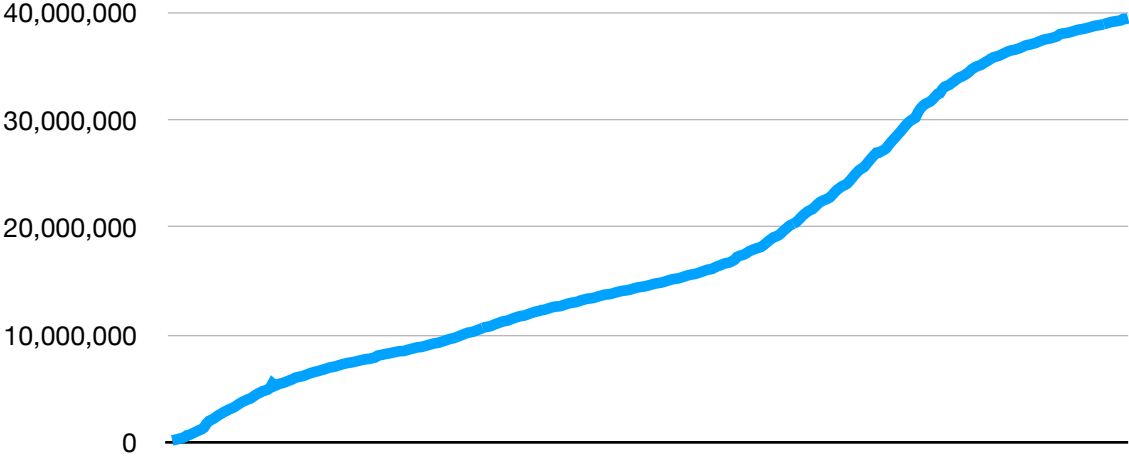


Chart D/C(green) verses D/eC(blue), 4/1/2020 to April 30, 2021

