

State Level COVID-19 Case Progression From April 16 to April 23

5 Slide Series, Volume 83-g

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The Menges Group

Strategic Health Policy & Care Coordination Consulting

Introduction and Overview

- This edition quantifies state-level growth in COVID-19 confirmed cases and deaths over the past week.
- While case counts are still increasing sharply, the rate of increase is again lower than the previous week.
- The rate of new daily cases dropped in 18 states (as well as in all US territories and the District of Columbia) during the week of April 16-23 versus the previous week. These states and jurisdictions, where we may now be “over the peak” in terms of new cases per day, comprise 38% of the US population.
 - The inverse of the above statistic is that 62% of Americans reside in states where the number of confirmed cases per day was still increasing as of this past week.
- The five states experiencing the sharpest **decrease** in confirmed cases during the week of April 16-23 versus the prior week are: Montana (67% reduction), Vermont (59%), Hawaii (46%), Alaska (45%), and Maine (40%).
- The five states experiencing the sharpest **increase** in confirmed cases during the week of April 16-23 versus the prior week are: Wyoming (175% increase), North Dakota (155% increase), Nebraska (136%), Kansas (120%), and Ohio (116%). The rate of new confirmed cases more than doubled in seven states this past week (also including Arkansas and Iowa).

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Progression of New Cases and New Deaths Over the Past Four Weeks

- The weekly changes in nationwide new cases and new deaths are shown in the table.
- The positive finding is that for two consecutive weeks the number of new confirmed cases has decreased.
- The disturbing finding is that these decreases have been modest in size, with a massive number of new confirmed cases still occurring. This past week the nation averaged over 28,000 new confirmed cases *per day*. This rate of new cases is far above where it stood four weeks ago.
- Death tolls continued to mount at a rate of approximately 2,400 per day over the past week – equal to the rate during the prior week.

Week	New Confirmed Cases During Week	Percent Change in New Confirmed Cases from Prior Week	New Deaths During Week	Percent Change in New Deaths from Prior Week
March 26 to April 2	72,256		4,437	
April 2 to April 9	229,136	217%	10,987	148%
April 9 to April 16	209,130	-9%	16,620	51%
April 16 to April 23	197,107	-6%	16,646	0%

Table 1 of 3: Alabama through Maine

STATE	Cumulative Confirmed Cases as of April 23	Cumulative Confirmed Cases Per 100,000 Population as of April 23	State Rank, Confirmed Cases Per Capita, April 23	New Confirmed Cases, April 9-16	New Confirmed Cases, April 16-23	Percent Change in New Confirmed Cases, April 16-23 versus April 9-16	COVID-19 Deaths, as of April 23	COVID-19 Deaths Per 100,000 Population, as of April 23	State Rank, COVID-19 Deaths Per Capita as of April 23
Alabama	5,832	119	27	1,566	1,428	-9%	202	4	26
Alaska	337	46	49	67	37	-45%	9	1	47
Arizona	5,772	79	39	1,223	1,531	25%	249	3	33
Arkansas	2,599	86	38	474	979	107%	45	1	45
California	39,561	100	33	7,966	11,404	43%	1,533	4	28
Colorado	11,278	196	15	2,473	2,603	5%	552	10	13
Connecticut	23,100	648	4	6,100	7,216	18%	1,639	46	3
Delaware	3,308	340	9	866	1,233	42%	92	9	14
District of Columbia	3,361	476	7	953	885	-7%	139	20	7
Florida	29,648	138	19	6,521	6,308	-3%	987	5	21
Georgia	21,883	206	14	5,483	5,515	1%	881	8	16
Hawaii	596	42	50	101	55	-46%	12	1	51
Idaho	1,836	103	32	256	227	-11%	54	3	36
Illinois	36,937	291	11	9,311	11,204	20%	1,688	13	10
Indiana	13,039	194	16	3,198	3,490	9%	706	10	12
Iowa	3,924	124	24	871	1,783	105%	96	3	35
Kansas	2,721	93	35	501	1,104	120%	113	4	29
Kentucky	3,481	78	42	910	1,046	15%	191	4	25
Louisiana	25,739	554	6	4,249	3,207	-25%	1,599	34	4
Maine	937	70	45	236	141	-40%	44	3	34

Yellow highlighting denotes the ten states with the highest per capita rates of cases and deaths

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Table 2 of 3: Maryland through Rhode Island

STATE	Cumulative Confirmed Cases as of April 23	Cumulative Confirmed Cases Per 100,000 Population as of April 23	State Rank, Confirmed Cases Per Capita, April 23	New Confirmed Cases, April 9-16	New Confirmed Cases, April 16-23	Percent Change in New Confirmed Cases, April 16-23 versus April 9-16	COVID-19 Deaths, as of April 23	COVID-19 Deaths Per 100,000 Population, as of April 23	State Rank, COVID-19 Deaths Per Capita as of April 23
Maryland	15,737	260	12	4,599	4,953	8%	748	12	11
Massachusetts	46,023	662	3	13,240	13,842	5%	2,360	34	5
Michigan	35,296	353	8	7,888	6,033	-24%	2,977	30	6
Minnesota	2,942	52	47	670	1,030	54%	200	4	32
Mississippi	5,153	173	17	1,364	1,529	12%	201	7	18
Missouri	6,506	106	31	1,700	1,267	-25%	252	4	27
Montana	442	41	51	83	27	-67%	14	1	46
Nebraska	2,202	114	28	479	1,129	136%	47	2	40
Nevada	4,208	137	20	865	887	3%	195	6	19
New Hampshire	1,670	123	25	392	459	17%	51	4	30
New Jersey	100,025	1,126	2	24,290	24,708	2%	5,426	61	2
New Mexico	2,379	113	29	608	782	29%	78	4	31
New York	263,460	1,354	1	63,754	39,769	-38%	20,982	108	1
North Carolina	7,820	75	44	2,034	2,135	5%	281	3	38
North Dakota	709	93	36	124	316	155%	15	2	42
Ohio	14,694	126	23	2,902	6,280	116%	656	6	20
Oklahoma	3,017	76	43	673	660	-2%	179	5	22
Oregon	2,127	50	48	415	391	-6%	83	2	43
Pennsylvania	38,379	300	10	9,935	10,065	1%	1,724	13	9
Rhode Island	6,256	591	5	2,111	2,418	15%	189	18	8

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Table 3 of 3: South Carolina through Wyoming (including US Totals and US Territories)

STATE	Cumulative Confirmed Cases as of April 23	Cumulative Confirmed Cases Per 100,000 Population as of April 23	State Rank, Confirmed Cases Per Capita, April 23	New Confirmed Cases, April 9-16	New Confirmed Cases, April 16-23	Percent Change in New Confirmed Cases, April 16-23 versus April 9-16	COVID-19 Deaths, as of April 23	COVID-19 Deaths Per 100,000 Population, as of April 23	State Rank, COVID-19 Deaths Per Capita as of April 23
South Carolina	4,917	95	34	1,139	986	-13%	150	3	37
South Dakota	1,956	221	13	864	645	-25%	9	1	50
Tennessee	8,266	121	26	1,807	2,003	11%	171	3	39
Texas	22,650	78	41	5,934	5,387	-9%	604	2	41
Utah	3,612	113	30	709	923	30%	35	1	49
Vermont	825	132	21	140	57	-59%	43	7	17
Virginia	10,998	129	22	3,449	3,507	2%	373	4	24
Washington	12,753	167	18	1,721	1,424	-17%	711	9	15
West Virginia	981	55	46	215	242	13%	31	2	44
Wisconsin	5,052	87	37	1,004	1,163	16%	258	4	23
Wyoming	453	78	40	57	157	175%	7	1	48
50 States + DC	867,397	264		208,490	196,570	-6%	49,881	15	
Territories									
American Samoa	0			0	0	na	0	-	
Guam	975			248	185	-25%	6	4	
Northern Mariana Islands	14			2	1	-50%	2	4	
Puerto Rico	1416			385	348	-10%	69	2	
Virgin Islands	54			5	3	-40%	3	3	
Territories Subtotal	2,459	69		640	537	-16%	80	2	
USA including Territories	869,856	262		209,130	197,107	-6%	49,961	15	

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5 Slide Series Overview

Our 5 Slide Series is a monthly publication whereby we briefly discuss/address a selected topic outside the confines of our client engagements. The Menges Group has a variety of datasets that we use to support our 5 Slide Series and client projects.

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