

This Week's Progression of COVID-19 Confirmed Cases by State

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Introduction

- This edition quantifies by state the unfortunately explosive growth in confirmed COVID-19 cases that has occurred over the past few days.
 - Nationally this figure tripled between March 17 and March 19.
- The number of deaths attributed to the virus was 197 nationally as of March 19, with more reported deaths occurring in the USA between March 17 and March 19 (106) than in all previous days combined (87).
- While we also provide testing counts and have translated this information into rates per population, we have significant concerns with the quality of the testing data that is currently available in many states.

Table 1 of 3: Alabama through Maine

STATE	Confirmed Cases			Deaths		Confirmed Cases per 100,000 Population			
	March 17th	March 19th	Percent Increase	March 17th	March 19th	March 17th	March 19th	Rank, March 17th	Rank, March 19th
Alabama	29	78	169%			0.59	1.59	35	29
Alaska	3	9	200%			0.41	1.23	40	37
Arizona	18	44	144%			0.25	0.60	47	48
Arkansas	22	62	182%			0.73	2.05	26	22
California	450	894	99%	11	19	1.14	2.26	16	19
Colorado	160	183	14%	1	2	2.78	3.18	6	14
Connecticut	41	159	288%		2	1.15	4.46	14	7
Delaware	8	30	275%			0.82	3.08	24	16
District of Columbia	22	71	223%			3.12	10.06	3	3
Florida	154	426	177%	5	8	0.72	1.98	28	23
Georgia	121	287	137%	1	10	1.14	2.70	15	18
Hawaii	10	16	60%			0.71	1.13	29	40
Idaho	5	23	360%			0.28	1.29	45	35
Illinois	105	422	302%		4	0.83	3.33	23	12
Indiana	25	56	124%	1	2	0.37	0.83	43	47
Iowa	23	38	65%			0.73	1.20	27	38
Kansas	11	34	209%	1	1	0.38	1.17	42	39
Kentucky	25	47	88%	1	2	0.56	1.05	37	43
Louisiana	136	380	179%	3	10	2.93	8.17	4	5
Maine	17	52	206%			1.26	3.87	12	9

Yellow highlighting denotes states ranked in top 10 (those with the highest rates of confirmed cases per 100,000 population).

Table 2 of 3: Maryland through Rhode Island

STATE	Confirmed Cases			Deaths		Confirmed Cases per 100,000 Population			
	March 17th	March 19th	Percent Increase	March 17th	March 19th	March 17th	March 19th	Rank, March 17th	Rank, March 19th
Maryland	38	107	182%		1	0.63	1.77	32	26
Massachusetts	197	328	66%			2.83	4.72	5	6
Michigan	53	334	530%		1	0.53	3.34	38	11
Minnesota	54	89	65%			0.96	1.58	20	30
Mississippi	12	50	317%		1	0.40	1.68	41	27
Missouri	8	24	200%		1	0.13	0.39	50	50
Montana	7	9	29%			0.65	0.84	30	46
Nebraska	18	27	50%			0.93	1.40	21	34
Nevada	45	84	87%	1	1	1.46	2.73	11	17
New Hampshire	17	44	159%			1.25	3.24	13	13
New Jersey	178	742	317%	3	9	2.00	8.35	7	4
New Mexico	21	35	67%			1.00	1.67	19	28
New York	950	5,298	458%	5	32	4.88	27.23	2	1
North Carolina	32	96	200%			0.31	0.92	44	45
North Dakota	1	15	1400%			0.13	1.97	49	24
Ohio	50	119	138%			0.43	1.02	39	44
Oklahoma	10	44	340%		1	0.25	1.11	46	41
Oregon	47	88	87%	1	3	1.11	2.09	17	21
Pennsylvania	76	185	143%		1	0.59	1.45	34	32
Rhode Island	21	44	110%			1.98	4.15	8	8

Yellow highlighting denotes states ranked in top 10 (those with the highest rates of confirmed cases per 100,000 population).

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

STATE	Confirmed Cases			Deaths		Confirmed Cases per 100,000 Population			
	March 17th	March 19th	Percent Increase	March 17th	March 19th	March 17th	March 19th	Rank, March 17th	Rank, March 19th
South Carolina	33	81	145%	1	1	0.64	1.57	31	31
South Dakota	9	11	22%	1	1	1.02	1.24	18	36
Tennessee	52	98	88%			0.76	1.43	25	33
Texas	57	156	174%	1	4	0.20	0.54	48	49
Utah	29	68	134%			0.90	2.12	22	20
Vermont	12	22	83%			1.92	3.53	9	10
Virginia	51	94	84%	2	2	0.60	1.10	33	42
Washington	909	1,376	51%	48	74	11.94	18.07	1	2
West Virginia	0	2	na			-	0.11	51	51
Wisconsin	33	106	221%			0.57	1.82	36	25
Wyoming	10	18	80%			1.73	3.11	10	15
50 States + DC	4,415	13,105	197%	87	193	1.34	3.99		
Territories									
American Samoa	na	0	na	na	0	na	-		
Guam	na	12	na	na	0	na	7.53		
Northern Mariana Islands	na	0	na	na	0	na	-		
Puerto Rico	na	5	na	na	0	na	0.19		
Virgin Islands	na	3	na	na	0	na	0.94		
Territories Subtotal	na	20	na	na	0	na	0.56		
USA including Territories	4,415	13,125	197%	87	193	1.34	3.95		

Yellow highlighting denotes states ranked in top 10 (those with the highest rates of confirmed cases per 100,000 population).

Available State-Level Testing Data are Suspect But Important to Track Effectively

- We used the COVID Tracking Project for the testing figure data, which is a nationwide compilation pulling together testing data from state and local health departments.
- These testing figures are shown on the following slide, and we have added data on the percentage of persons testing positive and the volume of tests conducted per 100,000 population.
- The states shaded in peach highlighting have exceptionally low testing figures on a per capita basis (less than 10 tests per 100,000 population). We think this is at least partially attributable to a data lag rather than testing shortfall (although the rate of testing has been problematically low throughout the nation and could be particularly low in these states). Additionally, there has been a multi-day lag in the date the test was performed and the results from the test in many states.
- The eleven states in green highlighting have positive test percentages of 5% or lower, which could be indicative of relatively strong data reporting and/or of relatively strong volume of testing having actually occurred.
- We are concerned with the validity of the testing information but reporting it due to the extreme importance of having strong testing options/opportunities in place and the public health importance of tracking how we are performing in this regard. We also recognize that the testing data is changing rapidly.

Testing Counts as of March 19 as Compiled by COVID-19 Tracking Project

Peach highlighting denotes states where the COVID-19 Tracking Project has tabulated fewer than 10 tests occurring per 100,000 population. These data are highly suspect.

Green highlighting denotes states where the percentage of positive tests is below 5%, which could be indicative of more complete data reporting and/or relatively strong performance in getting tests accessed and completed.

STATE	Tests, March 2019 per COVID Tracking Project	Positive Test %	Tests Given Per 100,000 Population
Alabama	96	71%	2
Alaska	412	1%	56
Arizona	349	13%	5
Arkansas	469	10%	16
California	9,711	10%	25
Colorado	2,328	9%	40
Connecticut	700	14%	20
Delaware	76	39%	8
District of Columbia	203	19%	29
Florida	2,942	13%	14
Georgia	1,831	16%	17
Hawaii	119	13%	8
Idaho	468	2%	26
Illinois	3,151	14%	25
Indiana	380	15%	6
Iowa	128	30%	4
Kansas	451	8%	15
Kentucky	489	7%	11
Louisiana	805	43%	17
Maine	2,057	3%	153
Maryland	201	53%	3
Massachusetts	3,132	10%	45
Michigan	2,449	14%	25
Minnesota	3,038	3%	54
Mississippi	602	8%	20

STATE	Tests, March 2019 per COVID Tracking Project	Positive Test %	Tests Given Per 100,000 Population
Missouri	332	7%	5
Montana	773	2%	72
Nebraska	267	10%	14
Nevada	1,721	6%	56
New Hampshire	891	4%	66
New Jersey	1,026	72%	12
New Mexico	2,797	1%	133
New York	22,284	19%	115
North Carolina	2,505	4%	24
North Dakota	508	3%	67
Ohio	551	22%	5
Oklahoma	760	6%	19
Oregon	1,854	5%	44
Pennsylvania	1,793	10%	14
Rhode Island	907	4%	86
South Carolina	643	9%	12
South Dakota	947	1%	107
Tennessee	503	31%	7
Texas	2,355	6%	8
Utah	1,604	5%	50
Vermont	667	3%	107
Virginia	1,923	5%	23
Washington	17,105	7%	225
West Virginia	148	1%	8
Wisconsin	2,347	7%	40
Wyoming	289	6%	50
50 States + DC	104,087	11.2%	32

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. We will add additional “special editions” over the upcoming weeks to share tabulations about the pandemic.

To be added to our list to receive these as they are published (or to be removed), please email us at jmenges@themengesgroup.com or call 571-312-2360.

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