

COVID Tabulations – State-Level Analyses of Recent COVID Testing, Cases, and Deaths; as of June 30; Top 20 Counties with the Largest Increase in COVID-19 Cases

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The Menges Group

Strategic Health Policy & Care Coordination Consulting

Introduction and Overview

- This edition quantifies state-level growth in new tests, cases and deaths related to COVID-19 over the past two weeks.
- In the past week, the percent increase in new cases is far above the percent increase of new tests. Nationally, we experienced a 14.5% increase in testing from June 23-30 versus the prior seven-day period, but a 40.7% increase in new confirmed cases.
- The state-level tables demonstrate the progression of testing and new cases between the week of June 16-23 compared to the week of June 23-30. Additionally, these tables convey each state's rank regarding 1) cumulative COVID-19 cases per 100,000; 2) the recent percentage change in the number of new cases; and 3) the recent testing positivity rate.
- We also provide data on the 20 counties with the largest increase in confirmed cases from June 23-30 as compared to the previous week. Nine of these counties are in Florida, five are in Texas, and three are in California.

Nationwide Progression of New Tests, New Cases and New Deaths During June is Alarming

Week	Number of Tests	Percent Change in Tests from Previous Week	Percentage of Tests with Positive Result	New Confirmed Cases	Percent Change in Cases from Previous Week	Number of Deaths	Percent Change in Deaths from Previous Week
June 2 - 9	3,193,093		4.7%	148,602		6,065	
June 9 - 16	3,376,103	5.7%	4.8%	161,239	8.5%	4,857	-19.9%
June 16 - 23	3,622,606	7.3%	5.8%	208,507	29.3%	4,214	-13.2%
June 23 - 30	4,148,440	14.5%	7.1%	293,366	40.7%	6,316	49.9%

- The renewed/enhanced spread of the virus is evidenced in multiple ways in the above data – by the increased positive test rate (coupled with weekly increases in the volume of tests being conducted), by the percentage increases in new cases each week being higher than the percentage increase in tests (this differential has widened from 3 to 25 percentage points during the past three weeks), and by a 50 percent increase in deaths during the most recent week.
- The World Health Organization advises that a 5% or lower rate of testing positivity is indicative of a reasonable level community testing and control over disease spread. The United States is currently trending further above this threshold with each passing week.

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Testing, Cases, and Deaths – Rates and Recent Trends

Table 1 of 3: Alabama through Maine

State	Cumulative Cases per 100,000 Population as of June 30	State Rank in Prior Column	Percent Change in New Tests Conducted, June 23–30 Versus June 16–23	Percent Change in New Cases, June 23–30 Versus 16–23	State Rank in Prior Column	Positivity Rate June 16–23	Positivity Rate June 23–30	State Rank in Prior Column
Alabama	776	15	8.2%	66.0%	7	8.6%	13.2%	6
Alaska	155	49	15.0%	47.4%	15	0.9%	1.2%	47
Arizona	1,091	11	6.6%	10.0%	41	22.2%	22.9%	1
Arkansas	688	25	-20.7%	17.6%	34	5.9%	8.8%	12
California	588	30	19.9%	28.9%	26	5.7%	6.1%	18
Colorado	568	33	3.6%	25.6%	28	4.2%	5.1%	25
Connecticut	1,305	6	46.9%	11.8%	40	1.3%	1.0%	50
Delaware	1,178	8	16.4%	41.2%	18	3.9%	4.7%	31
District of Columbia	1,463	5	-13.5%	-15.6%	50	1.7%	1.7%	44
Florida	710	20	68.6%	109.2%	1	13.0%	16.1%	2
Georgia	728	18	6.6%	53.5%	11	8.6%	12.4%	8
Hawaii	64	51	14.9%	19.0%	33	1.1%	1.1%	48
Idaho	343	43	24.9%	97.0%	2	8.3%	13.0%	7
Illinois	1,142	9	18.8%	21.8%	31	2.6%	2.6%	38
Indiana	694	24	-7.7%	26.8%	27	3.5%	4.8%	29
Iowa	924	13	15.9%	21.5%	32	6.5%	6.8%	16
Kansas	502	35	20.3%	80.8%	4	6.0%	9.1%	11
Kentucky	356	41	12.4%	11.9%	39	4.0%	4.0%	33
Louisiana	1,252	7	-10.3%	67.0%	6	3.8%	7.0%	15
Maine	242	45	41.3%	48.0%	13	1.9%	2.0%	42

Purple highlighting denotes states where case growth exceeds testing growth by >10 percentage points

Grey highlighting denotes states where case growth and testing growth are within 10 percentage points of each other

Green highlighting denotes states where testing growth exceeds case growth by >10 percentage points

In the state rankings, yellow highlighting denotes a Top 10 state ranking in each category, and blue highlighting denotes a ranking in the Bottom 10.



Testing, Cases, and Deaths – Rates and Recent Trends

Table 2 of 3: Maryland through Rhode Island

State	Cumulative Cases per 100,000 Population as of June 30	State Rank in Prior Column	Percent Change in New Tests Conducted, June 23–30 Versus June 16–23	Percent Change in New Cases, June 23–30 Versus 16–23	State Rank in Prior Column	Positivity Rate June 16–23	Positivity Rate June 23–30	State Rank in Prior Column
Maryland	1,127	10	-3.7%	-1.8%	47	4.8%	4.9%	27
Massachusetts	1,580	4	-5.5%	-7.1%	49	2.4%	2.4%	39
Michigan	709	21	25.0%	29.9%	24	2.0%	2.1%	41
Minnesota	644	26	-6.2%	9.6%	42	2.8%	3.3%	34
Mississippi	916	14	251.0%	58.4%	9	21.0%	9.5%	10
Missouri	360	40	70.7%	34.1%	21	6.8%	5.3%	22
Montana	90	50	63.7%	73.6%	5	1.2%	1.3%	46
Nebraska	992	12	2.0%	3.9%	44	5.5%	5.6%	20
Nevada	603	29	11.5%	89.7%	3	9.2%	15.6%	3
New Hampshire	425	39	-5.8%	1.9%	46	2.1%	2.2%	40
New Jersey	1,954	2	-8.4%	64.1%	8	1.5%	2.7%	37
New Mexico	579	31	31.5%	44.6%	17	3.0%	3.3%	35
New York	2,007	1	-7.8%	-3.1%	48	1.0%	1.1%	49
North Carolina	620	28	11.3%	17.4%	36	7.1%	7.5%	14
North Dakota	470	36	-3.7%	30.2%	23	2.2%	3.0%	36
Ohio	443	38	14.8%	37.5%	20	4.0%	4.8%	28
Oklahoma	348	42	40.0%	14.5%	38	7.2%	5.9%	19
Oregon	205	46	-13.6%	17.5%	35	3.8%	5.1%	24
Pennsylvania	713	19	11.9%	23.0%	30	4.2%	4.6%	32
Rhode Island	1,587	3	8.5%	-24.1%	51	2.0%	1.4%	45

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Testing, Cases, and Deaths – Rates and Recent Trends

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

State	Cumulative Cases per 100,000 Population as of June 30	State Rank in Prior Column	Percent Change in New Tests Conducted, June 23–30 Versus June 16–23	Percent Change in New Cases, June 23–30 Versus June 16–23	State Rank in Prior Column	Positivity Rate June 16–23	Positivity Rate June 23–30	State Rank in Prior Column
South Carolina	707	22	71.6%	47.9%	14	15.9%	13.7%	5
South Dakota	765	16	-10.1%	6.2%	43	5.7%	6.7%	17
Tennessee	627	27	32.0%	54.7%	10	6.6%	7.7%	13
Texas	575	32	9.3%	46.0%	16	11.6%	15.4%	4
Utah	698	23	44.8%	15.8%	37	12.7%	10.2%	9
Vermont	194	47	0.0%	29.4%	25	0.5%	0.7%	51
Virginia	736	17	-7.6%	3.5%	45	4.4%	4.9%	26
Washington	454	37	212.9%	33.0%	22	12.5%	5.3%	23
West Virginia	162	48	1.0%	23.8%	29	1.5%	1.8%	43
Wisconsin	545	34	-2.0%	50.0%	12	3.6%	5.5%	21
Wyoming	257	44	N/A*	41.2%	19	N/A*	4.7%	30
50 States + DC	803		14.0%	40.7%		5.7%	7.1%	
Territories								
American Samoa	0		-	0.0%			0.0%	
Guam	729		64.5%	-12.8%		2.4%	1.3%	
Northern Mariana Islands	52		-	0.0%		0.0%		
Puerto Rico	246		6.3%	6.3%		100.0%	100.0%	
Virgin Islands	78		16.9%	25.0%		1.7%	1.8%	
Territories Subtotal	258		43.6%	5.4%		29.4%	19.3%	
United States and Territories	796		15.0%	40.8%		5.8%	7.1%	

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State Level Observations

- During the week of June 23-30, **46 states** experienced growth in new cases relative to the previous week. Florida (109%), Idaho (97%), Nevada (90%) and Kansas (81%) experienced the largest percentage increase in new cases June 23–30 versus June 16–23.
 - The jurisdictions reporting a decrease in new cases this past week are Rhode Island (24% decrease), District of Columbia (16%), Massachusetts (7%), New York (3%), and Maryland (2%).
- While 26 states reported a testing positivity rate below 5.0% during this most recent week, several states were far above this level.
 - Arizona (22.2%), Florida (16.1%), Nevada (15.6%), and Texas (15.4%) reported the highest positivity rate. Another five states were above 10%.

Top 20 Counties with the Largest Increase in New Cases, June 23 – 30 Versus Prior Week

- Collectively, these 20 counties experienced 61% more new cases during the week of June 23–30 compared to the prior week.
- The number of new cases more than doubled this week (versus the prior week) in 8 of these counties.
- Florida accounts for 9 of the 20 counties with the largest increase in new cases (including each of the Top 3); 5 of the Top 20 are from Texas; 3 are from California.

County Name	State	Total Population	Cumulative Cases through June 30	Cumulative Cases per 100,000 Population as of June 30	New Cases June 16-23	New Cases June 23-30	Change in Number of New Cases, June 23-30 vs. Prior Week	Percentage Change in Case Growth, June 23-30 vs. Prior Week
Miami-Dade	Florida	2,716,940	36,819	1,355	4,081	9,998	5,917	145%
Orange	Florida	1,393,452	10,313	740	2,065	4,812	2,747	133%
Hillsborough	Florida	1,471,968	10,752	730	2,147	4,576	2,429	113%
Los Angeles	California	10,039,107	103,529	1,031	13,178	15,267	2,089	16%
Bexar	Texas	2,003,554	12,077	603	2,591	4,598	2,007	77%
Duval	Florida	957,755	6,207	648	1,090	3,005	1,915	176%
Clark	Nevada	2,266,715	15,095	666	2,029	3,909	1,880	93%
Maricopa	Arizona	4,485,414	48,710	1,086	13,108	14,827	1,719	13%
Broward	Florida	1,952,778	15,624	800	2,246	3,880	1,634	73%
Hidalgo	Texas	868,707	3,955	455	627	2,073	1,446	231%
Orange	California	3,175,692	13,843	436	1,738	3,106	1,368	79%
San Diego	California	3,338,330	14,212	426	1,564	2,855	1,291	83%
Tarrant	Texas	2,102,515	12,344	587	1,744	2,958	1,214	70%
Nueces	Texas	362,294	2,394	661	422	1,581	1,159	275%
Lee	Florida	770,577	5,587	725	730	1,843	1,113	152%
Travis	Texas	1,273,954	9,527	748	1,825	2,931	1,106	61%
Palm Beach	Florida	1,496,770	14,148	945	1,918	2,970	1,052	55%
Pinellas	Florida	974,996	6,487	665	1,510	2,454	944	63%
Polk	Florida	724,777	3,836	529	713	1,557	844	118%
Charleston	South Carolina	411,406	4,027	979	1,022	1,775	753	74%

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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