

COVID-19 Tabulations: New Confirmed Cases by County and Monthly Data on Each State's Average Daily New Cases and Deaths per 100,000 Population

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The Menges Group

Strategic Health Policy & Care Coordination Consulting

Introduction and Overview

- This edition of our COVID 5 Slide Series updates the summary distribution of US counties by new confirmed cases the week of June 3 – 10 versus this past week, June 10 – 17.
 - The percentage of the US population residing in counties where the number of weekly new confirmed cases has risen across the past weeks is now at 54%. This has risen by almost 9 percentage points over the past two weeks.
 - 95% of all counties have reported at least one confirmed COVID-19 case since the outbreak began in the United States. The counties with no cases to date collectively represent only 0.2% of the US population.
- This edition provides a new table that presents the monthly progression of average daily new cases and deaths per 100,000 population in each State (and DC) and Territory from March through mid-June.
 - Arizona's rate of daily new cases during June thus far is the nation's highest. This rate is higher than all but two states experienced during May.

Distribution of US Counties by New Confirmed Cases June 3 – 10 versus June 10 - 17

- More than half of the US population (54%) lives in a county that reported an **increase** in the number of confirmed COVID-19 cases this past week (June 10 – 17) compared to the prior week.
 - This is almost 9 percentage points *higher* than the same category two weeks ago.
- 43.3% of the population lives in counties with **fewer** new cases June 10-17 than June 3-10.

	Counties with No Confirmed Cases Through June 17	Counties with Fewer New Cases June 10 - 17 than June 3 - 10	Counties with More New Cases June 10 - 17 than June 3 - 10	Counties with the Same Number of New Cases June 3 - 10 and June 10 - 17
Number of Counties	164	1,162	1,364	510
% of All Counties	5.1%	36.3%	42.6%	15.9%
% Total US Population	0.2%	43.3%	54.0%	2.6%
% Cumulative Cases as of June 17	0.0%	64.1%	35.3%	0.6%
% Cumulative Deaths as of June 17	0.0%	75.5%	24.0%	0.5%

State Table 1 of 3: Alabama through Maine

Daily averages for June are through June 17th.

State	Average Daily New Cases per 100,000 Population					Average Daily New Deaths per 100,000 Population				
	March	April	May	June	State Rank, June 1 - 17	March	April	May	June	State Rank, June 1 - 17
Alabama	0.66	4.05	7.01	10.53	3	0.01	0.17	0.22	0.17	23
Alaska	0.59	0.96	0.47	2.41	44	0.01	0.02	0.00	0.02	48
Arizona	0.57	2.86	5.31	17.00	1	0.01	0.14	0.26	0.27	17
Arkansas	0.66	2.87	4.21	12.01	2	0.01	0.05	0.07	0.12	30
California	0.70	3.43	4.96	7.10	15	0.02	0.16	0.17	0.15	27
Colorado	1.67	6.86	6.00	3.16	42	0.04	0.40	0.35	0.18	22
Connecticut	2.83	22.57	12.16	4.44	31	0.06	2.03	1.45	0.42	7
Delaware	1.06	14.95	15.17	5.07	27	0.03	0.48	0.69	0.35	11
District of Columbia	2.26	17.65	18.94	8.25	12	0.04	1.01	1.07	0.46	5
Florida	1.01	4.02	3.22	7.09	16	0.01	0.18	0.17	0.15	26
Georgia	1.25	6.50	5.66	6.35	23	0.04	0.30	0.26	0.27	18
Hawaii	0.51	0.83	0.07	0.37	51	0.00	0.04	0.00	-	50
Idaho	0.95	2.51	1.48	2.39	45	0.02	0.10	0.03	0.02	46
Illinois	1.54	12.07	16.43	6.38	20	0.03	0.58	0.75	0.57	4
Indiana	1.04	7.68	7.90	5.55	25	0.03	0.51	0.46	0.29	16
Iowa	0.51	6.97	12.00	9.00	10	0.01	0.16	0.38	0.22	20
Kansas	0.48	4.37	5.94	3.43	38	0.01	0.14	0.08	0.06	40
Kentucky	0.43	3.00	3.65	4.00	33	0.01	0.16	0.14	0.12	32
Louisiana	3.63	15.47	7.85	10.49	4	0.17	1.14	0.60	0.33	12
Maine	0.73	1.86	2.88	2.13	46	0.01	0.11	0.08	0.06	41

Colored highlighting denotes the ten states with the highest number of average daily new cases or deaths per 100,000 population within each month.



State Table 2 of 3: Maryland through Rhode Island

Daily averages for June are through June 17th.

State	Average Daily New Cases per 100,000 Population					Average Daily New Deaths per 100,000 Population				
	March	April	May	June	State Rank, June 1 - 17	March	April	May	June	State Rank, June 1 - 17
Maryland	0.89	10.96	15.95	9.27	9	0.01	0.62	0.71	0.43	6
Massachusetts	3.10	26.30	15.28	4.56	29	0.04	1.66	1.46	0.60	3
Michigan	2.46	10.70	4.85	4.86	28	0.09	1.15	0.52	0.30	15
Minnesota	0.36	2.63	10.94	6.37	21	0.01	0.20	0.39	0.31	14
Mississippi	1.02	6.43	8.98	9.66	7	0.02	0.27	0.49	0.39	8
Missouri	0.66	3.08	2.66	3.22	41	0.01	0.16	0.21	0.12	31
Montana	0.60	0.73	0.19	0.61	50	0.01	0.04	0.00	0.02	47
Nebraska	0.31	7.08	15.45	8.76	11	0.01	0.11	0.18	0.17	24
Nevada	1.17	4.08	3.54	6.02	24	0.03	0.23	0.17	0.10	37
New Hampshire	0.87	4.24	5.55	3.25	39	0.01	0.17	0.39	0.37	10
New Jersey	6.79	36.18	14.26	4.49	30	0.10	2.58	1.51	0.69	2
New Mexico	0.48	4.85	6.42	6.35	22	0.01	0.19	0.35	0.25	19
New York	12.34	37.56	10.36	4.00	34	0.21	3.59	1.17	0.33	13
North Carolina	0.47	2.83	5.46	9.97	6	0.00	0.12	0.16	0.15	25
North Dakota	0.53	4.02	6.24	4.18	32	0.01	0.07	0.17	0.11	35
Ohio	0.61	4.41	4.63	3.24	40	0.02	0.26	0.32	0.20	21
Oklahoma	0.46	2.44	2.25	3.47	37	0.02	0.16	0.08	0.04	43
Oregon	0.53	1.40	1.27	2.68	43	0.01	0.07	0.04	0.04	44
Pennsylvania	1.26	11.04	6.67	3.52	36	0.02	0.65	0.73	0.37	9
Rhode Island	1.81	24.90	18.17	6.79	17	0.02	0.80	1.34	0.87	1

Colored highlighting denotes the ten states with the highest number of average daily new cases or deaths per 100,000 population within each month.



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

Daily averages for June are through June 17th.

State	Average Daily New Cases per 100,000 Population					Average Daily New Deaths per 100,000 Population				
	March	April	May	June	State Rank, June 1 - 17	March	April	May	June	State Rank, June 1 - 17
South Carolina	0.68	3.11	3.51	9.61	8	0.01	0.14	0.15	0.13	28
South Dakota	0.39	8.75	9.00	6.76	19	0.00	0.06	0.15	0.11	36
Tennessee	0.90	3.82	5.22	7.64	13	0.01	0.08	0.07	0.11	34
Texas	0.40	2.84	3.85	6.77	18	0.01	0.09	0.09	0.08	38
Utah	0.89	3.82	5.03	9.98	5	0.01	0.04	0.07	0.05	42
Vermont	1.58	2.86	0.53	1.39	48	0.07	0.17	0.03	-	50
Virginia	0.47	5.61	10.47	7.15	14	0.00	0.21	0.30	0.13	29
Washington	2.14	4.04	3.25	3.86	35	0.09	0.25	0.13	0.07	39
West Virginia	0.29	1.74	1.54	1.14	49	0.00	0.08	0.05	0.04	45
Wisconsin	0.75	3.04	6.15	5.13	26	0.01	0.16	0.15	0.12	33
Wyoming	0.67	2.42	1.88	2.07	47	-	0.04	0.05	0.01	49
50 States + DC	1.83	8.64	6.75	6.29		0.04	0.58	0.40	0.23	
Territories										
American Samoa	-	-	-	-		-	-	-	-	
Guam	2.66	19.16	0.56	0.45		0.04	0.06	-	-	
Northern Mariana Islands	0.11	0.46	0.45	0.82		-	0.06	-	-	
Puerto Rico	0.25	1.38	2.34	4.13		0.01	0.09	0.04	0.02	
Virgin Islands	0.93	1.15	0.09	0.17		-	0.13	0.06	-	
Territories Subtotal	0.39	2.21	2.12	3.71		0.01	0.09	0.04	0.02	
United States and Territories	1.81	8.57	6.70	6.26		0.04	0.58	0.40	0.23	

Colored highlighting denotes the ten states with the highest number of average daily new cases or deaths per 100,000 population within each month.



State Level Findings

- Nationwide, we experienced the highest average number of daily new cases per 100,000 population during April, (8.57 per 100,000). This rate decreased in May (6.70 per 100,000) and again in June (6.26 per 100,000) but remains concerningly high.
- The state “hot spots” have shifted. Of the 10 states with the highest rate of new cases per capita during June thus far, nine (all but Louisiana) were not among the top 10 during March or April.
- Arizona, Arkansas, and South Carolina have had the most rapid **increase** in average daily new cases since the beginning of June. During May, these three states were ranked 28th, 34th, and 38th in average daily new cases per 100,000 population. Thus far into June, these states rank 1st, 2nd, and 8th. (A ranking of 1st denotes the worst state in terms of the level of growth in new cases.)
 - Massachusetts, Connecticut, and New Jersey reported the most improvement in ranking, moving from 6th, 9th, and 8th during May to 29th, 31st, and 30th during the first 17 days of June, respectively.
- Arkansas, Tennessee, North Carolina, and Arizona reported the most rapid **increase** in the average number of daily new deaths reported per 100,000 persons during the first seventeen days of June versus all of May.

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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