

# County-Level COVID-19 Cases and Deaths, April 1-15

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**The Menges Group**

Strategic Health Policy & Care Coordination Consulting

# Introduction

- This edition presents the distribution of US counties by new confirmed cases of COVID-19 and COVID-attributed deaths from April 1-15.
- We show trends in confirmed cases and deaths from April 1-15 for the top 25 counties with the highest number of confirmed cases per 100,000 population on April 15, and for the 25 counties with the largest overall population.
- One key finding is that across the 25 counties with the largest per capita rates of confirmed cases, the number of new cases this week collectively decreased relative to the prior week. However, this decrease was only 9 percentage points -- a very high volume of new cases was still occurring in these “hot spot” counties.
- Another key finding is that the volume of new cases grew less sharply from April 8-15 than during the prior week in 39% of the counties comprising 55% of the US population.

# Distribution of US Counties by New Confirmed Cases April 1-8 and April 8-15

- While 604 counties still had no confirmed cases as of April 15, these counties collectively hold just 1.5% of the US population.
- The volume of new cases grew more sharply from April 8-15 than during the prior week in 36% of the counties comprising 40% of the US population.
- New cases decreased this past week (relative to the prior week) in 39% of counties comprising 55% of the US population.

	Counties with No Confirmed Cases Through April 15	Counties with More New Cases April 1-8 than April 8-15	Counties with More New Cases April 8-15 than April 1-8	Counties with the Same Number of New Cases April 1-8 as April 8-15
<b>Number of Counties</b>	604	1,238	1,148	210
<b>% of All Counties</b>	18.9%	38.7%	35.9%	6.6%
<b>% Total US Population</b>	1.5%	54.6%	40.4%	3.5%
<b>% Cumulative Cases as of April 15</b>	0.0%	59.8%	39.5%	0.6%
<b>% Cumulative Deaths as of April 15</b>	0.0%	57.2%	41.8%	0.5%

# Distribution of US Counties by Deaths April 1-8 and April 8-15

- 620 counties experienced an increase in COVID-attributed deaths from April 8-15 relative to the prior week. These counties hold 53% of the US population.
- 360 counties experienced a *decrease* in COVID-attributed deaths from April 8-15 relative to the prior week. These counties hold 22% of the US population.
- Most US counties (66%) had yet to register a COVID death as of April 15. These counties collectively hold a relatively modest share of the overall US population (20.5%).

	Counties With No Deaths Through April 15	Counties With More New Deaths April 1-8 than April 8-15	Counties with More New Deaths April 8-15 than April 1-8	Counties with the Same Number of New Deaths April 1-8 as April 8-15
<b>Number of Counties</b>	2,111	360	620	109
<b>% of All Counties</b>	66.0%	11.3%	19.4%	3.4%
<b>% Total US Population</b>	20.5%	22.2%	52.7%	4.6%
<b>% Cumulative Cases as of April 15</b>	3.6%	18.2%	76.4%	1.9%
<b>% Cumulative Deaths as of April 15</b>	0.3%	16.3%	81.8%	1.5%

# Top 25 Counties in Terms of Confirmed Cases per 100,000 Population as of April 15

- 10 of these 25 “hot spot” counties are in New York, including all 5 boroughs of New York City.
- These 25 counties represent 5% of the US population but held 41% of confirmed cases as of April 15.
- Most of these counties (20 of 25) had fewer new cases from April 8-15 than occurred during the prior week.
  - Five counties had more new cases this past week than the week before.
  - Collectively across these 25 counties, new cases decreased by 9%.
- Across these 25 counties, there were 58% more new deaths this past week than the prior week.

Ranking	State	County	Population	Confirmed Cases per 100,000 Population, April 15	Confirmed Cases as of April 15	New Confirmed Cases from April 1-8	New Confirmed Cases from April 8-15	Total Deaths as of April 15	New Deaths from April 1-8	New Deaths from April 8-15
1	New York	Rockland	325,789	2,601	8,474	3,092	2,061	212	69	114
2	New York	Westchester	967,506	2,165	20,947	5,204	5,060	708	318	365
3	Idaho	Blaine	23,021	2,011	463	163	35	5	3	-
4	New York	Nassau	1,356,924	1,969	26,715	8,993	8,167	1,286	625	585
5	Georgia	Randolph	6,778	1,933	131	82	44	7	3	4
6	New York	Richmond	476,143	1,853	8,822	2,550	3,720	429	156	200
7	New York	Bronx	1,418,207	1,808	25,638	7,812	9,219	2,131	641	1,130
8	New York	Queens	2,253,858	1,607	36,220	10,987	10,016	2,928	897	1,584
9	Georgia	Terrell	8,531	1,606	137	49	42	11	7	2
10	New York	Suffolk	1,476,601	1,576	23,278	8,239	7,434	663	259	335
11	Iowa	Louisa	11,035	1,504	166	30	136	-	-	-
12	Georgia	Dougherty	87,956	1,501	1,320	511	319	84	33	22
13	New York	Orange	384,940	1,485	5,716	2,109	1,851	135	43	67
14	Louisiana	Orleans	390,144	1,479	5,769	2,800	699	287	93	79
15	Georgia	Early	10,190	1,423	145	63	48	6	4	1
16	New Jersey	Passaic	501,826	1,345	6,750	2,878	2,378	182	56	111
17	New Jersey	Union	556,341	1,337	7,438	3,170	2,607	269	96	144
18	Louisiana	St. John the Bapt	42,837	1,328	569	314	137	47	22	12
19	New Jersey	Hudson	672,391	1,266	8,511	3,527	3,074	312	93	190
20	New York	Kings	2,559,903	1,222	31,279	9,306	9,699	2,854	857	1,669
21	Louisiana	Jefferson	432,493	1,217	5,265	2,659	1,173	247	85	98
22	New Jersey	Bergen	932,202	1,164	10,848	4,380	2,974	608	239	294
23	New Jersey	Essex	798,975	1,074	8,579	3,336	2,981	590	207	314
24	Louisiana	St. James	21,096	995	210	95	29	13	3	6
25	New York	New York	1,628,706	954	15,539	3,840	4,677	1,277	335	777

# Top 25 Counties in Terms of Total Population, April 15

- These 25 largest counties collectively represent 21% of the entire US population and hold a still larger share of COVID-19 cases (28%) and of COVID-attributed deaths (33%) as of April 15.
- These large counties collectively experienced a slight decrease (2%) in new cases during the week of April 8-15 relative to the prior week. However, new deaths during the week of April 8-15 were 26% above those during the April 1-8 timeframe.

Ranking	State	County	Population	Confirmed Cases per 100,000 Population, April 15	Confirmed Cases as of April 15	New Confirmed Cases from April 1-8	New Confirmed Cases from April 8-15	Total Deaths as of April 15	New Deaths from April 1-8	New Deaths from April 8-15
1	California	Los Angeles	10,039,107	105	10,496	4,012	2,966	402	133	204
2	Illinois	Cook	5,150,233	336	17,306	5,368	6,786	630	217	318
3	Texas	Harris	4,713,325	87	4,097	1,494	1,756	58	25	27
4	Arizona	Maricopa	4,485,414	48	2,146	688	587	60	29	23
5	California	San Diego	3,338,330	60	2,012	681	482	60	21	24
6	California	Orange	3,175,692	43	1,376	410	360	22	7	5
7	Florida	Miami-Dade	2,716,940	297	8,066	3,045	2,606	155	39	105
8	Texas	Dallas	2,635,516	75	1,986	593	662	43	5	23
9	New York	Kings	2,559,903	1,222	31,279	9,306	9,699	2,189	857	1,004
10	California	Riverside	2,470,546	85	2,105	808	926	54	19	22
11	Nevada	Clark	2,266,715	113	2,559	917	681	115	37	50
12	New York	Queens	2,253,858	1,607	36,220	10,987	10,016	2,324	897	980
13	Washington	King	2,252,782	209	4,699	1,192	1,009	314	80	68
14	California	San Bernardino	2,180,085	46	996	387	355	39	14	19
15	Texas	Tarrant	2,102,515	47	990	300	402	30	16	11
16	Texas	Bexar	2,003,554	45	901	285	387	37	9	19
17	Florida	Broward	1,952,778	172	3,363	1,017	998	94	47	34
18	California	Santa Clara	1,927,852	93	1,793	424	413	66	14	19
19	Michigan	Wayne	1,749,343	717	12,544	5,156	2,918	884	300	438
20	California	Alameda	1,671,329	59	983	315	288	36	8	20
21	New York	New York	1,628,706	954	15,539	3,840	4,677	927	335	427
22	Massachusetts	Middlesex	1,611,699	415	6,681	1,963	3,136	221	59	141
23	Pennsylvania	Philadelphia	1,584,064	470	7,441	2,978	2,985	222	72	136
24	California	Sacramento	1,552,058	55	853	265	274	32	13	10
25	Florida	Palm Beach	1,496,770	121	1,816	606	594	107	47	38

# 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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