

Monthly Change in New COVID Cases and Deaths, March 1-11 versus April 1-11; Updated Vaccine Counts

5 Slide Series, Volume 95-a
April 14, 2021

The Menges Group

Strategic Health Policy & Care Coordination Consulting

Introduction and Overview

- The first several slides in this edition tabulate new state-level COVID cases and deaths from April 1-11 and compare these figures to the first eleven days of March.
 - At the national level, there was a **16.3% increase in new COVID cases** and a **53.7% decrease in new COVID deaths** across the first 11 days of April, compared to the first 11 days of March.
- The remaining slides present current vaccination tabulations. As of April 12, **over one-third (36.4%)** of the U.S. population has now been at least partially vaccinated, and **over one-fifth (22.3%)** has been fully vaccinated.
 - This includes over 189 million administered doses, at a 7-day rolling average rate of 3.4 million administrations per day.

State-Level COVID Cases and Deaths, March 1-11 versus April 1-11, Alabama through Kansas

State	New COVID-19 Cases			New COVID-19 Deaths		
	March 1 - March 11	April 1 - April 11	% Change from March 1-11 to April 1-11	March 1 - March 11	April 1 - April 11	% Change from March 1-11 to April 1-11
Alabama	6,897	3,511	-49.1%	345	158	-54.2%
Alaska	1,688	1,828	8.3%	14	-	-100.0%
Arizona	13,683	7,125	-47.9%	484	119	-75.4%
Arkansas	3,625	1,655	-54.3%	167	35	-79.0%
California	37,622	31,752	-15.6%	2,912	1,282	-56.0%
Colorado	11,917	16,597	39.3%	70	50	-28.6%
Connecticut	9,446	10,698	13.3%	139	58	-58.3%
Delaware	2,881	3,768	30.8%	72	19	-73.6%
District of Columbia	1,530	1,317	-13.9%	21	17	-19.0%
Florida	52,340	64,673	23.6%	1,188	596	-49.8%
Georgia	23,625	14,244	-39.7%	822	433	-47.3%
Hawaii	487	1,053	116.2%	9	8	-11.1%
Idaho	3,470	2,838	-18.2%	46	31	-32.6%
Illinois	17,713	35,187	98.7%	387	214	-44.7%
Indiana	8,401	12,195	45.2%	229	109	-52.4%
Iowa	5,246	5,947	13.4%	150	114	-24.0%
Kansas	3,566	1,864	-47.7%	116	25	-78.4%

Yellow shaded cells represent states that experienced an increase in new COVID cases or deaths from the prior month.

The Menges Group

Data set used to perform our tabulations is published by the Centers for Disease Control and Prevention

State-Level COVID Cases and Deaths, March 1-11 versus April 1-11, Kentucky through North Carolina

State	New COVID-19 Cases			New COVID-19 Deaths		
	March 1 - March 11	April 1 - April 11	% Change from March 1-11 to April 1-11	March 1 - March 11	April 1 - April 11	% Change from March 1-11 to April 1-11
Kentucky	9,509	6,209	-34.7%	284	97	-65.8%
Louisiana	5,835	3,905	-33.1%	220	75	-65.9%
Maine	1,887	3,470	83.9%	20	8	-60.0%
Maryland	8,778	14,787	68.5%	151	167	10.6%
Massachusetts	13,681	21,708	58.7%	422	198	-53.1%
Michigan	19,591	74,053	278.0%	214	244	14.0%
Minnesota	8,621	22,524	161.3%	103	109	5.8%
Mississippi	4,893	2,102	-57.0%	202	41	-79.7%
Missouri	7,284	6,522	-10.5%	388	16	-95.9%
Montana	1,470	1,559	6.1%	34	60	76.5%
Nebraska	3,280	4,861	48.2%	42	40	-4.8%
Nevada	4,011	4,262	6.3%	123	83	-32.5%
New Hampshire	2,340	4,678	99.9%	21	19	-9.5%
New Jersey	37,276	44,674	19.8%	562	309	-45.0%
New Mexico	2,588	1,716	-33.7%	129	39	-69.8%
New York	76,672	80,352	4.8%	1,042	838	-19.6%
North Carolina	21,277	15,274	-28.2%	410	136	-66.8%

Yellow shaded cells represent states that experienced an increase in new COVID cases or deaths from the prior month.

The Menges Group

Data set used to perform our tabulations is published by the Centers for Disease Control and Prevention

State-Level COVID Cases and Deaths, March 1-11 versus April 1-11, North Dakota through Wyoming & National Total

State	New COVID-19 Cases			New COVID-19 Deaths		
	March 1 - March 11	April 1 - April 11	% Change from March 1-11 to April 1-11	March 1 - March 11	April 1 - April 11	% Change from March 1-11 to April 1-11
North Dakota	995	1,509	51.7%	10	5	-50.0%
Ohio	17,512	21,889	25.0%	528	208	-60.6%
Oklahoma	4,118	2,372	-42.4%	80	25	-68.8%
Oregon	3,047	5,556	82.3%	108	57	-47.2%
Pennsylvania	26,740	47,479	77.6%	469	312	-33.5%
Rhode Island	3,849	3,119	-19.0%	32	13	-59.4%
South Carolina	11,452	8,737	-23.7%	208	82	-60.6%
South Dakota	1,736	1,946	12.1%	17	11	-35.3%
Tennessee	13,105	12,432	-5.1%	212	108	-49.1%
Texas	60,320	32,458	-46.2%	1,022	306	-70.1%
Utah	5,738	4,463	-22.2%	80	37	-53.8%
Vermont	1,302	1,679	29.0%	7	4	-42.9%
Virginia	15,041	16,060	6.8%	1,179	217	-81.6%
Washington	7,628	12,978	70.1%	151	75	-50.3%
West Virginia	2,641	4,431	67.8%	38	69	81.6%
Wisconsin	6,434	9,473	47.2%	146	65	-55.5%
Wyoming	718	563	-21.6%	20	1	-95.0%
National	615,506	716,052	16.3%	15,845	7,342	-53.7%

Yellow shaded cells represent states that experienced an increase in new COVID cases or deaths from the prior month.

- At the national level, new cases across the first 11 days of April were **16.3% above** cases during the first 11 days of March.
 - 30 states experienced an increase in new COVID cases in the April 1-11 period, relative to March 1-11. New case volume nearly quadrupled in Michigan and more than doubled in Minnesota and Hawaii.
- New national deaths across the first 11 days of April were **53.7% below** the first 11 days of March.
 - Only 5 states (Maryland, Michigan, Minnesota, Montana, and West Virginia) experienced an increase in new COVID deaths from April 1-11, compared to March 1-11.

Vaccination Overview

- As of April 12, over 189 million doses of the COVID vaccine have been administered, at a 7-day rolling average rate of 3.4 million per day. This includes the 9.6 million vaccines administered through the Department of Defense, Bureau of Prisons, Indian Health Services, Veterans Health and on U.S. territories.
- **Over one-third (36.4%)** of the U.S. population has been at least partially vaccinated, with **over one-fifth (22.3%)** has been fully vaccinated.
- New Hampshire (52.3%), New Mexico (45.0%), Connecticut (44.4%), Massachusetts (43.8%) and Maine (42.9%) lead all states in terms of population share that has been at least partially vaccinated. Seven out of the top 10 top states are in the Northeast.
- At least **one-third** of the population has been partially or fully vaccinated in 37 states. In 43 states at least **one-fifth** of their population is now fully vaccinated.

Vaccinations by State/Jurisdiction/Federal Entity as of April 12, 2021: Alabama-Kansas

State/Jurisdiction	Total Doses Administered by State where Administered	Doses Administered per 100k by State where Administered	Percent of Population at Least Partially Vaccinated	Percent of Population Fully Vaccinated	Rank, Percent of Population at Least Partially Vaccinated	Rank, Percent of Population Fully Vaccinated
Alabama	2,092,489	42,676	28.3%	16.8%	50	49
Alaska	465,250	63,598	37.2%	27.6%	22	6
Arizona	4,168,939	57,276	35.2%	22.0%	34	33
Arkansas	1,478,774	49,002	31.5%	19.0%	42	47
California	23,031,055	58,288	38.8%	21.4%	15	37
Colorado	3,407,618	59,173	38.1%	22.8%	19	28
Connecticut	2,498,626	70,082	44.4%	28.1%	3	4
Delaware	582,422	59,811	38.3%	21.8%	18	34
District of Columbia	462,553	65,541	36.3%	19.8%	28	45
Florida	12,083,514	56,261	34.8%	21.4%	35	37
Georgia	4,668,187	43,967	28.8%	15.0%	49	51
Hawaii	853,628	60,290	36.7%	25.2%	26	15
Idaho	920,374	51,502	31.0%	21.3%	46	39
Illinois	7,495,849	59,154	38.8%	22.3%	15	31
Indiana	3,412,179	50,684	31.1%	20.9%	44	41
Iowa	1,927,000	61,076	38.1%	25.3%	19	13

Note: Yellow shaded cells represent the top 10 performing states in their respective columns. Red shaded cells represent the bottom 10 performing states/jurisdictions in their respective columns.

Data Source: Bloomberg, CDC

The Menges Group

Vaccinations by State as of April 12, 2021: Kentucky-North Dakota

State/Jurisdiction	Total Doses Administered by State where Administered	Doses Administered per 100k by State where Administered	Percent of Population at Least Partially Vaccinated	Percent of Population Fully Vaccinated	Rank, Percent of Population at Least Partially Vaccinated	Rank, Percent of Population Fully Vaccinated
Kentucky	2,587,355	57,913	36.3%	24.0%	28	19
Louisiana	2,334,618	50,220	29.9%	21.1%	48	40
Maine	886,525	65,951	42.9%	27.7%	5	5
Maryland	3,582,804	59,262	38.5%	23.8%	17	22
Massachusetts	4,651,716	67,490	43.8%	25.8%	4	11
Michigan	5,585,259	55,926	35.5%	23.1%	32	24
Minnesota	3,496,194	61,993	39.3%	26.0%	12	10
Mississippi	1,363,558	45,816	27.9%	19.2%	51	46
Missouri	3,196,092	52,075	31.5%	20.6%	42	42
Montana	639,104	59,798	36.5%	24.9%	27	17
Nebraska	1,145,421	59,213	37.2%	23.9%	22	21
Nevada	1,684,035	54,674	34.0%	21.5%	36	36
New Hampshire	978,713	71,979	52.3%	25.0%	1	16
New Jersey	5,673,369	63,874	42.1%	26.3%	7	9
New Mexico	1,514,221	72,215	45.0%	29.6%	2	1
New York	12,242,726	62,933	39.2%	25.3%	13	13
North Carolina	5,714,763	54,488	34.0%	21.7%	36	35
North Dakota	496,230	65,117	36.8%	27.1%	25	8

Note: Yellow shaded cells represent the top 10 performing states in their respective columns. Red shaded cells represent the bottom 10 performing states/ jurisdictions in their respective columns.

Data Source: Bloomberg, CDC

The Menges Group

Vaccinations by State/Jurisdiction/Federal Entity as of April 12, 2021: Ohio-Wyoming, U.S. Totals

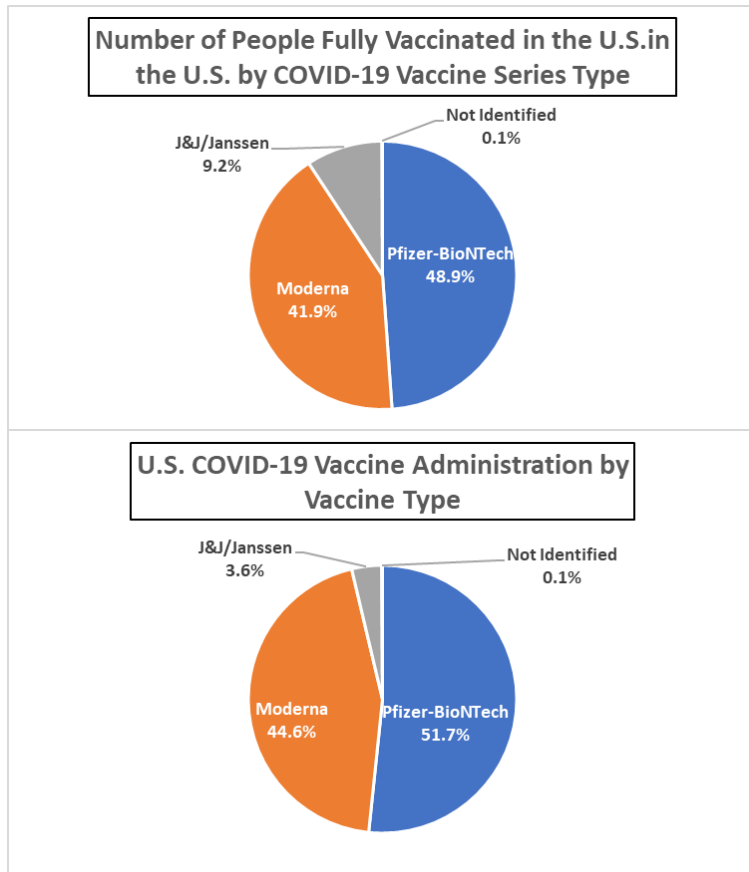
State/Jurisdiction	Total Doses Administered by State where Administered	Doses Administered per 100k by State where Administered	Percent of Population at Least Partially Vaccinated	Percent of Population Fully Vaccinated	Rank, Percent of Population at Least Partially Vaccinated	Rank, Percent of Population Fully Vaccinated
Ohio	6,713,753	57,436	35.6%	22.9%	30	26
Oklahoma	2,330,078	58,885	35.6%	23.7%	30	23
Oregon	2,356,196	55,864	35.5%	22.3%	32	31
Pennsylvania	7,687,290	60,048	39.5%	22.7%	11	30
Rhode Island	709,383	66,963	40.5%	28.7%	9	2
South Carolina	2,694,436	52,332	32.7%	20.6%	39	42
South Dakota	597,911	67,587	41.2%	28.5%	8	3
Tennessee	3,286,379	48,123	30.3%	18.2%	47	48
Texas	15,151,731	52,255	32.4%	19.9%	40	44
Utah	1,663,511	51,888	31.8%	16.1%	41	50
Vermont	427,958	68,584	42.5%	27.2%	6	7
Virginia	5,124,981	60,043	39.0%	23.0%	14	25
Washington	4,526,964	59,449	37.2%	24.0%	22	19
West Virginia	1,025,629	57,229	33.6%	24.2%	38	18
Wisconsin	3,710,175	63,722	39.7%	25.8%	10	11
Wyoming	310,765	53,695	31.1%	22.8%	44	28
U.S. Totals	189,692,045	57,309	36.4%	22.3%		

Note: Yellow shaded cells represent the top 10 performing states in their respective columns. Red shaded cells represent the bottom 10 performing states/ jurisdictions in their respective columns.

Data Source: Bloomberg, CDC



Vaccinations by Vaccine Producer



- The overwhelming majority of vaccinations administered thus far have been produced by Moderna or Pfizer-BioNTech.
 - This includes 84 million Moderna doses and 98 million Pfizer doses.
- The FDA halted use of the Johnson and Johnson (J&J) vaccine on April 13 due to caution about its link with rare blood clotting disorders.
 - 6.8 million people have received the J&J vaccine, which represents 9% of fully vaccinated persons.

Data Source: CDC

The Menges Group

5 Slide Series Overview

Our 5 Slide Series is typically a monthly publication whereby we briefly discuss/address a selected topic outside the confines of our client engagements. Since March 2020, we have produced dozens of editions tracking the COVID pandemic. The Menges Group has developed a variety of datasets that we use to support our 5 Slide Series and client projects.

To be added to our list to receive these as they are published (or to be removed), please email us at pcall@themengesgroup.com. If you have questions about the content or data sources we have available, please email us at jmenges@themengesgroup.com or call 571-312-2360.

Address: 4001 9th Street N., Suite 227, Arlington, VA 22203

Website: www.themengesgroup.com

The Menges Group