

The Deceleration of New COVID-19 Cases, Hospitalizations, and Deaths in the United States; Updated Vaccine Counts

5 Slide Series, Volume 93-d
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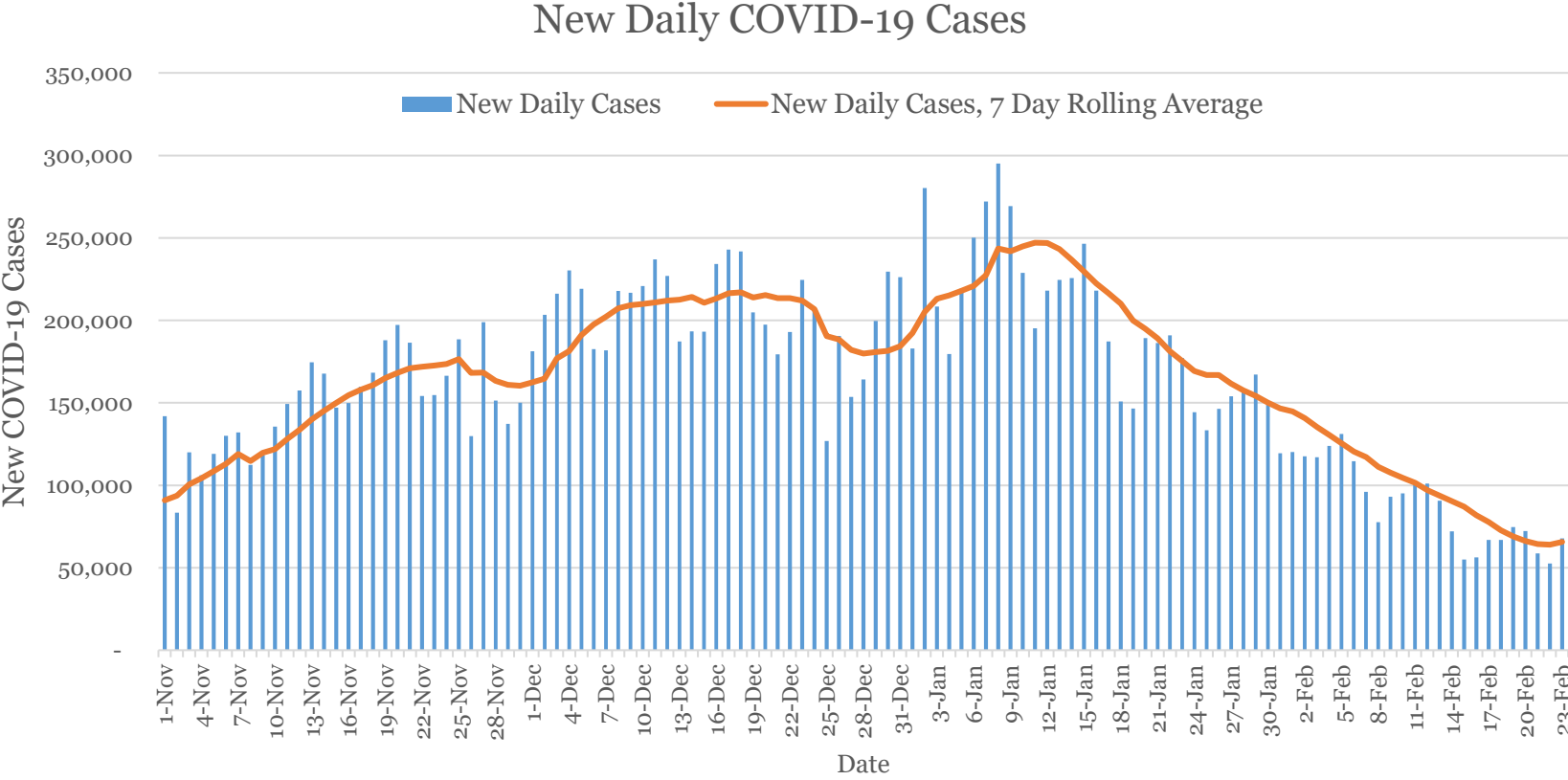
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Strategic Health Policy & Care Coordination Consulting

Introduction and Overview

- The US continues to achieve a decrease in new COVID-19 cases.
 - The seven-day rolling average for new daily cases **fell for 42 straight days** from January 12 through February 22. On February 23, a sizable case increase occurred which pushed the 7-day average up.
- The U.S. surpassed 500,000 total COVID-19 deaths this past week, reaching **500,310 total deaths on February 22**. The change in new COVID deaths was **down 6.7%** this week (February 17-23) from the previous week (February 10-16).
- New weekly COVID-19 cases in nursing homes have declined drastically since vaccines began being administered on December 14th – experiencing an **85% decline** in new weekly cases.
- 12.7 million vaccinations occurred this week—a 36.2% increase from last week’s total. 65.5 million vaccine doses have been administered nationally (cumulative through February 24), with **13.6% of the U.S. population receiving at least one dose and 6.2%** now fully vaccinated. These numbers exclude vaccinations through Veterans Health, the Department of Defense, Bureau of Prisons, and the Indian Health Service, as well as U.S. territories.

New Daily Cases Continue to Rapidly Decline



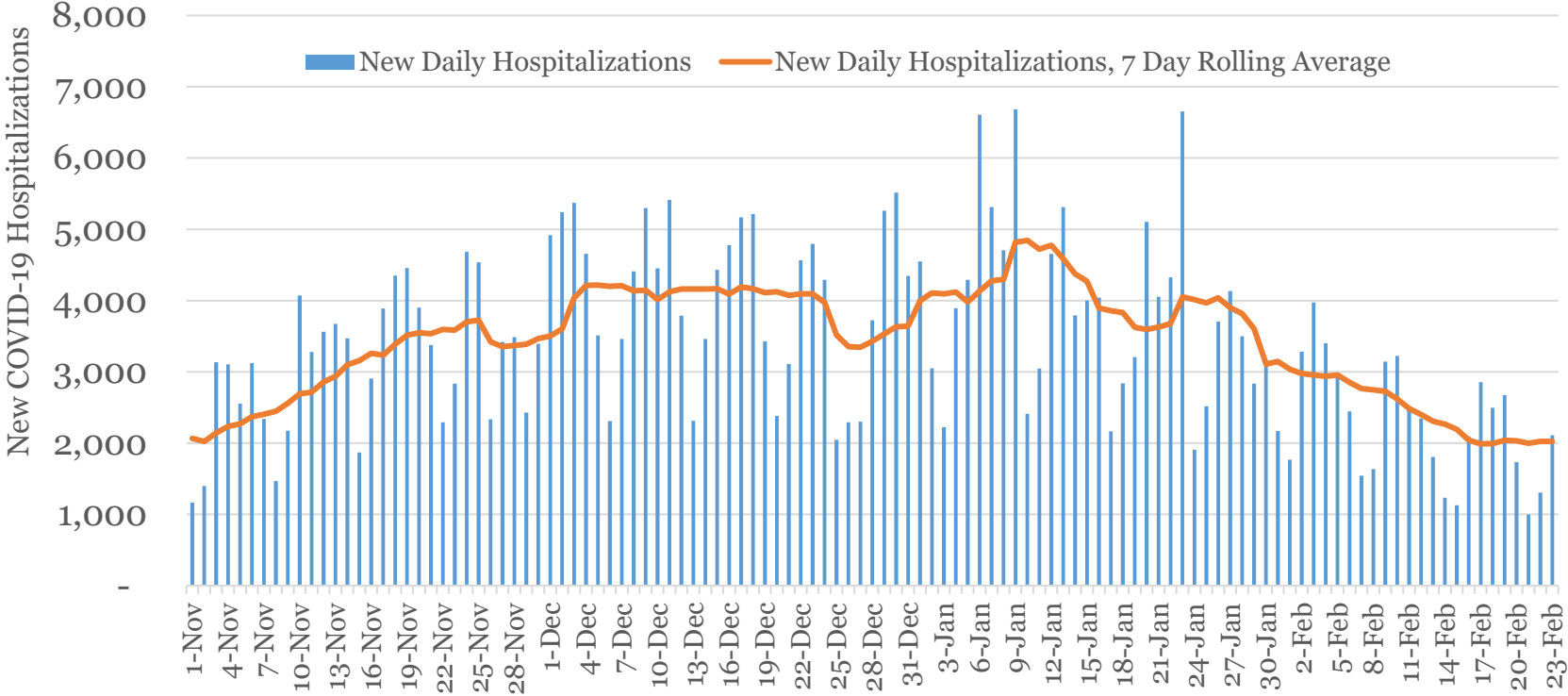
- Since January 12th, the seven-day rolling average for new daily COVID cases declined for **42 straight days until February 23**.
- In February through the 23rd, daily new cases averaged 88,000, **less than half** the December and January daily averages of 204,000 and 197,200, respectively.
- New cases this Monday-Wednesday (Feb 22-24) were similar to the prior week (Feb 15-17), which could suggest a meaningful pause in case declines has occurred.

Data Source Used to Perform Our Tabulations:
COVID Tracking Project



New Daily Hospitalizations are Experiencing a Similar Decline

New Daily US COVID-19 Hospitalizations

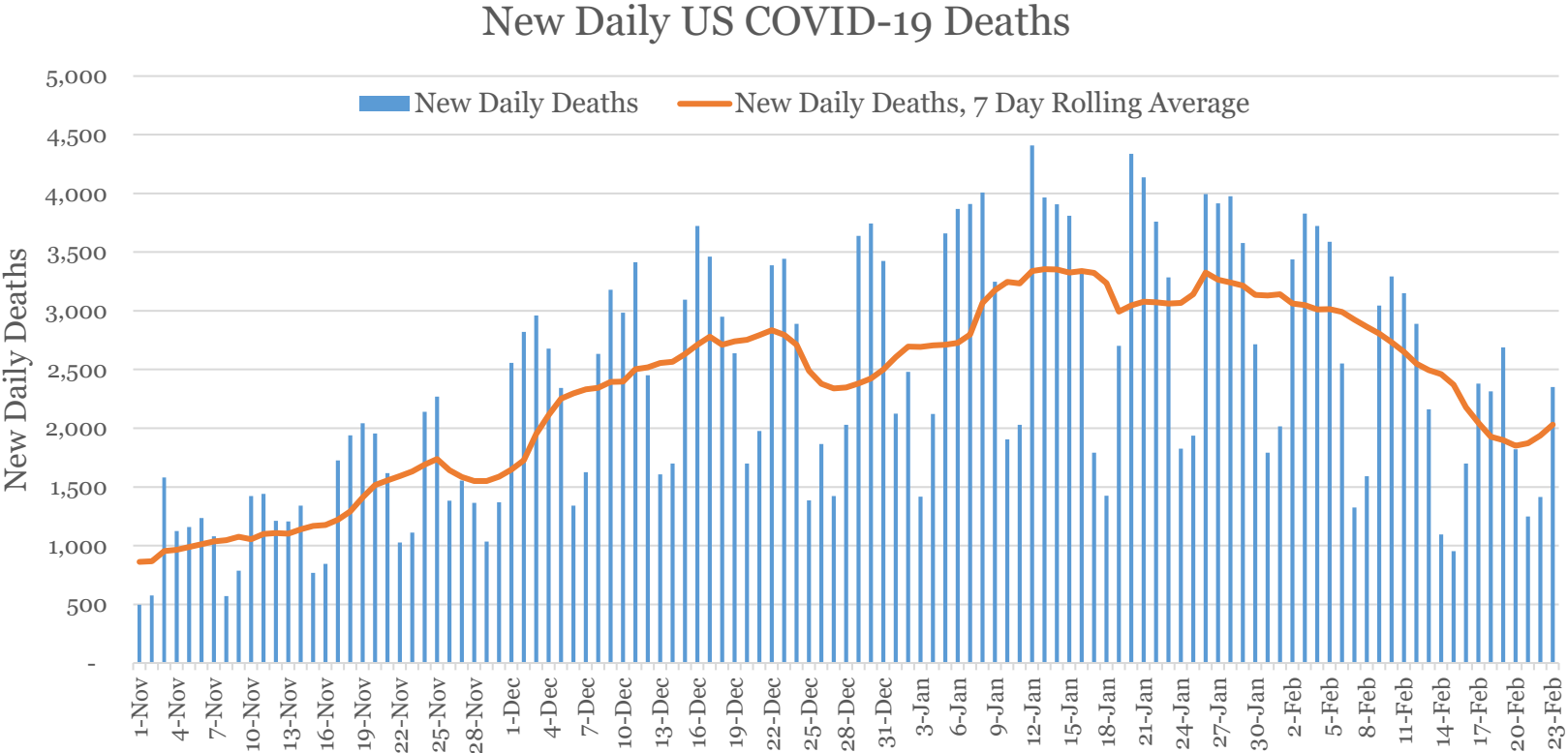


- The progression in new daily hospitalizations has experienced a similar decline to new daily cases in recent months.
- In February through the 23rd, daily new cases averaged approximately 2,300, a decline from the December and January daily averages of 3,900 and 4,000, respectively.

Data Source Used to Perform Our Tabulations:
COVID Tracking Project



The U.S. Surpassed 500,000 Total COVID Deaths this Week



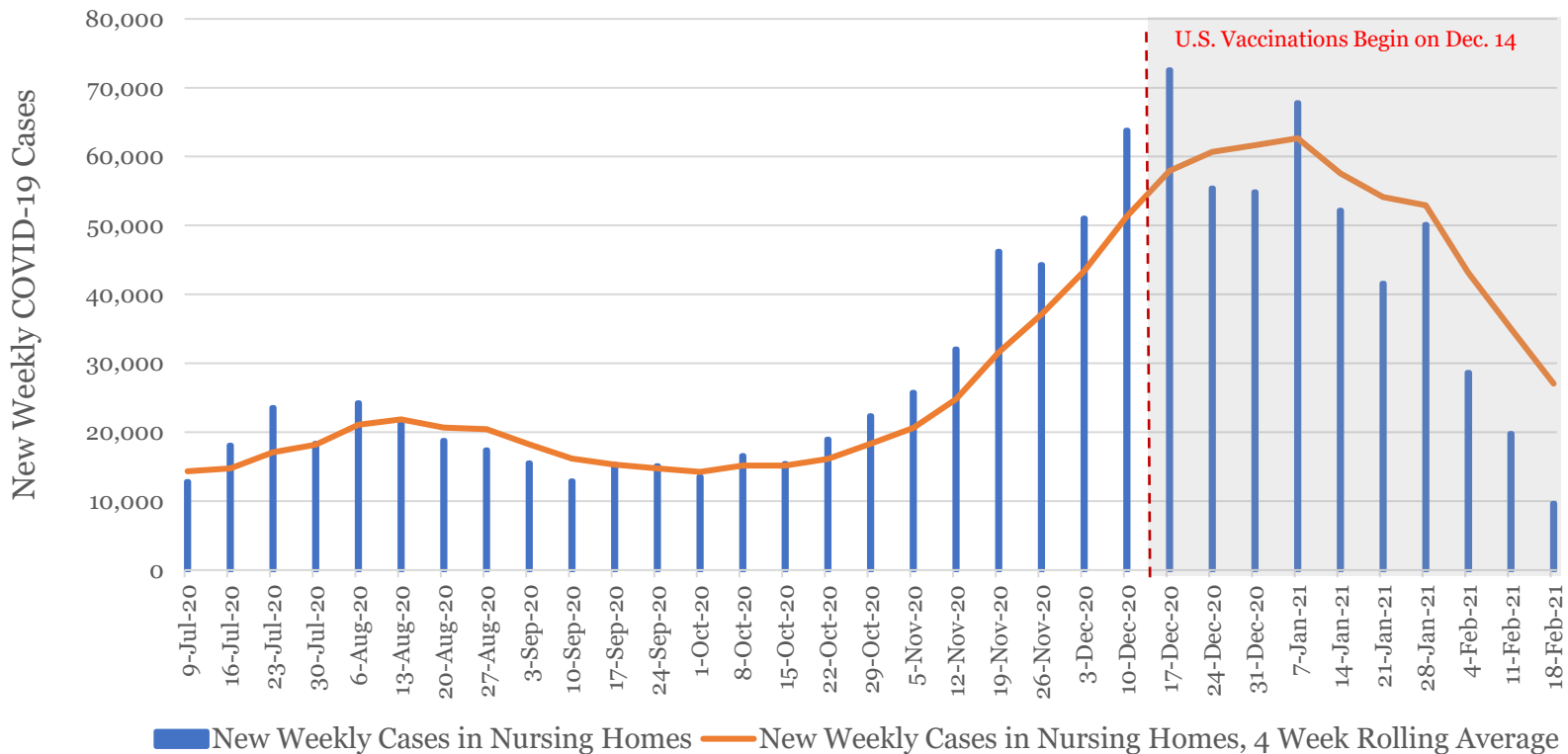
- The U.S. reached **500,310 total lives lost** to COVID-19 on February 22.
- Thankfully, the U.S. death rate appears to be slowing, tracking with the decline in new cases. The new daily deaths, seven-day rolling average on February 23 was **down 22%** compared to January 1, 2021.
- The change in new COVID deaths was **down 6.7%** this week (February 17-23) compared to last week (February 10-16).

Data Source Used to Perform Our Tabulations:
Our World in Data



Cases in Nursing Homes have Experienced a Steep Decline since the U.S. Vaccine Rollout

Weekly New COVID-19 Cases in US Nursing Homes



- New weekly COVID-19 cases in nursing homes have declined drastically since vaccines began being administered on December 14th – experiencing an **85% decline** in new weekly cases.
- The volume of new weekly nursing home cases has been **decreasing for nine straight weeks**, since mid-December.

Data Source Used to Perform Our Tabulations:
COVID Tracking Project

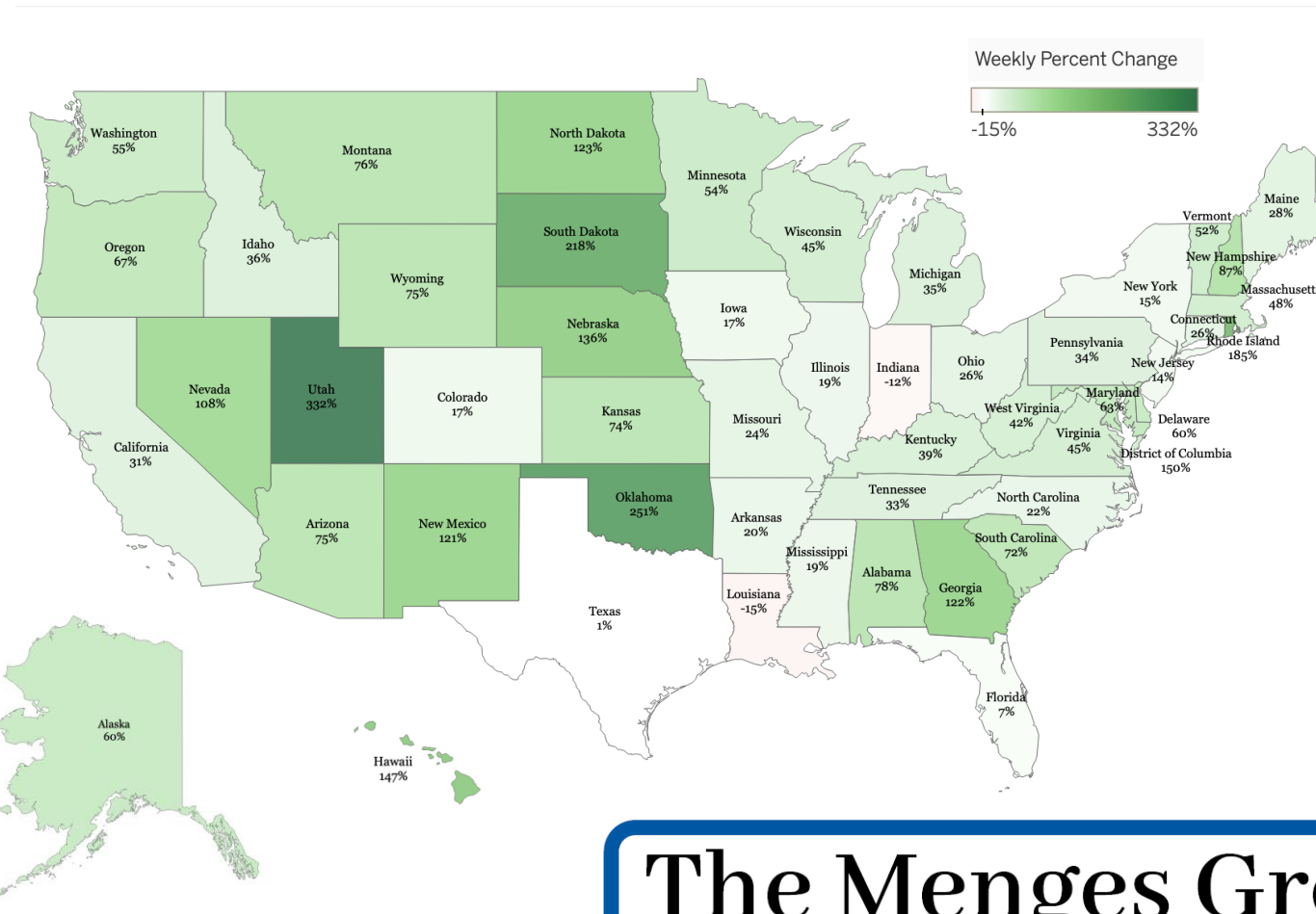
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Vaccine Overview for this Week

- Approximately **12.7 million** vaccine doses were administered in states between February 18 and February 24th. This represents a 36.2% increase over the 9.3 million doses that were administered in the US between February 11 and February 17.
 - All but 2 states (Indiana and Louisiana) increased their weekly rate of vaccinations this week (February 18– February 24).
- All 50 states have vaccinated at least 10% of their populations with one dose of the vaccine.

Weekly Percent Change in Vaccinations, February 18 - 24 vs. February 11 - 17

Weekly Percent Change in Vaccinations (February 18-24 vs. February 11-17)



- As of February 24, states have administered **65.5 million** doses.
- **13.6%** of the population has received one or more doses of the vaccine as of February 24, and **6.2%** have received both doses.
 - **Alaska** (21.3%), **New Mexico** (19.4%), **South Dakota** (18.4%), **Connecticut** (17.3%), and **North Dakota** (17.1%) are the top 5 states for percent of their populations given 1 or more doses. **Utah** (11.4%), **Tennessee** (11.5%), **Georgia** (11.5%), **Texas** (11.6%), and **Alabama** (12.1%) have vaccinated the smallest portion of their population as of February 24.

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Weekly Vaccine Tabulations, February 18-24; Alabama-Kansas

State	Total Doses Administered	Total Doses Administered Feb 11-Feb 17	Total Doses Administered Feb 18-Feb 24	Percent Change, Doses Administered Between Feb 4- Feb 10 and Feb 11- Feb 17	Percent of Population with 1+ Dose	Percent of Population with 2 Doses	Rank, Percent of Population with 1+ Dose	Rank, Percent of Population with 2 Doses
Alabama	839,703	106,783	189,683	77.6%	12.1%	5.0%	47	48
Alaska	243,650	31,344	50,033	59.6%	21.3%	11.9%	1	1
Arizona	1,555,942	223,325	391,042	75.1%	15.6%	5.7%	12	38
Arkansas	554,466	56,146	67,517	20.3%	12.5%	5.7%	44	38
California	7,876,011	1,188,147	1,553,000	30.7%	14.3%	5.5%	22	41
Colorado	1,268,302	209,059	244,135	16.8%	14.7%	7.2%	17	12
Connecticut	912,033	137,942	173,842	26.0%	17.3%	7.9%	4	7
Delaware	189,836	21,741	34,725	59.7%	14.0%	5.4%	26	43
District of Columbia	170,343	16,740	41,883	150.2%	16.0%	8.0%	8	6
Florida	4,502,702	744,839	800,133	7.4%	13.7%	7.2%	28	12
Georgia	1,919,262	200,425	445,822	122.4%	11.5%	6.2%	49	30
Hawaii	339,771	40,097	99,056	147.0%	16.0%	7.9%	8	7
Idaho	346,534	56,106	76,365	36.1%	13.0%	5.8%	39	37
Illinois	2,461,385	391,269	465,286	18.9%	14.3%	4.8%	22	50
Indiana	1,361,053	281,382	247,640	-12.0%	13.5%	6.6%	30	22
Iowa	621,717	108,117	126,230	16.8%	14.7%	4.9%	17	49
Kansas	530,904	72,243	125,738	74.0%	12.6%	5.5%	42	41

Green shaded cells indicate the top 5 states in each column

Red shaded cells indicate the bottom 5 states in each column

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Weekly Vaccine Tabulations, February 18-24; Kentucky-North Carolina

State	Total Doses Administered	Total Doses Administered Feb 11-Feb 17	Total Doses Administered Feb 18-Feb 24	Percent Change, Doses Administered Between Feb 4- Feb 10 and Feb 11- Feb 17	Percent of Population with 1+ Dose	Percent of Population with 2 Doses	Rank, Percent of Population with 1+ Dose	Rank, Percent of Population with 2 Doses
Kentucky	874,840	111,659	154,983	38.8%	13.3%	6.2%	35	30
Louisiana	920,794	152,555	129,220	-15.3%	12.9%	6.8%	40	19
Maine	305,362	49,199	62,917	27.9%	15.5%	7.0%	14	16
Maryland	1,159,983	157,694	256,811	62.9%	12.8%	6.3%	41	28
Massachusetts	1,533,534	245,786	363,136	47.7%	16.2%	6.0%	7	34
Michigan	2,044,496	268,854	363,595	35.2%	13.2%	7.1%	36	15
Minnesota	1,189,101	170,920	263,919	54.4%	14.4%	6.6%	19	22
Mississippi	525,462	72,964	87,098	19.4%	12.3%	5.3%	46	47
Missouri	1,137,233	197,014	245,227	24.5%	12.4%	6.0%	45	34
Montana	246,626	35,240	62,047	76.1%	16.0%	7.0%	8	16
Nebraska	405,896	47,025	110,992	136.0%	14.1%	6.8%	25	19
Nevada	606,821	73,935	153,809	108.0%	13.4%	6.1%	33	33
New Hampshire	282,235	34,213	63,919	86.8%	14.4%	6.4%	19	26
New Jersey	1,803,596	283,736	323,183	13.9%	13.8%	6.4%	27	26
New Mexico	618,666	77,515	171,287	121.0%	19.4%	9.7%	2	3
New York	3,821,059	557,518	642,807	15.3%	12.6%	6.6%	42	22
North Carolina	2,164,489	352,173	429,664	22.0%	13.4%	7.2%	33	12

Green shaded cells indicate the top 5 states in each column

Red shaded cells indicate the bottom 5 states in each column



Weekly Vaccine Tabulations, February 18-24; North Dakota-Wyoming, including US Totals

State	Total Doses Administered	Total Doses Administered Feb 11-Feb 17	Total Doses Administered Feb 18-Feb 24	Percent Change, Doses Administered Between Feb 4-Feb 10 and Feb 11- Feb 17	Percent of Population with 1+ Dose	Percent of Population with 2 Doses	Rank, Percent of Population with 1+ Dose	Rank, Percent of Population with 2 Doses
North Dakota	199,813	20,471	45,726	123.4%	17.1%	8.8%	5	5
Ohio	2,288,128	366,004	462,950	26.5%	13.2%	6.3%	36	28
Oklahoma	935,457	68,076	239,020	251.1%	15.6%	7.8%	12	9
Oregon	865,750	103,746	172,969	66.7%	13.5%	6.9%	30	18
Pennsylvania	2,425,429	355,711	475,244	33.6%	13.5%	5.4%	30	43
Rhode Island	218,499	23,505	67,063	185.3%	14.4%	6.2%	19	30
South Carolina	973,703	126,926	218,281	72.0%	13.1%	5.4%	38	43
South Dakota	242,710	24,132	76,845	218.4%	18.4%	9.0%	3	4
Tennessee	1,175,995	133,165	176,478	32.5%	11.5%	5.7%	49	38
Texas	4,923,960	603,841	611,659	1.3%	11.6%	5.4%	48	43
Utah	629,173	22,368	96,538	331.6%	11.4%	4.8%	51	50
Vermont	144,970	19,056	29,006	52.2%	15.5%	7.7%	14	10
Virginia	1,803,505	236,904	343,402	45.0%	14.2%	6.5%	24	25
Washington	1,514,416	185,876	288,496	55.2%	13.7%	6.0%	28	34
West Virginia	474,477	55,229	78,468	42.1%	16.5%	10.0%	6	2
Wisconsin	1,282,723	186,216	270,232	45.1%	15.1%	6.7%	16	21
Wyoming	136,366	20,671	36,180	75.0%	15.9%	7.6%	11	11
National	65,568,881	9,325,602	12,705,301	36.2%	13.6%	6.2%		

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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, 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

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