

Regional Comparisons of COVID Cases and Deaths; Updated Vaccine Counts

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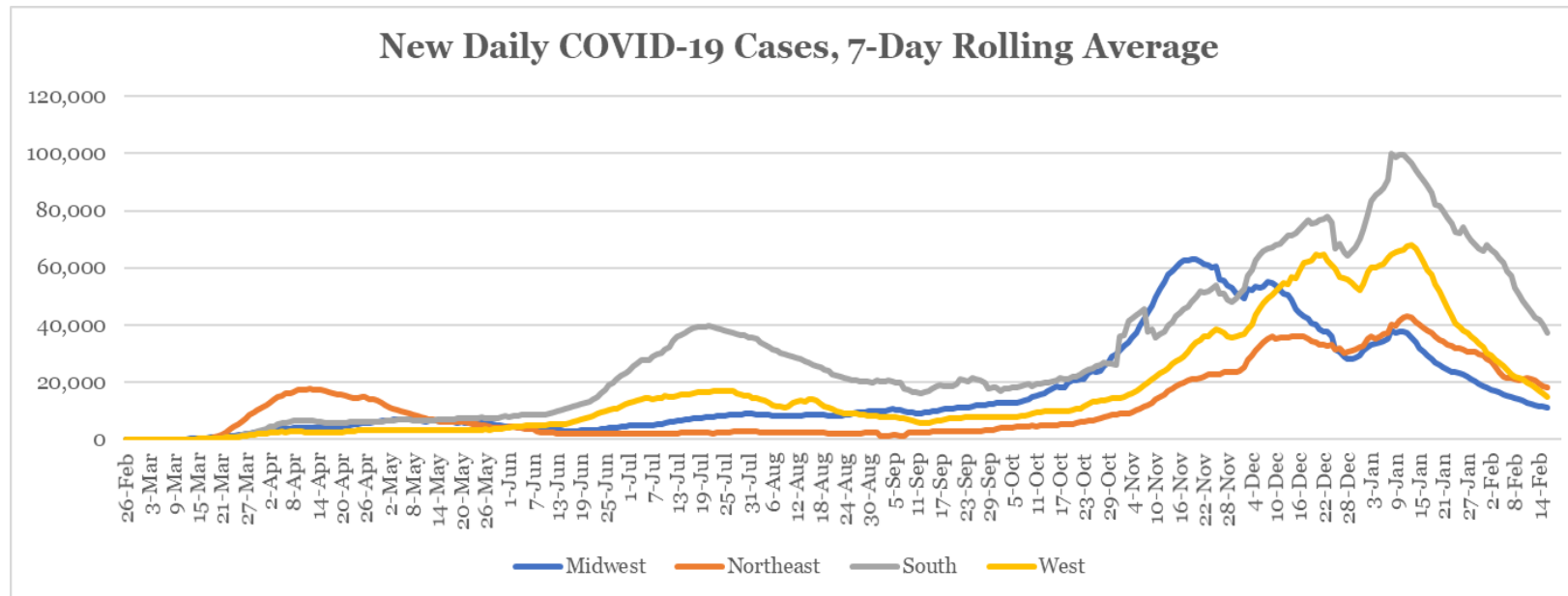
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Strategic Health Policy & Care Coordination Consulting

Introduction and Overview

- The U.S. is currently on a downward slope of new cases.
 - Daily cases are **down more than two-thirds (68%)** since January 12, and the 7-day rolling average for new daily cases has fallen for 36 straight days.
- This news is very welcome, considering the last few months have been the deadliest of the entire pandemic, with **58% of total deaths and 66% of total cases occurring since October 1.**
- This edition assesses case trends by grouping the US into four regions (Midwest, Northeast, South, and West). Both the Midwest and the South experienced at least two-thirds of their COVID deaths to date since October 1, while 41% of the Northeast's deaths occurred during this timeframe.
- **9.3 million vaccine doses were given out this week**—about 21% lower than last week's total. **52.8 million** vaccine doses have been received in total, and **4.4% of the U.S. population** is 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.

Comparison of New Case Trends by Region Across the Course of the Pandemic

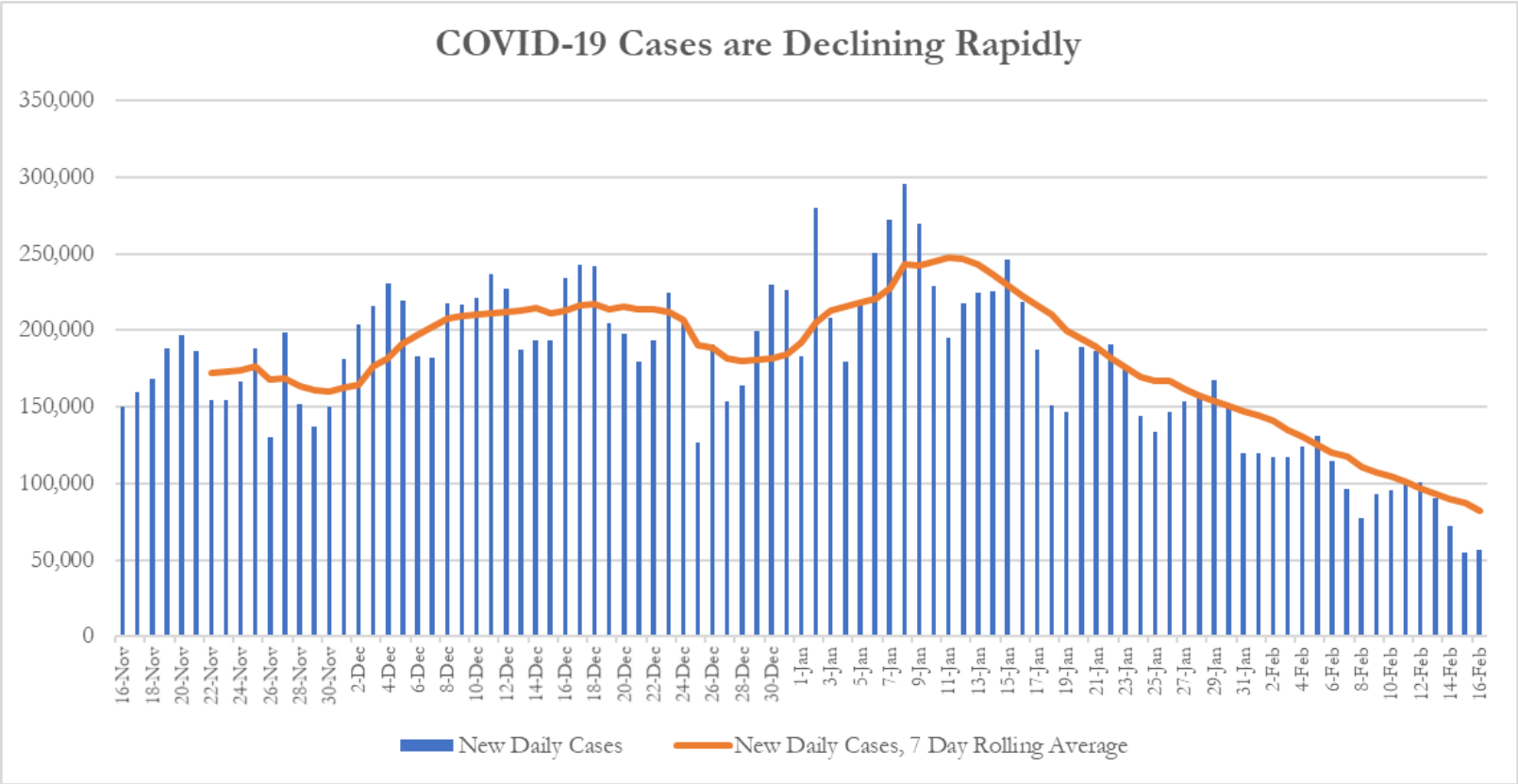


- More than **66%** of all confirmed cases so far have occurred since October 1, compared to 26% prior to June 15 and 8% from June 16 – September 30. This includes 72% of cumulative cases in the West, 71% in the Midwest, 64% in the South, and 56% in the Northeast.
- The Northeast region had the highest proportion of its cases occurring prior to June 15 (19%).

Data Source Used to Perform Our Tabulations:
COVID Tracking Project

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New Daily Cases are Currently Declining Rapidly

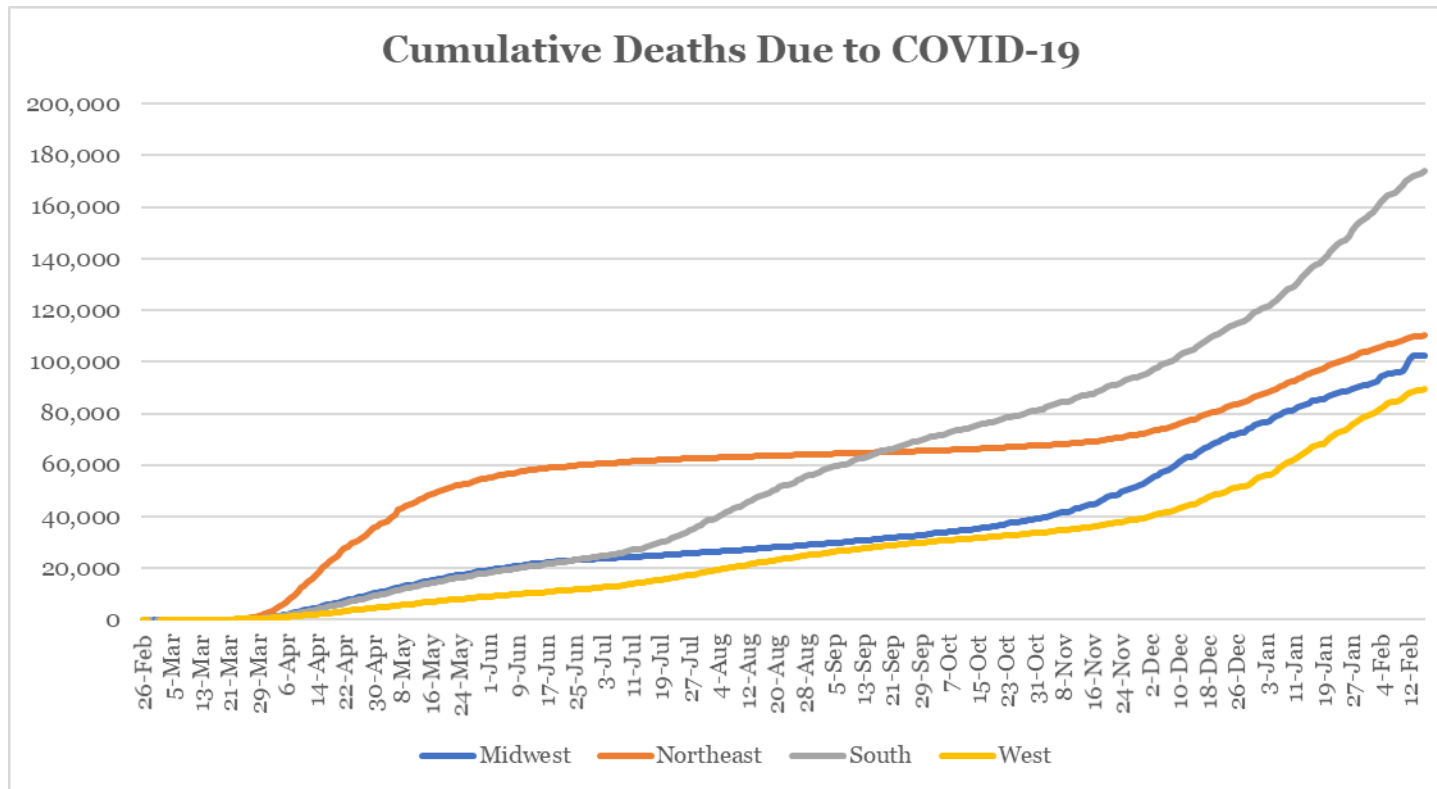


- Daily COVID cases are **down 68% since January 12**, and the seven-day rolling average for new daily cases has been declining for **36 straight days**.
- Daily new cases for the month of February (through February 16) have averaged 97,700— far lower than the December and January daily averages of 204,000 and 197,200, respectively.

Data Source Used to Perform Our Tabulations:
COVID Tracking Project



Deaths Have Risen Sharply In Every US Region In Recent Months



- More than **58%** of total COVID-attributed deaths through February 16 have occurred since October 1, compared to **24%** prior to June 15 and **18%** from June 15 – September 30.
- 68% of COVID deaths in the Midwest have occurred since October 1, along with 66% in the West, 60% in the South, and 41% in the Northeast.
- The Northeast experienced 53% of its total deaths prior to June 15; this proportion during the early months of the pandemic far exceeds the experience of the other three US regions.

Data Source Used to Perform Our Tabulations:
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Vaccine Overview for this Week

- Approximately **9.3 million** vaccine doses were administered between February 11 - 17, which is 21% fewer than the 11.8 million doses administered between February 4 - 10.
 - Average daily administrations fell to 1.3 million during February 11 – 17, versus nearly 1.7 million during the prior week. Inclement weather across much of the country is likely a contributing factor to this slowdown.
 - Only 6 states (Indiana, Wyoming, Colorado, Maine, Connecticut, and Louisiana) increased their vaccination volume this week relative to the previous week.
- All but 3 states (Rhode Island, Georgia, and Utah) have vaccinated at least 10% of their populations with one or more doses of the vaccine.

Trends in Vaccine Distribution for Alabama through Kansas, as of February 17, 2021

State	Total Doses Administered	Total Doses Administered Feb 4-Feb 10	Total Doses Administered Feb 11-Feb 17	Percent Change, Doses Administered Between Feb 4-Feb 10 and Feb 11- Feb 17	People with 1+ Doses	People with 2 Doses	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	650,020	154,898	106,783	-31.1%	494,424	154,341	10.1%	3.1%	47	51
Alaska	193,617	36,508	31,344	-14.1%	130,751	62,474	17.9%	8.5%	1	1
Arizona	1,164,900	285,535	223,325	-21.8%	892,791	267,967	12.3%	3.7%	16	46
Arkansas	486,949	108,356	56,146	-48.2%	345,271	138,254	11.4%	4.6%	31	26
California	6,323,011	1,463,548	1,188,147	-18.8%	4,766,592	1,507,829	12.1%	3.8%	22	41
Colorado	1,024,167	197,983	209,059	5.6%	704,742	314,557	12.2%	5.5%	17	11
Connecticut	738,191	135,241	137,942	2.0%	509,165	218,777	14.3%	6.1%	3	5
Delaware	155,111	25,826	21,741	-15.8%	118,666	35,601	12.2%	3.7%	18	47
District of Columbia	128,460	26,655	16,740	-37.2%	88,287	39,973	12.5%	5.7%	11	8
Florida	3,702,569	824,562	744,839	-9.7%	2,498,089	1,180,757	11.6%	5.5%	28	10
Georgia	1,473,440	297,977	200,425	-32.7%	1,040,075	402,578	9.8%	3.8%	50	43
Hawaii	240,715	56,932	40,097	-29.6%	170,911	69,799	12.1%	4.9%	21	14
Idaho	270,169	81,679	56,106	-31.3%	191,063	67,805	10.7%	3.8%	41	42
Illinois	1,996,099	496,259	391,269	-21.2%	1,531,557	431,310	12.1%	3.4%	19	50
Indiana	1,113,413	194,286	281,382	44.8%	797,872	313,895	11.9%	4.7%	24	23
Iowa	495,487	120,593	108,117	-10.3%	367,577	122,291	11.7%	3.9%	27	40
Kansas	405,166	91,767	72,243	-21.3%	295,950	106,249	10.2%	3.6%	46	48

Green shaded cells represent top 5 performing states in each column, and red shaded cells represent bottom 5 performing states in each column.

Data Source Used to Perform Our Tabulations : Centers for Disease Control and Prevention



Trends in Vaccine Distribution for Kentucky through North Carolina, as of February 17, 2021

State	Total Doses Administered	Total Doses Administered Feb 4-Feb 10	Total Doses Administered Feb 11-Feb 17	Percent Change, Doses Administered Between Feb 4-Feb 10 and Feb 11- Feb 17	People with 1+ Doses	People with 2 Doses	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	719,857	172,798	111,659	-35.4%	514,681	202,064	11.5%	4.5%	30	28
Louisiana	791,574	150,059	152,555	1.7%	531,448	258,404	11.4%	5.6%	32	9
Maine	242,445	47,460	49,199	3.7%	174,543	65,928	13.0%	4.9%	6	16
Maryland	903,172	199,069	157,694	-20.8%	648,414	253,696	10.7%	4.2%	39	34
Massachusetts	1,170,398	299,135	245,786	-17.8%	879,627	288,309	12.8%	4.2%	9	35
Michigan	1,680,901	369,779	268,854	-27.3%	1,136,393	526,520	11.4%	5.3%	33	12
Minnesota	925,182	201,561	170,920	-15.2%	681,366	240,414	12.1%	4.3%	20	32
Mississippi	438,364	114,495	72,964	-36.3%	318,006	119,684	10.7%	4.0%	42	37
Missouri	892,006	212,880	197,014	-7.5%	637,707	244,879	10.4%	4.0%	45	38
Montana	184,579	38,965	35,240	-9.6%	132,847	51,293	12.4%	4.8%	13	20
Nebraska	294,904	59,594	47,025	-21.1%	201,138	91,998	10.4%	4.8%	44	22
Nevada	453,012	99,606	73,935	-25.8%	340,695	109,852	11.1%	3.6%	37	49
New Hampshire	218,316	45,832	34,213	-25.4%	152,041	66,108	11.2%	4.9%	36	17
New Jersey	1,480,413	344,956	283,736	-17.7%	1,067,242	407,180	12.0%	4.6%	23	25
New Mexico	447,379	85,034	77,515	-8.8%	302,820	139,262	14.4%	6.6%	2	3
New York	3,178,252	617,564	557,518	-9.7%	2,138,943	955,337	11.0%	4.9%	38	15
North Carolina	1,734,825	355,969	352,173	-1.1%	1,223,476	509,113	11.7%	4.9%	26	18

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Trends in Vaccine Distribution for North Dakota through Wyoming, as of February 17, 2021

State	Total Doses Administered	Total Doses Administered Feb 4-Feb 10	Total Doses Administered Feb 11-Feb 17	Percent Change, Doses Administered Between Feb 4-Feb 10 and Feb 11- Feb 17	People with 1+ Doses	People with 2 Doses	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	154,087	30,044	20,471	-31.9%	102,414	49,615	13.4%	6.5%	5	4
Ohio	1,825,178	373,783	366,004	-2.1%	1,325,650	496,235	11.3%	4.2%	34	33
Oklahoma	696,437	165,921	68,076	-59.0%	485,563	206,905	12.3%	5.2%	15	13
Oregon	692,781	134,766	103,746	-23.0%	487,286	202,959	11.6%	4.8%	29	19
Pennsylvania	1,950,185	436,383	355,711	-18.5%	1,445,138	498,866	11.3%	3.9%	35	39
Rhode Island	151,436	26,457	23,505	-11.2%	103,283	48,089	9.7%	4.5%	51	27
South Carolina	755,422	149,294	126,926	-15.0%	551,943	190,900	10.7%	3.7%	40	44
South Dakota	165,865	30,766	24,132	-21.6%	113,425	52,337	12.8%	5.9%	8	7
Tennessee	999,517	208,533	133,165	-36.1%	680,454	314,957	10.0%	4.6%	48	24
Texas	4,312,301	1,055,564	603,841	-42.8%	3,059,756	1,249,085	10.6%	4.3%	43	31
Utah	532,635	185,631	22,368	-88.0%	314,844	118,086	9.8%	3.7%	49	45
Vermont	115,964	22,190	19,056	-14.1%	78,816	36,957	12.6%	5.9%	10	6
Virginia	1,460,103	300,259	236,904	-21.1%	1,060,294	368,764	12.4%	4.3%	14	30
Washington	1,225,920	274,090	185,876	-32.2%	898,805	312,815	11.8%	4.1%	25	36
West Virginia	396,009	72,715	55,229	-24.0%	251,627	144,370	14.0%	8.1%	4	2
Wisconsin	1,012,491	278,103	186,216	-33.0%	748,247	252,667	12.9%	4.3%	7	29
Wyoming	100,186	18,740	20,671	10.3%	72,339	27,531	12.5%	4.8%	12	21
National	52,863,580	11,776,600	9,325,602	-20.8%	37,805,054	14,535,636	11.4%	4.4%		

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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.

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