

# Latest COVID-19 Case, Death, and Vaccination Figures; States Seeing Largest Increase in COVID-19 Deaths and Cases in Recent Weeks

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**The Menges Group**

Strategic Health Policy & Care Coordination Consulting

# COVID-19 Cases and Deaths – Monthly Lookback

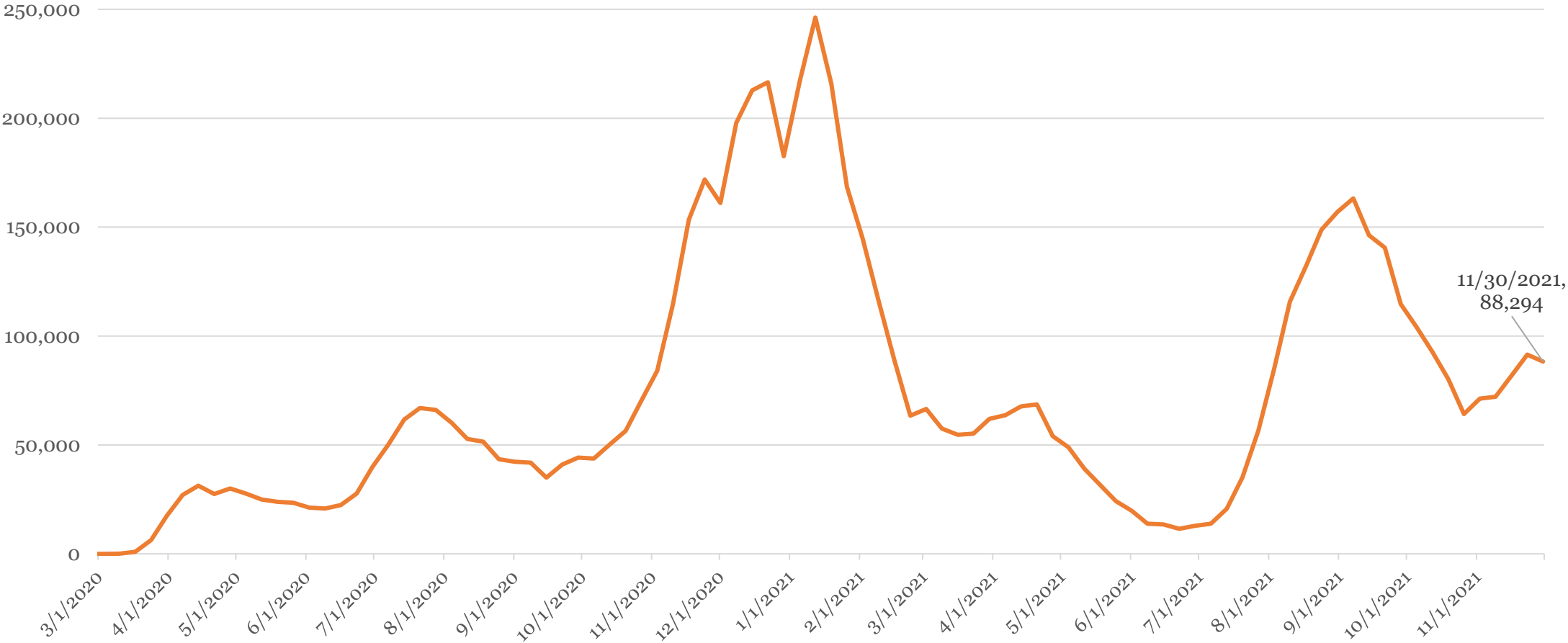
- More than 28 million COVID-19 cases have been reported in 2021 – about 40% higher than in 2020.
- Nearly 408,000 COVID deaths have been reported so far throughout 2021 – well above the nearly 360,000 reported in 2020.
- November 2021 was the 6<sup>th</sup> worst month for cases since the beginning of the pandemic, and the 11<sup>th</sup> worst for deaths.
- Average monthly cases and deaths are higher in 2021 than 2020 so far, but 2021 has a lower COVID case fatality rate (deaths/cases). Over a half million more cases have been reported this year, but only 1,000 additional deaths compared to last year's total.
- December 2020 and January 2021 remain the worst months for cases and deaths to date.

New Monthly Cases and Deaths, Ranked						
	Month	New Cases	New Deaths	Case Fatality Rate	Month Rank, Cases	Month Rank, Deaths
2020	March	212,589	4,973	2.3%	21	21
	April	879,956	60,551	6.9%	17	4
	May	742,212	41,766	5.6%	19	8
	June	860,936	20,652	2.4%	18	17
	July	1,942,439	30,792	1.6%	9	12
	August	1,478,194	30,402	2.1%	13	13
	September	1,220,476	21,706	1.8%	15	15
	October	1,935,848	24,033	1.2%	10	14
	November	4,434,541	42,258	1.0%	3	6
	December	6,374,648	82,784	1.3%	1	2
2021	January	6,086,255	97,646	1.6%	2	1
	February	2,342,918	61,474	2.6%	8	3
	March	1,797,235	31,762	1.8%	12	10
	April	1,844,394	20,672	1.1%	11	16
	May	897,130	16,202	1.8%	16	18
	June	392,270	9,505	2.4%	20	20
	July	1,378,790	9,811	0.7%	14	19
	August	4,248,807	33,468	0.8%	4	9
	September	4,100,662	53,754	1.3%	5	5
	October	2,429,676	42,127	1.7%	7	7
	November	2,677,596	31,303	1.2%	6	11
Monthly Average, 2020		2,008,184	35,992	1.8%		
Monthly Average, 2021		2,516,993	36,976	1.5%		

# Recent COVID-19 Case and Death Trends

- COVID cases are oscillating after a steady descent throughout the fall of 2021. Cases have risen by one-third throughout November from roughly 70,000 new cases per day (7-day average) at the beginning of the month to about 90,000 new daily cases as of this week. Case reports are also likely suppressed this week due to the Thanksgiving weekend.
- The downward trend for new daily deaths since mid-September has continued. About 720 deaths are being reported every day (7-day average) – about half of their mid-September 2021 peak.
  - Deaths are still well below their peak of more than 3,000 per day in the winter of last year.
- These trends come as the first cases of the new Omicron variant were reported in the U.S. this week.

# New U.S. Daily Confirmed COVID Cases, 7-Day Average



# New U.S. Daily Reported COVID Deaths, 7-Day Average



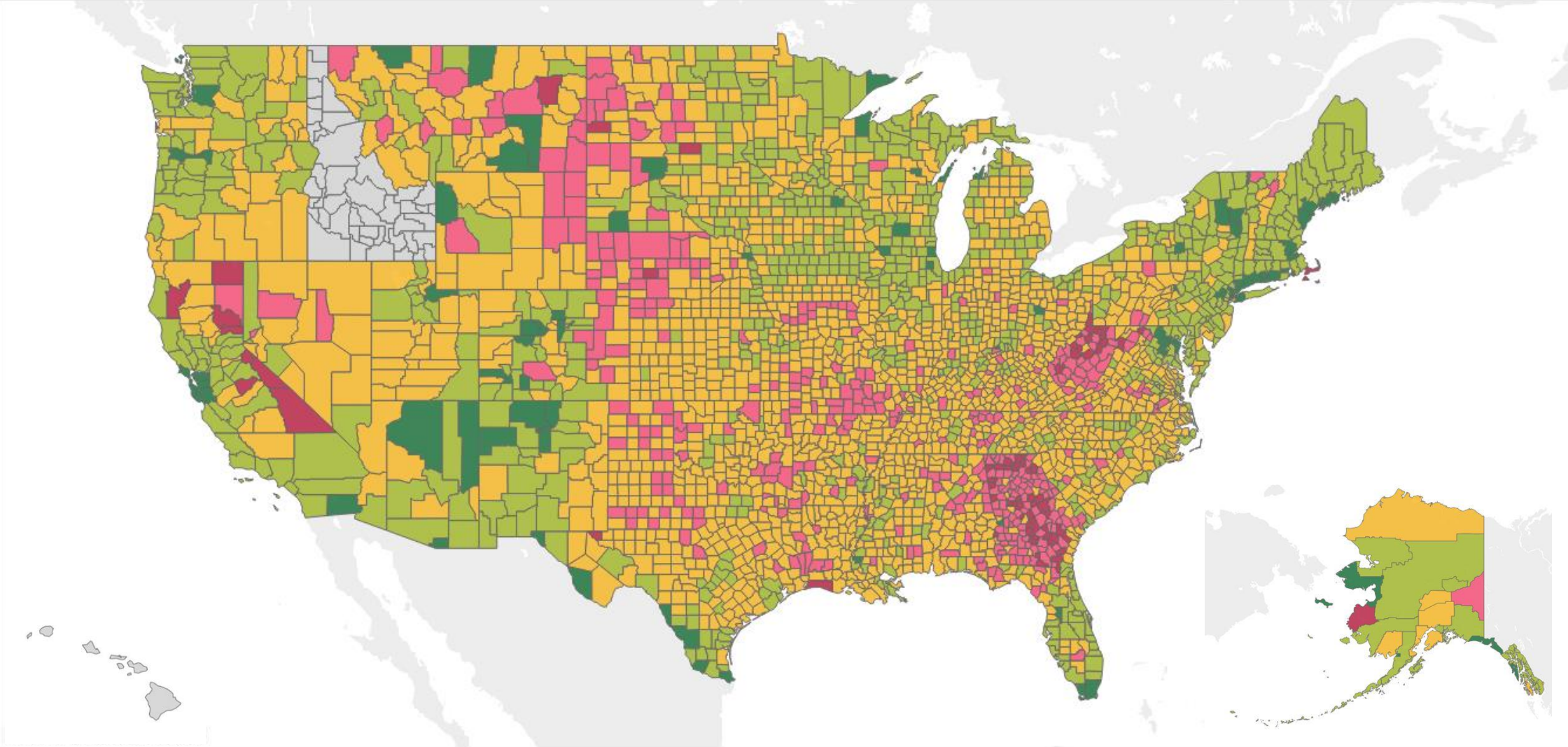
# States with Troubling November Trends

Top 10 States, New Cases in November			
Rank	State	New Cases Per One Million Population	New Cases
1	Michigan	20,931	209,153
2	Minnesota	20,480	116,866
3	New Hampshire	19,477	26,727
4	North Dakota	18,937	14,582
5	New Mexico	18,553	39,055
6	Alaska	17,859	12,936
7	Wisconsin	16,801	98,326
8	Vermont	15,483	9,650
9	Colorado	15,097	88,976
10	Wyoming	14,048	8,163

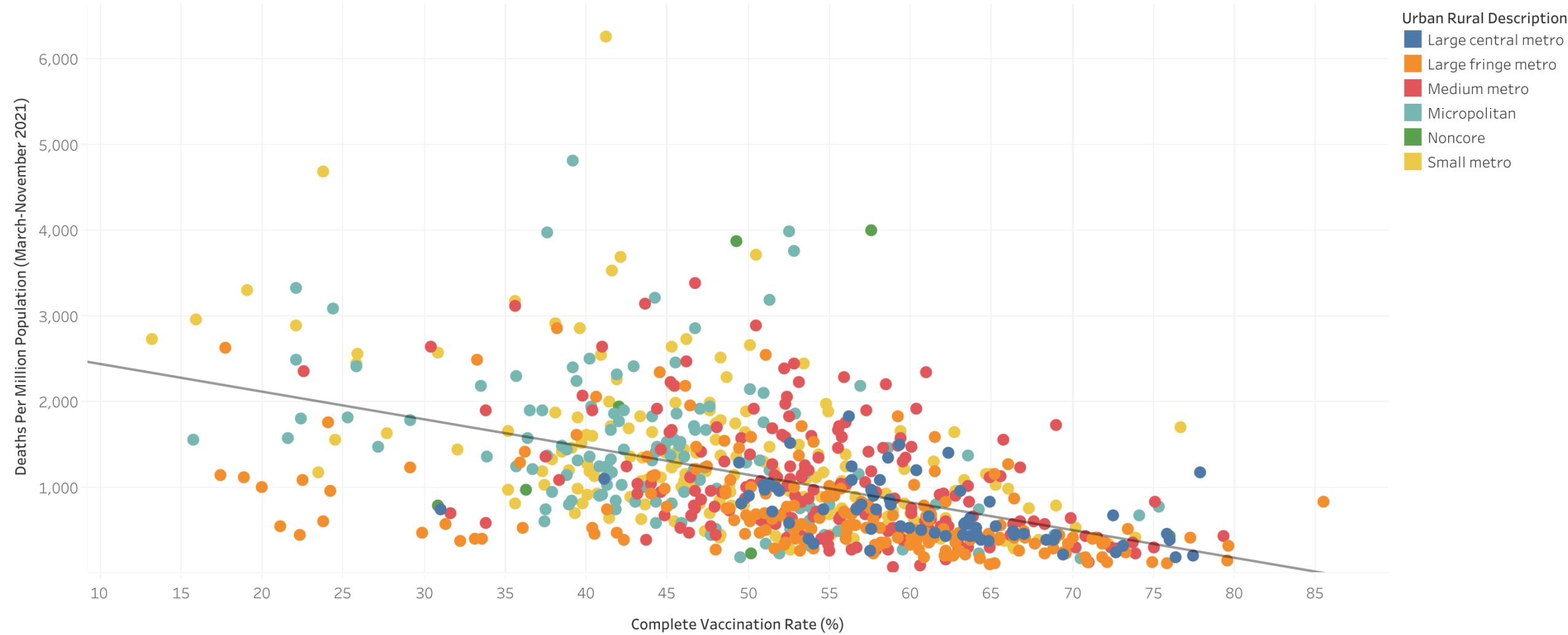
Top 10 States, New Deaths in November			
Rank	State	New COVID Deaths Per One Million Population	New COVID Deaths
1	Wyoming	437	254
2	Montana	300	325
3	West Virginia	250	442
4	Idaho	210	391
5	Alaska	208	151
6	Oregon	184	789
7	North Dakota	177	136
8	Ohio	176	2,060
9	Colorado	171	1,007
10	Pennsylvania	154	1,967

- The Upper Midwest and Mountain West have experienced some of the most rapid case growth in the nation over the last month.
  - Michigan led the nation with over 200,000 new cases in November – nearly 21,000 per one million persons.
- The Western US has experienced the highest per capita death rates recently, led by Wyoming, Montana, Idaho, and Oregon.
- Death rates and vaccination rates are also inversely correlated.
  - For example, West Virginia has the lowest rate of complete vaccinations in the country, and Wyoming holds the third lowest.
  - Both the Upper Midwest and Mountain West regions are relatively unvaccinated compared to the rest of the country, as shown in the following slide.
  - Places with higher rates of complete vaccination are also experiencing lower per capita deaths on average, as shown in the scatterplot on the last slide.

Percent of Population 12+ With Complete Vaccination by County



# Counties with Higher Vaccination Rates are Correlated with Lower Per Capita Death Rates Over Last Eight Months



Data Source: CDC

\*Each dot represents a county reporting both vaccination and death numbers between March 20 and November 20, 2021

**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. 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](mailto:pcall@themengesgroup.com). If you have questions about the content or data sources we have available, please email us at [jmenges@themengesgroup.com](mailto:jmenges@themengesgroup.com) or call 571-312-2360.

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