

South Dakota & Brookings County COVID-19 Comparison Data: March 10, 2021

The following is a summary of South Dakota standings nationally as posted in the Washington Post as of 9:25am CT on 3/10/21 (based on data from Hopkins and state websites)

(https://www.washingtonpost.com/graphics/2020/national/coronavirus-us-cases-deaths/?itid=hp_pandemic-guide-box).

Note: 100K means 100,000.

Testing

Out of 50 states, South Dakota has the:

- **8th for the highest percent positive tests in the last 7 days (7%)** with New Hampshire the highest at 11% (USA = 4%)
- **45th highest for number of new tests reported in last 7 days per 100K population (852/100K)** with Vermont the highest at 9,717/100K (USA = 2,284/100K)

Cases

Out of 50 states, South Dakota has the:

- **18th highest reported new cases in last 7 days per 100K population**
 - South Dakota = 124/100K vs. USA = 145/100K
 - Missouri is #1 with a rate of 1,375/100K and Hawaii is #50 with a rate of 25/100K
 - 36 countries have a higher rate than South Dakota; Czech Republic has the highest with 783/100K
- **2nd highest total reported cases per 100K population**
 - South Dakota = 12,858/100K vs. USA = 8,770/100K
 - North Dakota is #1 with a rate of 13,190/100K and Hawaii is #50 with a rate of 1,976/100K
 - 2 countries have a higher rate than South Dakota; Andorra has the highest rate with 14,428/100K

Hospitalizations

Out of 50 states, South Dakota has the:

- **35th highest number of patients currently hospitalized for COVID per 100K population (8/100K)** with New York 1st at 33/100K and Hawaii the lowest at 29/100K

Deaths

Out of 50 states, South Dakota has the:

- **36th highest daily reported deaths in last 7 days per 100K population**
 - South Dakota = 1.5/100K vs. USA = 3.5/100K
 - Virginia is #1 with a rate of 6.1/100K and North Dakota is #50 with a rate of 0.3/100K
 - 48 countries have a higher rate than South Dakota; Czech Republic is the highest country with 13.6/100K
- **8th highest total reported deaths per 100K population**
 - South Dakota = 215/100K vs. USA = 159/100K
 - New Jersey is #1 with a rate of 266/100K and Hawaii is #50 with a rate of 31/100K
 - No country has a higher rate than South Dakota; Czech Republic has the highest rate at 210/100K

Vaccines

Out of 50 states, South Dakota has the:

- **6th highest number of people partially vaccinated per 100K**
 - South Dakota = 13,355/100K vs. USA = 8,731/100K
 - Connecticut is #1 with 15,793/100K and Georgia is #50 with 4,804/100K
- **5th highest number of people fully vaccinated per 100K**
 - South Dakota = 12,868/100K vs. USA = 9,669
 - Alaska is #1 with 16,041/100K and Utah is #50 with 7,382/100K

County Rankings:

Counties with the top ten most populous cities and rankings based on average number of daily cases over the last seven days per 100K population, total cases and death per 100K population, and percentage of the population with one or more vaccinations (rank of #1 is the best[^]). *Vaccination data are based on total county coverage and not the percent of eligible population that has been vaccinated.*

	County	Cases/day over last 7 days per 100K	Rank: Cases over last 7 days	Total Cases per 100K	Rank: Total cases	Total Deaths per 100K	Rank: Total deaths	% Population with 1+ vaccine	Rank: % Vaccinated
Huron	Beadle	50	10	15,201	10	211	7	25.7	6
Brookings	Brookings	14	5	10,340	1	105	1	18.5	10
Aberdeen	Brown	14	6	13,335	6	229	8	25.8	5
Watertown	Codington	18	8	14,413	7	275	9	25.5	7
Mitchell	Davison	13	2	15,034	9	324	10	26.3	4
Pierre	Hughes	16	7	13,255	5	205	6	30.4	1
Spearfish	Lawrence	4	1	10,974	2	174	5	21.8	9
Sioux Falls	Minnehaha	26	9	14,695	8	173	4	29.4	2
Rapid City	Pennington	13	3	11,430	3	165	3	22.3	8
Yankton	Yankton	13	4	12,378	4	123	2	28.2	3
South Dakota		18		12,858		215		25.2	

Case and death data from: <https://www.nytimes.com/interactive/2020/us/south-dakota-coronavirus-cases.html> (3/10/21, 10:59 am ET); percent of population vaccinated calculated from numbers vaccinated on the SDDOH dashboard (3/10/21) and the 2019 Census data of population aged 16+ years.

[^] Rank of 1 is the lowest rate for cases and deaths, while for vaccinations a rank of 1 is the highest rate

Summary – Among the counties with the 10 largest cities, Brookings has the:

- 5th lowest number of average daily cases per population size in the last seven days
- lowest number of cases per population size since the beginning of the pandemic
- lowest number of deaths per population size since the beginning of the pandemic
- lowest percentage of county population aged 16+ years that has received at least one vaccine (this does not reflect the percentage of the eligible population that is vaccinated)

Based on the Department of Health dashboard posted as of March 10th, Brookings, Davison, Lawrence and Yankton counties have moderate community spread, while the remaining counties have substantial spread based on the *last two-weeks* of data and as defined by the CDC (new cases/week = 100+/100K population = 14+ new cases/day per 100K).