

South Dakota & Brookings County COVID-19 Comparison Data: April 14, 2021

The following is a summary of South Dakota standings nationally as posted in the Washington Post as of 6:45 am CT on 4/14/21 (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:

- **2nd highest percent positive tests in the last 7 days (tied with Nevada & Nebraska at 10%)** (USA = 6%) with Michigan the highest at 15% and Arkansas the lowest at 2%.
- **35th highest for number of new tests reported in last 7 days per 100K population (1,169/100K)** with Vermont the highest at 9,386/100K (USA = 1,839/100K)

Cases

Out of 50 states, South Dakota has the:

- **16st highest reported new cases in last 7 days per 100K population (moved up from 21st last week)**
 - South Dakota = 167/100K vs. USA = 152/100K
 - Michigan is #1 with a rate of 552/100K and Arkansas is #50 with a rate of 39/100K
- **2nd highest total reported cases per 100K population**
 - South Dakota = 13,582/100K vs. USA = 9,431/100K
 - North Dakota is #1 with a rate of 13,784/100K and Hawaii is #50 with a rate of 2,183/100K
 - 4 countries have a higher rate than South Dakota; Andorra has the highest rate with 16,352/100K

Hospitalizations

Out of 50 states, South Dakota has the:

- **20th highest number of patients currently hospitalized for COVID per 100K population (12/100K)** with Michigan 1st at 42/100K and three states tied for the lowest at 5/100K

Deaths

Out of 50 states, South Dakota has the:

- **34th highest daily reported deaths in last 7 days per 100K population (46th last week)**
 - South Dakota = 1.0/100K vs. USA = 1.6/100K
 - Montana is #1 with a rate of 4.6/100K and Alaska is #50 with a rate of 0.1/100K
- **9th highest total reported deaths per 100K population**
 - South Dakota = 220/100K vs. USA = 169/100K
 - New Jersey is #1 with a rate of 281/100K and Hawaii is #50 with a rate of 33/100K
 - 5 countries have a higher rate than South Dakota; Czech Republic has the highest with 264/100K

Vaccines

Out of 50 states, South Dakota has the:

- **29th highest number of people partially vaccinated per 100K**
 - South Dakota = 14,690/100K vs. USA = 14,149/100K
 - New Hampshire is #1 with 31,320/100K and Alaska is #50 with 9,893/100K
- **6th highest number of people fully vaccinated per 100K**
 - South Dakota = 28,566/100K vs. USA = 22,688
 - Alaska is #1 with 30,402/100K and Georgia is #50 with 16,369/100K

County Rankings:

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

- *highest* number of average daily cases per population size in the last seven days
- *2nd 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
- *3rd lowest* percentage of county population aged 16+ years that has received at least one vaccine

Based on the Department of Health dashboard posted as of April 14th, Beadle, Lawrence and Pennington counties have moderate community spread, while all other 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).

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[^]).

	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	13	2	15,694	8	217	6	46.9	6
Brookings	Brookings	54	10	11,478	2	105	1	40.4	8
Aberdeen	Brown	24	5	13,927	6	234	8	48.4	5
Watertown	Codington	42	9	15,434	7	286	9	46	7
Mitchell	Davison	22	4	15,985	10	339	10	51.3	3
Pierre	Hughes	27	7	13,808	5	217	7	56.7	1
Spearfish	Lawrence	9	1	11,291	1	174	4	38.6	9
Sioux Falls	Minnehaha	37	8	15,843	9	180	5	53.6	2
Rapid City	Pennington	13	3	11,778	3	166	3	36.6	10
Yankton	Yankton	24	6	13,110	4	127	2	51.2	4
South Dakota		24		13,582		220		44	

Case and death data from: <https://www.nytimes.com/interactive/2020/us/south-dakota-coronavirus-cases.html> (4/14/21, 7:09 am ET); percent of population vaccinated calculated from numbers vaccinated on the SDDOH dashboard (4/14/21) 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

Counties shaded red have substantial community spread based on SDDOH dashboard (last two weeks & determined on Mondays).