

## South Dakota & Brookings County COVID-19 Comparison Data: February 24, 2021

The following is a summary of South Dakota standings nationally as posted in the Washington Post as of 8:15am CT on 2/24/21 (based on data from Hopkins and state websites)

([https://www.washingtonpost.com/graphics/2020/national/coronavirus-us-cases-deaths/?itid=hp\\_pandemic-guide-box](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:

- **Tied with Alabama and Kansas for being 1<sup>st</sup> for the highest percent positive tests in the last 7 days (22%)**
- **48<sup>th</sup> highest for number of new tests reported in last 7 days per 100K population (495/100K)** with Rhode Island the highest at 10,583/100K

### Cases

Out of 50 states, South Dakota has the:

- **30<sup>th</sup> highest reported new cases in last 7 days per 100K population**
  - South Dakota = 110/100K vs. USA = 142/100K
  - South Carolina is #1 with a rate of 332/100K and Hawaii is #50 with a rate of 26/100K
  - 36 countries have a higher rate than South Dakota; Czech Republic has the highest with 645/100K
- **2<sup>nd</sup> highest total reported cases per 100K population**
  - South Dakota = 12,906/100K vs. USA = 8,624/100K
  - North Dakota is #1 with a rate of 13,217/100K and Hawaii is #50 with a rate of 1,918/100K
  - Andorra is the only country with a higher rate than South Dakota (13,921/100K)

### Hospitalizations

Out of 50 states, South Dakota has the:

- **33<sup>rd</sup> highest number of patients currently hospitalized for COVID per 100K population (10/100K)** with New York 1<sup>st</sup> at 36/100K and Hawaii the lowest at 4/100K

### Deaths

Out of 50 states, South Dakota has the:

- **36<sup>st</sup> highest daily reported deaths in last 7 days per 100K population**
  - South Dakota = 2.2/100K vs. USA = 4.4/100K
  - Rhode Island is #1 with a rate of 12.5/100K and Alaska is #50 with a rate of 0.3/100K
  - 37 countries have a higher rate than South Dakota; Slovakia is the highest country with 11.1/100K
- **7<sup>th</sup> highest total reported deaths per 100K population**
  - South Dakota = 216/100K vs. USA = 153/100K
  - New Jersey is #1 with a rate of 259/100K and Hawaii is #50 with a rate of 30/100K
  - No country has a higher rate than South Dakota; Belgium has the highest country rate at 191/100K

### Vaccines

Out of 50 states, South Dakota has the:

- **3<sup>rd</sup> highest number of first doses administered per 100K**
  - South Dakota = 18,411/100K
  - Alaska is #1 with 20,906/100K and Tennessee is #50 with 11,544/100K
- **4<sup>th</sup> highest number of second doses administered per 100K**
  - South Dakota = 9,012/100K
  - Alaska is #1 with 11,507/100K and Illinois is #50 with 4,612/100K
- **4<sup>th</sup> highest percent of the population that has completed vaccination**
  - South Dakota = 9.0%
  - Alaska is #1 with 11.5% and Illinois is #50 with 4.6%

## 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 as of February 24, 2021 (rank of #1 is the best<sup>^</sup>). *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	22	8	14,594	9	211	7	19.3	6
Brookings	Brookings	10	2	10,166	1	103	1	11.5	10
Aberdeen	Brown	9	1	13,118	6	219	8	20.0	5
Watertown	Codington	30	9	14,095	7	275	9	18.7	7
Mitchell	Davison	10	2	14,867	10	308	10	20.1	4
Pierre	Hughes	31	10	13,078	5	194	6	24.1	1
Spearfish	Lawrence	10	2	10,873	2	170	4	14.9	9
Sioux Falls	Minnehaha	17	7	14,386	8	170	5	21.5	2
Rapid City	Pennington	17	6	11,239	3	162	3	16.4	8
Yankton	Yankton	11	5	12,238	4	123	2	20.4	3
<b>South Dakota</b>		<b>15</b>		<b>12,609</b>		<b>211</b>		<b>18.4</b>	

Case and death data from: <https://www.nytimes.com/interactive/2020/us/south-dakota-coronavirus-cases.html> (2/24/21, 7:48 am ET); percent of population vaccinated calculated from numbers vaccinated on the SDDOH dashboard (2/24/21) and the 2019 Census data.

<sup>^</sup> 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 2<sup>nd</sup> lowest number of average daily cases per population size in the last seven days
- has the lowest number of cases per population size since the beginning of the pandemic
- has the lowest number of deaths per population size since the beginning of the pandemic
- the lowest percentage of county population 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 February 24<sup>th</sup>, Brown, Davison, Lawrence and Yankton counties have moderate community spread, while the remaining counties have substantial spread based on the last 2-weeks of data and as defined by the CDC (new cases/week = 100+/100K population = 14+ new cases/day per 100K). In the last week Brookings has moved to moderate spread and if the number of cases in Brookings County continues to be low Brookings County will move to moderate spread next week.