South Dakota & Brookings County COVID-19 Comparison Data: June 2, 2021

The following is a summary of South Dakota standings nationally as posted in the Washington Post as of 6:35 am CT on 6/2/21 (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 49 states, South Dakota has the (no data for New Mexico this week):

- **Highest percent positive tests in the last 7 days (tied with AL, MT, NE at 6%)** and five states (CA, HI, NY, RI, VT) the lowest at 1% (USA = 3%)
- **43rd highest for number of new tests reported in last 7 days per 100K population (562/100K)** with Rhode Island the highest at 3,382/100K and California the lowest (70/100K) (USA = 1,179/100K)

Cases

Out of 50 states, South Dakota has the:

- **39th highest reported average daily new cases per 100K population in the last 7 days**
    - South Dakota = 3/100K (tied with seven other states) vs. USA = 5/100K
    - Washington is #1 with a rate of 16/100K and Nebraska & Vermont are tied for #50 with a rate of 2/100K
- **3rd highest total reported cases per 100K population**
    - South Dakota = 14,038/100K vs. USA = 10,021/100K
    - North Dakota is #1 with a rate of 14,430/100K and Hawaii is #50 with a rate of 2,562/100K
    - Five countries have a higher rate than South Dakota; Andorra has the highest rate with 17,797/100K

Hospitalizations

Out of 50 states, South Dakota has the:

- **40th highest number of patients currently hospitalized for COVID per 100K population (SD = 4/100K; tied with six states)** with West Virginia the highest at 12/100K and Vermont the lowest at 1/100K (USA = 7/100K)

Deaths

Out of 50 states, South Dakota has the:

- **9th highest daily reported deaths per 100K population in last 7 days (tied with 30 other states)**
    - South Dakota = 0.1/100K vs. USA = 0.1/100K
    - Kentucky is #1 with a rate of 1.1/100K and nine states have a rate of 0/100K
- **9th highest total reported deaths per 100K population**
    - South Dakota = 228/100K vs. USA = 179/100K
    - New Jersey is #1 with a rate of 295/100K and Hawaii is #50 with a rate of 35/100K
    - Eight countries have a higher rate than South Dakota; Hungary has the highest with 305/100K

Vaccines

Out of 50 states, South Dakota has the:

- **22nd highest number of people fully vaccinated per 100K**
    - South Dakota = 42,445/100K vs. USA = 40,924/100K
    - Vermont is #1 with 56,377/100K and Mississippi is #50 with 27,134/100K

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).

	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	<1	1	16,062	7	217	6	39.7	8
Brookings	Brookings	1	6	12,062	2	105	1	41.2	7
Aberdeen	Brown	1	6	14,491	6	239	8	43.7	5
Watertown	Codington	<1	1	16,591	10	293	9	41.5	6
Mitchell	Davison	<1	1	16,410	8	339	10	45.6	4
Pierre	Hughes	<1	1	14,384	5	234	7	50.6	1
Spearfish	Lawrence	<1	1	11,624	1	182	4	37.3	9
Sioux Falls	Minnehaha	3	9	16,414	9	187	5	47.8	2
Rapid City	Pennington	4	10	12,162	3	175	3	33.4	10
Yankton	Yankton	1	8	13,623	4	149	2	47.2	3
South Dakota		**3**		**14,038**		**228**		**39.8**	

Case and death data from: https://www.nytimes.com/interactive/2020/us/south-dakota-coronavirus-cases.html (6/2/21, 7:00 am CT); percent of population vaccinated calculated from numbers vaccinated on the SDDOH dashboard (6/2/21) and the 2019 Census population data.

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

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

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

- *6th lowest* number of average daily cases per population size in the last seven days (tied with Brown)
- *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
- *7th highest* percentage of county population that has received at least one vaccine

Based on the Department of Health dashboard posted as of June 2nd, Codington County has minimal spread, and the remaining nine counties have moderate spread based on the *last two-weeks* of data and as defined by the CDC.