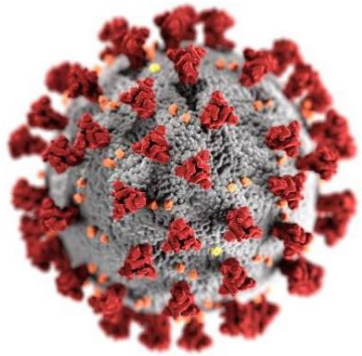
SOUTH DAKOTA DEPARTMENT OF HEALTH

Back to School with COVID-19

08-05-21



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Agenda:

Dr. Kara McCormick, COVID-19 Epidemiologist – Schools Team

COVID-19 Situation Update

CDC Mitigation Recommendations

Dr. Tim Southern, Director, South Dakota Public Health Laboratory

Testing & Screening Overview

Cassie Deffenbaugh, Administrator, Office of Disease Prevention Services

Contact Tracing Updates

Tim Heath, Immunization Program Manager

Vaccination Overview & Opportunities

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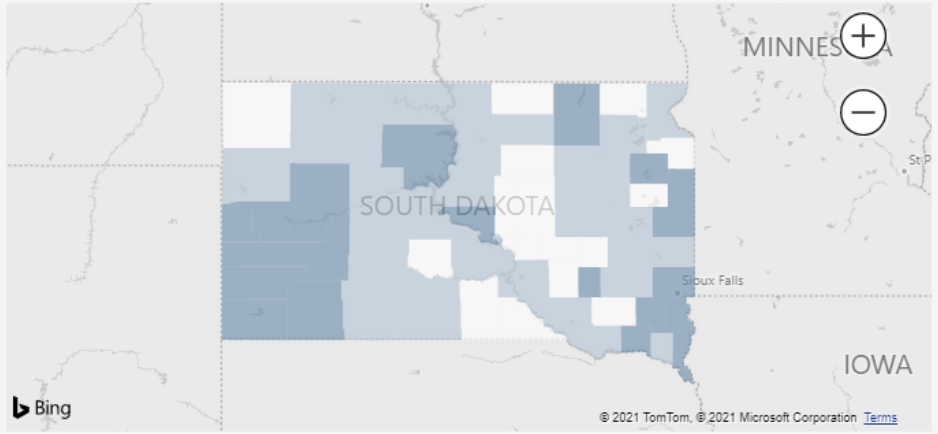
Coronavirus Situation Updates:

Last Updated 8-04-21

New Confirmed Cases	New Probable Cases	Active Cases	Recovered Cases	Currently Hospitalized
374	55	657	122,885	39

Community Spread Map by County of Residence



Community Spread None Minimal Moderate

Hover over a county to see its details, or click county to update the orange boxes.

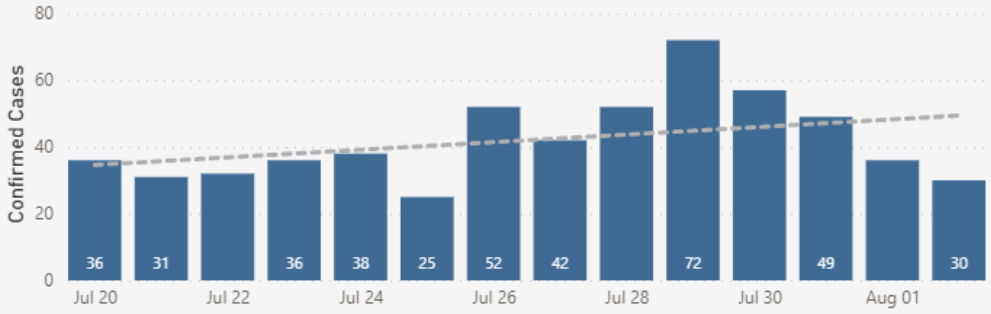
Total Confirmed Cases	Total Probable Cases	PCR Test Positivity Rate, Last 7 D...	Total Persons Tested	Total Tests
110,159	15,433	7.7% 7/27/2021 - 8/2/2021	499,224	1,295,877

Ever Hospitalized	Deaths Among Cases	% Progress (June Goal: 44233 Tests)	% Progress (July Goal: 44233 Tests)	% Progress (August Goal: 44233 Tests)
6,528	2,050	68%	65%	9%

PCR Test Positivity Rate, Last 7 Days	PCR Test Positivity Rate, Last 14 Days	PCR Test Positivity Rate, Cumulative
7.7% 7/27/2021 - 8/2/2021	6.9% 7/20/2021 - 8/2/2021	13.1% 3/10/2020 - 8/2/2021

PCR Test Positivity Rate: *This rate is equal to the number of positive PCR tests divided by total PCR tests, within the specified period of time. Date range includes last full day (24 hours) captured in the data set.*

Confirmed Cases and 14-Day Trend Line by Date Reported to SD-DOH



Confirmed Cases 14-Day Trend Line

14-Day Trend of Confirmed Cases by Date Reported to SD-DOH: *This graph shows the trend (increasing or decreasing) of COVID-19 confirmed cases (persons who meet the national surveillance case definition case for COVID-19) at the state or county level.*

Daily Rate of Total Cases, Last 7 Days	Rate of Total Cases, Cumulative
7/27/2021 - 8/2/2021	3/10/2020 - 8/2/2021
6.40	14,236
Daily Case Rate per Capita	Case Rate per Capita

Rate of Cases: *Number of cases (persons who meet the national surveillance case definition for a confirmed or probable case of COVID-19) reported to SD-DOH in the last 7 days as a daily average (or cumulative) divided by the state or county population multiplied by 100,000. This is done to compare disease burden across geographic areas (eg. state or county).*

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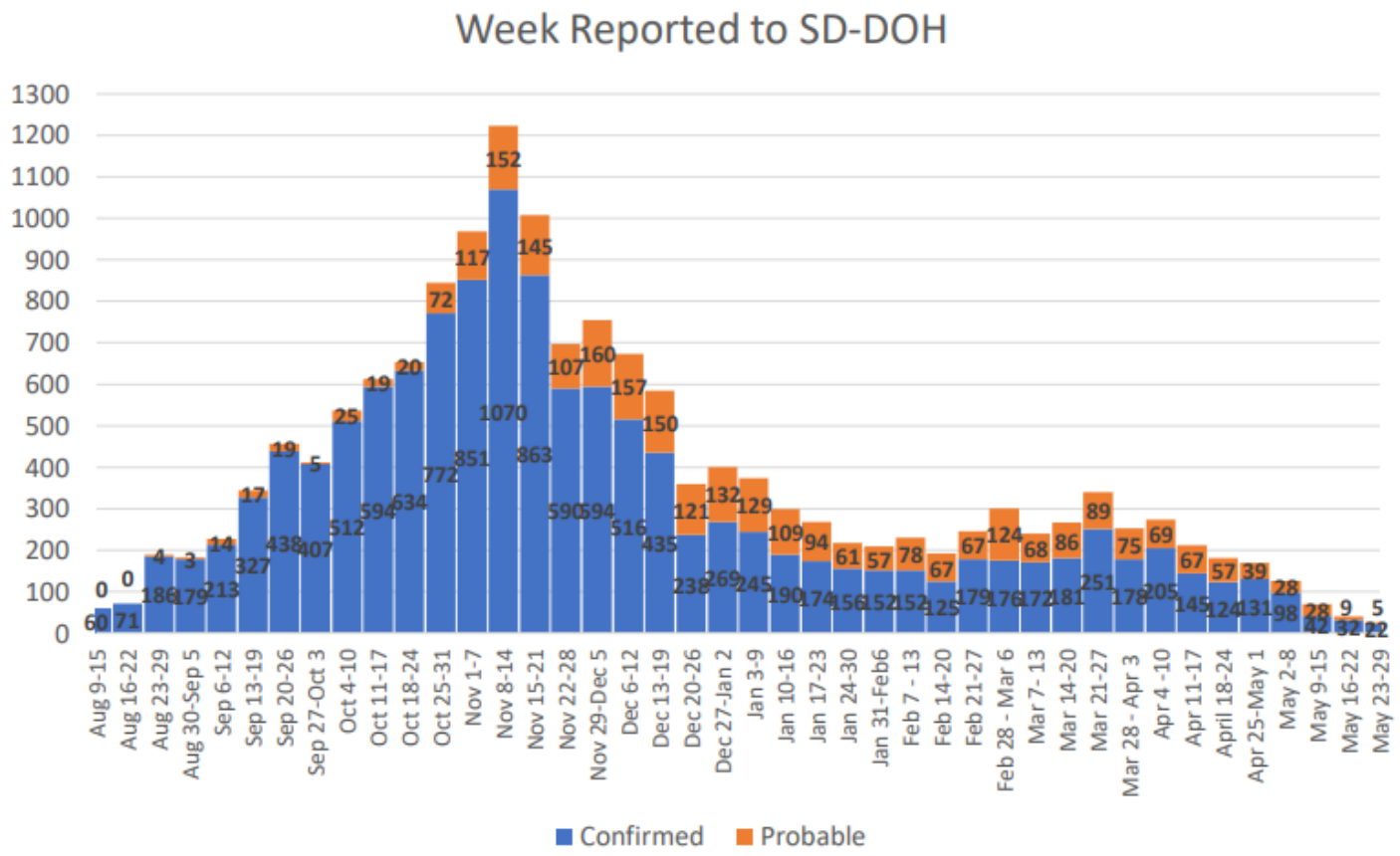
COVID-19 Cases Within SD K-12 Schools 2020-2021



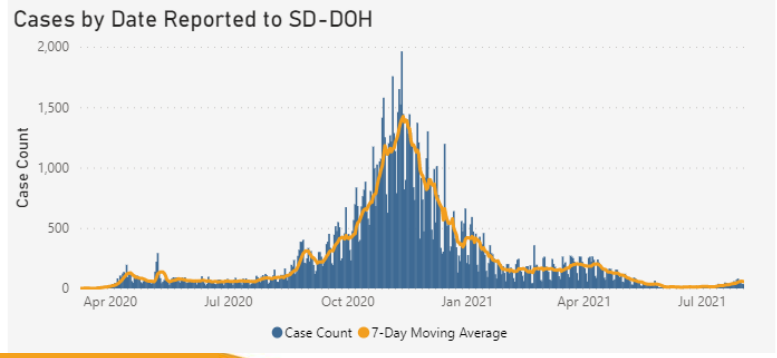
* Includes cases reported to the South Dakota Department of Health (SD-DOH) starting August 9

** Includes public and non-public accredited schools and approved programs

Total Cases: 15,795
Students: 11,860
Staff: 3,934

Cumulative Incidence Rate: 7.71%

compared to all cases



COVID-19 Prevention Strategies Most Important for Safe In-Person Learning in K-12 Schools

- **Promoting vaccination**
- **Consistent and correct mask use**
- **Physical distancing**
- **Screening testing to promptly identify cases, clusters, and outbreaks**
- **Ventilation**
- **Handwashing and respiratory etiquette**
- **Staying home when sick and getting tested**
- **Contact tracing, in combination with isolation and quarantine**
- **Cleaning and disinfection**

CDC recommends the following approaches be layered for greatest impact.

Decision-makers should consider which prevention strategies will be most effective in their locality.

COVID-19 Testing Opportunities for K-12 Schools: Summary of Updates

1. SDDOH will continue to support diagnostic testing for symptomatic individuals using Abbott BinaxNOW.

2. SDDOH will also provide a second antigen test, the Quidel QuickVue COVID-19 over-the-counter (OTC) test, that can be used to test symptomatic and asymptomatic individuals, and can be provided to students, faculty, and staff for home-use.

3. Unfortunately, due to very low enrollment, onsite, contractor-provided screening testing cannot be offered.

DOH and DOE will work with school districts to determine needs and will coordinate shipping of test kits and PPE throughout the school year.

COVID-19 Testing Opportunities for K-12 Schools

School Year	Diagnostic Testing (symptomatic individuals)	Sentinel/Screening Testing (asymptomatic individuals)
2020-2021	Abbott BinaxNOW Antigen Test	DOH-Sponsored Sentinel Surveillance
2021-2022	Abbott BinaxNOW Antigen Test	Quidel QuickVue At-Home OTC Test

Diagnostic Testing: Abbott BinaxNOW

- No changes to the K-12 Abbott BinaxNOW diagnostic testing program have been made and no changes are anticipated for the upcoming school year.
- DOH will continue CLIA Certificate of Waiver coverage for participating K-12 schools.
- K-12 schools that participate in the diagnostic testing program using BinaxNOW resources provided by DOH will need to ensure the following:

  1. Participant consent (adults and youth)
  2. Suitable location for specimen collection and testing
  3. Training to perform specimen collection, testing, and reporting
  4. Perform specimen collection and testing
  5. Waste management
  6. Result reporting to DOH

- Test kit and PPE ordering/shipping will be the same as during the 2020-2021 school year; DOE and DOH will work with districts/schools to ship materials.

New Testing Opportunity: Quidel QuickVue OTC Test

- For the 21-22 school year, SDDOH is introducing the Quidel QuickVue over-the-counter (OTC) test that can be used in the K-12 school setting or at-home.

- Quidel QuickVue OTC COVID Test:
  - ✓ Can be performed on symptomatic and asymptomatic individuals.
  - ✓ Does not require a CLIA Certificate of Waiver to perform the test.
  - ✓ Does not require a prescription or medical order.
  - ✓ Does not require an instrument, meter, or smart device to perform the test.
  - ✓ Takes approximately 10 minutes to complete.
  - ✓ Specimens can be self-collected by individuals ≥14 years of age.
  - ✓ With adult guidance, the test can be performed on individuals ≥ 2 years of age.

New Testing Opportunity: Quidel QuickVue OTC Test

- Schools may use the QuickVue OTC COVID-19 testing in-school and may offer the test to students, faculty, and staff for at-home use.
- DOE will work with schools/districts to assess QuickVue test kit needs, and DOH will distribute supplies; the process will be the same as for Abbott BinaxNOW.
- If the QuickVue OTC test is performed in a K-12 setting, the institution should ensure the same six testing program criteria are in place (consent, location, training, specimen collection/testing, waste management, and reporting); CLIA Certificate of Waiver is not needed to perform the QuickVue OTC test.
- If the QuickVue OTC test is sent home with students, faculty, or staff, it will be up to an adult to ensure all directions in the package insert are followed when performing specimen collection and testing.

K-12 COVID-19 Testing: Training and Education

- Archived materials from the 2020-2021 K-12 school year are available to assist with review of an existing COVID-19 diagnostic testing program or development of a new COVID-19 diagnostic testing program using the Abbott BinaxNOW COVID-19 antigen test.

- DOH can provide additional training opportunities for both the Abbott BinaxNOW test and the Quidel QuickVue OTC test in support of testing program development for the 2021-2022 K-12 school year.

Contact Tracing, 2021-2022

CDC Change – Exception to K-12 student close contact definition

- Close Contact Definition
  - Someone who was within 6 feet of an infected person for a cumulative total of 15 minutes or more over a 24-hour period, unless the individual has been fully vaccinated and remain without symptoms.
  - An infected person can spread SARS-CoV-2 starting from 2 days before they have any symptoms (or, for asymptomatic patients, 2 days before the positive specimen collection date), until they meet criteria for discontinuing home isolation.

Exception: In the **K–12 indoor classroom** setting, the close contact definition ***excludes* students** who were within **3 to 6 feet of an infected student** where:

- Both students were engaged in **consistent and correct use of well-fitting face masks**; ***and***
- Other **K–12 school prevention strategies** (such as universal and correct mask use, physical distancing, increased ventilation) were in place in the **K–12 school setting.**

**This exception does not apply to teachers, staff, or other adults in the indoor classroom setting.

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Contact Tracing Reminders

Criteria for release from isolation (Positive Patient):

- At least 10 days have passed since symptoms first appeared **AND**
- At 24 hours have passed since resolution of fever without the use of fever-reducing medications **AND**
- Symptoms have improved

*If an individual tests positive for COVID-19 but does not have symptoms, the individual should isolate until after 10 days have passed since the date tested resulting in positive test

Quarantine Guidance (Close Contact):

- Stay home for 10 days after last contact with person who has COVID-19
- Monitor for fever (100.4 F), cough, shortness of breath, or other symptoms of COVID-19
- If possible, stay away from household members, especially people who are at higher risk for getting very sick from COVID-19
- If at any point during quarantine, the close contact begins experiencing symptoms, they should consult with their healthcare provider and test

*This quarantine guidance is not applicable to individuals as outlined on the following slide under “Additional Quarantine Exceptions”.

Contact Tracing Reminders

Testing out of Quarantine:

- A close contact who remains without symptoms following exposure to COVID-19, may test on day 5 or later from date of last exposure. If test is negative and the close contact remains without symptoms, the close contact can resume normal activities after day 7 and continue monitoring for symptoms.
- If at any point during quarantine, the close contact begins experiencing symptoms, they should consult with their healthcare provider and test.

Additional Quarantine Exceptions:

Anyone who has had close contact with someone with COVID-19 and who meets the following criteria does **NOT** need to stay home.

- Someone who has been fully vaccinated and shows no symptoms of COVID-19
  - NEW GUIDANCE as of 7/27/21: Recommendation added for fully vaccinated people who have a known exposure to someone with suspected or confirmed COVID-19 to be tested 3-5 days after exposure, and to wear a mask in public indoor settings for 14 days or until they receive a negative test result.

OR

- Someone who has COVID-19 illness within the previous 3 months **AND**
- Has recovered **AND**
- Remains without COVID-19 symptoms (for example, cough, shortness of breath)

OR

- Someone who has had a positive COVID-19 antibody test in the **AND**
- Remains without COVID-19 symptoms (for example, cough, shortness of breath)

Contact Tracing Process

The process will remain the same as 20-21 school year

- Informing of and confirming positive cases
- Workbooks for close contacts
- Technical assistance, guidance and consultation
- POCs and Strike Leads – These POCs may have changed from last year. POCs will reach out to the designated POC in the upcoming weeks prior to school
- Changes to guidance remain ongoing
- As guidance is released, SD-DOH will review and evaluate implementation

Doses Administered/Vaccine Coverage

Total Doses Administered*

717,056

Total Persons Administered a Vaccine*

383,862

Percent of State Population with at least 1 Dose**

59%

Manufacturer	# of Doses
Janssen	24,528
Moderna	302,410
Pfizer	390,118

Doses	# of Recipients
Janssen - Series Complete	24,528
Moderna - 1 dose	9,882
Moderna - Series Complete	146,264
Pfizer - 1 dose	16,274
Pfizer - Series Complete	186,922

Doses	% of Pop.
1 dose	59.07%
Series Complete	54.24%

Based on 2019 Census Estimate for those aged 12+ years.

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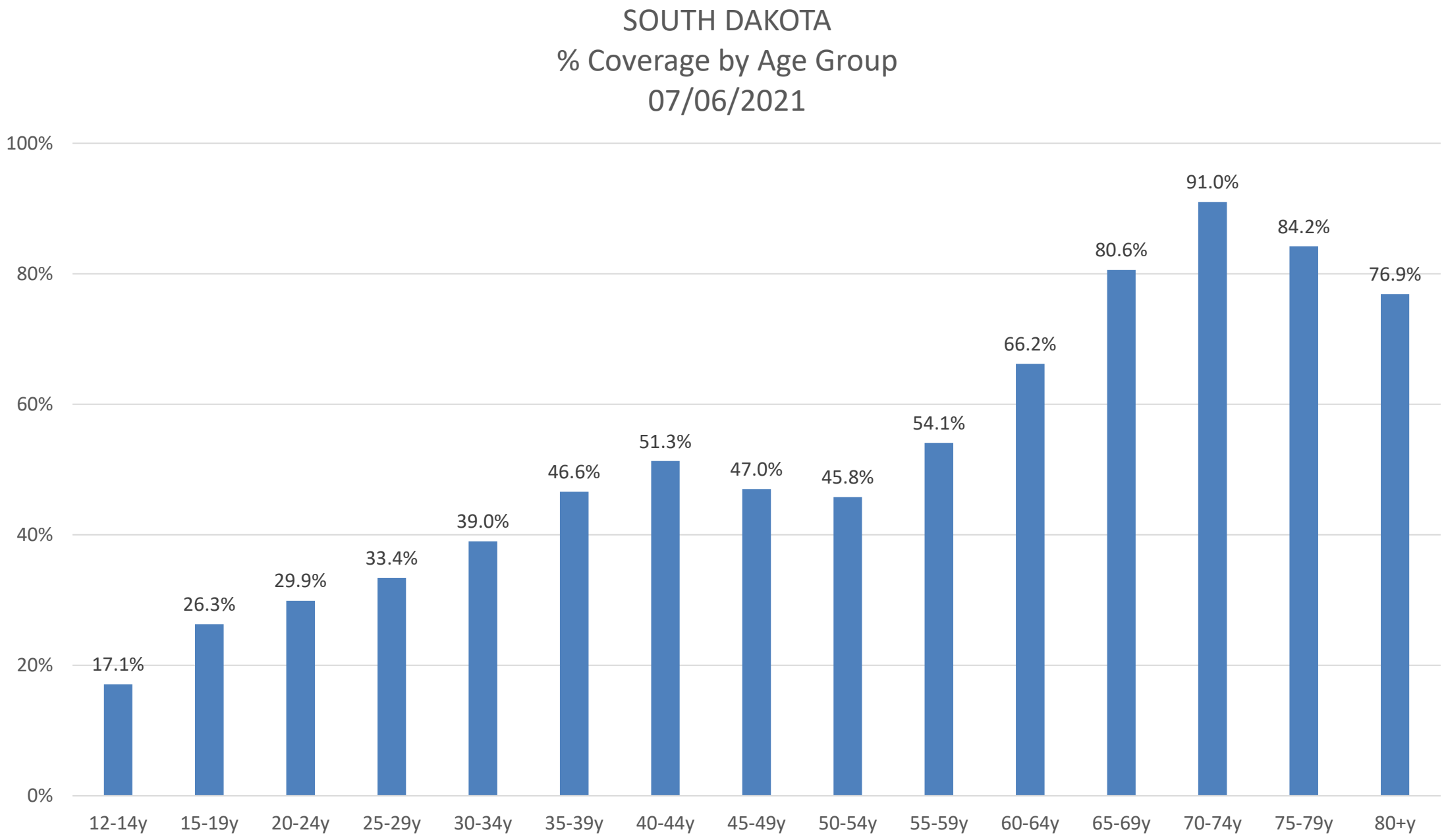
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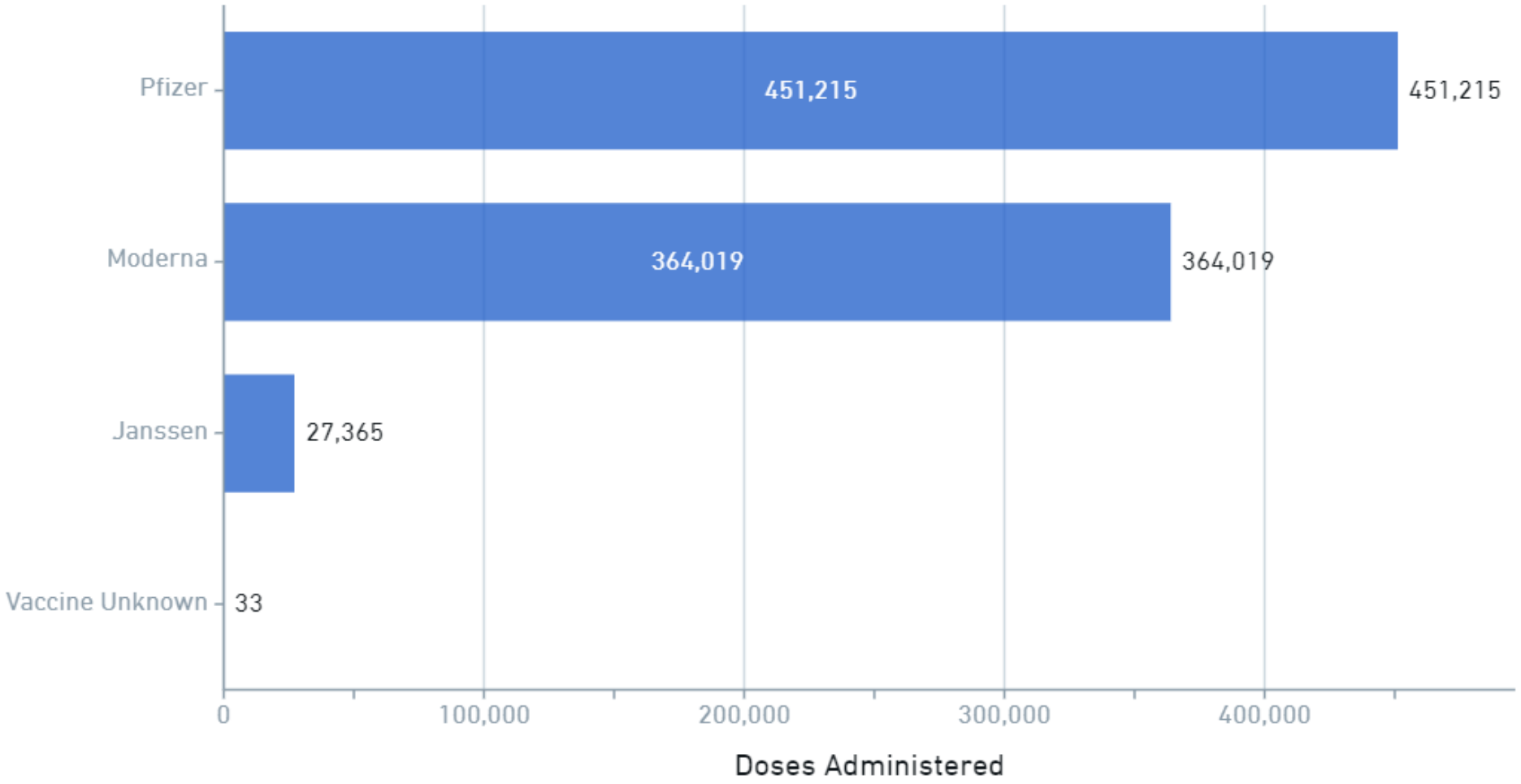
% Coverage by Age Group
07/06/2021
100%
80%
60%
40%
20%
0%
17.1%
26.3%
29.9%
33.4%
39.0%
46.6%
51.3%
47.0%
45.8%
54.1%
66.2%
80.6%
91.0%
84.2%
76.9%
12-14y
15-19y
20-24y
25-29y
30-34y
35-39y
40-44y
45-49y
50-54y
55-59y
60-64y
65-69y
70-74y
75-79y
80+y

Doses Administered by Vaccine



Campus/School Vaccination

- DOH working or process to request on site vaccination
- DOH will have three hospital systems and two pharmacy systems available to provider vaccination services
- Vaccines, administration supplies, and ancillary supplies provide
- Vaccine is free
- Persons under 18 would need parental/guardian consent

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