2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

June 24, 2021

We will begin in just a few moments. Thanks!

Not intended for press or for reporting purposes.
This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of June 23, 2021. Please check the South Dakota Department of Health website for the most current information and guidance.

[COVID.sd.gov](https://COVID.sd.gov)
Agenda

- Situation Update
- Laboratory Guidance
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session
Coronavirus Situation (as of June 23, 2021)

• **International**
  • 178,837,204 confirmed cases
  • 3,880,450 deaths

• **United States** (50 states + DC)
  • 33,382,705 confirmed cases
  • 599,751 deaths

• **South Dakota**
  • 124,468 confirmed and probable cases
  • 2,029 deaths
  • 122,277 recovered cases

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Epidemiologic “Epi” Curve of COVID-19 Cases, by Date Reported to SD-DOH

As of June 23, 2021

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COVID-19 Case Map, by County

As of June 9, 2021

<table>
<thead>
<tr>
<th>Community Spread</th>
<th>Number of Counties</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>33</td>
</tr>
<tr>
<td>Minimal</td>
<td>24</td>
</tr>
<tr>
<td>Moderate</td>
<td>9</td>
</tr>
<tr>
<td>Substantial</td>
<td>0</td>
</tr>
</tbody>
</table>

Not intended for press or for reporting purposes.
SOUTH DAKOTA
% Coverage by Age Group

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General Testing Recommendations

Medical providers are recommended to test individuals (1) identified as a close contact to a person with COVID-19 or (2) signs and symptoms compatible with COVID-19 infection, including:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea


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Reporting COVID-19 Tests to SD-DOH

• **Reminder**: Coronavirus respiratory syndromes are a Category I disease

• Report *immediately* on suspicion of disease

• Reporting mechanisms:
  • Electronic Laboratory Report (ELR) – HL7 message to SD Health Link (health information exchange)
  • Flat file (CSV) – Secure email
  • Disease reporting website – [sd.gov/diseasereport](http://sd.gov/diseasereport)
  • Fax – 605.773.5509

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## Breakthrough, Variant, and Potential Reinfection Cases

<table>
<thead>
<tr>
<th>Breakthrough Cases</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cases</td>
<td>388</td>
</tr>
<tr>
<td>Hospitalized</td>
<td>57</td>
</tr>
<tr>
<td>Died</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Variant Cases</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cases</td>
<td>191</td>
</tr>
<tr>
<td>Hospitalized</td>
<td>5</td>
</tr>
<tr>
<td>Died</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Potential Reinfection</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cases</td>
<td>215</td>
</tr>
<tr>
<td>Hospitalized</td>
<td>26</td>
</tr>
<tr>
<td>Died</td>
<td>9</td>
</tr>
</tbody>
</table>


As of June 23, 2021
COVID-19 Vaccination Coverage and Intent Among Adults Aged 18–39 Years — United States, March–May 2021

https://www.cdc.gov/mmwr/volumes/70/wr/mm7025e2.htm
?s_cid=mm7025e2_x

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<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Total population</th>
<th>Receipt of ≥1 dose*</th>
<th>Total</th>
<th>Pfizer-BioNTech</th>
<th>Moderna</th>
<th>Janssen</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Initiation†</td>
<td>Completion§</td>
<td>Initiation†</td>
</tr>
<tr>
<td>Total</td>
<td>135,968 (100)</td>
<td>22,197 (16.3)</td>
<td>7,154 (5.3)</td>
<td>15,043 (11.1)</td>
<td></td>
<td>3,658 (2.7)</td>
</tr>
<tr>
<td>Age group, yrs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18–24</td>
<td>18,882 (13.9)</td>
<td>1,044 (5.5)</td>
<td>458 (2.4)</td>
<td>586 (3.1)</td>
<td></td>
<td>195 (1.0)</td>
</tr>
<tr>
<td>25–34</td>
<td>83,335 (61.3)</td>
<td>13,478 (16.2)</td>
<td>4,368 (5.2)</td>
<td>9,110 (10.9)</td>
<td></td>
<td>2,203 (2.6)</td>
</tr>
<tr>
<td>35–49</td>
<td>33,751 (24.8)</td>
<td>7,675 (22.7)</td>
<td>2,328 (6.9)</td>
<td>5,347 (15.8)</td>
<td></td>
<td>1,260 (3.7)</td>
</tr>
<tr>
<td>Race and Ethnicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White, NH</td>
<td>46,245 (34.0)</td>
<td>9,105 (19.7)</td>
<td>2,653 (5.7)</td>
<td>6,452 (14.0)</td>
<td></td>
<td>1,456 (3.1)</td>
</tr>
<tr>
<td>Black, NH</td>
<td>10,729 (7.9)</td>
<td>644 (6.0)</td>
<td>242 (2.3)</td>
<td>402 (3.7)</td>
<td></td>
<td>124 (1.2)</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>44,673 (32.9)</td>
<td>5,312 (11.9)</td>
<td>1,893 (4.2)</td>
<td>3,419 (7.7)</td>
<td></td>
<td>804 (1.8)</td>
</tr>
<tr>
<td>Asian, NH</td>
<td>19,597 (14.4)</td>
<td>4,834 (24.7)</td>
<td>1,512 (7.7)</td>
<td>3,322 (17.0)</td>
<td></td>
<td>834 (4.3)</td>
</tr>
<tr>
<td>Other, NH††</td>
<td>6,292 (4.6)</td>
<td>990 (15.7)</td>
<td>350 (5.6)</td>
<td>640 (10.2)</td>
<td></td>
<td>174 (2.8)</td>
</tr>
<tr>
<td>Unknown</td>
<td>8,432 (6.2)</td>
<td>1,312 (15.6)</td>
<td>504 (6.0)</td>
<td>808 (9.6)</td>
<td></td>
<td>266 (3.1)</td>
</tr>
</tbody>
</table>

https://www.cdc.gov/mmwr/volumes/70/wr/mm7024e2.htm?s_cid=mm7024e2_x

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COVID-19 Vaccination Coverage Among Adults — United States, December 14, 2020–May 22, 2021

By May 22, 2021, 57% of people 18 or older in the U.S. had received 1 or more COVID-19 vaccine doses.

Vaccination coverage was:

- Highest among people 65 and older (80%)
- Lowest among people 18–29 (38%)

Improving vaccination coverage, especially among younger people, is critical to reducing COVID-19 cases, hospitalizations, and deaths.

<table>
<thead>
<tr>
<th>% Population Vaccinated in South Dakota</th>
</tr>
</thead>
<tbody>
<tr>
<td>20–29 Years</td>
</tr>
<tr>
<td>65+ Years</td>
</tr>
</tbody>
</table>

https://www.cdc.gov/mmwr/volumes/70/wr/mm7025e1.htm?s_cid=mm7025e1_x

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Cases by Vaccination Status in South Dakota – March 10, 2020 - June 21

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Selected CDC Updates

Available at: https://www.cdc.gov/coronavirus/2019-ncov/whats-new-all.html

Frequently Asked Questions about COVID-19 Vaccination:

COVID-19 Vaccines While Pregnant or Breastfeeding:

Risk for COVID-19 Infection, Hospitalization, and Death By Race/Ethnicity:

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Laboratory Guidance
Abbott BinaxNOW & ID Now Resources

• SDDOH continues to provide Abbott testing resources.

• SDDOH has placed Abbott resources in the following:
  – K-12 schools
  – Colleges and universities
  – Correctional facilities
  – Long-term care facilities
  – Critical access hospitals
  – Residential service providers to vulnerable populations
  – FQHCs and other facilities that serve vulnerable populations

• SDDOH continues to accept requests for Abbott resources. Please contact the SDPHL for details:
  – Laurie.Gregg@state.sd.us

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State-Supplied Collection and Test Kits

- SDDOH and the federal government have placed specimen collection supplies and test kits throughout South Dakota.
- Facilities that no longer have use for state-provided collection supplies and test kits are asked to consider the following:
  - **Test kits:**
    - Unexpired and unopened: Return to SDDOH
    - Unexpired and opened: Do not return to SDDOH; use or destroy
    - Expired and unopened: Do not return to SDDOH; destroy
    - Expired and opened: Do not return to SDDOH; destroy
  - **Surveillance specimen collection kits and other specimen collection materials:**
    - Resources can be repurposed for other testing needs
    - Unopened kits can be returned to SDDOH
- Please contact Laurie.Gregg@state.sd.us with questions.

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SARS-CoV-2 Surveillance and Sequencing

- Monthly SARS-CoV-2 testing in South Dakota continues to decrease significantly.
- Despite the reduction in testing, SDPHL continues to request SARS-CoV-2-positive specimens for variant analysis.
- Continued surveillance is critical to track the spread of SARS-CoV-2 variants including the Delta variant which is projected to become the next dominant variant in the United States.

B.1.617.2 (Pango lineage)


Name (Nextstrain): 20A/S:478K

WHO Label: Delta

First Identified: India

Attributes:
- Increased transmissibility
- Potential reduction in neutralization by some EUA monoclonal antibody treatments
- Potential reduction in neutralization by post-vaccination sera
The SARS-CoV-2 lineage in South Dakota is still B.1.1.7 (UK variant).

B.1.617.2 (Delta variant) is rapidly spreading through HHS Region 8 which includes SD, ND, MT, CO, UT, and WY.

The South Dakota Public Health Laboratory has not detected the Delta Variant to-date.

However, specimen submissions to the SDPHL have decreased significantly.

SDPHL asks that our healthcare partners ensure that residual specimens from individuals that test positive for SARS-CoV-2 are submitted promptly to the SDPHL for sequencing.

If a patient tests positive for SARS-CoV-2 using an antigen test, or any other test that does not require swab collection in VTM, please collect a second swab sample in VTM for sequencing.

This call is not intended for the press or for reporting purposes.
Final month to participate in the Infection Prevention Learning Needs Assessment!

Our goal of 2,000 responses is near. Please help us by promoting this survey to:

* Teachers and Education staff
* Environmental Service and cleaning providers
* EMS, First Responders & Law Enforcement
* Dialysis nursing staff
* Community support staff members

Scan QR Code below for link to survey:

SOUTH DAKOTA Foundation for Medical Care

For everyone that has participated, we appreciate your input!

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Save the Date

October 7-8, 2021

2021 South Dakota Infection Control Conference – Virtual Event

For more information, please visit webpage below!

https://und.edu/conferences/sd-infection-control/

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Community Mitigation

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Dashboard

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Supply Chain Management

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PPE Request Procedure

All requests for PPE from DOH must be:

• Emailed to COVIDResourceRequests@state.sd.us,
• Faxed to 605.773.5942, or
• Called in to 605.773.3048 to ensure prioritization and coordination of requests.

• Do not duplicate your request by using all three means of communication.

• Any requests received through any other email or number will all be directed to email COVIDResourceRequests@state.sd.us OR call 605.773.3048 and requesting entities must provide information regarding their current facility status.

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On-going Communication

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Helpful sources of information:

[covid.sd.gov](http://covid.sd.gov)

[coronavirus.gov](http://coronavirus.gov)

- SD COVID-19 Help Line: 800-997-2880

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Communications

- SD-HAN: sdhan.sd.gov
- Epi Listserv
- Lab Listserv
- HAI Listserv
- OLC Listserv

Visit covid.sd.gov to subscribe

SOUTH DAKOTA COVID-19 INFORMATION LINE
Questions about COVID-19? We’re here to help.
PLEASE CALL 1-800-997-2880

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Questions?

Follow-up after the webinar
COVID Helpline: 800-997-2880
Epidemiology: 605-773-3737
Laboratory: 605-773-3368

COVID.sd.gov

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