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

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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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### Community Spread

| Community Spread | Number of Counties |
|------------------|--------------------|
| None             | 33                 |
| Minimal          | 24                 |
| Moderate         | 9                  |
| Substantial      | 0                  |

As of June 9, 2021

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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

https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html

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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

As of June 23, 2021

| Breakthrough Cases | n  |
|--------------------|----|
| Cases              | 388|
| Hospitalized       | 57 |
| Died               | 12 |

| Variant Cases      | n  |
|--------------------|----|
| Cases              | 191|
| Hospitalized       | 5  |
| Died               | 1  |

| Potential Reinfection | n  |
|-----------------------|----|
| Cases                 | 215|
| Hospitalized          | 26 |
| Died                  | 9  |

COVID-19 Variant Data under *Tables* tab: [https://doh.sd.gov/COVID/Dashboard.aspx](https://doh.sd.gov/COVID/Dashboard.aspx)

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

### Table: Vaccination Status and Intent

| Characteristic                  | Total no.* | % (95% CI) | Vaccinated (N=1,022) | Vaccinated or definitely planning to get vaccinated (N=1,521) | Unsure or probably will get vaccinated (N=562) | Probably or definitely will not get vaccinated (N=643) |
|--------------------------------|------------|------------|----------------------|--------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| **Total**                      | 2,726      | 100 (99.9–100.0) | 34.0 (31.9–36.2)     | 51.8 (49.3–54.4)                                             | 23.2 (21.1–25.4)                             | 24.9 (22.9–27.1)                                 |
| **Education**                  |            |            |                      |                                                              |                                               |                                                  |
| Less than high school          | 200        | 13.1 (11.2–15.2) | 16.2 (11.1–22.5)     | 32.4 (25.0–40.5)                                             | 31.8 (24.4–39.8)                             | 35.8 (27.3–45.1)                                 |
| High school diploma or equivalent | 533      | 28.0 (25.6–30.4) | 23.6 (19.3–28.3)     | 40.7 (35.6–45.9)                                             | 28.5 (24.0–33.3)                             | 30.8 (26.4–35.6)                                 |
| Some college                   | 932        | 28.9 (26.9–30.9) | 33.6 (30.0–37.4)     | 49.9 (46.0–53.8)                                             | 24.6 (21.2–28.4)                             | 25.5 (22.2–29.0)                                 |
| Bachelor's degree or higher (Ref) | 1,061     | 30.0 (28.0–32.1) | 51.8 (48.5–55.2)     | 72.6 (69.4–75.7)                                             | 13.3 (11.1–15.7)                             | 14.1 (11.7–16.8)                                 |
| **Household income, $**        |            |            |                      |                                                              |                                               |                                                  |
| <24,999                        | 420        | 19.1 (16.9–21.4) | 21.0 (16.2–26.3)     | 36.2 (30.0–42.7)                                             | 27.0 (21.8–32.7)                             | 36.8 (30.9–42.9)                                 |
| 25,000–49,999                  | 604        | 22.2 (20.2–24.2) | 28.0 (24.0–32.3)     | 43.8 (39.1–48.7)                                             | 26.3 (21.4–31.7)                             | 29.9 (25.4–34.6)                                 |
| 50,000–74,999                  | 537        | 18.4 (16.7–20.1) | 35.3 (30.4–40.5)     | 50.5 (45.3–55.7)                                             | 24.7 (20.3–29.6)                             | 24.7 (20.3–29.6)                                 |
| ≥75,000 (Ref)                  | 1,165      | 40.3 (38.0–42.7) | 42.9 (39.5–46.4)     | 64.2 (60.9–67.5)                                             | 19.1 (16.3–22.1)                             | 16.7 (14.5–19.1)                                 |

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COVID-19 Vaccination Coverage Among Pregnant Women During Pregnancy — Eight Integrated Health Care Organizations, United States, December 14, 2020–May 8, 2021

| Characteristic | Total population | Receipt of ≥1 dose* | Total | Pfizer-BioNTech | Moderna | Janssen |
|---------------|------------------|---------------------|-------|-----------------|---------|---------|
|               |                  |                     |       | Initiation†     | Completion§ | Initiation† | Completion§ | Initiation† | Completion§ | Initiation† | Completion§ |
| Total         | 135,968 (100)    | 22,197 (16.3)       | 7,154 (5.3) | 15,043 (11.1) |         | 3,658 (2.7) | 8,226 (6.0) |         | 3,496 (2.6) | 5,992 (4.4) | 825 (0.6) |
| Age group, yrs |                  |                     |       |                 |         |         |         |         |         |         |         |
| 18–24         | 18,882 (13.9)    | 1,044 (5.5)         | 458 (2.4)   | 586 (3.1)     |         | 195 (1.0)  | 307 (1.6)   |         | 263 (1.4)  | 240 (1.3)  | 39 (0.2)  |
| 25–34         | 83,335 (61.3)    | 13,478 (16.2)       | 4,368 (5.2)  | 9,110 (10.9)  |         | 2,203 (2.6) | 4,986 (6.0) |         | 2,165 (2.6) | 3,638 (4.4) | 486 (0.6) |
| 35–49         | 33,751 (24.8)    | 7,675 (22.7)        | 2,328 (6.9)  | 5,347 (15.8)  |         | 1,260 (3.7) | 2,933 (8.7) |         | 1,068 (3.2) | 2,114 (6.3) | 300 (0.9) |
| Race and Ethnicity |      |                     |       |                 |         |         |         |         |         |         |         |
| White, NH     | 46,245 (34.0)    | 9,105 (19.7)        | 2,653 (5.7)  | 6,452 (14.0)  |         | 1,456 (3.1) | 3,645 (7.9) |         | 1,197 (2.6) | 2,491 (5.4) | 316 (0.7) |
| Black, NH     | 10,729 (7.9)     | 644 (6.0)           | 242 (2.3)    | 402 (3.7)     |         | 128 (1.2)   | 211 (1.5)   |         | 118 (1.1)   | 161 (1.5)   | 26 (0.2)  |
| Hispanic/Latino| 44,673 (32.9)    | 5,312 (11.9)        | 1,893 (4.2)  | 3,419 (7.7)   |         | 804 (1.8)   | 1,689 (3.8) |         | 1,089 (2.4) | 1,529 (3.4) | 201 (0.4) |
| Asian, NH     | 19,597 (14.4)    | 4,834 (24.7)        | 1,512 (7.7)  | 3,322 (17.0)  |         | 834 (4.3)   | 1,880 (9.6) |         | 678 (3.5)   | 1,252 (6.4) | 190 (1.0) |
| Other, NHT†   | 6,292 (4.6)      | 990 (15.7)          | 350 (5.6)    | 640 (10.2)    |         | 174 (2.8)   | 352 (5.6)   |         | 176 (2.8)   | 243 (3.9)   | 45 (0.7)  |
| Unknown       | 8,432 (6.2)      | 1,312 (15.6)        | 504 (6.0)    | 808 (9.6)     |         | 266 (3.1)   | 445 (5.3)   |         | 238 (2.8)   | 316 (3.7)   | 47 (0.6)  |

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

% Population Vaccinated in South Dakota

| Age Group   | Percentage |
|-------------|------------|
| 20–29 Years | 30.8%      |
| 65+ Years   | 82.2%      |

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:
https://www.cdc.gov/coronavirus/2019-ncov/vaccines/faq.html

COVID-19 Vaccines While Pregnant or Breastfeeding:
https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/pregnancy.html

Risk for COVID-19 Infection, Hospitalization, and Death By Race/Ethnicity:
https://www.cdc.gov/coronavirus/2019-ncov/covid-data/investigations-discovery/hospitalization-death-by-race-ethnicity.html

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Laboratory Guidance

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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:**
    o Unexpired and unopened: Return to SDDOH
    o Unexpired and opened: Do not return to SDDOH; use or destroy
    o Expired and unopened: Do not return to SDDOH; destroy
    o Expired and opened: Do not return to SDDOH; destroy

  − **Surveillance specimen collection kits and other specimen collection materials:**
    o Resources can be repurposed for other testing needs
    o 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)²

Spike Protein Substitutions: T19R, (G142D*), 156del, 157del, R158G, L452R, T478K, D614G, P681R, D950N

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

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COVID Data Tracker

• 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.

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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:

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

This call is not intended for the press or for reporting purposes.
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

This call is not intended for the press or for reporting purposes.
Helpful sources of information:

covid.sd.gov

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

CDC Project Firstline Infection Control Survey. Scan QR Code below

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