2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

November 19, 2020

We will begin in just a few moments. Thanks!
This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of November 18, 2020. 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
• Long Term Care
• Vaccination Update
• Infection Prevention
• Community Mitigation
• Supply Chain Management
• On-going Communications
• Q&A Session
Coronavirus Situation (as of November 18, 2020)

- **International**
  - 55,326,907 confirmed cases
  - 1,333,742 deaths
- **United States** (50 states + DC)
  - 11,300,635 confirmed cases
  - 247,834 deaths
- **South Dakota**
  - 68,671 confirmed and probable cases
  - 674 deaths
  - 48,757 recovered cases
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

As of November 18, 2020
As of November 18, 2020

Substantial Community Spread

Aurora
Beadle
Bennett
Bon Homme
Brookings
Brown
Brule
Buffalo
Butte
Charles Mix
Clark
Clay
Codington
Corson
Custer
Davison
Day
Deuel
Dewey
Douglas
Edmonds
Fall River
Faulk
Grant
Gregory
Hamlin
Hand
Hanson
Hughes
Hutchinson
Hyde
Jackson
Jerauld
Kingsbury
Lake
Lawrence
Lincoln
Lyman
Marshall
McCook
McPherson*
Meade
Mellette
Miner
Minnehaha
Moody
Oglala Lakota
Pennington
Perkins
Potter
Roberts
Sanborn
Spink
Stanley
Sully*
Todd
Tripp
Turner
Union
Walworth
Yankton
Ziebach

*New counties
General Testing Recommendations

Medical providers are recommended to test individuals with 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


As of June 18, 2020
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
Community Use of Cloth Masks to Control the Spread of SARS-CoV-2

- Two stylists worked while symptomatically ill prior to testing positive for SARS-CoV-2. All 139 clients wore masks. Zero of 139 clients developed COVID-19 symptoms and zero of 67 clients who were tested were positive for SARS-CoV-2.

- Secondary transmission reduced by 79% when index case and household members wore masks.

- 70% reduced risk of acquiring infection in a retrospective study based on contact tracing data.

- 70% reduced risk of infection on a US Navel aircraft carrier.

- Absence of infection of infections developing in other passengers aboard flight involving infected passenger.
Considerations for Your Holiday Gatherings

Factors that contribute to the risk of getting and spreading COVID-19 at small in-person gatherings

- Community levels of COVID-19
- Exposure during travel
- Location of gathering (indoor vs outdoor; poor ventilation)
- Duration of gathering
- Number of people and crowding at gathering
- Behaviors of attendees prior to the gathering
- Behaviors of attendees during the gathering

% of Total Cases, Hospitalizations, and Deaths per Age Group

<table>
<thead>
<tr>
<th>Age Group</th>
<th>% of Total Cases</th>
<th>% of Age-Specific Cases Hospitalized</th>
<th>% of Age-Specific Cases Died</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-9 Years</td>
<td>2%</td>
<td>3%</td>
<td>5%</td>
</tr>
<tr>
<td>10-19 Years</td>
<td>12%</td>
<td>15%</td>
<td>18%</td>
</tr>
<tr>
<td>20-29 Years</td>
<td>15%</td>
<td>18%</td>
<td>20%</td>
</tr>
<tr>
<td>30-39 Years</td>
<td>23%</td>
<td>26%</td>
<td>28%</td>
</tr>
<tr>
<td>40-49 Years</td>
<td>25%</td>
<td>28%</td>
<td>30%</td>
</tr>
<tr>
<td>50-59 Years</td>
<td>28%</td>
<td>31%</td>
<td>33%</td>
</tr>
<tr>
<td>60-69 Years</td>
<td>25%</td>
<td>28%</td>
<td>31%</td>
</tr>
<tr>
<td>70-79 Years</td>
<td>18%</td>
<td>21%</td>
<td>24%</td>
</tr>
<tr>
<td>80+ Years</td>
<td>10%</td>
<td>13%</td>
<td>15%</td>
</tr>
</tbody>
</table>

SOUTH DAKOTA DEPARTMENT OF HEALTH
Selected CDC Updates

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


Laboratory Guidance
Statewide Priority Populations for SARS-CoV-2 Testing

It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider.

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Critical infrastructure workers in food manufacturing and agriculture
- Individuals in communal living settings like long-term care facilities
- Underinsured or uninsured individuals
- Low-income individuals or individuals unable to pay for testing
- Homeless individuals
SDPHL COVID-19 Testing Priorities

- **Symptomatic** hospitalized patients
- **Symptomatic** healthcare workers, first responders, and active military
- **Symptomatic** individuals in congregate living settings like LTC facilities
- **Symptomatic** individuals with no way to pay for testing

- **Asymptomatic** participants in state-sponsored sentinel surveillance:
  - Long-term care (staff and residents)
  - K-12 schools (adults)
  - Corrections (inmates and staff)
  - Tribes (tribal members)
Community Testing Opportunities

COVID-19 Drive-Thru Mass Testing Events

Register for a Testing Time

Pre-registration is required to secure a testing time. Testing is FREE.

Registration Instructions | Covid-19 Drive up Testing video

YANKTON - Mall Parking Lot, 2101 Broadway Ave.
November 17 | 12 p.m. – 6 p.m.
November 18 | 8 a.m. – 5 p.m.

RAPID CITY - Pennington County Fairgrounds, 800 San Francisco St.
November 20, 21, & 22 | 8 a.m. – 5 p.m.
November 23 | 8 a.m. – 12 p.m.

CUSTER - Custer Search & Rescue, 1073 Montgomery St.
November 20 | 8 a.m. – 5 p.m.

SPEARFISH - Spearfish High School, 1725 N. Main St.
November 21 & 22 | 8 a.m. – 5 p.m.

REGISTER FOR A TESTING TIME
To broaden the availability of COVID-19 testing in South Dakota, the Department of Health is considering purchase and placement of the QIAGEN SARS-CoV-2 Antigen Test and eHub device.

- QIAreach SARS-CoV-2 antigen test is a rapid diagnostic tests that detects the virus that causes COVID-19
- Upper respiratory specimens collected with a swab and placed in viral transport medium or phosphate buffered saline
- Results are ready in 2-15 minutes
QIAGEN Antigen Testing: Conditions of SD DOH Purchase

• QIAGEN must receive FDA EUA approval for the QIAreach SARS-CoV-2 Antigen Test
• The antigen test must be EUA approved as “waived”
• Nasal specimens need to be recognized as an approved specimen type
• Resources must be made available quickly and in sufficient quantity to meet initial demand
• Resources must be made available for additional monthly purchase to meet on-going demand
QIAGEN Antigen Testing: Result Interpretation

- Like other antigen tests, all QIAGEN antigen test results must be considered in the full context of other clinical and diagnostic information.
  - Negative results mean viral antigen was not detected; for a symptomatic individual in a high-prevalence setting, this may mean a follow-up confirmation test is needed.
  - Positive results mean viral antigen was detected; for an asymptomatic individual in a low prevalence setting, this may mean a follow-up confirmation test is needed.
- CDC continues to provide additional information about antigen tests
  - Antigen tests are a better indicator of “infectiousness” or the ability of an individual to spread virus rather than infection which is an individual’s status as being positive or negative for COVID-19.
QIAGEN Antigen Testing: Priority Groups

SDDOH currently prioritizes the following groups for placement of QIAGEN antigen tests and equipment.

• Health care providers in geographic locations with unmet COVID-19 testing needs
• Federally qualified health centers and other clinics with unmet COVID-19 tests needs that serve rural and/or vulnerable populations
• Front-line medical facilities not covered above
• First responders including law enforcement and EMS providers
• Correctional facilities
• Institutions of higher education
• Commercial food manufacturing, agriculture, and other critical infrastructure

*Groups not listed above will also be considered
QIAGEN Antigen Testing: Participation Requirements

Organizations must meet the following requirements to qualify for placement of the QIAGEN eHub and antigen testing supplies:

- Have an existing **CLIA Certificate of Waiver** or be eligible to obtain a waiver
- Identify an appropriate **location** with your facility to perform testing
- **Train** one or more adults to perform antigen testing using the QIAGEN eHub
- Obtain and appropriately use **personal protective equipment (PPE)**
- Perform testing in strict accordance with the manufacturer’s instructions
- Offer testing at **no cost** to consenting participants
- Appropriately dispose of waste, including soiled PPE
- **Report all antigen test results** to the SDDOH within 24 hours of antigen testing using the confidential disease reporting website or another method approved by the SDDOH
- **Maintain supply inventory** and order more tests from the SDDOH or manufacturer as needed
QIAGEN Antigen Testing: Request to Participate

• Organizations that want to be considered for QIAGEN eHub and antigen test placement must reach out to Laurie.Gregg@state.sd.us or Tim.Southern@state.sd.us by 11/25.

• Organizations that are interested in QIAGEN supplies will be asked to complete and submit a short request form.

• Resources may be limited so please apply as soon as possible for consideration.
Long Term Care
Disease Impact – United States

as of 11.01.20

 Resident Cases and Deaths

TOTAL COVID-19 CONFIRMED CASES
294,438

TOTAL COVID-19 SUSPECTED CASES
156,929

TOTAL COVID-19 DEATHS
65,446

Long Term Care in South Dakota

Nursing Homes and Assisted Living Centers

- Cumulative Total Resident Cases – 1720
- Cumulative Total Resident Active Cases – 986*
- Cumulative Total Resident Deaths – 325
- Cumulative Total LTC Facility with Case – 195
- Current Total of LTC with Case – 142*
- Cumulative Total Case in Staff – 858
- Total Active Cases in Staff – 708*
- Cumulative Total Staff Hospitalized – 22

*Self-reported by touch-base calls as of 11/16/2020 - all data is provisional
Resident Cases and Deaths per 1,000 Residents

Resident Average Cases per 1,000 Residents

States
The **Core Principles of COVID-19 Infection Prevention**

- **Screening** of all who enter the facility for signs and symptoms of COVID-19 (e.g., temperature checks, questions or observations about signs or symptoms), and denial of entry of those with signs or symptoms
- **Hand hygiene** (use of alcohol-based hand rub is preferred)
- **Face covering or mask** (covering mouth and nose)
- **Social distancing** at least six feet between persons
- **Instructional signage** throughout the facility and proper **visitor education** on COVID-19 signs and symptoms, infection control precautions, other applicable facility practices (e.g., use of face covering or mask, specified entries, exits and routes to designated areas, hand hygiene)
- **Cleaning and disinfecting** high frequency touched surfaces in the facility often, and designated visitation areas after each visit
- Appropriate use of **Personal Protective Equipment (PPE)**
- **Effective cohorting** of residents (e.g., separate areas dedicated COVID-19 care)
- **Resident and staff testing** are accessible
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.
Holiday Visitation – During COVID-19 Pandemic

- Focus efforts on encouraging families to keep residents safe during the holidays.
- Educate families on the risk of taking loved ones out of the facility.
- Determine other ways to conduct visitation – virtual, not the same but may keep the resident safe.
- Follow facility policy for visitation to include holiday timeframes.
- Upon the resident’s return place them on observation as if a new admit.
  - The resident is not cohorted with positive or suspected COVID cases.
  - The resident is placed in observation and monitored for COVID signs and symptoms.

With the exception of Memo 20-39, the above are not requirements/rules/regulations and are not in writing. They are recommendations voiced by CMS.
Resources for Long Term Care


- Here is the link to the NH Resource Center: [https://www.cms.gov/nursing-homes](https://www.cms.gov/nursing-homes)

- and the specific link to the training series: [https://qsep.cms.gov/welcome.aspx](https://qsep.cms.gov/welcome.aspx)
Staffing Resource Options

In recognizing the critical role of family members and close friends in the life of residents in LTC and acknowledging the ongoing COVID-19 pandemic, it is strongly recommended LTC facilities develop and implement their response plan to acknowledge and include designated essential caregivers and volunteers.

- **Essential caregiver** is an individual(s) whether family or friend who previously was actively involved with the resident and/or was committed to providing companionship or assisting in the activities of daily living of the resident.

- **Volunteer** may be a member of the community performing other roles to free time for direct care staff.
Vaccination Update
Provider Enrollment

- **Qualtrics** platform is being used for enrollment
  https://dohsd.sjc1.qualtrics.com/jfe/form/SV_eVYZ1lht9aCoHFX

- Provider Agreement

- Provider Profile

- Assigning of Unique Provider COVID Vaccine Number
November 30 Operations Test

- SD in conjunction with OWS and CDC will be conducting and end to end test for COVID19 Vaccine ordering and delivery
- Testing IT infrastructure
- Testing Ordering
- Testing Vaccine Shipping
- Testing Vaccine Receiving
PFIZER

- Final data shows 95% efficacy 162/170
- Safety data threshold reached for EUA application
- No serious safety concerns
- Vaccine storage issues: freezer/refrigerator/shipping container
Moderna

• Current data shows 94.5% Efficacy

• Vaccine storage -15C to -25C up to 6 months, 2C to 8C up to 30 days
LTC and Pharmacies Phase 1B

- CVS/Walgreens currently reviewing LTC preference data
- Will report to CDC on facilities they can vaccinate and those they cannot
- DOH will work with LTC facilities not covered by CVS/Walgreens
Chain Pharmacies Phase 2 and later

National Contracts with:
- Walgreens
- CVS
- Walmart
- Rite Aid
- Kroger
- Publix
- Costco
- Albertson/Safeway
- Hy-Vee
- Meijer
- H-E-B, LP
- Retail Business Services, LLC
- Winn-Dixie Stores Inc.
- Topco
- CPESN
- Good Neighbor Pharmacy
- Health Mart
- Medicine Shoppe
- MHA
Infection Prevention
Flu? COVID-19? BOTH?!

As we enter flu season, be aware of other etiologies or concurrent infections in your residents: Consider using these tools to help decide testing and treatment strategies.

https://www.cdc.gov/flu/professionals/diagnosis/index.htm

**Testing and treatment of influenza when SARS-CoV-2 and influenza viruses are co-circulating**

- **New** Consolidated Clinical Algorithm for Outpatient Clinic or Emergency Department Patients with Acute Respiratory Illness Symptoms (With or Without Fever)
- **New** Clinical Algorithm for Outpatient Clinic or Emergency Department Patients with Acute Respiratory Illness Symptoms (With or Without Fever) Not Requiring Hospital Admission
- **New** Clinical Algorithm for Patients with Acute Respiratory Illness Symptoms Requiring Hospital Admission (With or Without Fever)
- **New** Testing and Management Considerations for Nursing Home Residents
Community Mitigation
Celebrating Thanksgiving

- The safest way to celebrate Thanksgiving this year is to celebrate with people in your household. If you do plan to spend Thanksgiving with people outside your household, take steps to make your celebration safer. [https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/holidays/thanksgiving.html](https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/holidays/thanksgiving.html)

- Shop early to avoid crowded stores and follow these tips to help you stay safe while shopping:

Supply Chain Management
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.
On-going Communication
Helpful sources of information:

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

coronavirus.gov

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

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

Visit covid.sd.gov to subscribe
Questions?

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

COVID.sd.gov
COVIDSD@state.sd.us