2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

March 26, 2020
This is an *emerging, rapidly evolving situation*. Information in this presentation is current as of March 26, 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
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session

Note: Slides and a recording of the presentations will be posted to the website following the webinar.
Coronavirus Situation  (as of March 25, 2020)

- **International**
  - 413,467 confirmed cases
  - 18,433 deaths

- **United States** (50 states + DC)
  - 54,453 confirmed cases in U.S.
  - 737 deaths
  - Community transmission identified in all neighboring states

- **South Dakota**
  - 41 confirmed cases in South Dakota – 6 counties with community spread
  - 1 death
  - 13 recovered
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

As of March 25, 2020
Demographics of COVID-19 Cases

As of March 25, 2020

Sex of COVID-19 Cases
- Female
- Male

Age Groups of COVID-19 Cases

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-19 years</td>
<td>2</td>
</tr>
<tr>
<td>20-29 years</td>
<td>7</td>
</tr>
<tr>
<td>30-39 years</td>
<td>6</td>
</tr>
<tr>
<td>40-49 years</td>
<td>4</td>
</tr>
<tr>
<td>50-59 years</td>
<td>12</td>
</tr>
<tr>
<td>60-69 years</td>
<td>8</td>
</tr>
<tr>
<td>70-79 years</td>
<td>1</td>
</tr>
<tr>
<td>80+ years</td>
<td>1</td>
</tr>
</tbody>
</table>
County of Residence of COVID-19 Cases

As of March 25, 2020
As of March 19, 2020

Individuals Prioritized for Testing at the SD Public Health Laboratory

Hospitalized patients

Healthcare providers

Living, or working in, institutional settings (e.g., long-term care facilities, assisted living centers, etc.)
Laboratory Guidance
Laboratory Testing Updates (3/26)

Priority Populations for SDPHL Testing:
- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Individuals living in institutional settings

Specimen Collection:
- Flocked Swabs
- Viral Transport Media (aka. VTM, UTM, M4)
  - Waiting on CMS approval for use of sterile saline
- Sterile sputum cups
- Category B shipping supplies
Recommended testing:
1. Facilities should screen PUIs for season agents like influenza and RSV
2. SARS-CoV-2 testing
   • Low and Medium Priority: clinical and/or commercial laboratories
   • High Priority: South Dakota Public Health Laboratory

Testing offered by SDPHL
1. SARS-CoV-2 (CDC RT-PCR)
2. Respiratory Pathogen Panel offered as reflex
   • Only for severely ill hospitalized patients that are SARS-CoV-2 negative
Packaging and Shipping

- High-priority specimens should be shipped to SDPHL:
  - As a Category B, Biological Substance
  - On ice pack(s)
  - With an accompanying specimen requisition
    - [https://doh.sd.gov/Lab/assets/MedicalLabServicesFor m.pdf](https://doh.sd.gov/Lab/assets/MedicalLabServicesFor m.pdf)
  - SDPHL courier service
    - 877-434-9366
Infection Prevention
Personal Protective Equipment:

- Respirator or Facemask
- Eye Protection
- Gloves,
- Gown

Interim Infection Prevention and Control Recommendations

• Limit how germs can enter the facility.

• Isolate symptomatic patients as soon as possible.

• Protect healthcare personnel.
  – implement PPE optimization strategies to extend supplies.

Additional Infection Control Discussions

Weekly

- Lab/Infection Control Call
- Long Term Care Call
- EMS Provider Call
Community Mitigation
6 Counties with Community Spread

Level of Community Transmission or Impact of COVID-19 by County, South Dakota

As of March 25, 2020

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Impact Level
- None
- Minimal/Moderate
- Substantial

DAKOTA DEPARTMENT OF HEALTH
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

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
Social Media Messages

• From CDC:
  – Symptoms of COVID-19:  
    https://www.youtube.com/watch?v=oGruT7Fd54E
  – Hand washing tips:  
    https://www.youtube.com/watch?v=d914EnpU4Fo
  – What older adults need to know:  
    https://www.youtube.com/watch?v=TjcoN9Aek24
  – Stop the spread of COVID-19:  
    https://youtu.be/7-lW0s2yJA0 (English)  
    https://youtu.be/JDK2iKtZ_tg (Spanish)
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