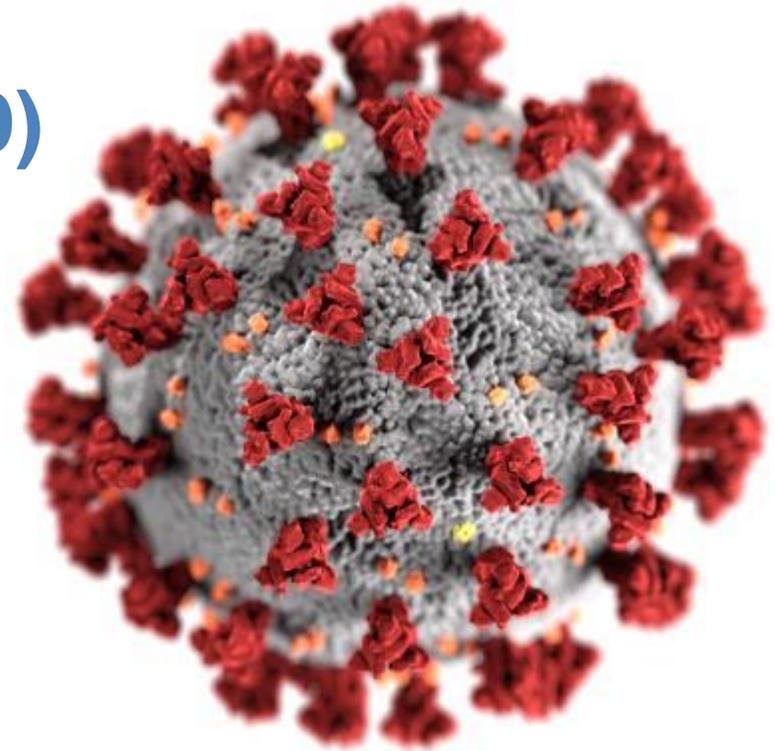


2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

March 19th, 2020



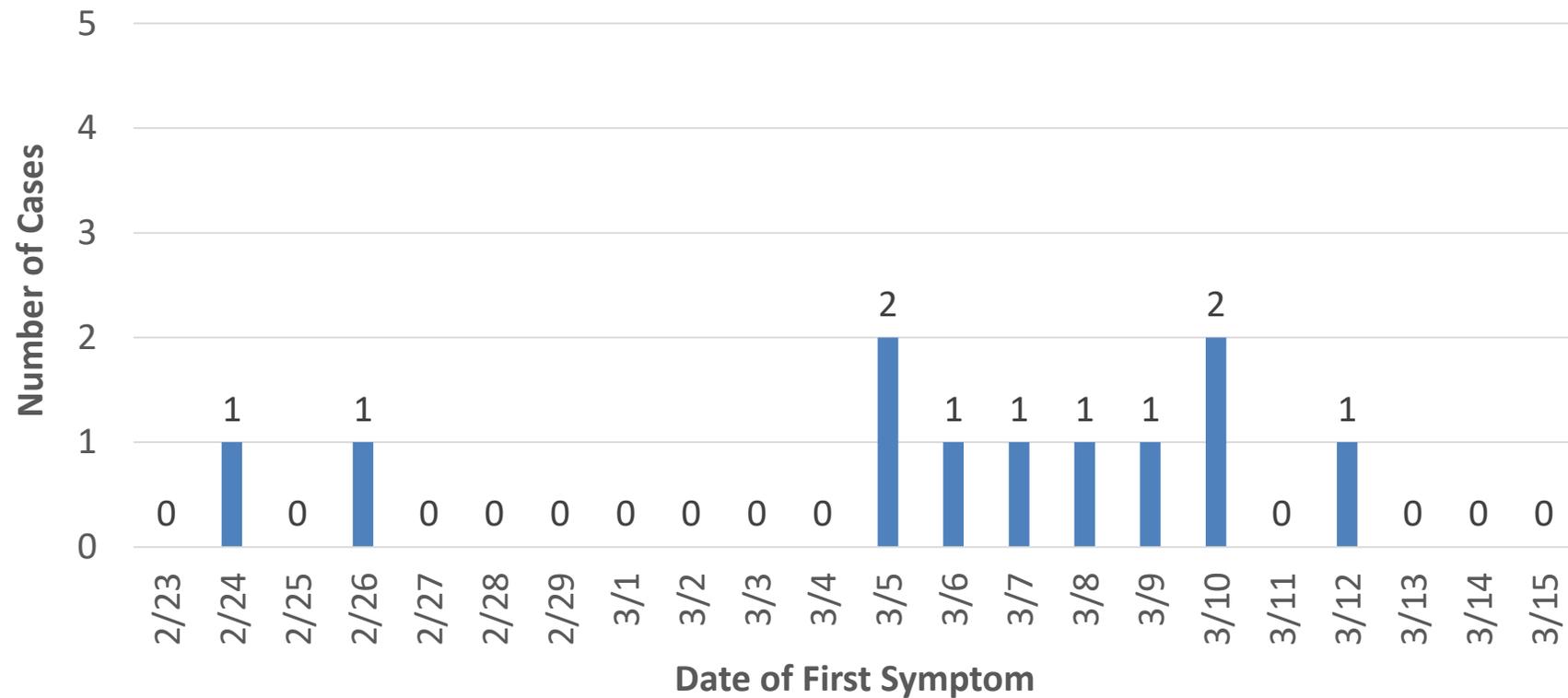
This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of March 18, 2020. Please check the South Dakota Department of Health website for the most current information and guidance.

[COVID.sd.gov](https://www.southdakota.gov/covid-19)

Coronavirus Situation (as of March 18, 2020)

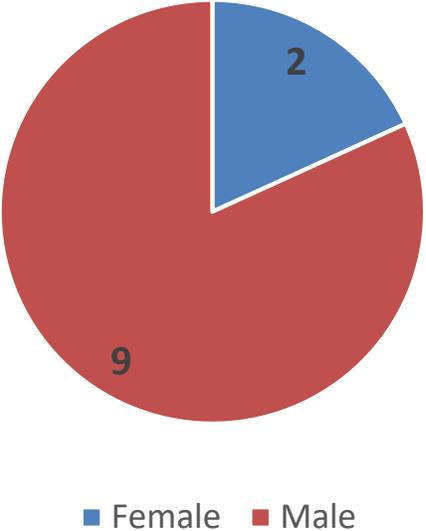
- [International](#)
 - 191,127 confirmed cases
 - 7,807 deaths
- [United States](#) (50 states + DC)
 - 7,038 confirmed cases in U.S.
 - 97 deaths
 - Community transmission identified in neighboring states: Iowa, Minnesota, Nebraska, Wyoming
- [South Dakota](#) (551 total tested)
 - 11 confirmed cases in South Dakota
 - 1 death

Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

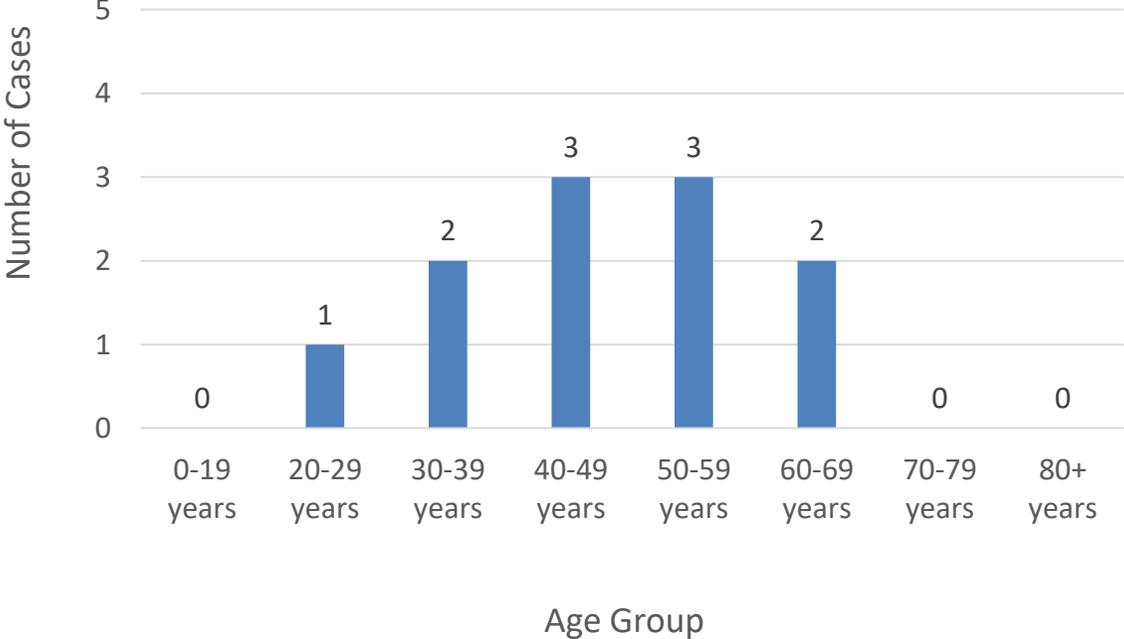


Demographics of COVID-19 Cases

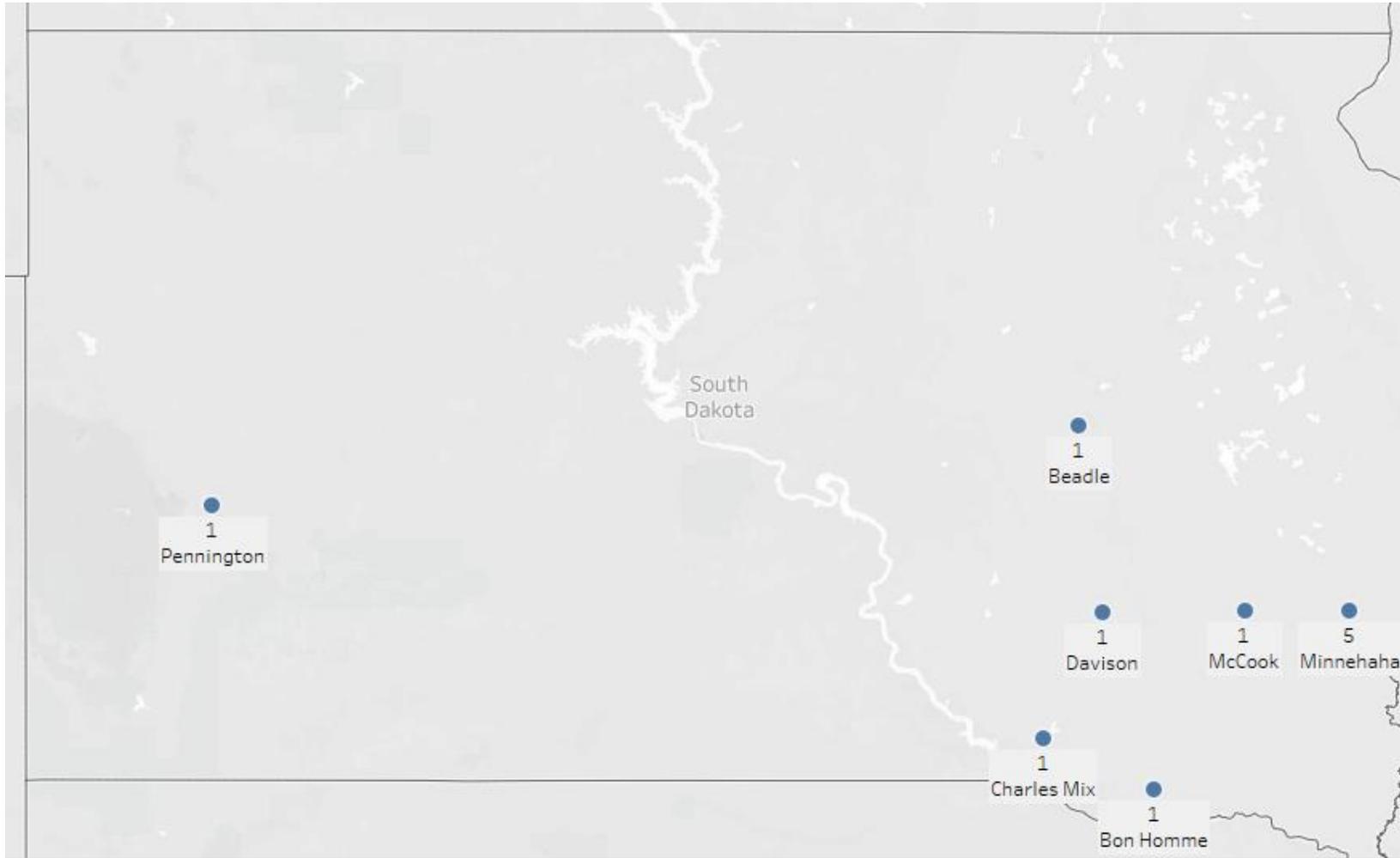
Sex of COVID-19 Cases



Age Groups of COVID-19 Cases



County of Residence of COVID-19 Cases



Individuals Prioritized for Testing at the SD Public Health Laboratory

Hospitalized patients

Healthcare providers

Persons in communal settings (e.g., long-term care facilities, assisted living centers, etc.)

Release from Isolation

Individual had no fever for at least 72 hours (three full days of no fever without the use medicine that reduces fever)

AND

Individual has improvement in respiratory symptoms (for example, when cough or shortness of breath have improved)

AND

At least 7 days have passed since symptoms first appeared

South Dakota Public Health Laboratory



Phone: 605-773-3368

<https://doh.sd.gov/lab/>

Laboratory Testing

- Testing Criteria
 - Hospitalized Patients
 - Healthcare Providers
 - Person in communal living settings (e.g., LTC facilities)
- Use the SARS-CoV-2 Laboratory Requisition and PUI Evaluation Form
- DOH approval NOT needed
- Please exercise stewardship of specimen collection and laboratory resources

03/13/2020 v1.

SARS-CoV-2 Laboratory Requisition and PUI Evaluation Form



South Dakota Public Health Laboratory
615 E. Fourth Street
Pierre, SD 57501
Phone 605-773-3368 Fax 605-773-8201
www.state.sd.us/doh/Lab

Lab Use Only

| | |
|-------------------------------|--|
| Facility _____ Phone # _____ | |
| Address _____ Physician _____ | |
| City _____ | |

| | |
|---|--|
| Patient Information: Patient ID _____ | |
| Patient name: (Last) _____ (First) _____ MI _____ | |
| Patient Address _____ Date of Birth ____/____/____ Sex ____ Race ____ | |
| City _____ State _____ Zip Code _____ Medicaid/Medicare # _____ | |

| | |
|--|---|
| Specimen Collection Date: ____/____/____ | Specimen Source: <input type="checkbox"/> Nasopharyngeal (NP) <input type="checkbox"/> Sputum |
|--|---|

| |
|---|
| Testing Requested: <input type="checkbox"/> SARS-Cov-2 <input type="checkbox"/> Respiratory Panel (for PUIs with moderate to severe symptoms) |
|---|

| | |
|---|--|
| Patient Information: | |
| Date of Onset ____/____/____ | Hospitalized: <input type="checkbox"/> Yes |
| Symptoms: <input type="checkbox"/> Fever, highest: _____ | <input type="checkbox"/> No |
| <input type="checkbox"/> Cough | |
| <input type="checkbox"/> Shortness of Breath | |
| <input type="checkbox"/> Sore Throat | |
| <input type="checkbox"/> Pneumonia | |
| <input type="checkbox"/> ARDS | |
| Is the patient a healthcare worker with known contact to a COVID-19 patient? | |
| <input type="checkbox"/> Yes | |
| <input type="checkbox"/> No | |
| Risk Exposure? <input type="checkbox"/> Close contact with a laboratory confirmed case within past 14 days? | |
| <input type="checkbox"/> History of travel outside South Dakota? | |
| o If YES, which countries/states? _____ | |
| o If YES, date returned to South Dakota? _____ | |
| Pre-Existing medical condition? | |
| <input type="checkbox"/> Heart Disease | <input type="checkbox"/> Diabetes |
| <input type="checkbox"/> Lung Disease | <input type="checkbox"/> Other |
| <input type="checkbox"/> Immunosuppressed | |

***Please attach or include any relevant results. (i.e. influenza, RSV, RPP, etc.)

Asymptomatic Individuals Will NOT Be Tested

Laboratory Testing: Specimen Collection

- Required
 - Nasopharyngeal (NP) swab in viral transport medium or sterile saline
 - 2-3 ml fluid required
 - Insert swab into the nostril, parallel to the palate
 - Leave swab in place for a few seconds
 - Swab both nostrils with the same swab
- Optional
 - Sputum (if patient is producing)
 - **Only tested for patients if severe disease/pneumonia**

Laboratory Testing

- Specimen Testing
 - COVID-19 PUIs must be tested for:
 - Common respiratory pathogens (e.g. Influenza, RSV)
 - SARS-CoV-2
 - Testing offered by SDPHL
 - Respiratory Pathogens Panel
 - **SARS-CoV-2: ANTICIPATED SUPPLY ARRIVAL SOON**
 - These tests will be offered at no charge

Laboratory Testing: Packing/Shipping

- Specimens for SARS-CoV-2 should be shipped to SDPHL:
 - As a Category B, Biological Substance
 - On ice packs
 - With an accompanying specimen requisition
 - <https://doh.sd.gov/Lab/assets/MedicalLabServicesForm.pdf>
- SDPHL courier service (877-434-9366)

03/13/2020 v1.

SARS-CoV-2 Laboratory Requisition and
PUI Evaluation Form

 South Dakota Public Health Laboratory
615 E. Fourth Street
Pierre, SD 57501
Phone 605-773-3368 Fax 605-773-8201
www.state.sd.us/doh/Lab

Lab Use Only

Facility _____ Phone # _____
Address _____ Physician _____
City _____

Patient Information: Patient ID _____
Patient name: (Last) _____ (First) _____ MI _____
Patient Address _____ Date of Birth ____/____/____ Sex ____ Race ____
City _____ State _____ Zip Code _____ Medicaid/Medicare # _____

Specimen Collection Date: ____/____/____ Specimen Source: Nasopharyngeal (NP) Sputum

Testing Requested: SARS-Cov-2 Respiratory Panel (for PUIs with moderate to severe symptoms)

Patient Information:
Date of Onset ____/____/____ Hospitalized: Yes
Symptoms: Fever, highest: _____ No
 Cough
 Shortness of Breath
 Sore Throat
 Pneumonia
 ARDS

Is the patient a healthcare worker with known contact to a COVID-19 patient?
 Yes
 No

Risk Exposure? Close contact with a laboratory confirmed case within past 14 days?
 History of travel outside South Dakota?
o If YES, which countries/states? _____
o If YES, date returned to South Dakota? _____

Pre-Existing medical condition?
 Heart Disease Diabetes
 Lung Disease Other
 Immunosuppressed

***Please attach or include any relevant results. (i.e. influenza, RSV, RPP, etc.)

Asymptomatic Individuals Will NOT Be Tested

Laboratory Testing: Test Results

- Results from SARS-CoV-2 testing will be:
 - Positive
 - Not Detected
 - Inconclusive
 - Invalid
- Positive results will be called to submitting laboratory
- Official reports will be faxed to submitting laboratory

Laboratory Testing

The screenshot shows the website for the State of South Dakota Department of Health, specifically the Medical Microbiology section of the State Public Health Laboratory. The header includes the department logo, the name of the Secretary of Health, and social media icons. A navigation menu lists various categories like A-Z Topics, News, and Local Offices. The main content area is titled 'MEDICAL MICROBIOLOGY' and features a sidebar with expandable sections for Environmental, Forensic, Medical-Microbiology (selected), Courier, Rabies, Resources, and Links. The main content lists various services and resources, including a list of 'RESOURCES' and 'PUBLICATIONS' with sub-sections for 'Archived Lab Alerts'. A footer note provides contact information for Dr. Tim Southern, Laboratory Director.

WEBSITE OF THE STATE OF SOUTH DAKOTA DEPARTMENT OF HEALTH
Kim Malsam-Rysdon, Secretary of Health

SUBSCRIBE TO LISTSERV CONTACT US Google

A-Z TOPICS NEWS LOCAL OFFICES LICENSING BOARDS EVENT CALENDAR RESOURCES & PUBLICATIONS FAQs

HOME ► STATE PUBLIC HEALTH LABORATORY ► MEDICAL-MICROBIOLOGY

STATE PUBLIC HEALTH LABORATORY

Collapse All | Expand All

- + Environmental
- Forensic
- Medical-Microbiology
- Courier
- Rabies
- + Resources
- Links

MEDICAL MICROBIOLOGY

- Bacteriology / Mycology / Parasitology
- Mycobacteriology
- Blood Lead
- Serology
- Virology
- Special Pathogens

RESOURCES

- 2019 Packaging and Shipping Registration
- Medical Testing Procedure Manual
- Laboratory Test Menu
- Laboratory Specimen Requisition Form
- Influenza Sample Submission Form
- Submit Human Specimens for West Nile Virus
- Submit Animal Specimens for Rabies Testing
- Order Medical Shipping Supplies
- CLIA Certificate
- Test Quick Reference
- Zika-Dengue Fact Sheet

PUBLICATIONS

Archived Lab Alerts

- Novel Coronavirus Testing Offered at the South Dakota Public Health Lab - Feb. 28, 2020
- Updated Guidance for 2019 Coronavirus Disease (COVID-19) - Feb. 18, 2020
- Updated Guidance for Novel Coronavirus (2019-nCoV) - Jan. 24, 2020
- Changes to Chlamydia and Gonorrhea Testing
- Revised Medical Microbiology Fee Schedule
- New Method for Norovirus Detection
- Changes to Viral Serologic Testing
- Viral Cultures to be Discontinued
- Implementation of Viral Molecular Panels
- Virology Program Letter

For More Information Contact Dr. Tim Southern, Laboratory Director

RESOURCES

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<https://doh.sd.gov/lab/medical-microbiology/>

Laboratory Testing

WEBSITE OF THE STATE OF SOUTH DAKOTA DEPARTMENT OF HEALTH
Kim Malsam-Rysdon, Secretary of Health

SUBSCRIBE TO LISTSERV CONTACT US

A-Z TOPICS NEWS LOCAL OFFICES LICENSING BOARDS EVENT CALENDAR RESOURCES & PUBLICATIONS FAQs

HOME

STATE PUBLIC HEALTH LABORATORY

Collapse All | Expand All

- Environmental
- Forensic
- Medical-Microbiology
- Courier
- Rabies
- Resources
- Links

STATE PUBLIC HEALTH LABORATORY

The State Public Health Laboratory provides environmental health, forensic chemistry and medical microbiology testing.

Contacts
Dr. Tim Southern, Laboratory Director
Stacy Eilwanger, Environmental Health Supervisor
615 East 4th St.
Pierre, SD 57501-1700
Phone — 605-773-3368 or 1-800-738-2301
Fax — 605-773-6129

Make Lab Payment
Only Visa and Mastercard payments are accepted

Account credits will be refunded after 90 days of no activity on the account.

Subscribe to the South Dakota Public Health Laboratory Listserv

South Dakota Public Health Laboratory Listserv

LISTSERV

Subscription Management
Subscribe, unsubscribe or change your subscription settings

SDLABLIST@LISTSERV.SD.GOV

This screen allows you to subscribe or unsubscribe to the SDLABLIST list. To confirm your identity and prevent third parties from subscribing you to a list against your will, an email message with a confirmation link will be sent to your address. Simply wait for this message to arrive, then follow the instructions to confirm the subscription. Alternatively, you can update your subscription settings interactively by logging in with your LISTSERV password.

List Name: SDLABLIST South Dakota Lab List

Name:

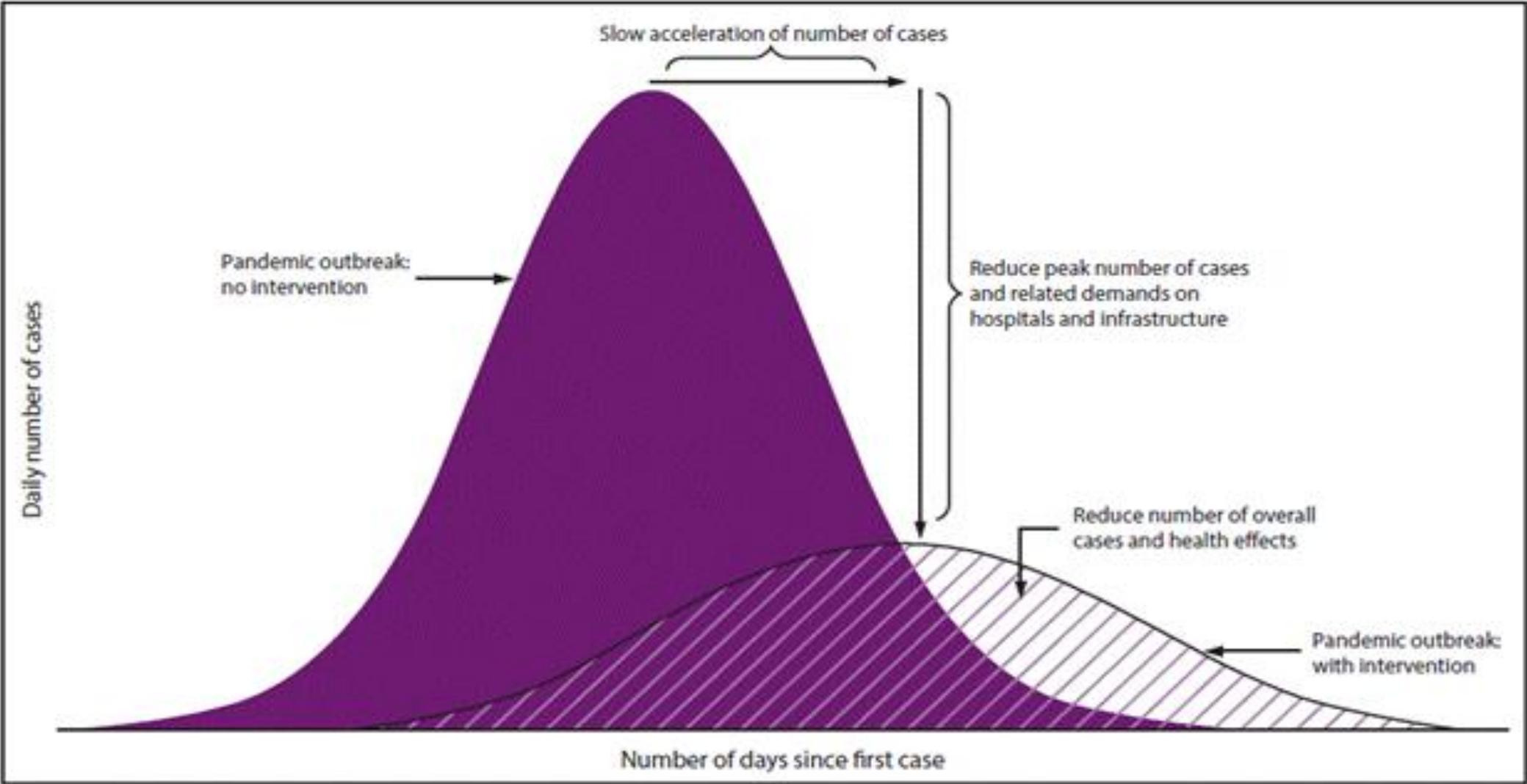
Email Address:

Subscription Type:
 Regular
 Digest (Traditional)

[NODIGEST]
[NOMIME DIGEST]

Subscribe Unsubscribe
Unsubscribe (All Lists)

Blunt the Curve using Community Mitigation



Community Mitigation

- Social distancing: keeping ~6 feet away from other individuals
- Self-monitoring for COVID-19 symptoms for travelers and close contacts to cases
- Use of telehealth and other strategies to minimize contact with individuals who are ill
- Closures/cancellations of workplaces, schools, events, other venues, etc.

“Don’t let the illness spread beyond you.” - Dr. Nancy Messonnier, CDC

Community Mitigation - Thresholds

- Actions depend on community spread
- Community spread: cases not related to travel or known cases
- See CDC Guidance: <https://www.cdc.gov/coronavirus/2019-ncov/downloads/community-mitigation-strategy.pdf>
- Thresholds:
 - None: no cases of community spread in county
 - Minimal to moderate: 1 to 4 cases of community spread in county
 - Substantial: 5+ cases of community spread in county
- Map of SD counties on COVID.sd.gov
- Still need to take community mitigation actions

No Community Spread in SD

As of March 19, 2020



Impact Level

- None
- Minimal/Moderate
- Substantial

County: Union
Level: None

15 DAYS TO SLOW THE SPREAD

Listen to and follow the directions of your **STATE AND LOCAL AUTHORITIES**.

IF YOU FEEL SICK, stay home. Do not go to work. Contact your medical provider.

IF YOUR CHILDREN ARE SICK, keep them at home. Do not send them to school. Contact your medical provider.

IF SOMEONE IN YOUR HOUSEHOLD HAS TESTED POSITIVE for the coronavirus, keep the entire household at home. Do not go to work. Do not go to school. Contact your medical provider.

IF YOU ARE AN OLDER PERSON, stay home and away from other people.

IF YOU ARE A PERSON WITH A SERIOUS UNDERLYING HEALTH CONDITION that can put you at increased risk (for example, a condition that impairs your lung or heart function or weakens your immune system), stay home and away from other people.



Helpful sources of information:

covid.sd.gov

coronavirus.gov

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

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



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**



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-IW0s2yJA0> (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](https://www.southdakota.gov/covid)

COVIDSD@state.sd.us