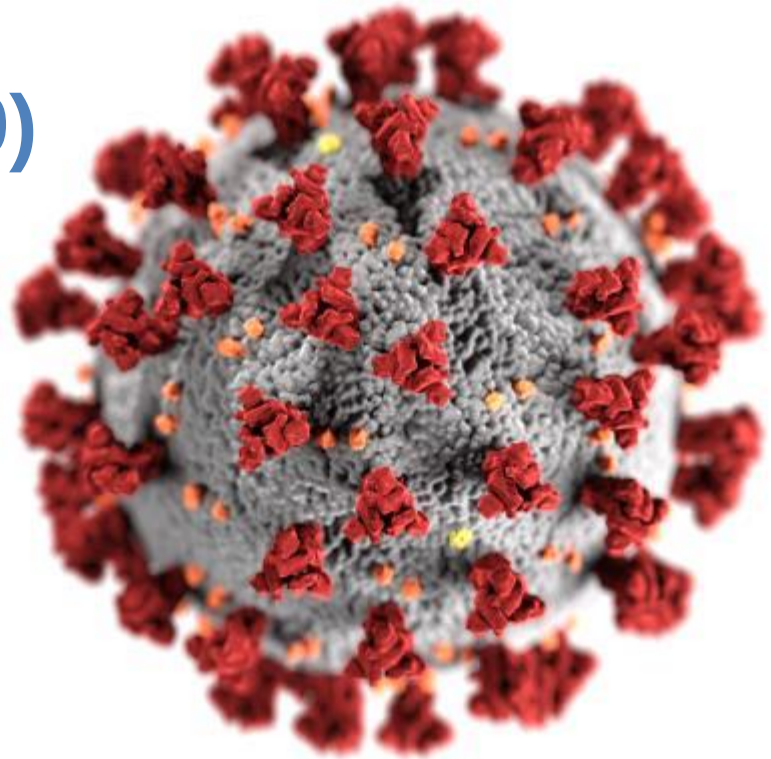
2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

March 26, 2020



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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

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

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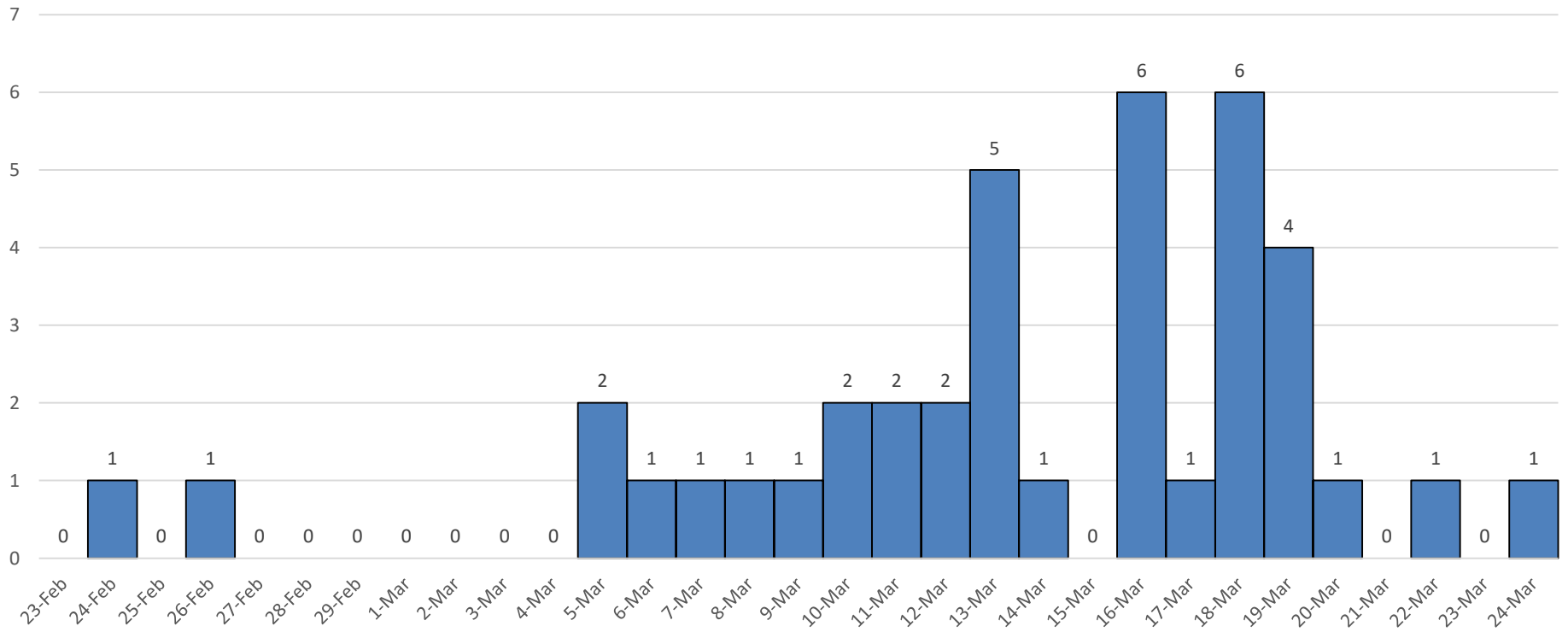
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date



As of March 25, 2020

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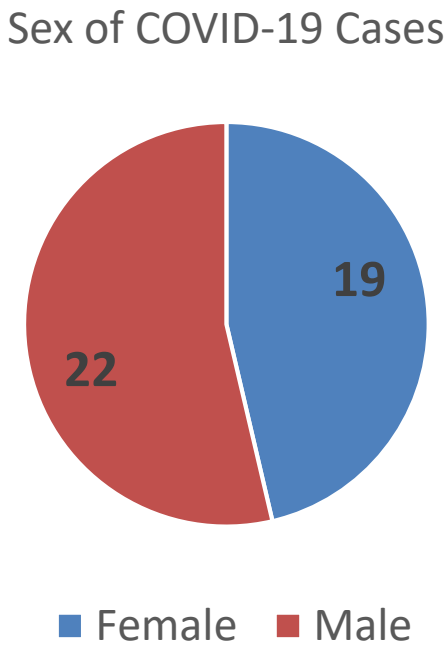
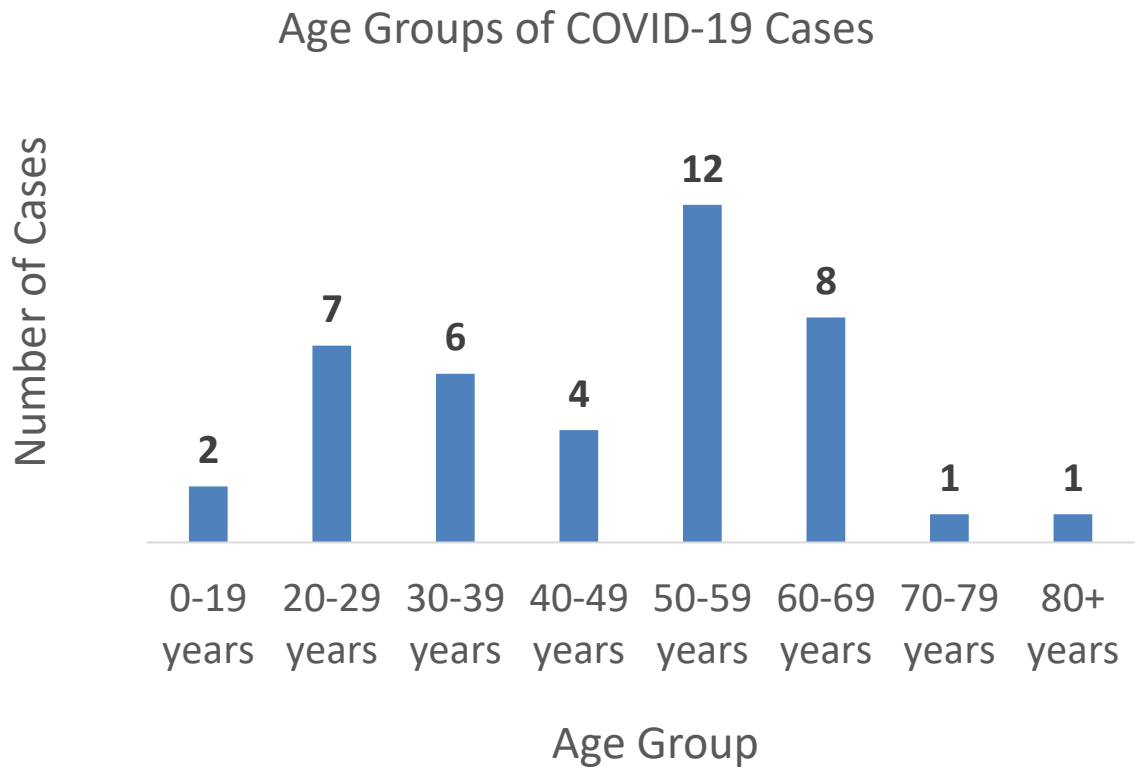
As of March 25, 2020

Demographics of COVID-19 Cases





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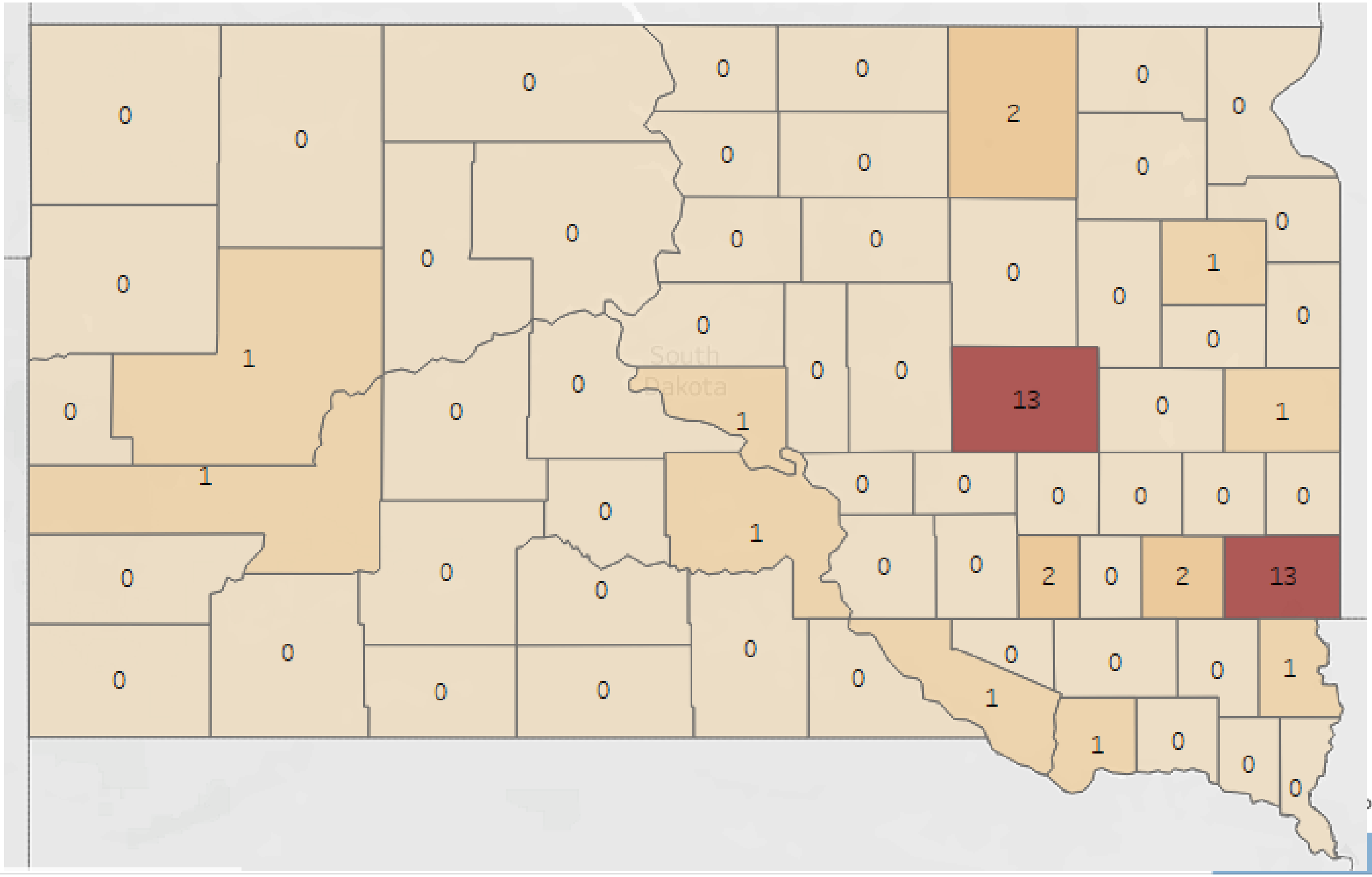
As of March 25, 2020

County of Residence of COVID-19 Cases



EPARTMENT OF HEALTH

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.)

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Laboratory Guidance

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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

Laboratory Testing Updates (3/26)

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

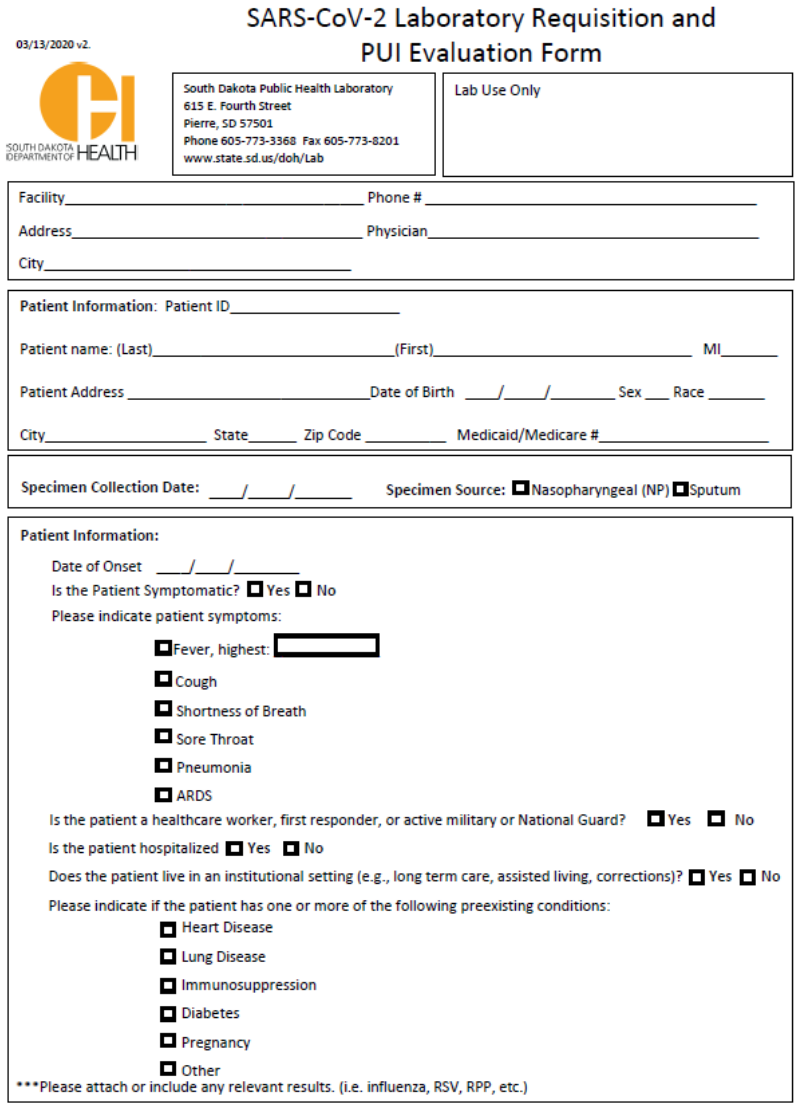
Testing offered by SDPHL

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

Laboratory Testing Updates (3/26)

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/MedicalLabServicesForm.pdf
  - SDPHL courier service
    - 877-434-9366



03/13/2020 v2.

SARS-CoV-2 Laboratory Requisition and PUI Evaluation Form

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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

Patient Information:

Date of Onset ____/____/_____
Is the Patient Symptomatic? ☐ Yes ☐ No
Please indicate patient symptoms:
☐ Fever, highest: ☐
☐ Cough
☐ Shortness of Breath
☐ Sore Throat
☐ Pneumonia
☐ ARDS
Is the patient a healthcare worker, first responder, or active military or National Guard? ☐ Yes ☐ No
Is the patient hospitalized ☐ Yes ☐ No
Does the patient live in an institutional setting (e.g., long term care, assisted living, corrections)? ☐ Yes ☐ No
Please indicate if the patient has one or more of the following preexisting conditions:
☐ Heart Disease
☐ Lung Disease
☐ Immunosuppression
☐ Diabetes
☐ Pregnancy
☐ Other
***Please attach or include any relevant results. (i.e. influenza, RSV, RPP, etc.)

Asymptomatic Individuals Will NOT Be Tested

Infection Prevention

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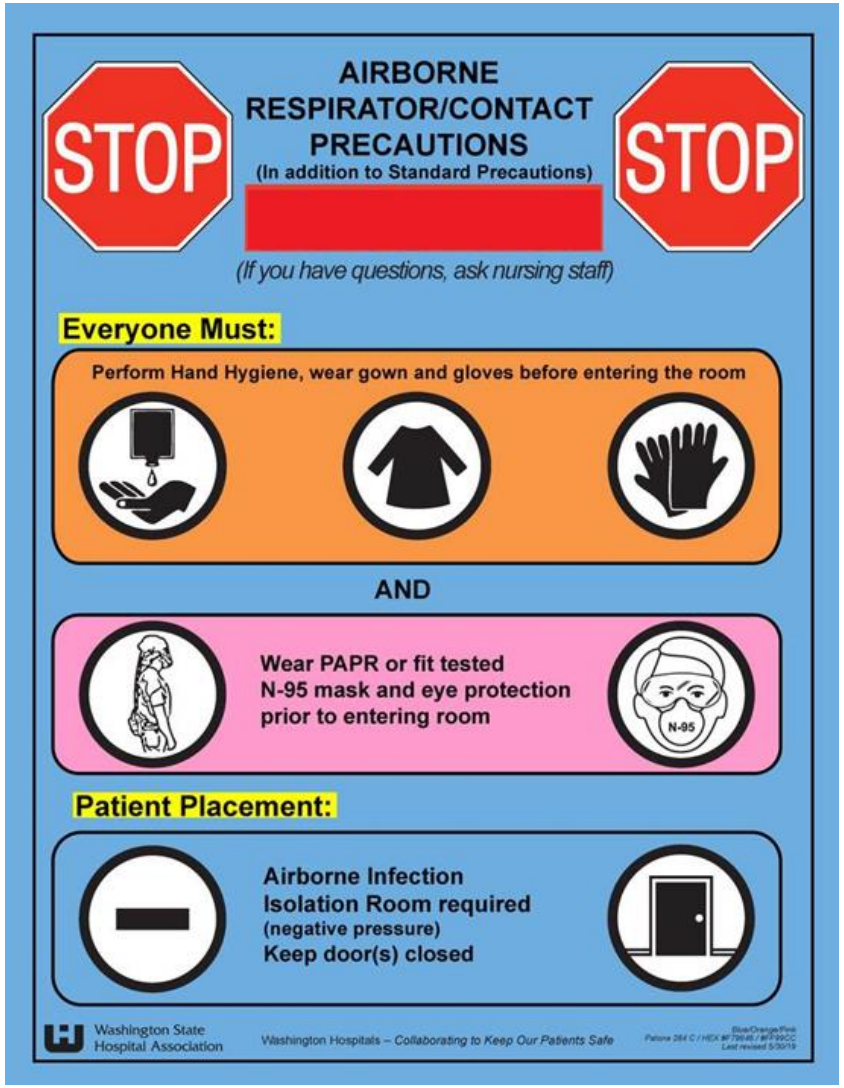
Personal Protective Equipment:

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



https://washington-state-hospital-association.myshopify.com/collections/isolation-precautions/products/isolation-precautions-signage-airborne-respirator-contact-precautions

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.

https://www.cdc.gov/coronavirus/2019-ncov/infection-control/control-recommendations.html

Additional Infection Control Discussions

Weekly

- Lab/Infection Control Call
- Long Term Care Call
- EMS Provider Call

Community Mitigation

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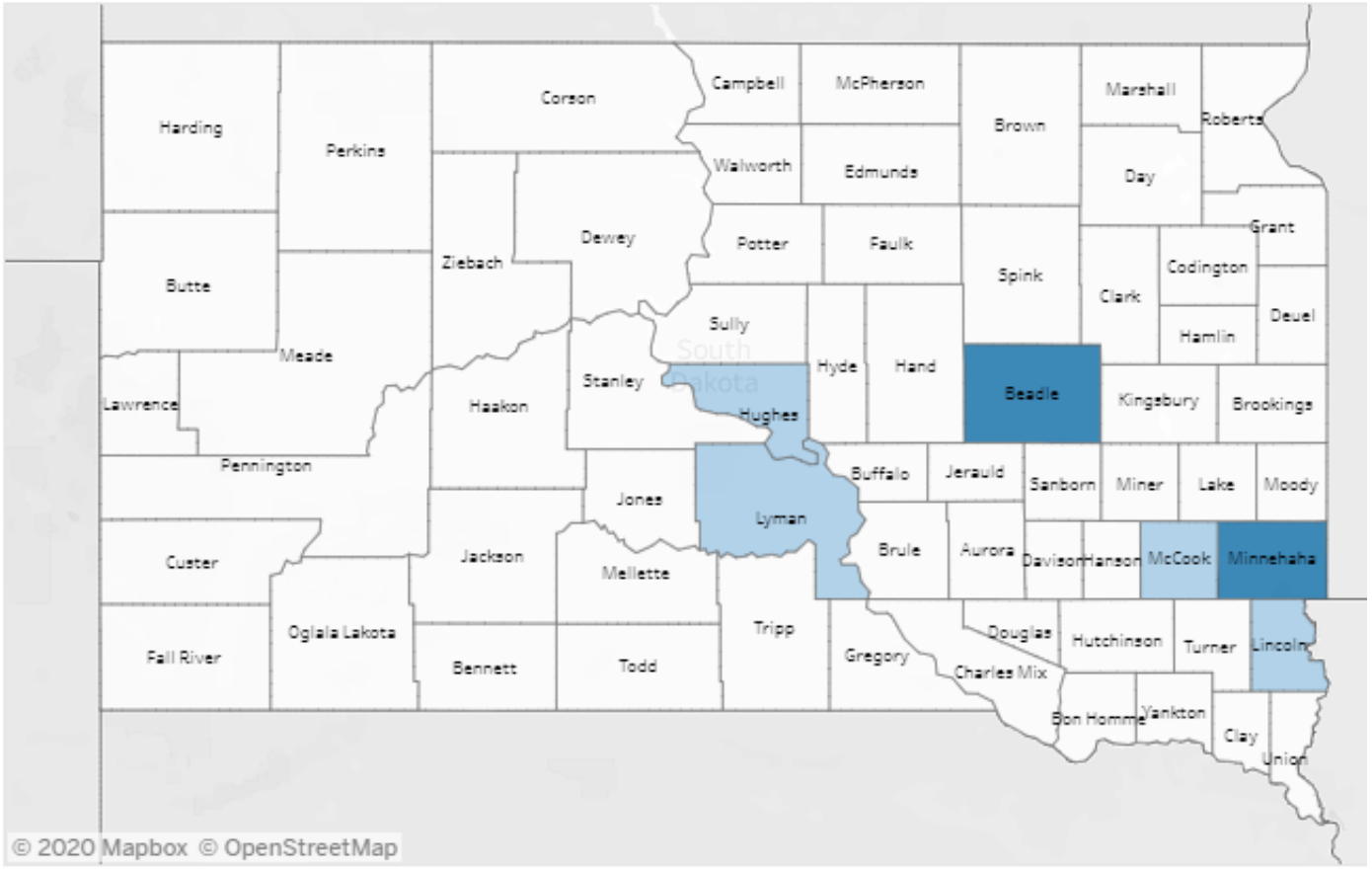
6 Counties with Community Spread

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



Impact Level

- None
- Minimal/Moderate
- Substantial

As of March 25, 2020

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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.

On-going Communication

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

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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

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