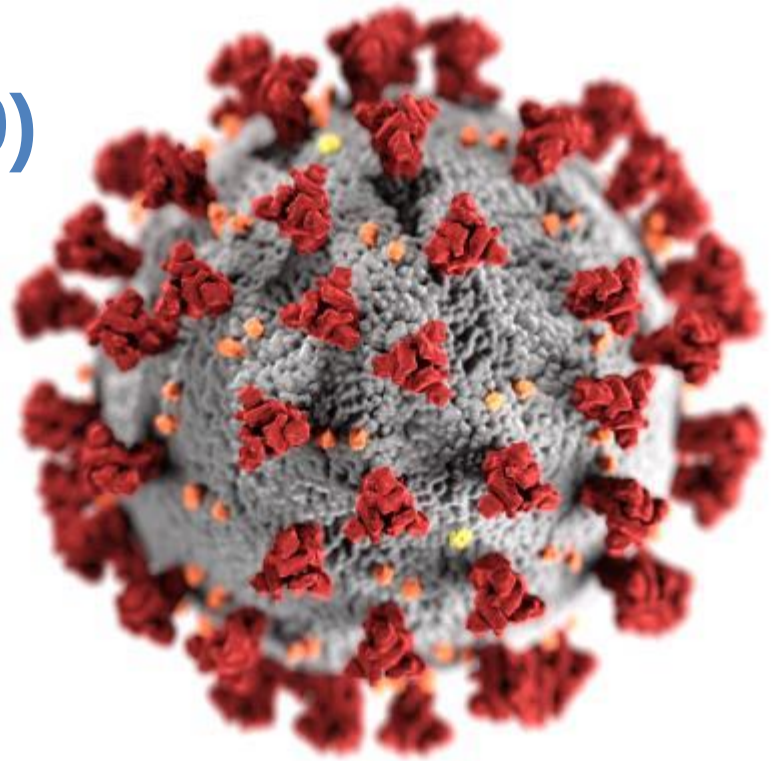
2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

April 2, 2020



We will begin in just a few moments. Thanks!

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This is an **emerging, rapidly evolving situation.** Information in this presentation is current as of April 2, 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 April 1, 2020)

- International
  - 823,626 confirmed cases
  - 40,598 deaths
- United States (50 states + DC)
  - 186,101 confirmed cases in U.S.
  - 3,603 deaths
  - Community transmission identified in all neighboring states
- South Dakota
  - 129 confirmed cases in South Dakota – 15 counties with community spread
  - 2 death
  - 51 recovered

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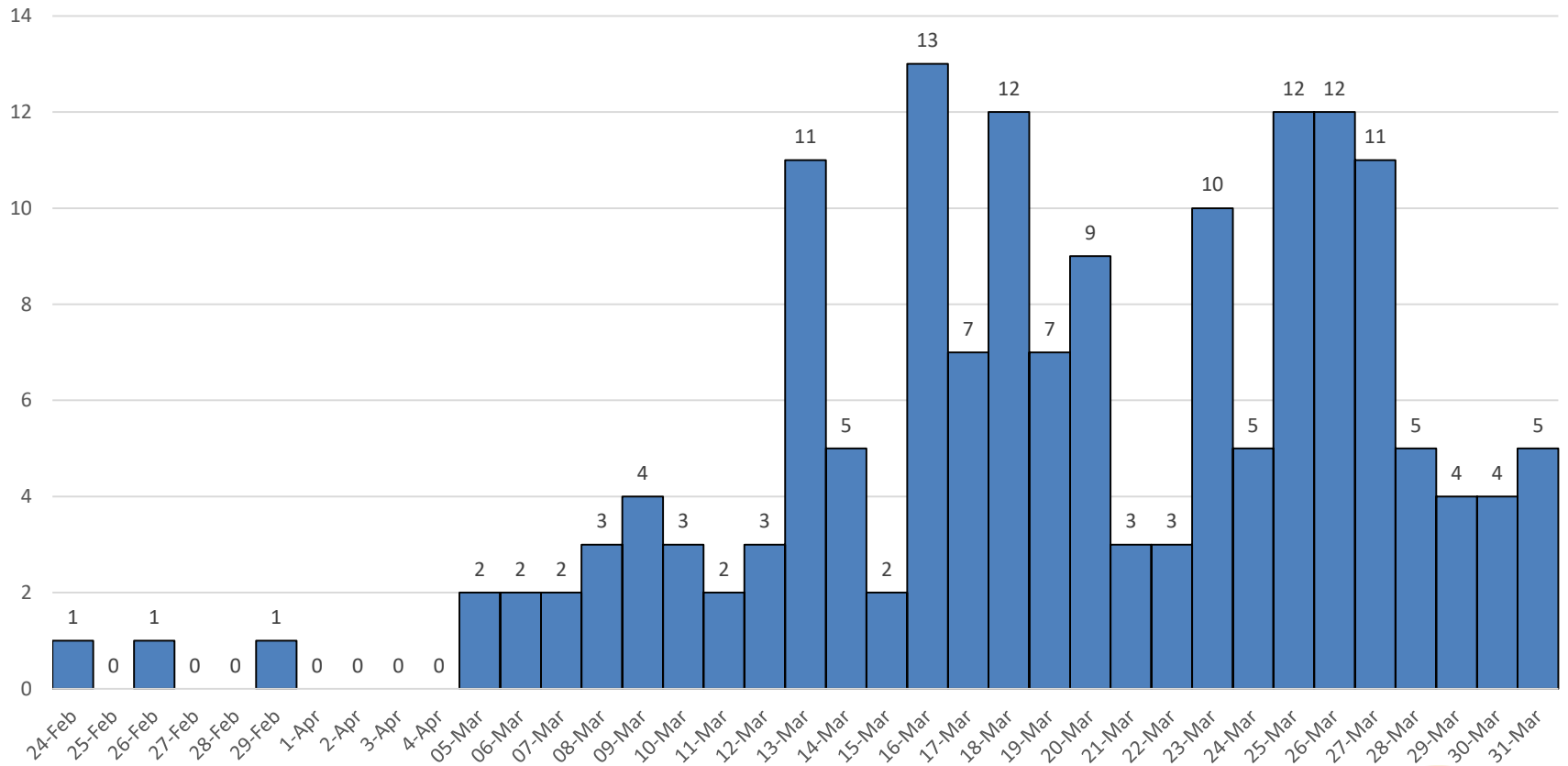
Epidemiologic "Epi" Curve of COVID-19 Cases, by Onset Date



As of April 2, 2020

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Last Updated: 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 (4/2)

Priority Populations for SDPHL Testing:

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Individuals living in communal settings

Specimen Collection Supplies:

- Flocked Swabs (limited availability at the SDPHL)
- Foam Swabs (not currently available at the SDPHL)
- Viral Transport Media (limited availability at the SDPHL)
- Homemade VTM, PBS, and Sterile Saline: **STUDIES PENDING**
- Sterile sputum cups (limited availability at the SDPHL)
- Category B shipping supplies (limited availability at the SDPHL)

Laboratory Testing Updates (4/2)

CDC Interim Guidance: Updated Specimen Collection Guidance

- PREFERRED: Nasopharyngeal Swab in Viral Transport Medium
- ACCEPTABLE: Oropharyngeal Swab in Viral Transport Medium
- ACCEPTABLE: Midturbinate Swab in Viral Transport Medium
- ACCEPTABLE: Nasal Swab in Viral Transport Medium
- If commercially prepared VTM is not available, CDC provides a method for laboratories to make their own VTM
- SDPHL is currently verifying the CDC homemade VTM recipe as well as sterile PBS and sterile saline for specimen transport

Laboratory Testing Updates (4/2)

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

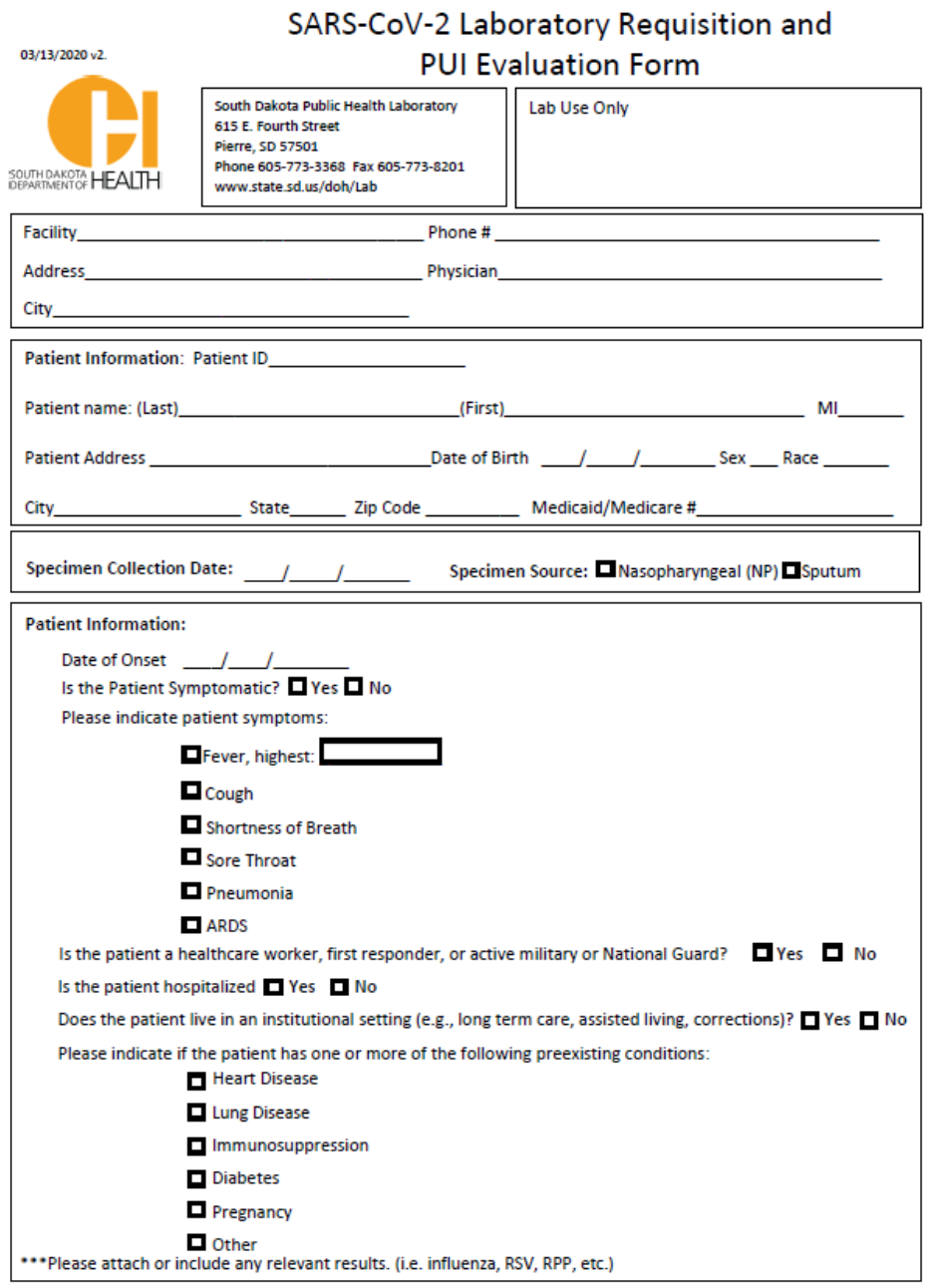
Laboratory Testing Updates (4/2)

Recommendations:

- Facility and patient information is required
- Symptoms must be indicated or the patient will be considered asymptomatic and testing will not be performed
- Please attach relevant test results (e.g., influenza, RSV rapid test results)

Form Updates

- Form will be updated in the coming week to include oropharyngeal, midturbinate, and nasal specimens



03/13/2020 v2.

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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

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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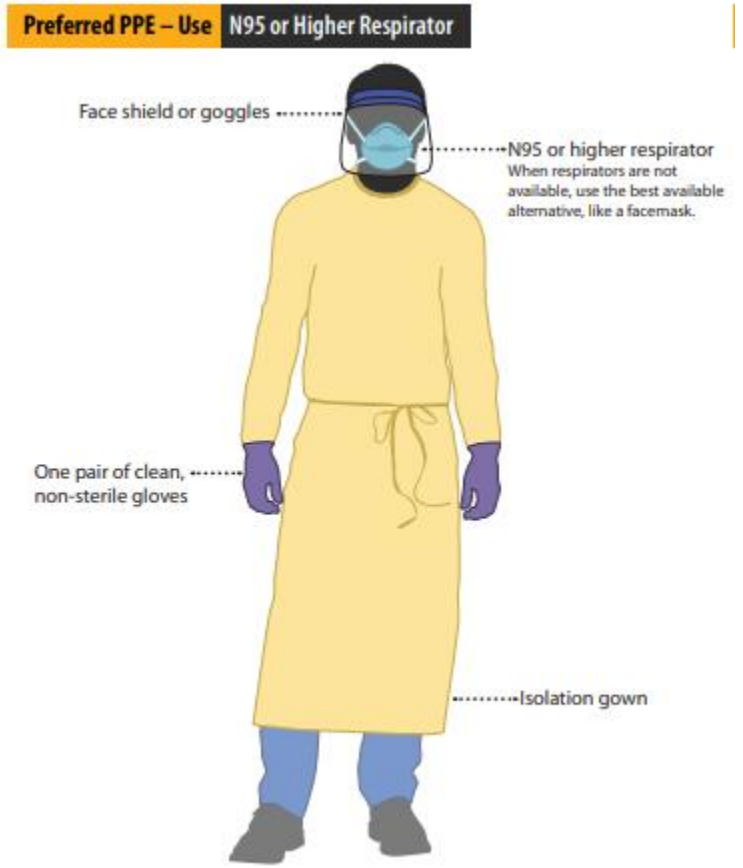
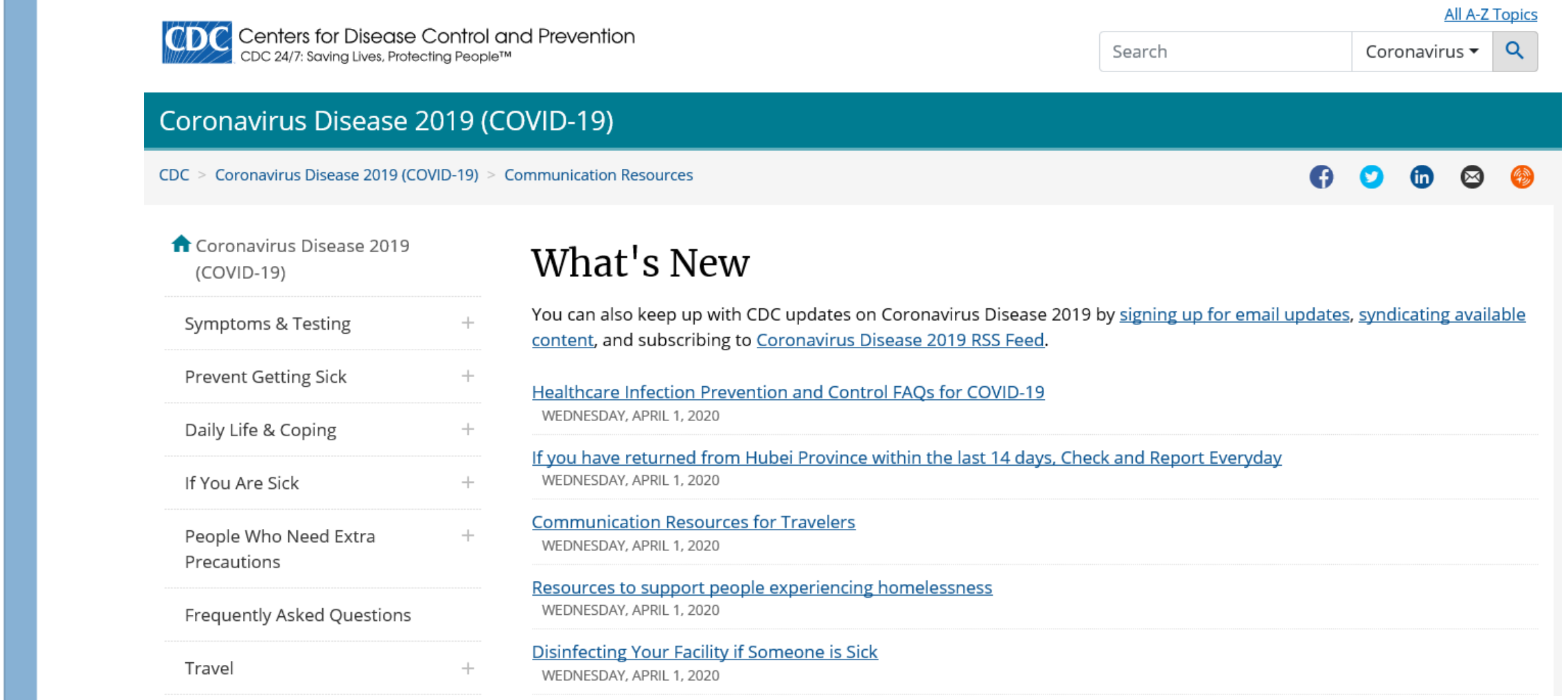
Personal Protective Equipment:

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



https://www.cdc.gov/coronavirus/2019-ncov/downloads/A_FS_HCP_COVID19_PPE.pdf



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

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Strategies to Optimize the Supply of PPE and Equipment

https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/index.html

Additional Infection Control Discussions

Weekly

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

Community Mitigation

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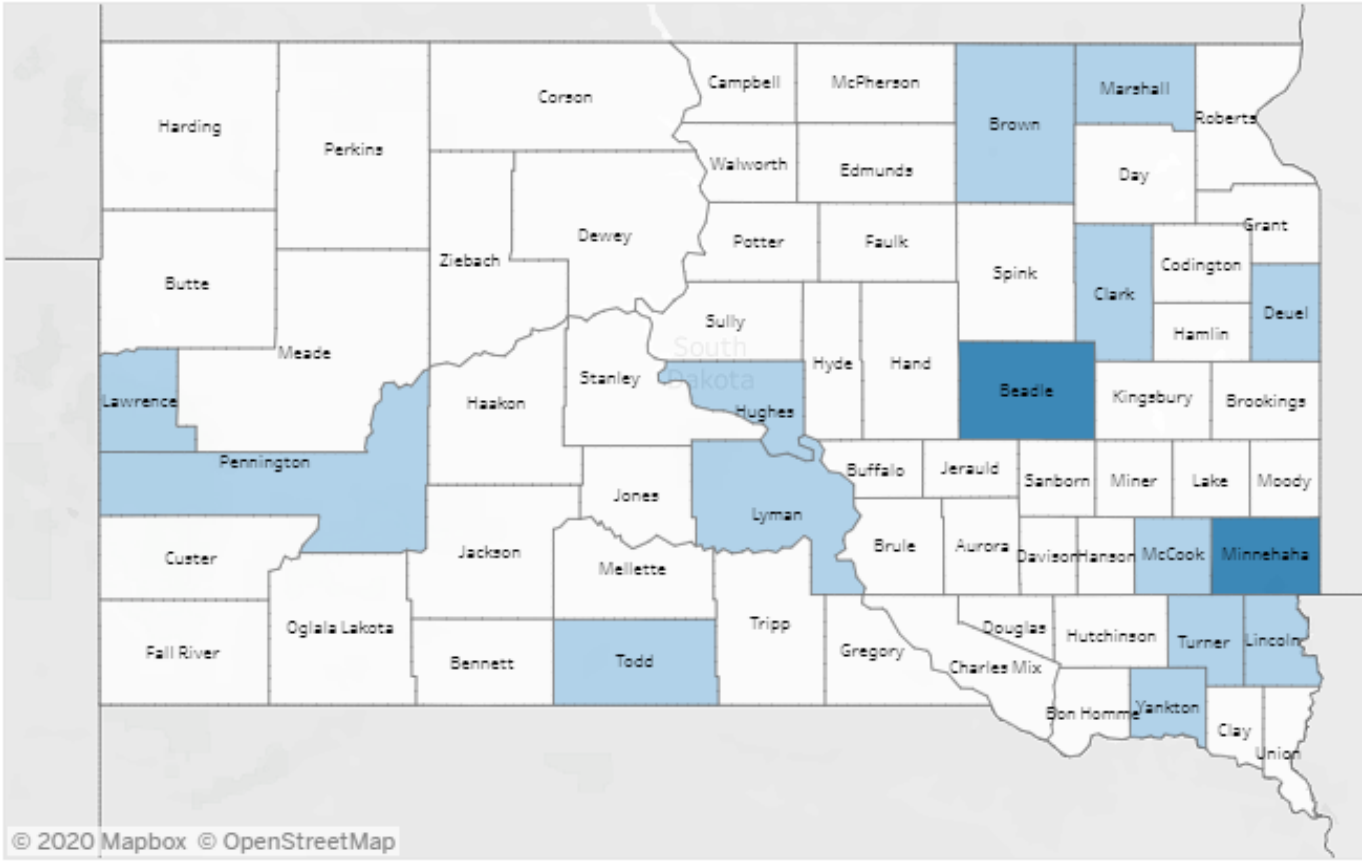
15 Counties with Community Spread

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



Impact Level

- No Community Spread
- Minimal/Moderate Community Spread
- Substantial Community Spread

As of April 1, 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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