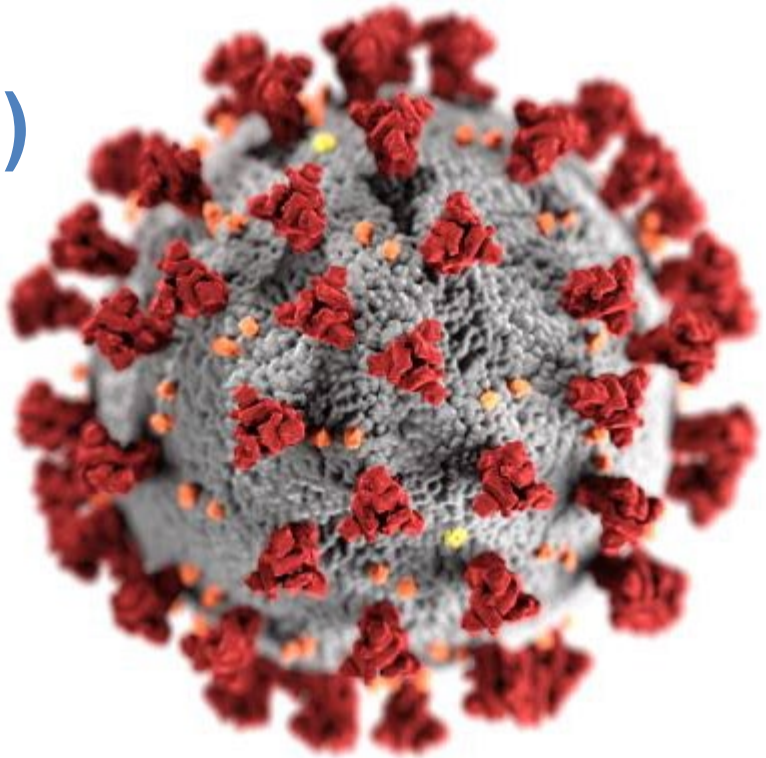
2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

April 9, 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 8, 2020. Please check the South Dakota Department of Health website for the most current information and guidance.

covid.sd.gov

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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 covid.sd.gov following the webinar.

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Situation Update

Coronavirus Situation (as of April 8, 2020)

- International
  - 1,353,361 confirmed cases
  - 79,235 deaths

- United States (50 states + DC)
  - 395,011 confirmed cases in U.S.
  - 12,754 deaths
  - Community transmission identified in all neighboring states

- South Dakota
  - 393 confirmed cases in South Dakota – 19 counties with community spread
  - 6 deaths
  - 146 recovered

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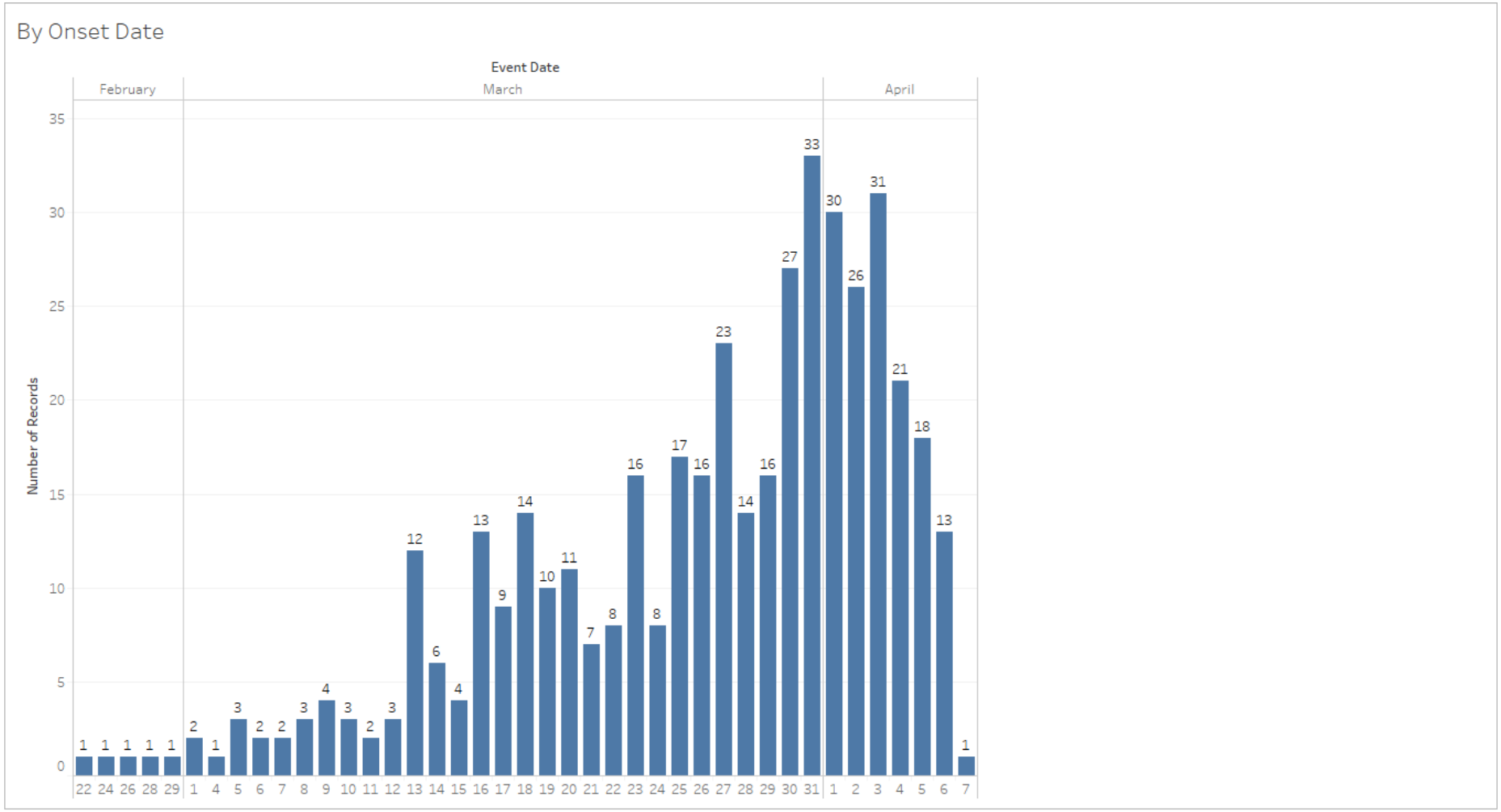
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date



As of April 8, 2020

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

Laboratory Testing Updates (4/9)

Priority Populations for SDPHL Testing:

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Individuals living in communal settings like long-term care facilities

Specimen Collection Supplies:

- Flocked swabs (very limited availability at the SDPHL)
- Foam swabs (anticipated arrival to SDPHL: mid-May)
- Viral transport media (no longer available at SDPHL due to nationwide shortage)
- PBS and sterile saline (production beginning at the SDPHL)
- Sterile sputum cups (limited availability at the SDPHL)
- Category B shipping supplies (limited availability at the SDPHL)

Laboratory Testing Updates (4/9)

CDC Interim Guidance: Current 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

Additional Collection Options Following Verification at the SDPHL:

- ACCEPTABLE: Nasopharyngeal Swab in Sterile PBS or Sterile Saline
- ACCEPTABLE: Oropharyngeal Swab in Sterile PBS or Sterile Saline

Laboratory Testing Updates (4/9)

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

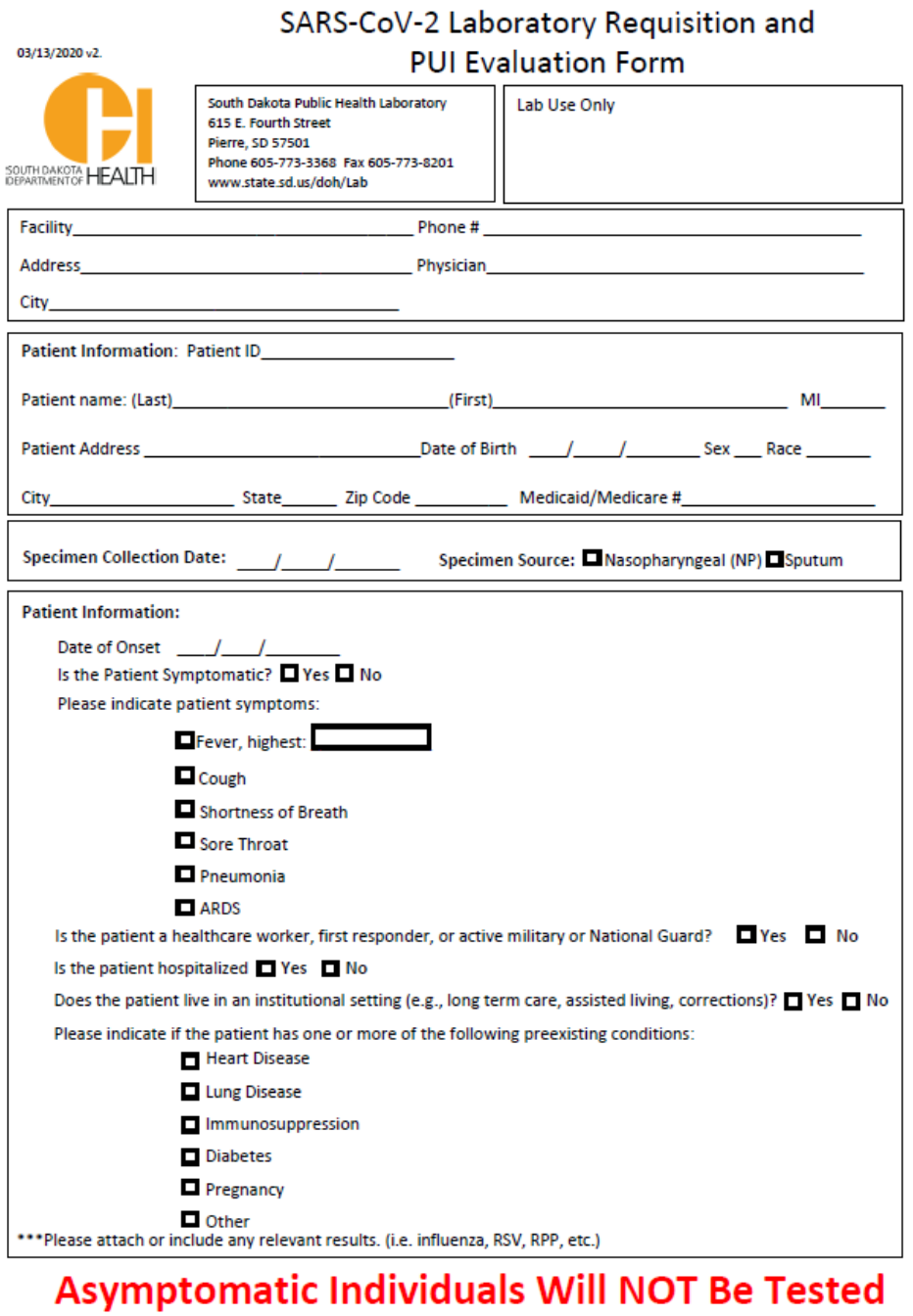
Testing offered by SDPHL

1. SARS-CoV-2 RT-PCR: CDC 2019-nCoV Test
2. Respiratory Pathogen Panel offered as reflex for severely ill hospitalized patients that are SARS-CoV-2 negative
3. Hologic Panther TMA RUO Assay: verification planned for early May

Laboratory Testing Updates (4/9)

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)



SARS-CoV-2 Laboratory Requisition and PUI Evaluation Form

03/13/2020 v2.

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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

Laboratory Testing Updates (4/9)

1. Required

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

2. Required

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

3. Strongly Recommended

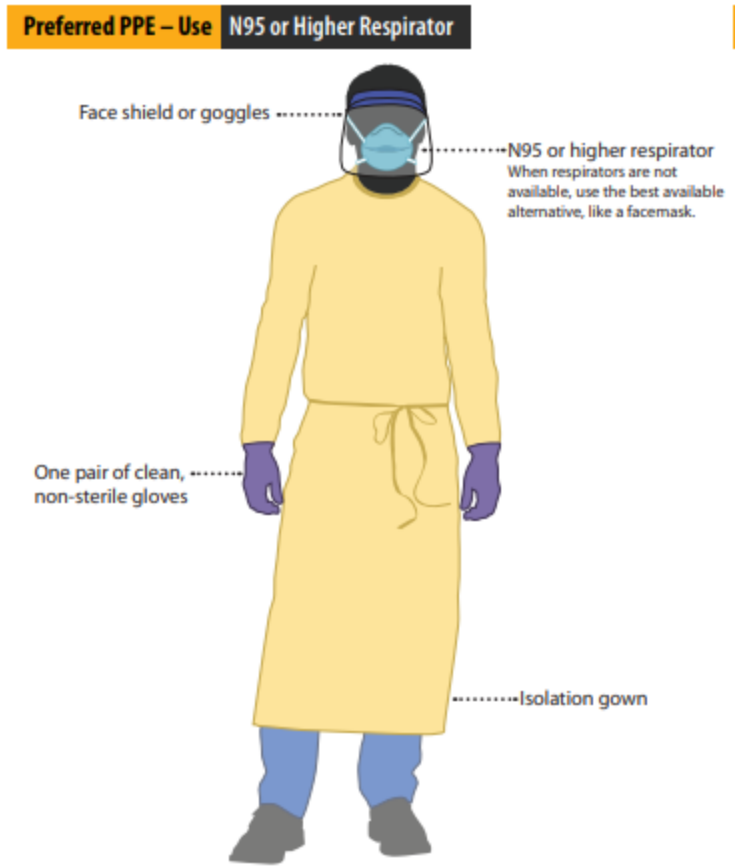
Please indicate if the patient has one or more of the following preexisting conditions:

- ☐ Heart Disease
- ☐ Lung Disease
- ☐ Immunosuppression
- ☐ Diabetes
- ☐ Pregnancy
- ☐ Other

Infection Prevention

Personal Protective Equipment

- Respirator or Facemask
- Eye Protection
- Gloves
- Gown



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

Interim Infection Prevention and Control Recommendations for Patients with Suspected or Confirmed Coronavirus Disease 2019 (COVID-19) in Healthcare Settings

- Limit how germs can enter the facility.
- Isolate symptomatic patients as soon as possible.
- Protect healthcare personnel.

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

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CDC - Use of Cloth Face Coverings to Help Slow the Spread of COVID-19

How to Wear Cloth Face Coverings

Cloth face coverings should—

- fit snugly but comfortably against the side of the face
- be secured with ties or ear loops
- include multiple layers of fabric
- allow for breathing without restriction
- be able to be laundered and machine dried without damage or change to shape

CDC on Homemade Cloth Face Coverings

CDC recommends wearing cloth face coverings in public settings where other social distancing measures are difficult to maintain (e.g., grocery stores and pharmacies), **especially** in areas of significant community-based transmission.

CDC also advises the use of simple cloth face coverings to slow the spread of the virus and help people who may have the virus and do not know it from transmitting it to others. Cloth face coverings fashioned from household items or made at home from common materials at low cost can be used as an additional, voluntary public health measure.

Cloth face coverings should not be placed on young children under age 2, anyone who has trouble breathing, or is unconscious, incapacitated or otherwise unable to remove the cloth face covering without assistance.

The cloth face coverings recommended are not surgical masks or N-95 respirators. Those are critical supplies that must continue to be reserved for healthcare workers and other medical first responders, as recommended by current CDC guidance.

Should cloth face coverings be washed or otherwise cleaned regularly? How regularly?

Yes. They should be routinely washed depending on the frequency of use.

How does one safely sterilize/clean a cloth face covering?

A washing machine should suffice in properly washing a cloth face covering.

https://www.cdc.gov/coronavirus/2019-ncov/downloads/DIY-cloth-face-covering-instructions.pdf

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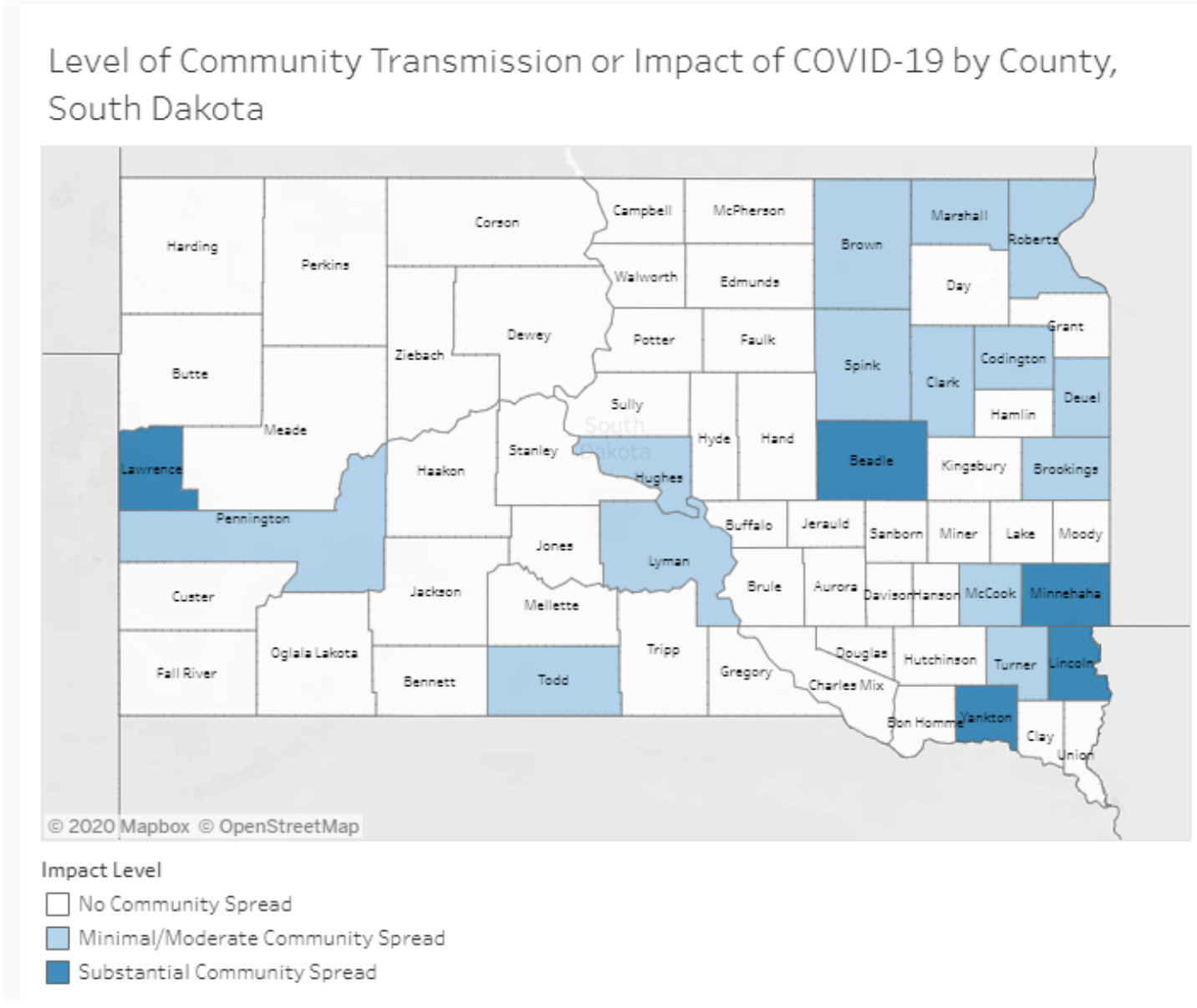
Additional Infection Control Discussions

Weekly

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

Community Mitigation

19 Counties with Community Spread



As of April 8, 2020

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New CDC Guidance

- Use of Cloth Face Coverings: https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/cloth-face-cover.html
- CDC Symptom Self-checker: https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html
- CDC and Apple partnership on COVID-19 Screening Tool: https://www.apple.com/covid19/
- Lots more at: https://www.cdc.gov/coronavirus/2019-ncov/index.html

Supply Chain Management

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.

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On-going Communication

Helpful Information Sources

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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Questions?

COVID Helpline: **800-997-2880**
Epidemiology: **605-773-3737**
Laboratory: **605-773-3368**

covid.sd.gov
COVIDSD@state.sd.us
doh.sd.gov/news/COVID19/Calls.aspx

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