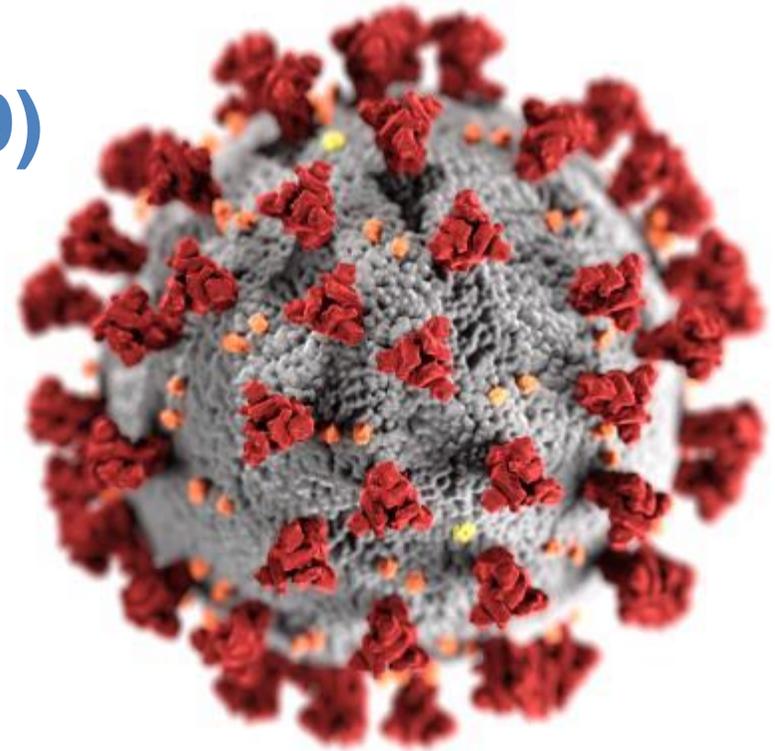


# 2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

April 2, 2020



**We will begin in just a few moments. Thanks!**

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

# Agenda

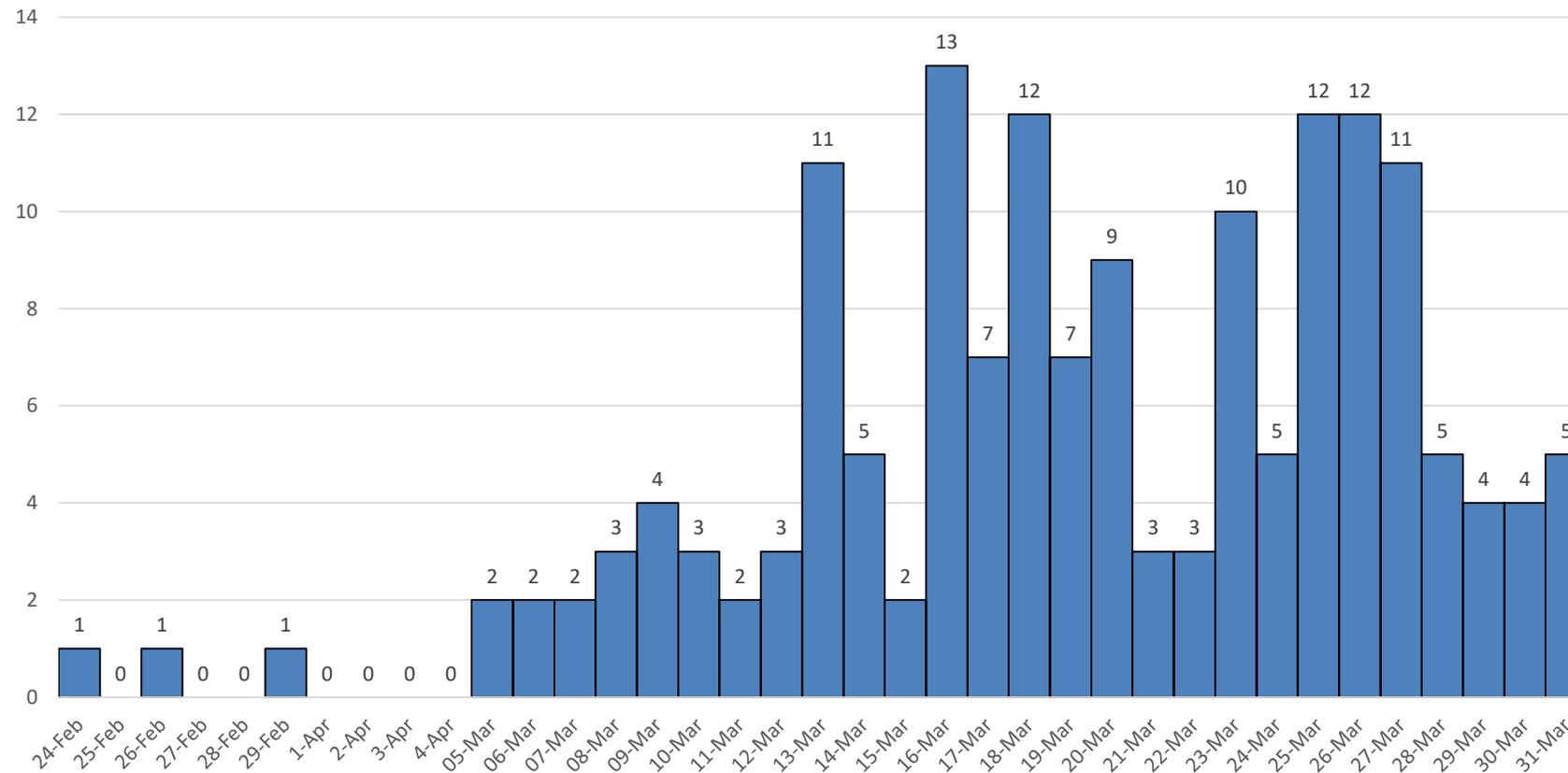
- Situation Update
- Laboratory Guidance
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session

**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

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



As of April 2, 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 (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.



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

## SARS-CoV-2 Laboratory Requisition and PUI Evaluation Form

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

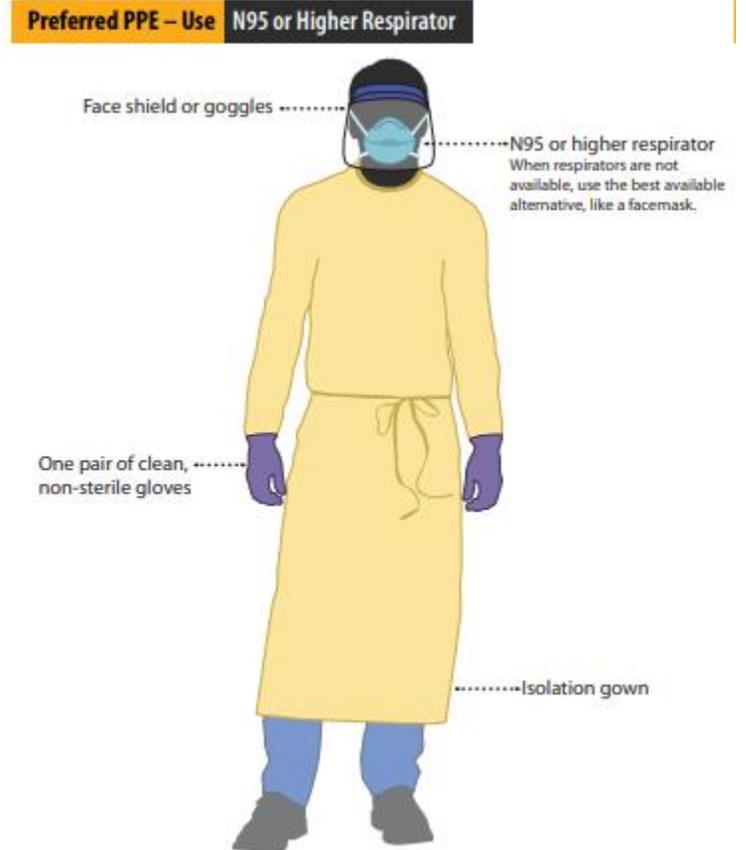
Patient Information:  
Date of Onset \_\_\_\_/\_\_\_\_/\_\_\_\_  
Is the Patient Symptomatic?  Yes  No  
Please indicate patient symptoms:  
 Fever, highest:   
 Cough  
 Shortness of Breath  
 Sore Throat  
 Pneumonia  
 ARDS  
Is the patient a healthcare worker, first responder, or active military 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

# Personal Protective Equipment:

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



# Coronavirus Disease 2019 (COVID-19)

CDC > Coronavirus Disease 2019 (COVID-19) > Communication Resources



## Coronavirus Disease 2019 (COVID-19)

- Symptoms & Testing +
- Prevent Getting Sick +
- Daily Life & Coping +
- If You Are Sick +
- People Who Need Extra Precautions +
- Frequently Asked Questions
- Travel +

## What's New

You can also keep up with CDC updates on Coronavirus Disease 2019 by [signing up for email updates](#), [syndicating available content](#), and subscribing to [Coronavirus Disease 2019 RSS Feed](#).

[Healthcare Infection Prevention and Control FAQs for COVID-19](#)

WEDNESDAY, APRIL 1, 2020

[If you have returned from Hubei Province within the last 14 days, Check and Report Everyday](#)

WEDNESDAY, APRIL 1, 2020

[Communication Resources for Travelers](#)

WEDNESDAY, APRIL 1, 2020

[Resources to support people experiencing homelessness](#)

WEDNESDAY, APRIL 1, 2020

[Disinfecting Your Facility if Someone is Sick](#)

WEDNESDAY, APRIL 1, 2020

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

# Strategies to Optimize the Supply of PPE and Equipment

The screenshot shows the CDC website page for 'Strategies to Optimize the Supply of PPE and Equipment'. The page features a teal header with the CDC logo and navigation options. A search bar is located in the top right corner. The main content area is divided into a left sidebar with a table of contents and a central main content area. The sidebar includes links for 'Symptoms & Testing', 'Prevent Getting Sick', 'Daily Life & Coping', 'If You Are Sick', 'People Who Need Extra Precautions', 'Frequently Asked Questions', 'Travel', 'Cases & Latest Updates', 'Schools, Workplaces & Community Locations', and 'Healthcare Professionals'. The main content area displays the title 'Strategies to Optimize the Supply of PPE and Equipment' and a list of topics: 'Eye Protection', 'Isolation Gowns', 'Facemasks', 'N95 Respirators', 'Personal Protective Equipment (PPE) Burn Rate Calculator', and 'Ventilators'. To the right of the main content, there are three featured resources: 'Personal Protective Equipment (PPE) Burn Rate Calculator' (with an image of PPE and text 'Use this excel sheet to calculate your PPE burn rate'), 'How to Put On & Take Off PPE' (with an image of a person in PPE and text 'Use this factsheet to train personnel on safe PPE procedures'), and 'Decontamination and Reuse of Filtering Facepiece Respirators' (with an image of a respirator).

**Strategies to Optimize the Supply of PPE and Equipment**

- Eye Protection
- Isolation Gowns
- Facemasks
- N95 Respirators
- Personal Protective Equipment (PPE) Burn Rate Calculator
- Ventilators

**Personal Protective Equipment (PPE) Burn Rate Calculator**  
Use this excel sheet to calculate your PPE burn rate

**How to Put On & Take Off PPE**  
Use this factsheet to train personnel on safe PPE procedures

**Decontamination and Reuse of Filtering Facepiece Respirators**

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

# Additional Infection Control Discussions

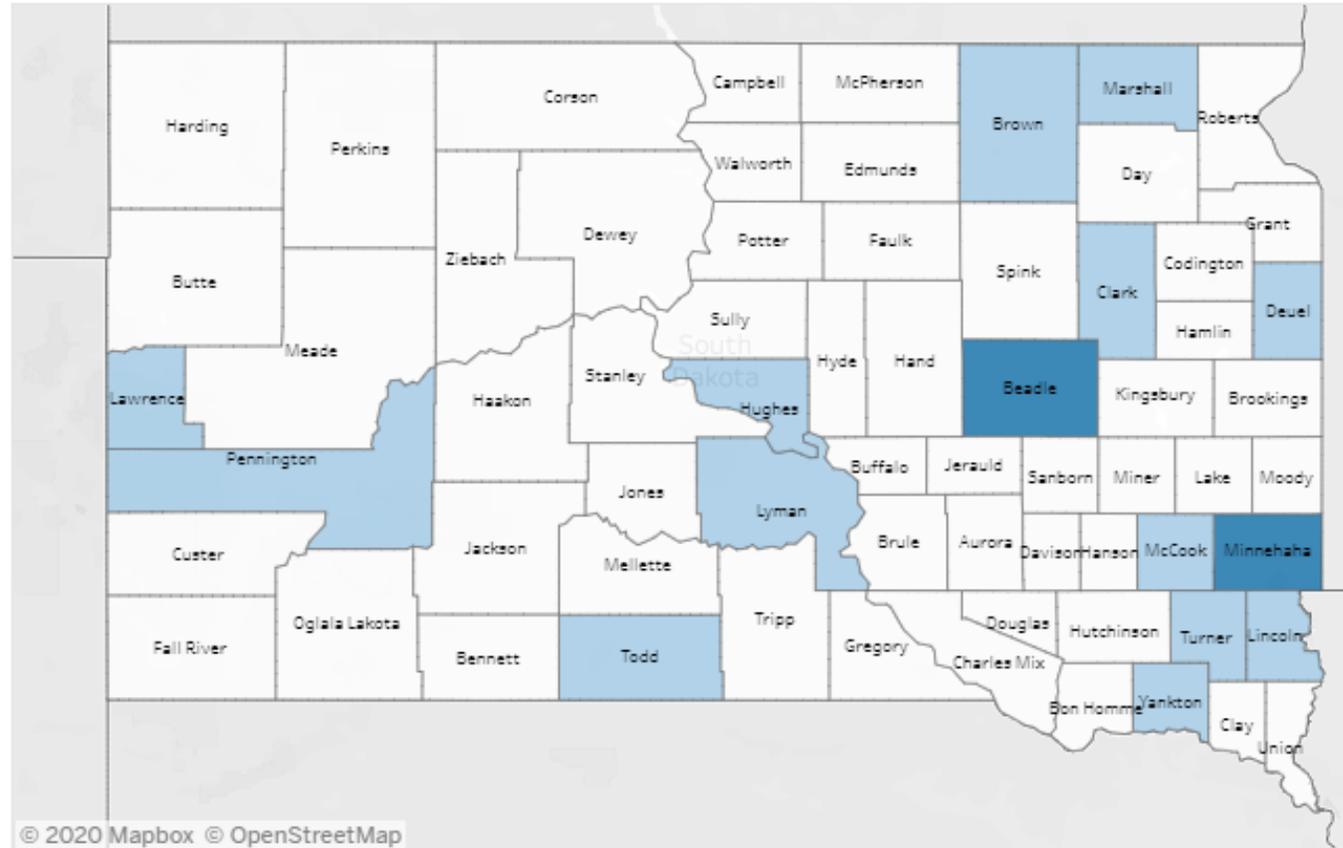
## Weekly

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

# Community Mitigation

# 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

SD DAKOTA DEPARTMENT OF HEALTH

# Supply Chain Management

# PPE Request Procedure

All requests for PPE from DOH must be:

- Emailed to [COVIDResourceRequests@state.sd.us](mailto: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](mailto: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](https://covid.sd.gov)

[coronavirus.gov](https://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](http://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](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**