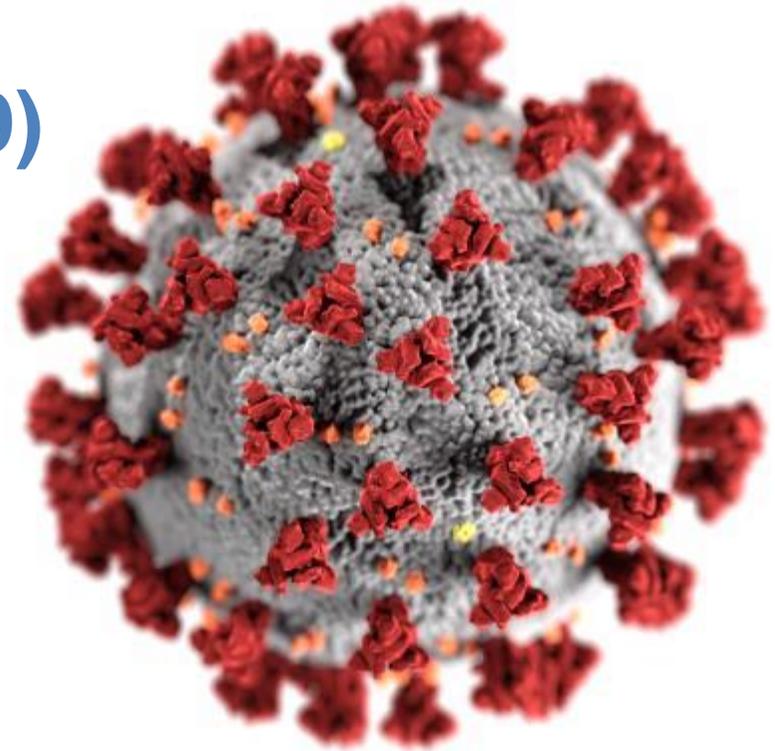


2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

June 25, 2020



We will begin in just a few moments. Thanks!



SOUTH DAKOTA DEPARTMENT OF HEALTH

This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of June 24, 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 doh.sd.gov/news/COVID19/Calls.aspx following the webinar.



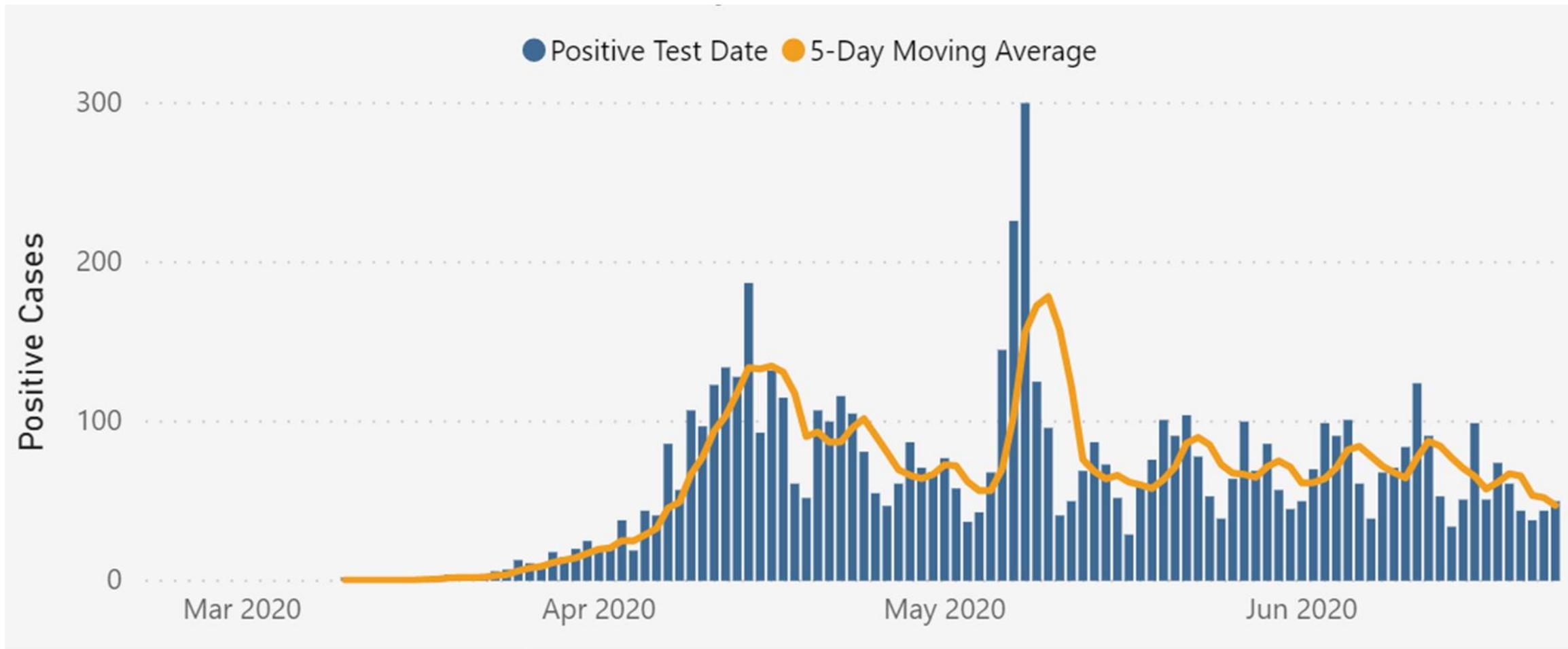
SOUTH DAKOTA DEPARTMENT OF HEALTH

Situation Update

Coronavirus Situation (as of June 24, 2020)

- International
 - 9,129,146 confirmed cases
 - 473,797 deaths
- United States (50 states + DC)
 - 2,336,615 confirmed cases in U.S.
 - 121,117 deaths
- South Dakota
 - 6,419 confirmed cases in South Dakota
 - 84 deaths
 - 5,554 recovered

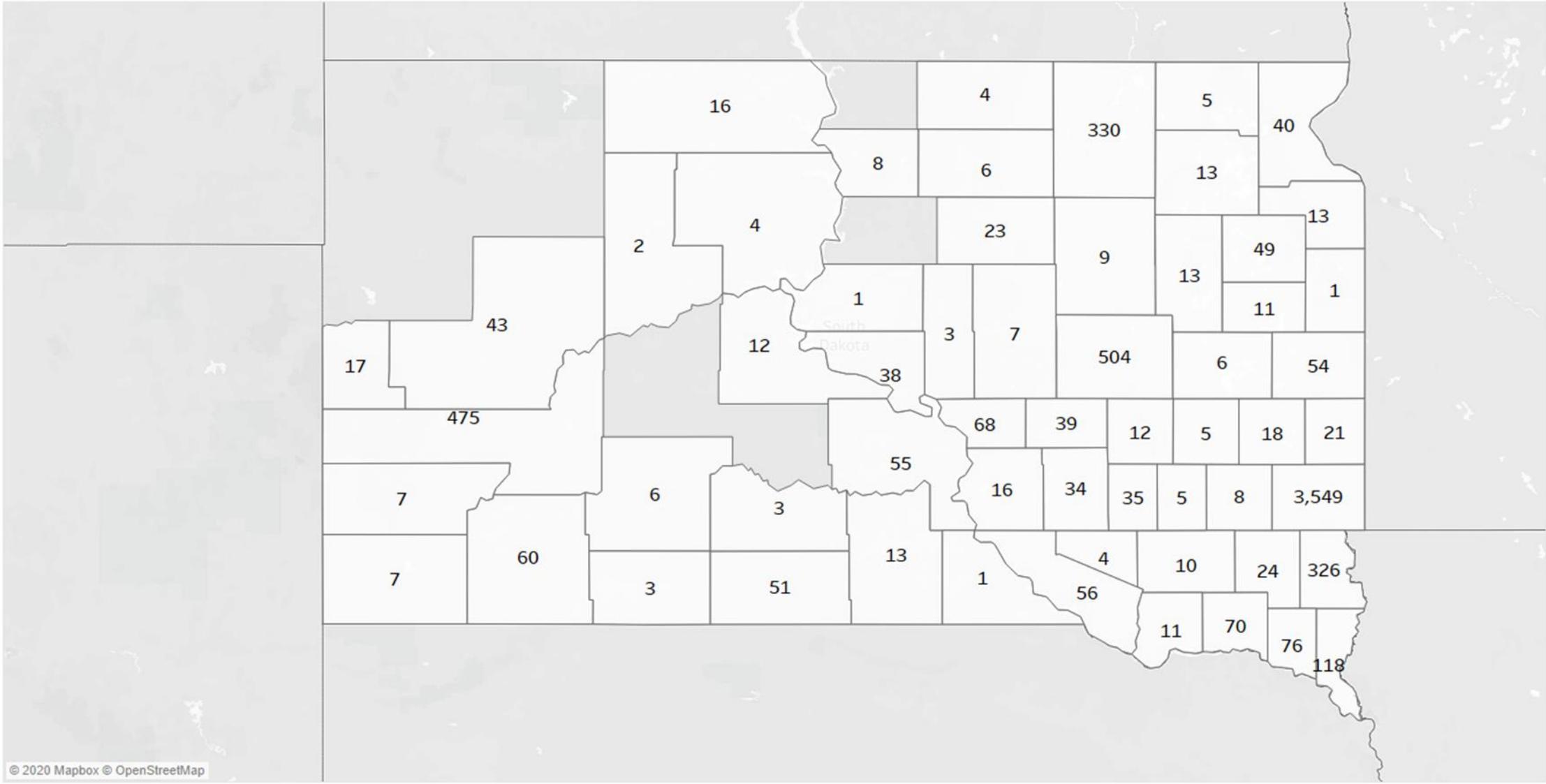
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date



COVID-19 Cases, by County

As of June 18, 2020

Cases by County



General Testing Recommendations

Medical providers are recommended to test individuals with signs and symptoms compatible with COVID-19 infection, including:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

Testing of Close Contacts to Cases

- Symptomatic close contacts to a COVID-19 case: **Seek medical evaluation and, if appropriate, testing**
- Asymptomatic close contacts to a COVID-19 case: **Seek medical evaluation and, if appropriate, test Priority 1 close contacts** (*SD-DOH can help support testing of Priority 1*)
- Asymptomatic close contacts to a COVID-19 case: **Seek medical evaluation and, if laboratory capacity is available, test Priority 2, 3, and 4 close contacts**

<https://www.cdc.gov/coronavirus/2019-ncov/downloads/case-investigation-contact-tracing.pdf>

Priority Testing for Asymptomatic Close Contacts

- **Priority 1**

- Hospitalized patients
- Healthcare personnel
- First responders (e.g., EMS, law enforcement, firefighters)
- Individuals living or working in acute care, skilled nursing, mental health, and long-term care facilities
- Individuals living or working in community congregate settings (e.g., correctional facilities, homeless shelters, educational institutions, mass gatherings, and workplaces)
- Members of a large household living in close quarters
- Individuals who live in or provide care in a household with a higher risk individual

- **Priority 2**

- Critical infrastructure workers
- Individuals 65 years of age and older
- Individuals at higher risk of severe disease
- Pregnant women

Page 25: <https://www.cdc.gov/coronavirus/2019-ncov/downloads/case-investigation-contact-tracing.pdf>

- **Priority 3:** Individuals with symptoms who do not meet any of the above categories

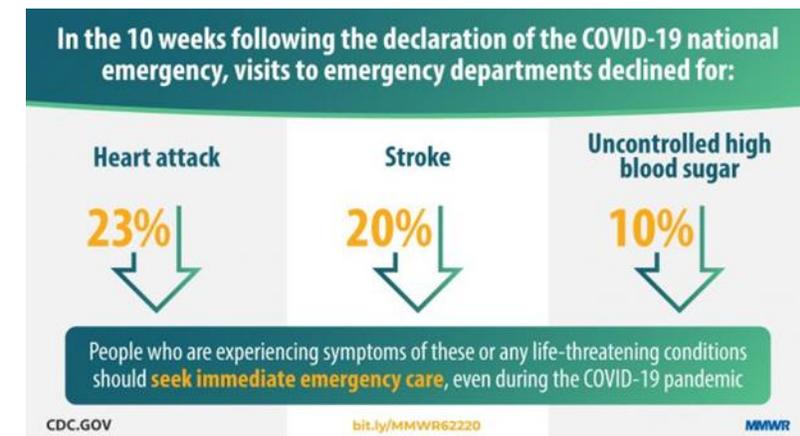
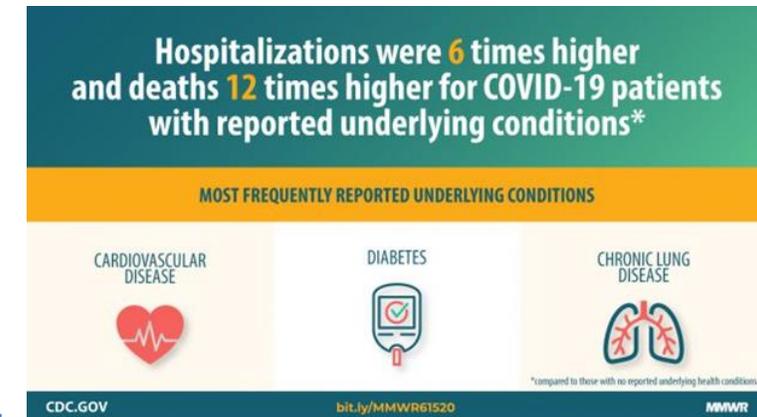
- **Priority 4:** Individuals without symptoms who do not meet any of the above categories



Selected CDC Guidance Updates

- Impact of COVID-19 on adults with underlying medical conditions: <https://www.cdc.gov/mmwr/volumes/69/wr/mm6924e2.htm>
- Decline in non-COVID-19 emergency dept visits: <https://www.cdc.gov/mmwr/volumes/69/wr/mm6925e2.htm>
- Food and COVID-19: <https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/food-and-COVID-19.html>
- Considerations for Animal Activities at Fairs: <https://www.cdc.gov/coronavirus/2019-ncov/animals/events-animal-activities.html>
- Tribal Communities – Prevention and Support: <https://www.cdc.gov/coronavirus/2019-ncov/community/tribal/index.html>

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





Laboratory Guidance

Priority Populations for SARS-CoV-2 Testing

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Critical infrastructure workers in food manufacturing and agriculture
- Individuals in communal living settings like long-term care facilities
- Underinsured or uninsured individuals
- Low-income individuals or individuals unable to pay for testing
- Homeless individuals

It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider



SDPHL Days of Operation and Courier Schedule

- SDPHL will provide SARS-CoV-2 testing and courier service Monday, June 29 through Friday, July 3
- SDPHL will not provide courier service or testing Saturday, July 4 or Sunday, July 5
- Courier service and testing will resume Monday-Saturday beginning Monday, July 6

Antibody Testing for SARS-CoV-2

- SDPHL will implement antibody testing in early July
- In accordance with federal recommendations, SDPHL will:
 - Provide a dual-antibody testing algorithm for SARS-CoV-2
 - Only use FDA EUA-approved tests
- The South Dakota Department of Health (SDDOH) will follow antibody testing recommendations provided by:
 - [Centers for Disease Control and Prevention \(CDC\)](#)
 - [American Medical Association \(AMA\)](#)
 - [Infectious Disease Society of America \(IDSA\)](#)
 - [Food and Drug Administration \(FDA\)](#)

SDPHL Antibody Testing Plan

Based on these recommendations, SDPHL will provide antibody testing for the following groups:

- Clinical assessment of COVID-19 illness when combined with results from PCR testing in consultation with a health care provider trained to interpret those results
- Evaluation of recovered individuals for convalescent plasma donations
- Population-level studies to determine seroprevalence, or the prevalence of antibodies to SARS-CoV-2 in a population

SDPHL Antibody Testing Plan

SDPHL will not provide antibody testing for the following uses:

- Diagnose COVID-19 in the absence of a diagnostic test result
- Determine immune status
- Inform decisions to return to work, school, or admission to congregate living settings
- Inform precautionary actions such as physical distancing and use of personal protective equipment

SDPHL Antibody Testing Plan

Test Order. Antibody testing must be ordered by a health care provider; SDPHL does not offer direct-to-consumer antibody testing.

Specimen Requirements. A minimum of 1.5 milliliters of serum or plasma is required for SARS-CoV-2 antibody testing. Gross hemolysis may adversely impact SARS-CoV-2 antibody testing.

Packaging and Shipping. Specimens should be packaged as a Category B infectious substance. Specimens can be shipped to the SDPHL using the statewide courier. The courier can be reached at 1-877-434-9366 for on-demand service.

SDPHL Antibody Testing Plan

Turn-Around Time. Target turn-around time for SARS-CoV-2 antibody testing is 48 hours but TAT will be test volume dependent; TAT for mass collection events will be longer.

Reporting. SDPHL will report antibody test results by secure fax for those clients that have a secure fax agreement in place. Clients can access the [secure fax agreement](#) on the SDPHL website or by contacting the SDPHL at 605-773-3368.

Long-Term Care Sentinel Surveillance

- Sentinel surveillance is beginning in 104 nursing homes and 35 assisted living facilities in South Dakota
- Assisted living facilities that want to enroll in sentinel surveillance should contact:
 - Julie.Jenssen@state.sd.us
 - Lori.Konst@state.sd.us

Long-Term Care Sentinel Surveillance

- Sentinel surveillance requires three specimens to be collected each week from 2 asymptomatic staff members and 1 asymptomatic resident at each facility
- Based on consultation with the Office of Licensure and Certification, smaller facilities may collect two specimens each week from 1 asymptomatic staff member and 1 asymptomatic resident

Long-Term Care Sentinel Surveillance

- Participants in sentinel surveillance have received one month of specimen collection supplies from the SDPHL.
 - Twelve (12) tubes of liquid transport media
 - Twelve (12) foam swabs
 - Twelve (12) flocced swabs
 - Twelve (12) small ziptop bags
 - Four (4) Category B shipping boxes
 - Four (4) Tyvek envelopes
 - Four (4) biohazard bags
 - Four (4) ice packs

Long-Term Care Sentinel Surveillance



Sterile Saline



Flocked Swabs



Foam Swabs

Long-Term Care Sentinel Surveillance



Category B Shipper



Tyvek and Biohazard Bags



Ice Pack

Long-Term Care Sentinel Surveillance

- Medical orders are required for specimen collection
- Consent is required for specimen collection
- Nasopharyngeal, nasal, and oropharyngeal specimens are acceptable
- Each specimen must be accompanied by a [Long-Term Care Sentinel Surveillance Requisition](#) and all specimens must be appropriately labeled with the patient name and date of birth.

Sentinel Surveillance: Courier Information

- SDPHL will provide testing for long-term care sentinel surveillance
- Specimens should be sent to the SDPHL using the statewide courier

Ordering an On-demand Service:

- Place your pick up on the MedSpeed Portal: Avera.medspeed.com
- Contact MedSpeed On-Demand at **877-434-9366 Option 1**
 - Have the following information accessible: pick-up location, address, contact person and phone number
- Select the Service Type
 - See the list below for the On-demand service standards

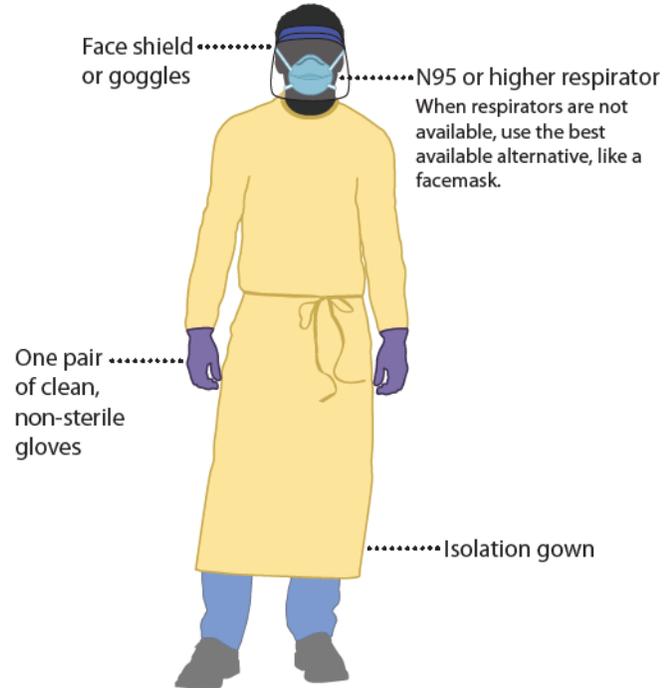
Scheduled	MedSpeed dispatchers will work with you to determine if an On-demand pickup can be done on a scheduled basis, based on existing route schedule.
Will Call	Delivered on day of notification, based on existing route schedule.
Same Day	Same-day delivery within standard business hours.



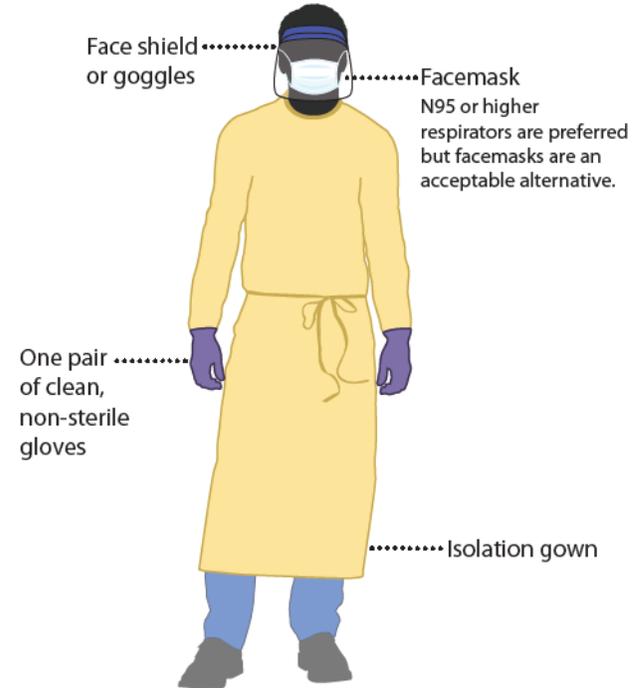
Infection Control

COVID-19 Personal Protective Equipment (PPE) for Healthcare Personnel

Preferred PPE – Use N95 or Higher Respirator



Acceptable Alternative PPE – Use Facemask



CS 315836-C 03/23/2020

[cdc.gov/COVID19](https://www.cdc.gov/COVID19)



Interim U.S. Guidance for Risk Assessment and Work Restrictions for Healthcare Personnel with Potential Exposure to COVID-19 (Update 5/23 & 5/29)

Exposure	Personal Protective Equipment Used	Work Restrictions
<p>HCP who had prolonged¹ close contact² with a patient, visitor, or HCP with confirmed COVID-19³</p>	<ul style="list-style-type: none"> • HCP not wearing a respirator or facemask⁴ • HCP not wearing eye protection if the person with COVID-19 was not wearing a cloth face covering or facemask • HCP not wearing all recommended PPE (i.e., gown, gloves, eye protection, respirator) while performing an aerosol-generating procedure¹ 	<ul style="list-style-type: none"> • Exclude from work for 14 days after last exposure⁵ • Advise HCP to monitor themselves for fever or symptoms consistent with COVID-19⁶ • Any HCP who develop fever or symptoms consistent with COVID-19⁶ should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing.

Which procedures are considered aerosol generating procedures in healthcare settings?

Commonly performed medical procedures that are often considered AGPs, or that create uncontrolled respiratory secretions, include:

- Open suctioning of airways
- Sputum induction
- Cardiopulmonary resuscitation
- Endotracheal intubation and extubation
- Non-invasive ventilation (e.g. BiPAP, CPAP)
- Bronchoscopy
- Manual ventilation

Based on limited available data, it is uncertain whether aerosols generated from some procedures may be infectious, such as

- Nebulizer administration
- High flow O2 delivery

Additional Infection Control Discussions

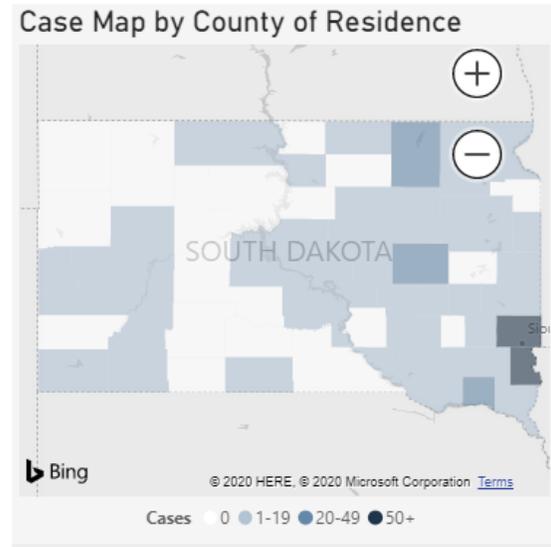
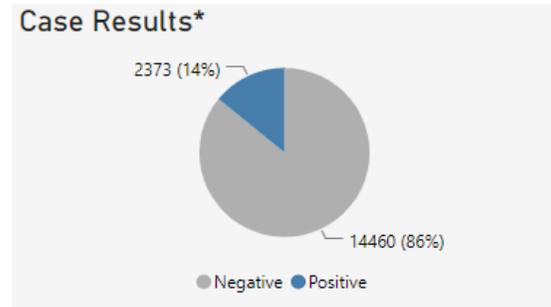
- EMS Provider Calls
- LTC Call
- LAB/IP Call



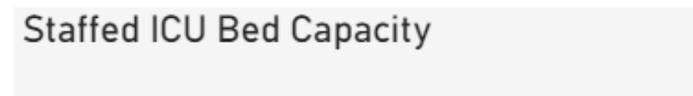
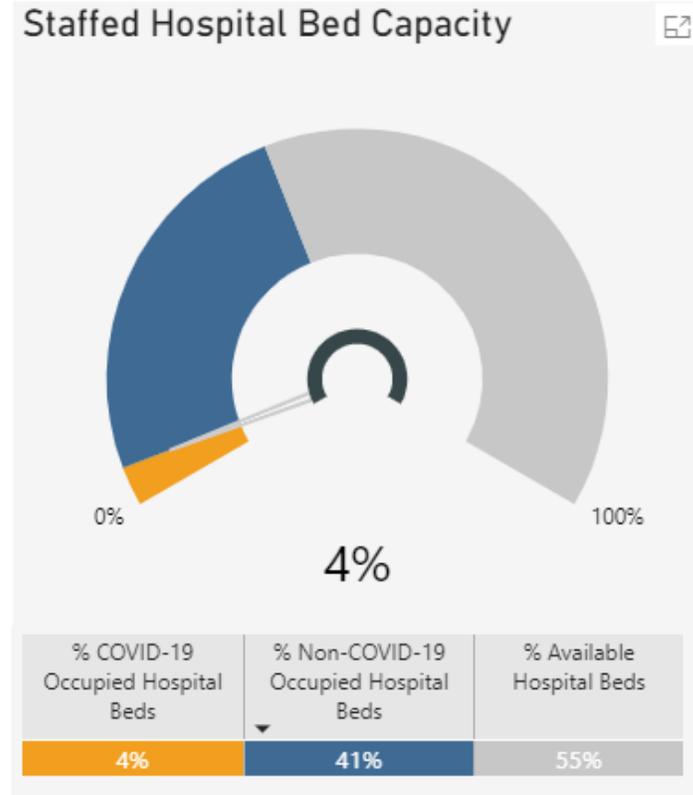
Community Mitigation

SD Overview	Demographics	Tables
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Active Cases 868	Currently Hospitalized 69	Recovered 1492
Total Positive Cases* 2373	Ever Hospitalized** 165	Deaths*** 13



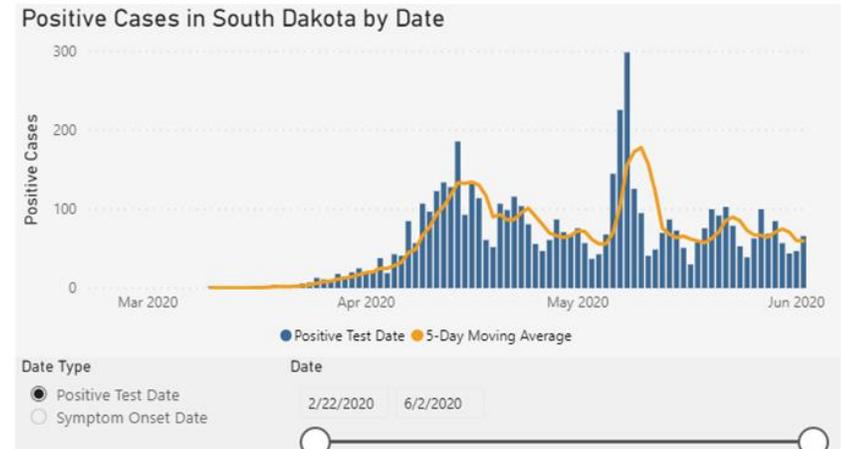
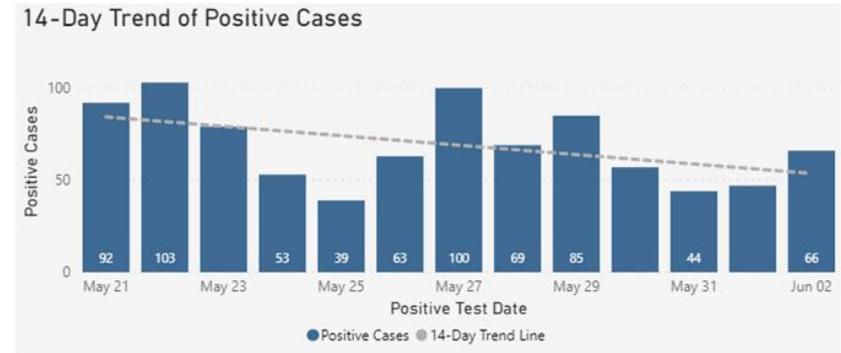
SD Overview	Demographics	Hospital Capacity	Tables
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Dashboard

County	All
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Rate of Cases, Last 14 Days 90 (per 100,000)	Rate of Cases, Cumulative 586 (per 100,000)
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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.



On-going Communication

Helpful Information Sources

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**



Questions?

COVID Helpline: **800-997-2880**

Epidemiology: **605-773-3737**

Laboratory: **605-773-3368**

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

COVIDSD@state.sd.us

Slides: doh.sd.gov/news/COVID19/Calls.aspx

