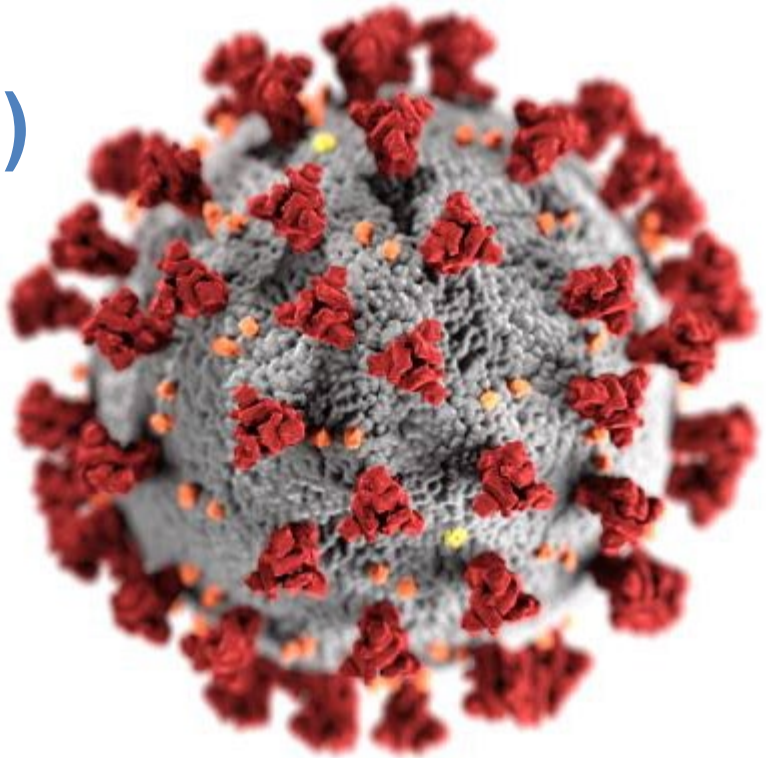
2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

June 11, 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 June 10, 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 doh.sd.gov/news/COVID19/Calls.aspx following the webinar.

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Situation Update

Coronavirus Situation (as of June 10, 2020)

- International
  - 7,145,539 confirmed cases
  - 408,025 deaths

- United States (50 states + DC)
  - 1,973,797 confirmed cases in U.S.
  - 112,133 deaths

- South Dakota
  - 5,604 confirmed cases in South Dakota
  - 69 deaths
  - 4,573 recovered

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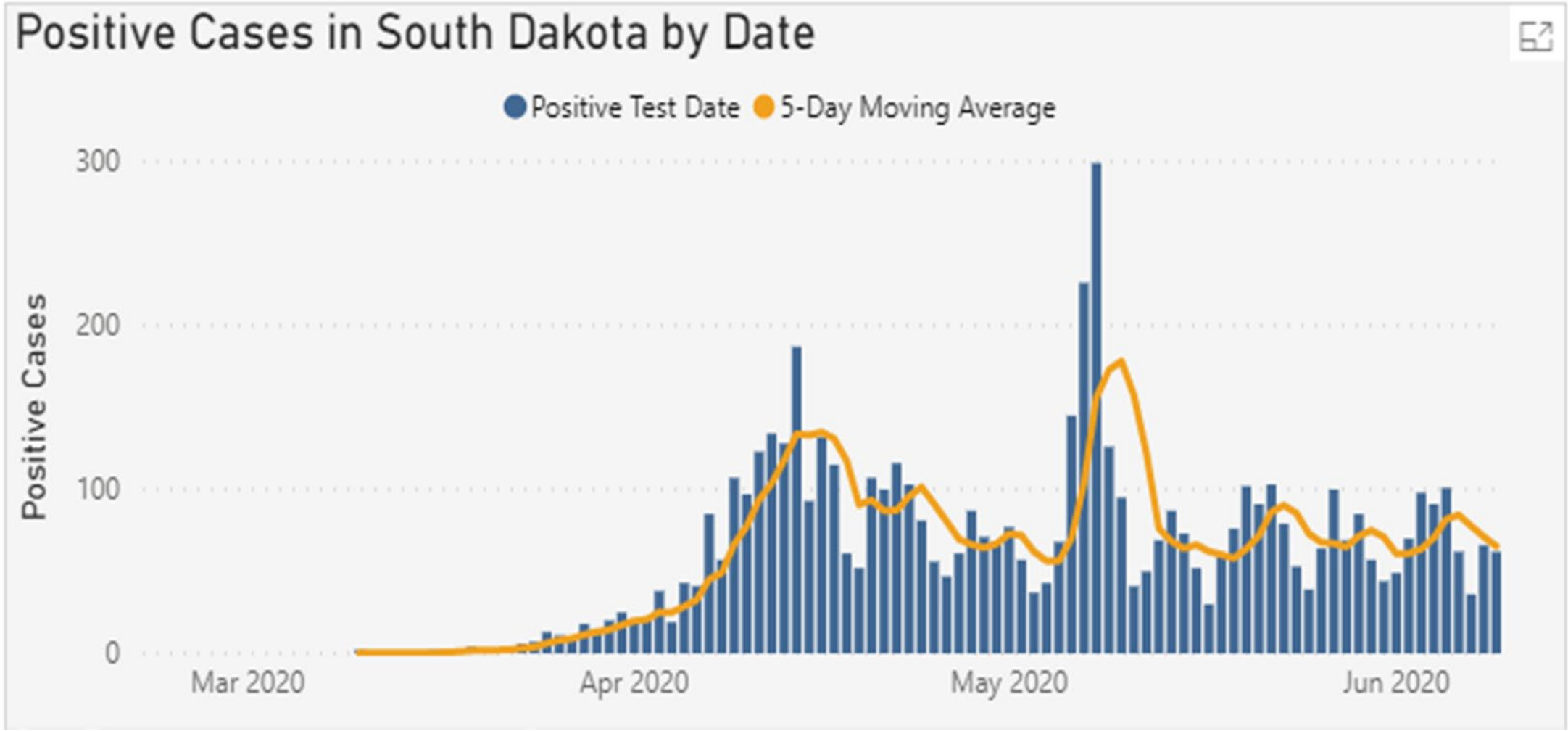
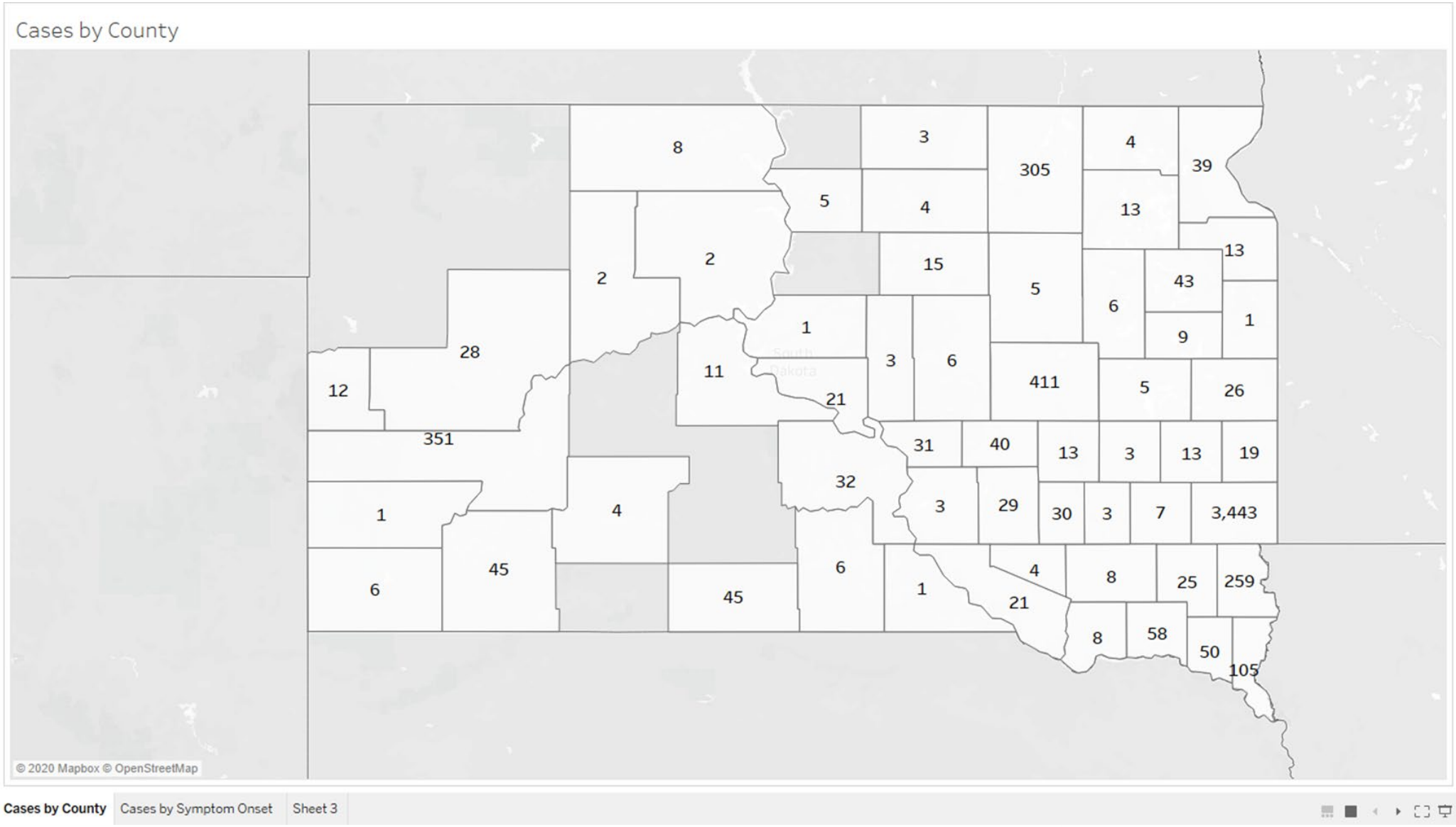
As of June 11, 2020

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



COVID-19 Cases, by County

As of June 11, 2020



As of April 30, 2020

General Testing Recommendations

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

- Cough or
- Shortness of breath or difficulty breathing

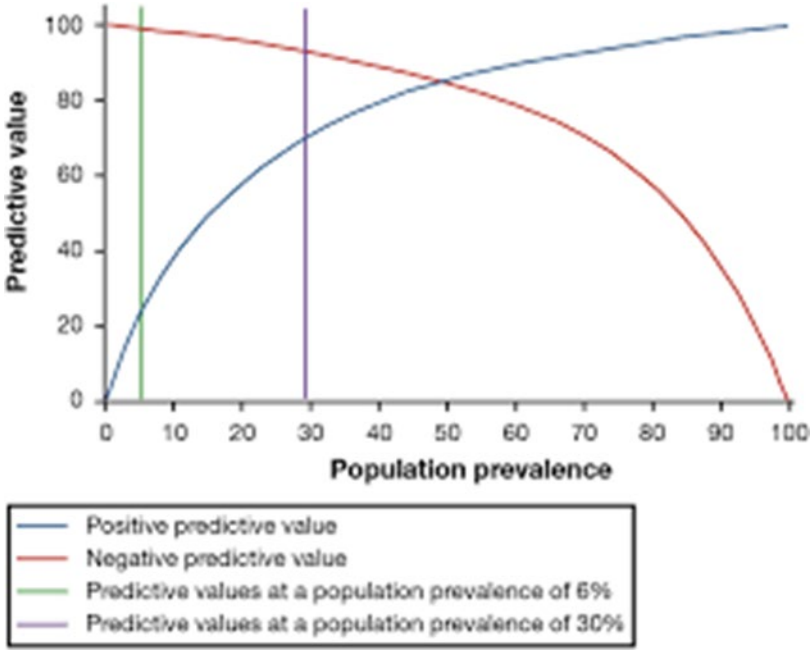
Or at least two of these symptoms:

- Fever
- Chills
- Repeated shaking with chills
- Muscle pain
- Headache
- Sore throat
- New loss of taste or smell

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

CDC Antibody Testing Interim Guidelines

- CDC's recommendation is that the information on antibody testing is rapidly evolving
- Antibody test results might help identify persons previously infected with SARS-CoV-2
- If antibody tests are ordered, laboratories with FDA EUA tests are preferred
- Antibody test results should be interpreted cautiously and in context
- Antibody tests should not be used to determine immune status in individuals until the presence, durability, and duration of immunity is established.



https://www.cdc.gov/coronavirus/2019-ncov/lab/resources/antibody-tests-guidelines.html

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Selected CDC Guidance Updates

- Suggestions for Youth and Summer Camps: https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/summer-camps.html
- Guidance for Park Administrators: https://www.cdc.gov/coronavirus/2019-ncov/community/parks-rec/park-administrators.html
- COVID-19 and Pregnancy: https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/pregnancy-breastfeeding.html
- COVID-19 in Racial and Ethnic Minority Groups: https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/racial-ethnic-minorities.html
- Suggestions for using Public Transit: https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/using-transportation.html
- Suggestions for Running Errands: https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/essential-goods-services.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 six days a week, Monday through Saturday, beginning the week of June 8.
- Beginning the week of June 8, packages collected by the SDPHL courier each Saturday will be delivered to the SDPHL the following Monday.
- SDPHL courier service will continue to provide next-day delivery of specimens to the SDPHL all other days.

Antibody Testing for SARS-CoV-2

- Target date for implementation of SARS-Cov-2 antibody testing at the SDPHL is June 29
- In accordance with federal recommendations, SDPHL will provide a dual-antibody testing algorithm for SARS-CoV-2
- Additional information regarding antibody testing will be provided the week of June 22

LTC Testing Schedule

Tier1: Skilled Nursing Facilities in areas of substantial COVID spread

- Week of May 18

Tier 2: All remaining Skilled Nursing Facilities in South Dakota

- Week of May 25

Tier 3: Assisted Living Centers in areas of substantial COVID spread

- Week of June 1

Tier 4: All remaining Assisted Living Centers in South Dakota

- Week of June 8

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Laboratory Support for LTC Testing

Avera:	Doug Ekeren, Douglas.Ekeren@avera.org
Monument:	Traci Stohrer, TStohrer@monument.health
Sanford:	Rochelle Odenbrett, Rochelle.Odenbrett@SanfordHealth.org
LabCorp:	Scott Huff, Huffs@LabCorp.com
	Julie Copple, Bellmaj@LabCorp.com
SDPHL:	Laurie Gregg, Laurie.Gregg@state.sd.us
	Tim Southern, Tim.Southern@state.sd.us

Additional Support for LTC Testing

Non-laboratory questions about LTC testing can be directed to:

Department of Health: Chris Qualm, Chris.Qualm@state.sd.us
Joan Adam, Joan.Adam@state.sd.us

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Information Reporting

LTC facilities should provide the following information to the DOH:

- Number of residents tested
- Number of staff tested
- Number of positive results
- Testing completion date

Data should be provided to:
Jennifer Maeschen
Jennifer.Maeschen@state.sd.us

Coordination of Mass Testing Events

- Use of testing services at the SDPHL must be coordinated and approved prior to each mass testing event
- SDPHL must be notified 7-10 days prior to mass testing events if specimens will be sent to SDPHL for testing
- Turn-around time for specimens collected for mass testing events is currently 24-48 hours but could be longer based on test volume
- SDPHL will continue to provide reports via secure fax for those clients with a secure fax agreement in place

Remdesivir

- Remdesivir is an experimental antiviral drug
- SDDOH has a very limited supply of remdesivir for use in SD
- To receive remdesivir from the State of South Dakota, health care facilities must meet all criteria described in the following:
  - U.S. FDA EUA Letter of Authorization
  - Fact Sheet for Healthcare Providers
  - State of South Dakota Allocation Criteria

Guidelines for Remdesivir Use

- Treat laboratory-confirmed cases of COVID-19 in adults and children
- Administered by a licensed clinician skilled in the diagnosis and management of individuals with life threatening illness
- Facilities must have capability to provide complex laboratory testing prior to and during administration to monitor for adverse side effects
- Facilities must have a written plan for the use of remdesivir

Remdesivir Questions

Please consult the following documents for information about remdesivir:

- Fact Sheet for Patients and Parent/Caregiver
- Fact Sheet for Healthcare Providers

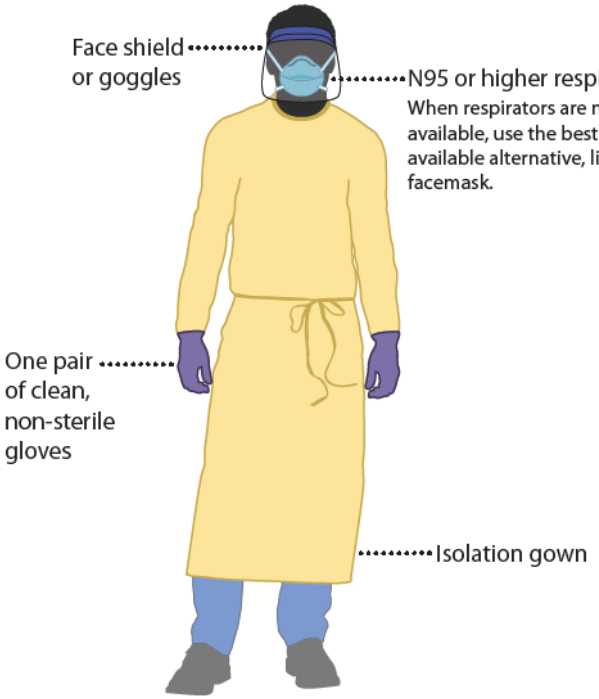
All remdesivir documents mentioned in this presentation can be found on the DOH COVID website:

- https://doh.sd.gov/news/Coronavirus.aspx#Remdesivir

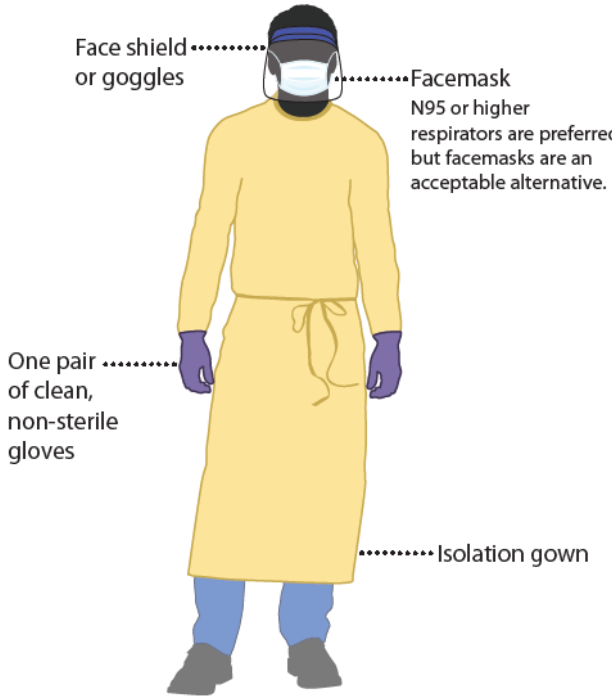
Infection Control

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

Preferred PPE – Use N95 or Higher Respirator



Acceptable Alternative PPE – Use Facemask



CDC

CS 315838-C 03/23/2020

cdc.gov/COVID19

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

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
HCP who had prolonged[1] close contact[2] with a patient, visitor, or HCP with confirmed COVID-19[3]	• HCP not wearing a respirator or facemask[4] • 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 procedure[1]	• Exclude from work for 14 days after last exposure[5] • Advise HCP to monitor themselves for fever or symptoms consistent with COVID-19[6] • Any HCP who develop fever or symptoms consistent with COVID-19[6] should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing.

https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assesment-hcp.html

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Additional Infection Control Discussions

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

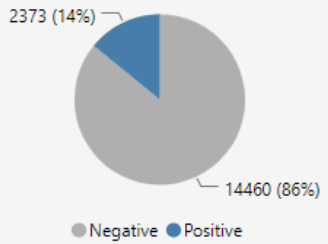
Community Mitigation

Dashboard

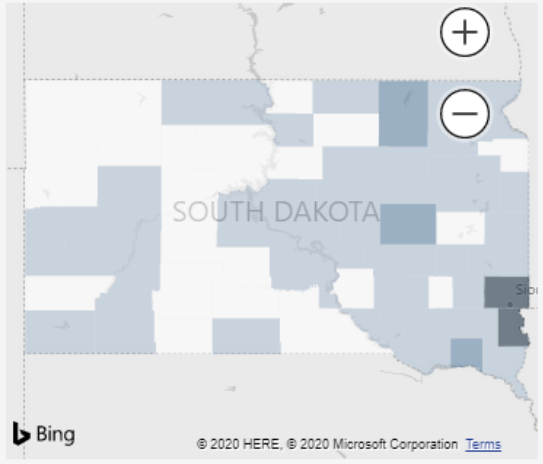
SD Overview | Demographics | Tables

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

Case Results*

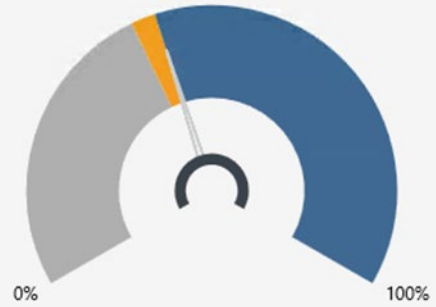


Case Map by County of Residence



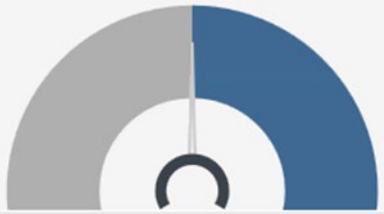
SD Overview | Demographics | Hospital Capacity | Tables

Staffed Hospital Bed Occupancy



% Available Hospital Beds	% COVID-19 Occupied Hospital Beds	% Non-COVID-19 Occupied Hospital Beds
57%	3%	39%

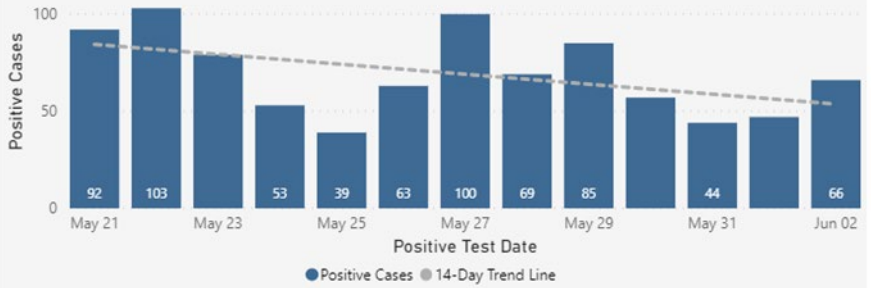
Staffed ICU Bed Occupancy



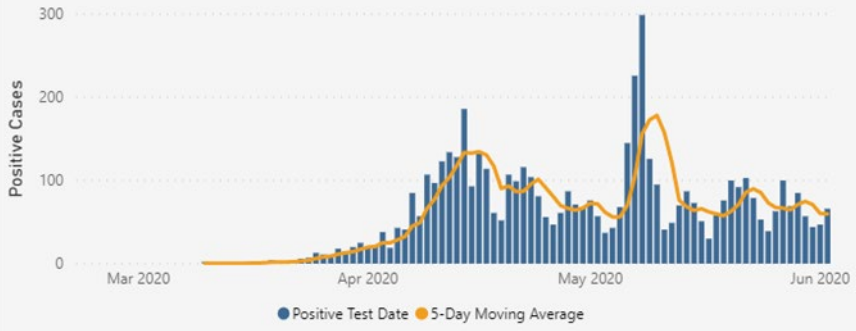
County: All

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

14-Day Trend of Positive Cases



Positive Cases in South Dakota by Date



Date Type
- (●) Positive Test Date
- ( ) Symptom Onset Date

Date: 2/22/2020 – 6/2/2020

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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SERV SD

Current Status:

- 5,119 Total Registered Volunteers
- 1,628 Volunteers have registered since March 1st, 2020

Request Process:

- Facilities should provide a detailed request to SERV SD Coordinator Adam Frerichs by phone at 605.280.9412 or email at adam.frerichs@state.sd.us.
- Based on the request the SD Dept. of Health will query the SERV SD site to identify appropriate registered volunteers based on skill set. A mass notification message will then be sent to the volunteers notifying them of the volunteer opportunity. Once a list of volunteers willing to accept this opportunity is gathered, the SD Dept. of Health will provide the information to the requesting facility.
- Once the available volunteers information has been passed on the requesting facility will then be responsible to engage and coordinate with the volunteer.

**It is important to remember that SERV SD is an as needed resource and the ability to fill requests for volunteers is dependent on the availability of registered volunteers.

For further information please visit volunteers.sd.gov and view the frequently asked questions or contact Adam Frerichs.

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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

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

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