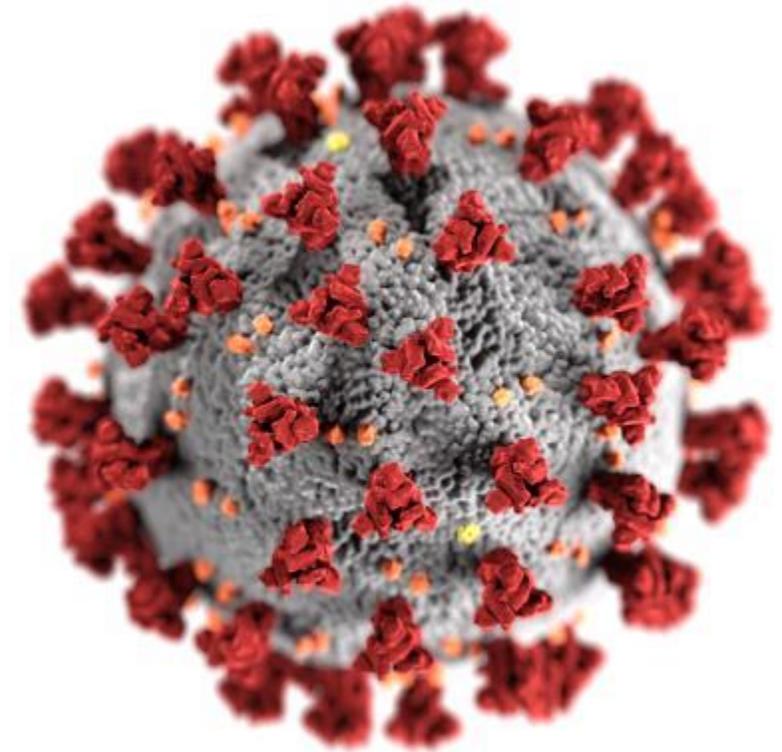


2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

October 8, 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 October 7, 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
- Long Term Care
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session



SD Overview	Demographics	Hospital Capacity	Trends	Tables
New Total Cases Today 609	New Confirmed Cases 562	New Probable Cases 47		
Currently Hospitalized 273	Active Cases 4,511	Recovered Cases 21,137		
Total Cases 25,906	Total Confirmed Cases 25,433	Total Probable Cases 473		
Ever Hospitalized 1,697	Total Persons Tested 208,780	Total Tests 309,841		
Deaths 258	% Progress (September Goal: 44,233 Tests) 216%	% Progress (October Goal: 44,233 Tests) 45%		

Antigen tests are now included as probable cases!

Antigen tests are included in:

- New Total Cases Today
- Total Cases
- Ever Hospitalized
- Total Persons Tested
- Total Tests
- Deaths
- % Progress
- Trend tab, except for RT-PCR Test Positivity Rate

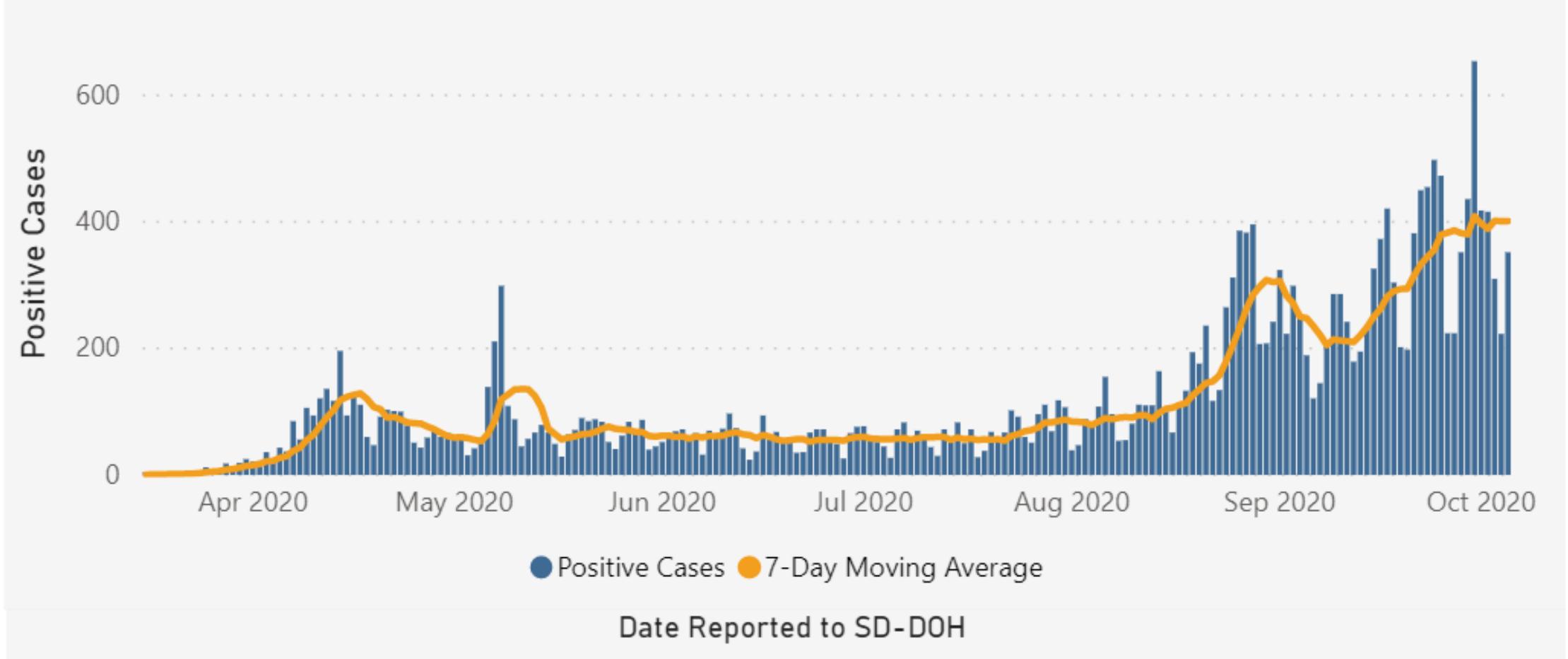
Cases: Persons who meet the national surveillance case definition for COVID-19. According to the case definition, a confirmed case includes persons with a positive RT-PCR test and a probable case includes persons with a positive antigen test for the SARS-CoV-2 virus that causes COVID-19. A positive case moves from active to recovered status based on the CDC guidelines for removal from isolation.

Coronavirus Situation (as of October 7, 2020)

- [International](#)
 - 35,537,491 confirmed cases
 - 1,042,798 deaths
- [United States](#) (50 states + DC)
 - 7,436,278 confirmed cases
 - 209,560 deaths
- [South Dakota](#)
 - 25,906 confirmed cases
 - 258 deaths
 - 21,137 recovered cases

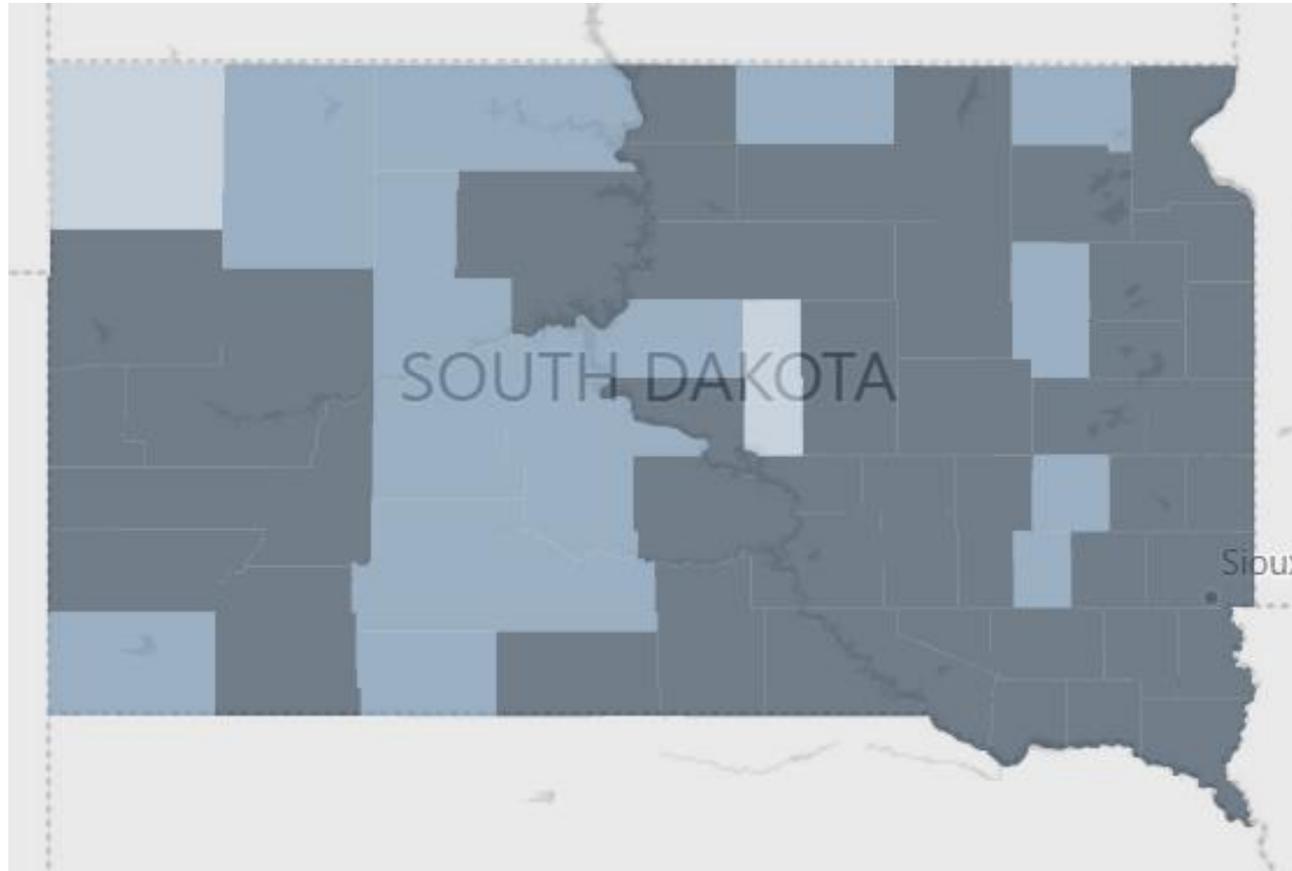
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

Positive Cases by Date Reported to SD-DOH



As of October 7, 2020

COVID-19 Case Map, by County



As of October 7, 2020

Substantial Community Spread

Aurora*	Edmunds	Oglala Lakota
Beadle	Faulk	Pennington
Bon Homme*	Grant	Potter*
Brookings	Gregory	Roberts
Brown	Hamlin	Sanborn*
Brule	Hand	Spink
Buffalo	Hughes	Todd
Butte	Hutchinson	Tripp
Campbell	Jerauld	Turner
Charles Mix	Kingsbury	Union
Clay	Lake	Walworth
Codington	Lawrence	Yankton
Custer	Lincoln	
Davison	Lyman	48 counties
Day	McCook	(* New)
Deuel*	Meade	
Dewey	Minnehaha	
Douglas	Moody	



SOUTH DAKOTA DEPARTMENT OF HEALTH

How COVID-19 Spreads – updated CDC guidance

Most commonly spreads by respiratory droplets during close contact:

- People who are within 6 feet or have direct contact with a person with COVID-19 are at greatest risk of infection
- Respiratory droplets are produced when a person with COVID-19 coughs, sneezes, sings, talks, or breathes
- Infections occur mainly through exposure to respiratory droplets

Sometimes spreads by airborne transmission

- COVID-19 may be able to infect people who are further away than 6 feet from a person with COVID-19 or after the person has left the space
- Exposure to small droplets and particles that can linger in the air for minutes to hours that are produced by a person with COVID-19 is possible
- Infections can occur by breathing in the small droplets, especially when in enclosed spaces with inadequate ventilation

<https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/how-covid-spreads.html>

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>

As of June 18, 2020

Reporting COVID-19 Tests to SD-DOH

- **Reminder:** Coronavirus respiratory syndromes are a Category I disease
- Report ***immediately*** on suspicion of disease
- Reporting mechanisms:
 - Electronic Laboratory Report (ELR) – HL7 message to SD Health Link (health information exchange)
 - Flat file (CSV) – Secure email
 - Disease reporting website – sd.gov/diseasereport
 - Fax – 605.773.5509

Selected CDC Updates

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

Considerations for Institutions of Higher Education (updated October 5):
<https://www.cdc.gov/coronavirus/2019-ncov/community/colleges-universities/considerations.html>

Evidence used to update the list of underlying medical conditions that increase a person's risk of severe illness from COVID-19 (updated October 6):
<https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/evidence-table.html>

Laboratory Guidance

Statewide Priority Populations for SARS-CoV-2 Testing

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

- 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

SDPHL COVID-19 Testing Priorities

- Symptomatic hospitalized patients
- Symptomatic healthcare workers, first responders, and active military
- Symptomatic individuals in congregate living settings like LTC facilities
- Symptomatic individuals with no way to pay for testing
- Asymptomatic participants in state-sponsored sentinel surveillance:
 - Long-term care (staff and residents)
 - K-12 schools (adults)
 - Corrections (mid-October, 2020)
 - Tribes (mid-October, 2020)

Remdesivir Update

- As of October 1, 2020, no further allocation of remdesivir will be made by the federal government
- Hospitals can now purchase unrestricted amounts of remdesivir directly from the distributor, AmerisourceBergen, who will remain the sole distributor through December 2020
- Hospitals that do not have an account with AmerisourceBergen can establish an account by going to their [online ordering portal](#).
- Questions can be directed to AmerisourceBergen using the following:
 - Phone: 877-746-6273
 - Email: remdesivir@amerisourcebergen.com

Abbott ID Now Tests

Abbott ID Now

- Molecular test
- CLIA waived
- Requires the ID Now instrument
- Often performed in a lab or POC
- Frontline healthcare and higher ed



Abbott BinaxNOW

- Antigen test
- CLIA waived
- No instrument required
- Often performed POC
- LTC and K-12



Abbott ID Now Test Availability

- SDPHL receives 67 Abbott ID Now Tests kits (1,608 tests) each week from the federal government for distribution throughout South Dakota
- ID Now kits are typically shipped to hospitals and clinics within 24 hours of receipt at the public health laboratory in Pierre, SD
- ID Now test kit placement priorities:
 - Locations with test positivity rates over 10% AND...
 - Facilities that received an ID Now instrument from the state AND...
 - Facilities that have no other method of COVID testing
- SDPHL is purchasing an additional 55 kits each month through a second federal allocation program

Abbott ID Now Patient Testing Priority

As of October 7, 2020: Due to extremely high-demand, Abbott ID Now kits provided by SDDOH should only be used to test individuals with symptoms of COVID-19. Kits provided by the SDDOH prior to October 7, 2020 can be used at the discretion of the recipient but emphasis should always be placed on testing of symptomatic individuals.

ID Now Purchase: Points-of-Contact

Amy Kilburg

Account Executive, POL
Abbott Rapid Diagnostics
CO, NE, SD
amy.kilburg@abbott.com

Matt Van Dam

McKesson Medical-Surgical
South Dakota / NW IA / SW MN
605-376-0090
Matt.VanDam@McKesson.com

FDA EUA Updates

- FDA has issued Emergency Use Authorization for the following:
 - 180 (6): Molecular Diagnostic Tests for SARS-CoV-2
 - 53 (2): Serological Tests
 - 35: Molecular-Based Laboratory Developed Tests for SARS-CoV-2
 - 5 (1): Antigen Diagnostic Tests for SARS-CoV-2
- Notable Updates:
 - [Serological Test: Assure COVID-19 IgG/IgM Rapid Test Device](#)
 - [Diagnostic Test: Biofire FilmArray Panel 2.1-EZ](#)
 - [Antigen Test: Quidel Sofia 2 Flu+SARS Antigen FIA](#)

Long Term Care

Disease Impact – United States

as of 09.20.20

Resident Cases and Deaths

TOTAL COVID-19 CONFIRMED CASES

238,283

TOTAL COVID-19 SUSPECTED CASES

138,783

TOTAL COVID-19 DEATHS

57,008

<https://data.cms.gov/stories/s/COVID-19-Nursing-Home-Data/bkwz-xpvg/>



SOUTH DAKOTA DEPARTMENT OF HEALTH

Long Term Care in South Dakota

Nursing Homes and Assisted Living Centers

- **Cumulative Total Resident Cases – 694**
- **Cumulative Total Resident Active Cases – 155***
- **Cumulative Total Resident Deaths – 139**
- **Cumulative Total LTC with Case – 145**
- **Current Total of LTC with Case - 101**
- **Cumulative Total Case in Staff – 550**
- **Total Active Cases in Staff – 243***
- **Cumulative Total Staff Hospitalized – 20**

**self-reported by touch-base calls*



Testing Frequency - based on the extent of the virus in the community (county)

- County positivity rate
 - **Community Activity Low (<5%)** test all staff once per month.
 - **Community Activity Medium (5-10%)** test all staff once per week.
 - **Community Activity High (>10%)** test all staff twice per week.
- *This frequency presumes availability of Point of Care testing on-site at the nursing home or where off-site lab testing is available.*

<https://www.cms.gov/files/document/qso-20-38-nh.pdf>

<https://data.cms.gov/stories/s/COVID-19-Nursing-Home-Data/bkwz-xpvg>

<https://doh.sd.gov/news/Coronavirus.aspx>



Testing for COVID 19 Testing

Facilities can meet the testing requirements through the use of rapid Point-of-Care (POC) diagnostic testing devices or through an arrangement with an offsite laboratory. Diversify your capability.

Quidel Sofia 2:

- COVID Testing kits are available
 - We have a good stock available on these testing kits
 - Full allocation levels should be available in early October

BD Veritor :

COVID testing kits have started to roll in more frequently from BD

Full monthly allocations are available

We are able to move product around to meet demands currently

Abbott Bianax Now:

These testing kits are not currently available through distribution. The Federal Government will send allocations out to LTC facilities automatically.

POC Testing Device Re-supply – McKesson or your distributor



Center for Medicare and Medicaid Services (CMS)

Nursing Home Visitation - COVID-19 QSO-20-39-NH

- CMS guidance for visitation in nursing homes during the COVID-19 PHE. The guidance provides reasonable ways a nursing home can safely facilitate in-person visitation to address the psychosocial needs of residents.
- **Facilities must have a plan in place to ensure person-care visitation will occur based on the Core Principles of COVID-19 Infection Prevention and the COVID-19 test positivity rate in the community (county).**
- Other factors to allow visitation may include the facility's COVID-19 status, a resident's COVID-19 status, visitor symptoms, the lack of visitor adherence to proper infection control practices, or other relevant factors related to the COVID-19 Public Health Emergency (PHE).

<https://www.cms.gov/files/document/qso-20-39-nh.pdf>

Nursing Home Visitation

Facilities should use the **COVID-19 (community) county positivity rate to facilitate indoor visitation**. Community Test Positivity Rates must be obtained from a consistent formal official source using either the [CMS COVID-19 Nursing Home](#) or [State Department of Health data](#).

- **Low (<5%)** = Visitation should occur according to the core principles of COVID19 infection prevention and facility policies (beyond compassionate care visits).
- **Medium (5% – 10%)** = Visitation should occur according to the core principles of COVID-19 infection prevention and facility policies (beyond compassionate care visits).
- **High (>10%)** = Visitation should only occur for compassionate care situations according to the core principles of COVID-19 infection prevention and facility policies.

<https://data.cms.gov/stories/s/COVID-19-Nursing-Home-Data/bkwz-xpvg>

<https://doh.sd.gov/news/Coronavirus.aspx>



SOUTH DAKOTA DEPARTMENT OF HEALTH

Compliance – *to meet the intent of the regulations*

- Please keep in mind the intent of the regulations and how best to care for residents.
- Facilities can meet the visitation regulation by revising their policies and procedures (plan) to ensure person-centered visitation is reasonably allowed and will occur based on the core principles of COVID-19 infection prevention and the COVID-19 test positivity rate in the community (county).
- Facilities can meet the testing requirements using the rapid Point-of-Care (POC) diagnostic testing devices or through an arrangement with an offsite laboratory.
 - The labs of choice may include Avera, LabCorp, Monument, or Sanford.
 - Use the federal funds through the CARES Act to help support your routine testing efforts.
 - The South Dakota Public Health Lab will not conduct routine testing in Nursing Homes.
- Documentation is key to show compliance.

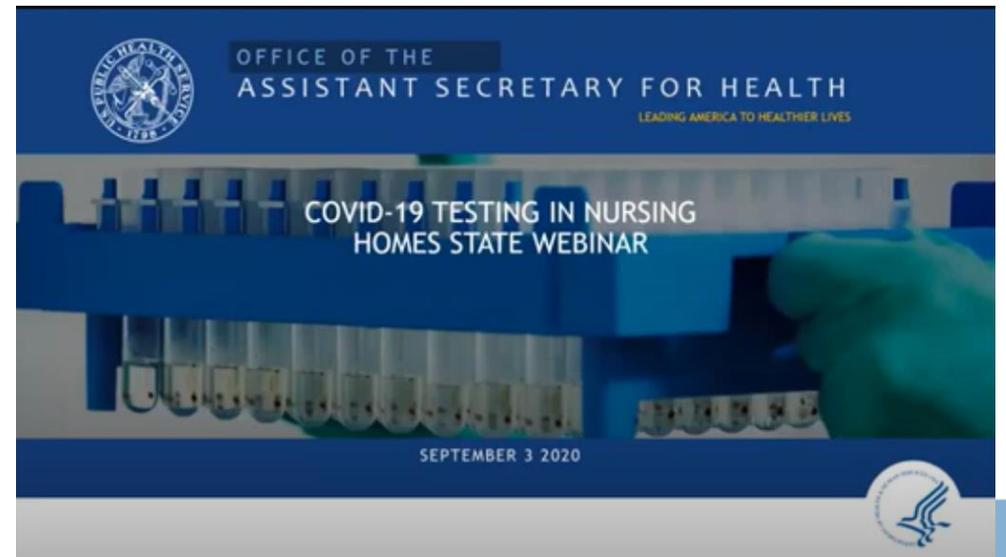
Infection Prevention

HHS COVID-19 Testing in Nursing Homes State Webinar

The webinar was developed to assist states in their continued outreach on the distribution of COVID-19 antigen tests to long term care facilities. In this webinar, test manufacturers, BD and Quidel, walk through steps associated with performing the BD Veritor and Quidel Sofia SARS-CoV-2 antigen tests.

*Link to Webinar: <https://www.youtube.com/watch?v=8oCRqIY1kJw>

*PDF of frequently asked questions regarding antigen testing in long term care facilities:
<https://data.cms.gov/download/tv7a-xetf/application%2Fpdf>



- NHSN Point of Care Laboratory Reporting Pathway: CDC’s National Healthcare Safety Network (NHSN) will release a new Point of Care (POC) Laboratory Reporting Pathway within the NHSN LTC COVID-19 Module on October 15, 2020. The new Pathway will enable CMS-certified nursing homes, and other long-term care facilities, to meet the Department of Health and Human Services’ requirement to report SARS-CoV-2 point-of-care antigen test data, and other on-site COVID-19 laboratory testing data, to appropriate federal and state health authorities. Using the pathway will require an upgraded NHSN Secure Access Management Service (SAMS) from Level 1 to Level 3. Please be on the lookout for an email invitation from CDC to perform this upgrade. Nursing homes and other long-term care facilities can also email nhsn@cdc.gov with the subject line “Enhancing Data Security” to begin upgrading their SAMS access to use this Pathway.

PPE Fatigue

*Continue to encourage and reinforce proper PPE use, especially in our HCWs who are wearing it for extended periods of time.

*PPE is important: allows disease investigators to consider PPE use when looking at close contacts in exposure cases. Healthcare Worker Risk Assessment:

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

*Educational webinar examining PPE use and fatigue in HCWs, with links to resources and opportunities for improvement:

<https://www.youtube.com/watch?v=CJlbXaduIYY&feature=youtu.be>



**NETEC COVID-19 Webinar Series:
Got Masks? PPE Compliance and Fatigue
in the First Responder Realms**

Infection Control Question?

Email: DOHInfectionControl@state.sd.us

Community Mitigation

Dashboard

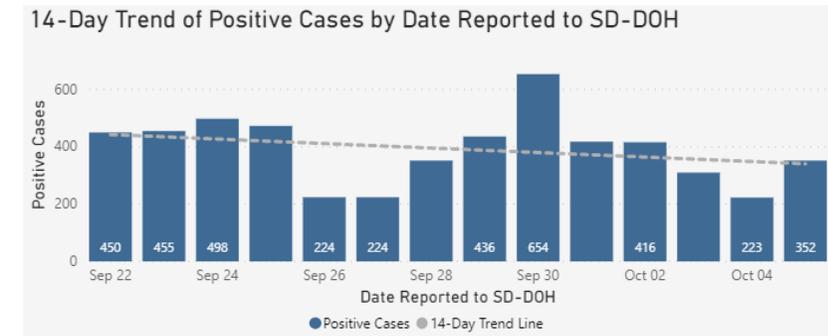
SD Overview	Demographics	Hospital Capacity	Trends	Tables
New Total Cases Today 609	New Confirmed Cases 562	New Probable Cases 47		
Currently Hospitalized 273	Active Cases 4,511	Recovered Cases 21,137		
Total Cases 25,906	Total Confirmed Cases 25,433	Total Probable Cases 473		
Ever Hospitalized 1,697	Total Persons Tested 208,780	Total Tests 309,841		
Deaths 258	% Progress (September Goal: 44,233 Tests) 216%	% Progress (October Goal: 44,233 Tests) 45%		

SD Overview	Demographics	Hospital Capacity	Trends	Tables
-------------	--------------	-------------------	--------	--------

County

RT-PCR Test Positivity Rate, Last 1 Day 10.0%	RT-PCR Test Positivity Rate, Last 7 Days 9.6%	RT-PCR Test Positivity Rate, Last 14 Days 10.4%	RT-PCR Test Positivity Rate, Cumulative 8.9%
---	---	---	--

RT-PCR Test Positivity Rate: This rate is equal to the number of positive RT-PCR tests divided by total RT-PCR tests, within the specified period of time.



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 sources of information:

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**



SOUTH DAKOTA DEPARTMENT OF HEALTH

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**



SOUTH DAKOTA DEPARTMENT OF HEALTH

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