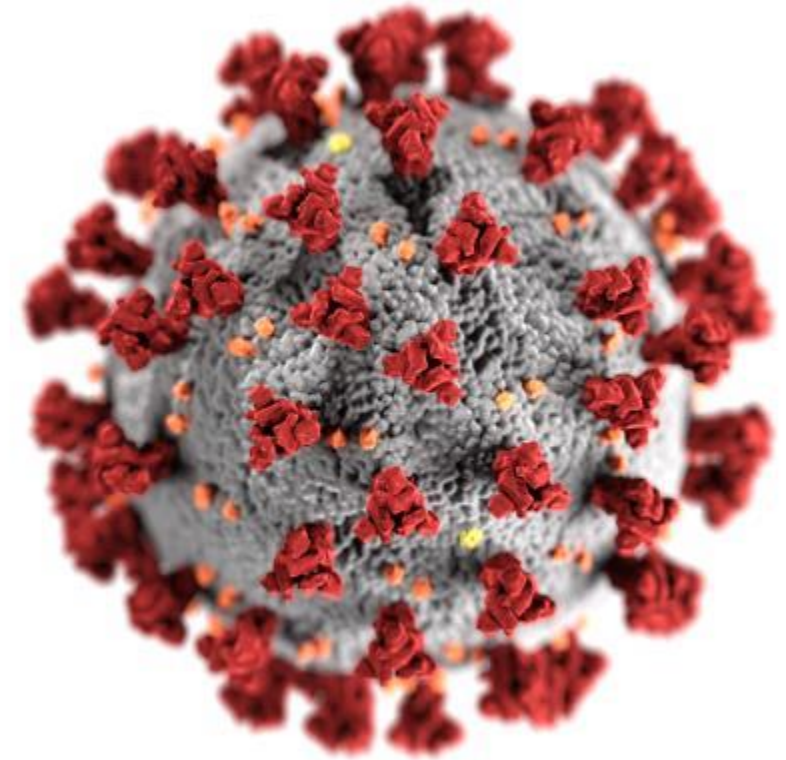


2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

November 5, 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 November 4, 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

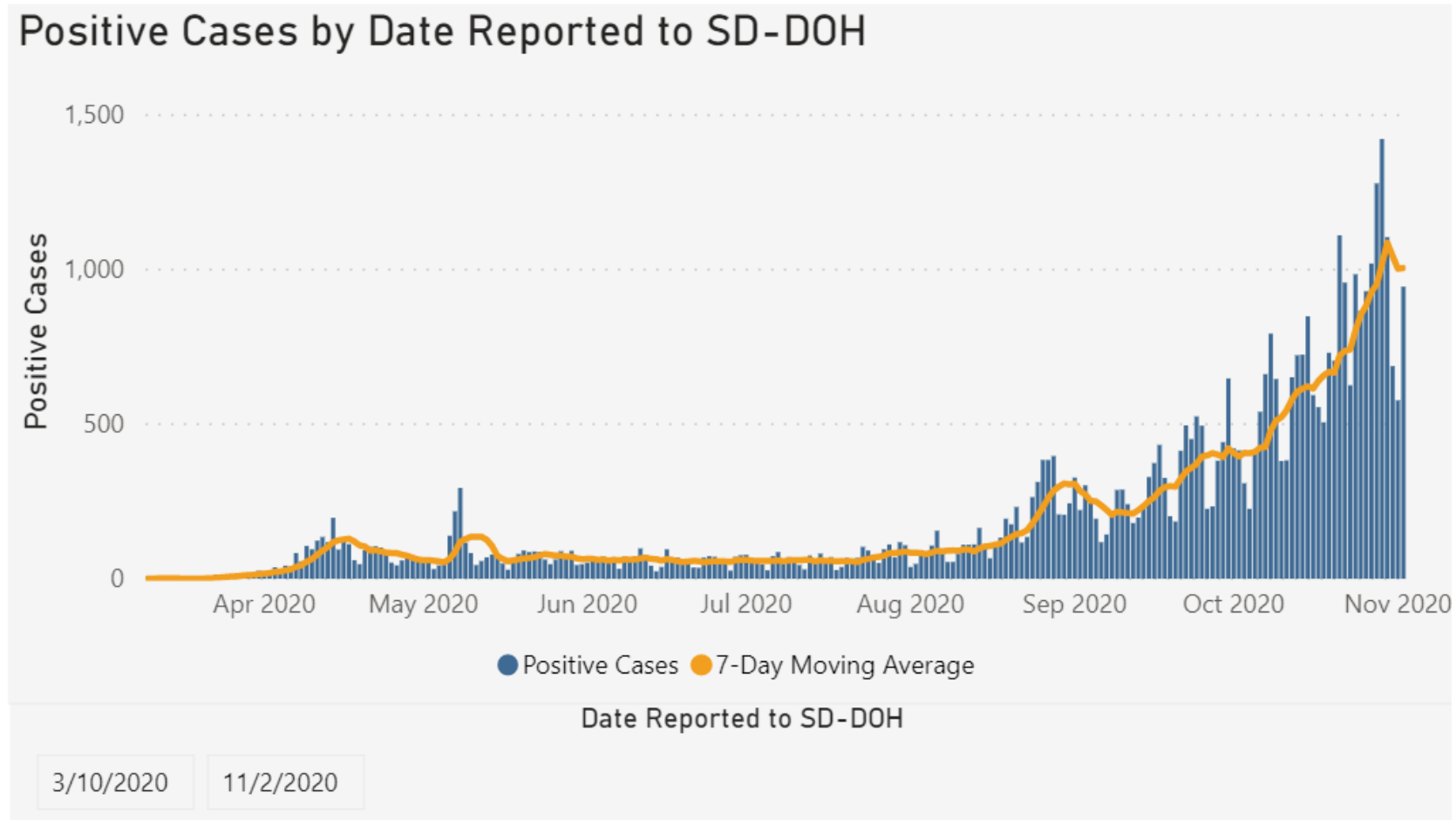
- Situation Update
- Laboratory Guidance
- Long Term Care
- Vaccination Update
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session



Coronavirus Situation (as of November 4, 2020)

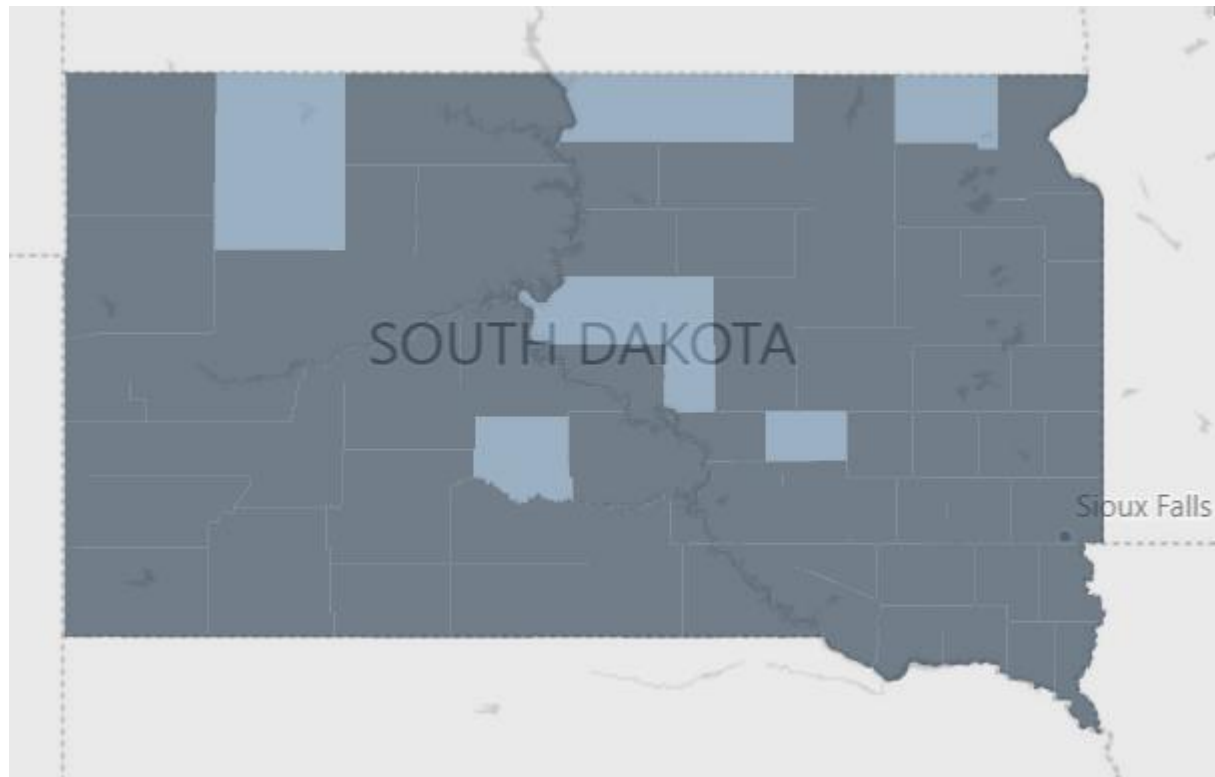
- [International](#)
 - 47,362,304 confirmed cases
 - 1,211,986 deaths
- [United States](#) (50 states + DC)
 - 9,268,818 confirmed cases
 - 230,893 deaths
- [South Dakota](#)
 - 47,653 confirmed cases, 2,138 probable cases
 - 460 deaths
 - 35,423 recovered cases

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



As of November 4, 2020

COVID-19 Case Map, by County



Substantial Community Spread

Aurora	Edmunds	Mellette
Beadle	Fall River	Miner
Bennett	Faulk	Minnehaha
Bon Homme	Grant	Moody
Brookings	Gregory	Oglala Lakota
Brown	Haakon	Pennington
Brule	Hamlin	Potter
Buffalo	Hand	Roberts
Butte	Hanson	Sanborn
Charles Mix	Harding	Spink
Clark	Hughes	Stanley
Clay	Hutchinson	Todd
Codington	Jackson	Tripp
Corson	Kingsbury	Turner
Custer	Lake	Union
Davison	Lawrence	Walworth
Day	Lincoln	Yankton
Deuel	Lyman	Ziebach*
Dewey	McCook	
Douglas	Meade	

As of November 4, 2020

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

Update: Characteristics of Symptomatic Women of Reproductive Age with Laboratory-Confirmed SARS-CoV-2 Infection by Pregnancy Status — United States, January 22–October 3, 2020

Outcome*/Characteristic	No. (per 1,000 cases) of symptomatic women	
	Pregnant (n = 23,434)	Nonpregnant (n = 386,028)
ICU admission [¶]		
All	245 (10.5)	1,492 (3.9)
Invasive ventilation ^{††}		
All	67 (2.9)	412 (1.1)
ECMO ^{***}		
All	17 (0.7)	120 (0.3)

Characteristic	No. (%) of symptomatic women		
	Pregnant (n = 23,434)	Nonpregnant (n = 386,028)	Total (N = 409,462)
Race/Ethnicity[§]			
Hispanic or Latina, any race	6,962 (29.7)	85,618 (22.2)	92,580 (22.6)
AI/AN, non-Hispanic	113 (0.5)	1,652 (0.4)	1,765 (0.4)
Asian, non-Hispanic	560 (2.4)	8,605 (2.2)	9,165 (2.2)
Black, non-Hispanic	3,387 (14.5)	54,185 (14.0)	57,572 (14.1)
NHPI, non-Hispanic	119 (0.5)	1,526 (0.4)	1,645 (0.4)
White, non-Hispanic	5,508 (23.5)	124,305 (32.2)	129,813 (31.7)
Multiple or other race, non-Hispanic	726 (3.1)	12,341 (3.2)	13,067 (3.2)



Birth and Infant Outcomes Following Laboratory-Confirmed SARS-CoV-2 Infection in Pregnancy — SET-NET, 16 Jurisdictions, March 29–October 14, 2020

No. of women (%)
[Total no. of women with available information]

Characteristic	No. of women (%)			
	Total N = 4,442 (100.0)	With symptomatic* infection N = 2,315 (52.1)	With asymptomatic infection N = 376 (8.5)	Unknown symptom status N = 1,751 (39.4)
Gestational age among live births	[3,912]	[2,137]	[287]	[1,488]
Term (≥37 weeks)	3,406 (87.1)	1,840 (86.1)	244 (85.0)	1,322 (88.8)
Preterm (<37 weeks)	506 (12.9)	297 (13.9)	43 (15.0)	166 (11.2)
Late preterm (34–36 weeks)	357 (9.1)	211 (9.9)	28 (9.8)	118 (7.9)
Moderate preterm (32–33 weeks)	50 (1.3)	32 (1.5)	6 (2.1)	12 (0.8)
Very preterm (28–31 weeks)	69 (1.8)	41 (1.9)	6 (2.1)	22 (1.5)
Extremely preterm (<28 weeks)	30 (0.8)	13 (0.6)	3 (1.0)	14 (0.9)
Race/Ethnicity	[3,523]	[2,026]	[308]	[1,189]
Hispanic or Latina	1,622 (46.0)	876 (43.2)	138 (44.8)	608 (51.1)
Asian, non-Hispanic	122 (3.5)	78 (3.8)	5 (1.6)	39 (3.3)
Black, non-Hispanic	741 (21.0)	410 (20.2)	80 (26.0)	251 (21.1)
White, non-Hispanic	914 (25.9)	592 (29.2)	78 (25.3)	244 (20.5)
Multiple or other race, non-Hispanic	124 (3.5)	70 (3.5)	7 (2.3)	47 (4.0)



Selected CDC Updates

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

Vaccines: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/index.html>

Data on COVID-19 during Pregnancy: Severity of Maternal Illness:
<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/special-populations/pregnancy-data-on-covid-19.html>

Interim Clinical Guidance for Management of Patients with Confirmed Coronavirus Disease (COVID-19): <https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-guidance-management-patients.html>

Considerations for Wearing Masks: <https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/cloth-face-cover-guidance.html>

Laboratory Guidance

Statewide Priority Populations for SARS-CoV-2 Testing

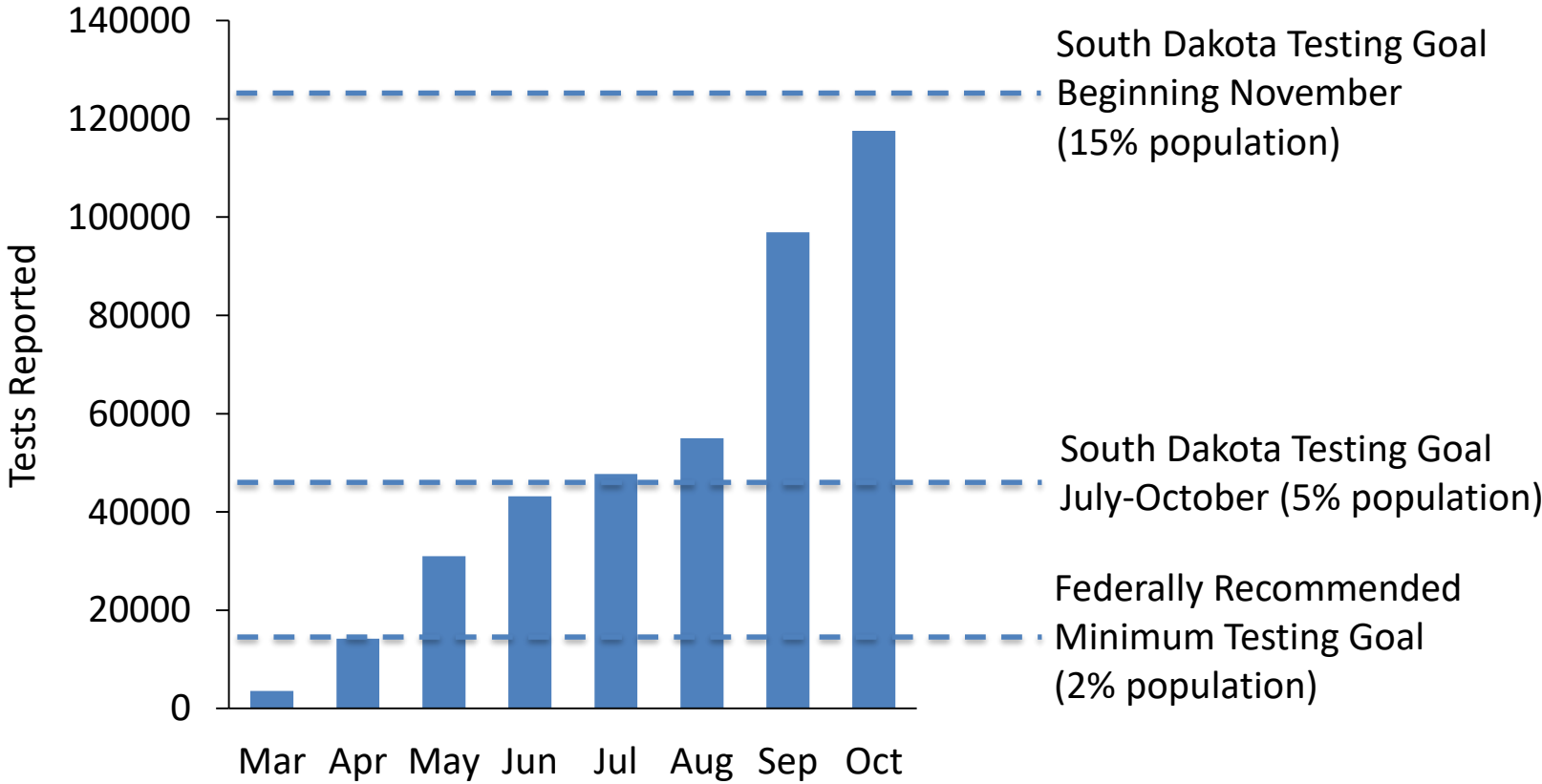
It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider

- 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 (inmates and staff)
 - Tribes (tribal members)

Statewide SARS-CoV-2 Testing Goal

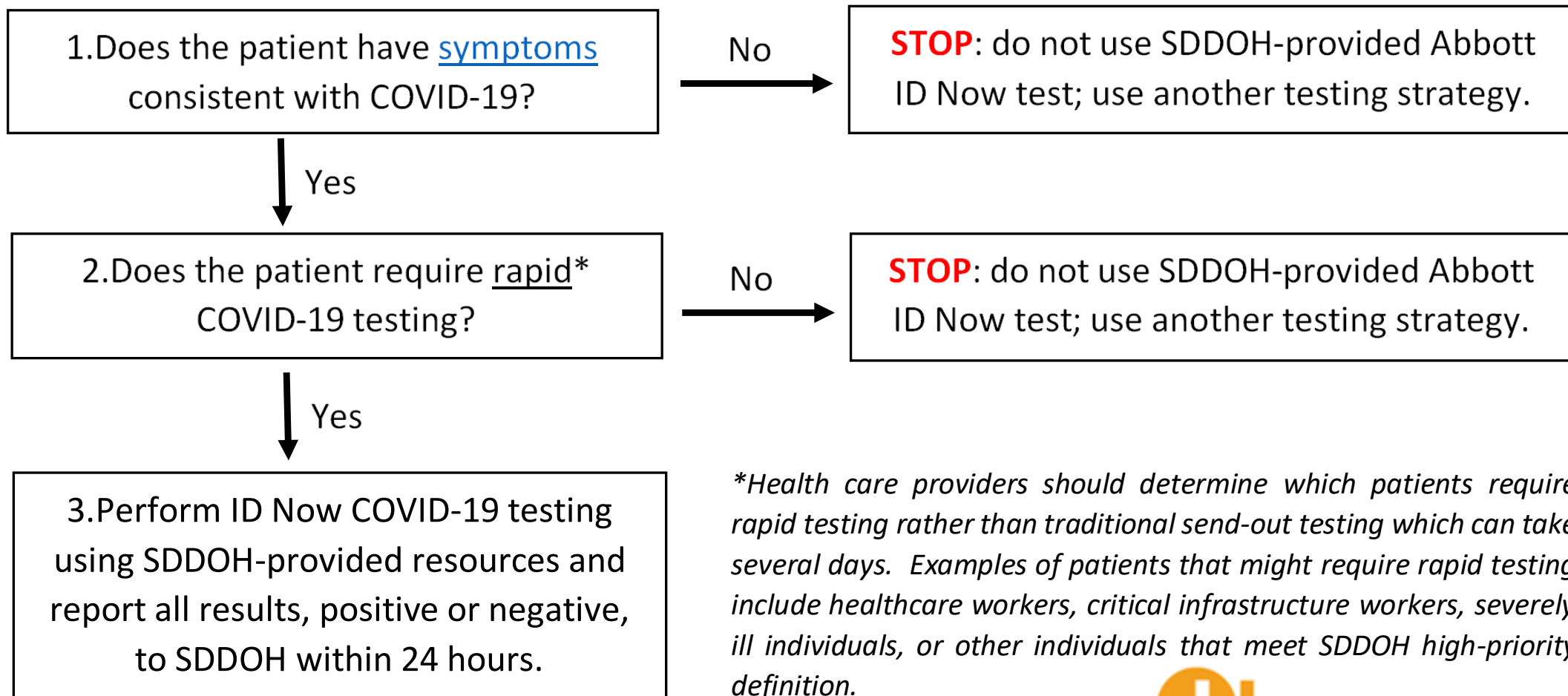


Initiatives to Increase SARS-CoV-2 Testing

- Report ALL COVID-19 test values to SDDOH
- Tribal Sentinel Surveillance Testing:
 - As many as 8,000 tests/month
- Statewide distribution of BinaxNOW antigen tests:
 - 260,000 tests will be available in South Dakota
- At-home saliva testing:
 - As many as 10,000 tests for several initiatives
- Other state and federally supported testing initiatives:
 - As many as 10,000 tests by end of year



Abbott ID Now: Recommendations for Use



**Health care providers should determine which patients require rapid testing rather than traditional send-out testing which can take several days. Examples of patients that might require rapid testing include healthcare workers, critical infrastructure workers, severely ill individuals, or other individuals that meet SDDOH high-priority definition.*

Confirmation of Antigen Test Results: Updated

- Confirmation of antigen test results should be considered for the following scenarios:
 - Symptomatic individuals in settings with high positivity rate who test negative for SARS-CoV-2 using an antigen test
 - Asymptomatic individuals in settings with low positivity rate who test positive for SARS-CoV-2 using an antigen test
- It is not recommended to confirm one antigen test with another antigen test. Confirm antigen test results with a molecular test if possible.

FDA EUA Updates

- FDA has issued Emergency Use Authorization for the following:
 - 189 (2): Molecular Diagnostic Tests for SARS-CoV-2
 - 56 (1): Serological Tests
 - 34: Molecular-Based Laboratory Developed Tests for SARS-CoV-2
 - 7: Antigen Diagnostic Tests for SARS-CoV-2
- Notable Updates:
 - Serology Test: [Access Bio CareStart COVID-19 IgM/IgG \(lateral flow assay\)](#)
 - Diagnostic Test: [LabCorp RT-PCR \(pooling\)](#)

Long Term Care

Disease Impact – United States

as of 10.18.20

Resident Cases and Deaths

TOTAL COVID-19 CONFIRMED CASES

268,707

TOTAL COVID-19 SUSPECTED CASES

150,195

TOTAL COVID-19 DEATHS

61,765

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

Long Term Care in South Dakota

Nursing Homes and Assisted Living Centers

- Cumulative Total Resident Cases – 1329
- Cumulative Total Resident Active Cases – 736
- Cumulative Total Resident Deaths – 247
- Cumulative Total LTC with Case – 186
- Current Total of LTC Case – 127
- Cumulative Total Case in Staff – 780
- Total Active Cases in Staff – 493
- Cumulative Total Staff Hospitalized – 22

**self-reported by touch-base calls
As of 11/04/20 – all data is provisional*

Holiday Visitation During COVID 19 Pandemic

- Focus efforts on encouraging families to keep residents safe during the holidays.
- Educate families on the risk of taking loved ones out of the facility.
- Determine other ways to conduct visitation – virtual, not the same but may keep them safe.
- Continue with Core Infection Control principles (Required CMS Memo 20-39).
- Follow CDC guidance on “Holiday Celebrations” (updated 10/19/20).
- Follow facility policy for visitation to include holiday timeframes.
- Upon the resident’s return place them on observation as if a new admit.
 - The residents are not cohorted with positive or suspected COVID cases.
 - They are placed on observation and monitored for COVID signs and symptoms.

With the exception of Memo 20-39, the above are not requirements/rules/regulations and are not in writing). They are recommendations voiced by CMS.

Fit-Testing Kits

- 102 fit-testing kits were shipped this week.
- Shipments went out to skilled nursing facilities and emergency medical services.
- No sign-up was required they were automatically shipped.
- Shipments did not include assisted living centers.
- Email questions to DOHSafety@state.sd.us.



Vaccination Update

COVID-19 Vaccination

Within 24 hours of vaccine availability, the Advisory Committee on Immunization Practices (ACIP) will make recommendations regarding priority populations for COVID vaccine. The Department of Health has identified the following populations for initial COVID vaccination pending ACIP recommendations and the state's vaccine allocation from the federal government.

- Phase 1A
 - Healthcare workers in emergency rooms, ICUs, and COVID units
 - EMS workers
 - Staff in long-term care facilities
- Phase 1B
 - Residents in long-term care facilities
 - Other healthcare workers

The Department of Health will post the information about priority populations and vaccine availability on the [COVID.SD.GOV](https://www.southdakota.gov/COVID-19) website.

Potential Allocation for South Dakota

			Scenario doses	
US Population	SD Population	SD % of US Population	10,000,000	40,000,000
328,200,000	884,659	0.269549%	26955	107820

Infection Prevention

The following Healthcare IPC Guidance has been updated on the CDC:

PPE GUIDANCE	SUMMARY OF RECENT UPDATES
<u>Strategies for Optimizing the Supply of Eye Protection</u>	Added considerations for returning to conventional capacity practices.
<u>Strategies for Optimizing the Supply of Disposable Medical Gloves</u>	Added considerations for returning to conventional capacity practices.
<u>Implementing Filtering Facepiece Respirator (FFR) Reuse, Including Reuse after Decontamination, When There Are Known Shortages of N95 Respirators</u>	
<u>Strategies for Optimizing the Supply of Isolation Gowns</u>	Added considerations for returning to conventional capacity practices. <ul style="list-style-type: none">• Moved the use of reusable (i.e., washable or cloth) isolation gowns to conventional capacity strategies.• Edited the section on consideration of the use of coveralls.• Added language to the section on prioritizing the use of gowns.• Moved the crisis capacity strategy of re-use of isolation gowns to the bottom of the list and added cautionary statements about the risks of this strategy on HCP and patient safety.

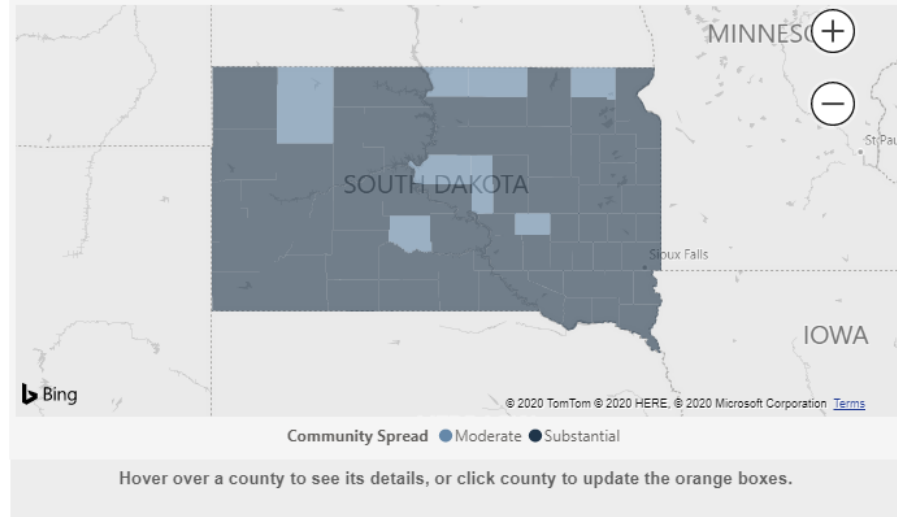
Community Mitigation

Dashboard

SD Overview	Demographics	Hospital Capacity	Trends	Tables
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New Confirmed Cases 795	New Probable Cases 142	Active Cases 13,908	Recovered Cases 35,423	Currently Hospitalized 483
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Community Spread Map by County of Residence



Total Confirmed Cases 47,653	Total Probable Cases 2,138	Total Persons Tested 266,796	Total Tests 450,431
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Ever Hospitalized 2,873	Deaths 460	% Progress (October Goal: 44,233 Tests) 328%	% Progress (November Goal: 44,233 Tests) 25%
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SD Overview	Demographics	Hospital Capacity	Trends	Tables
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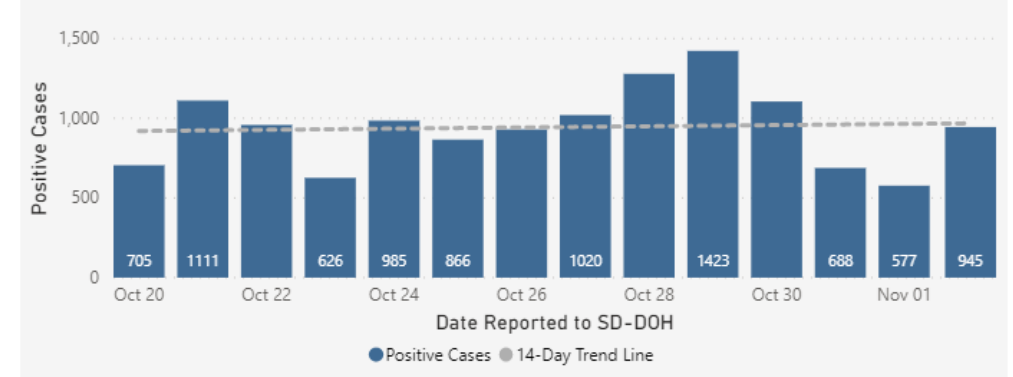
County

All

RT-PCR Test Positivity Rate, Last 1 Day 17.7%	RT-PCR Test Positivity Rate, Last 7 Days 20.2%	RT-PCR Test Positivity Rate, Last 14 Days 19.6%	RT-PCR Test Positivity Rate, Cumulative 10.9%
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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.

14-Day Trend of Positive Cases by Date Reported to SD-DOH



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

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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