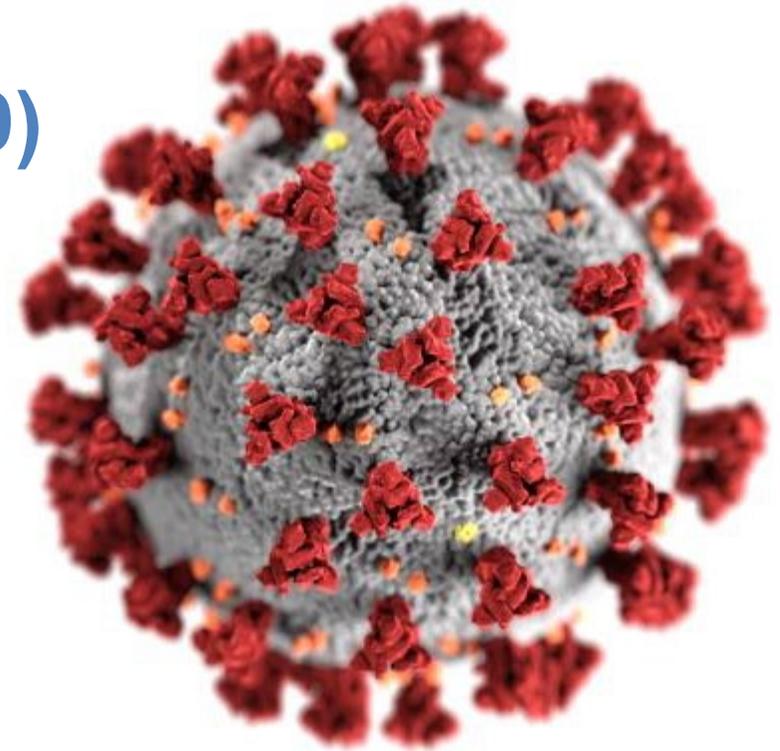


2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

May 28, 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 May 27, 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.





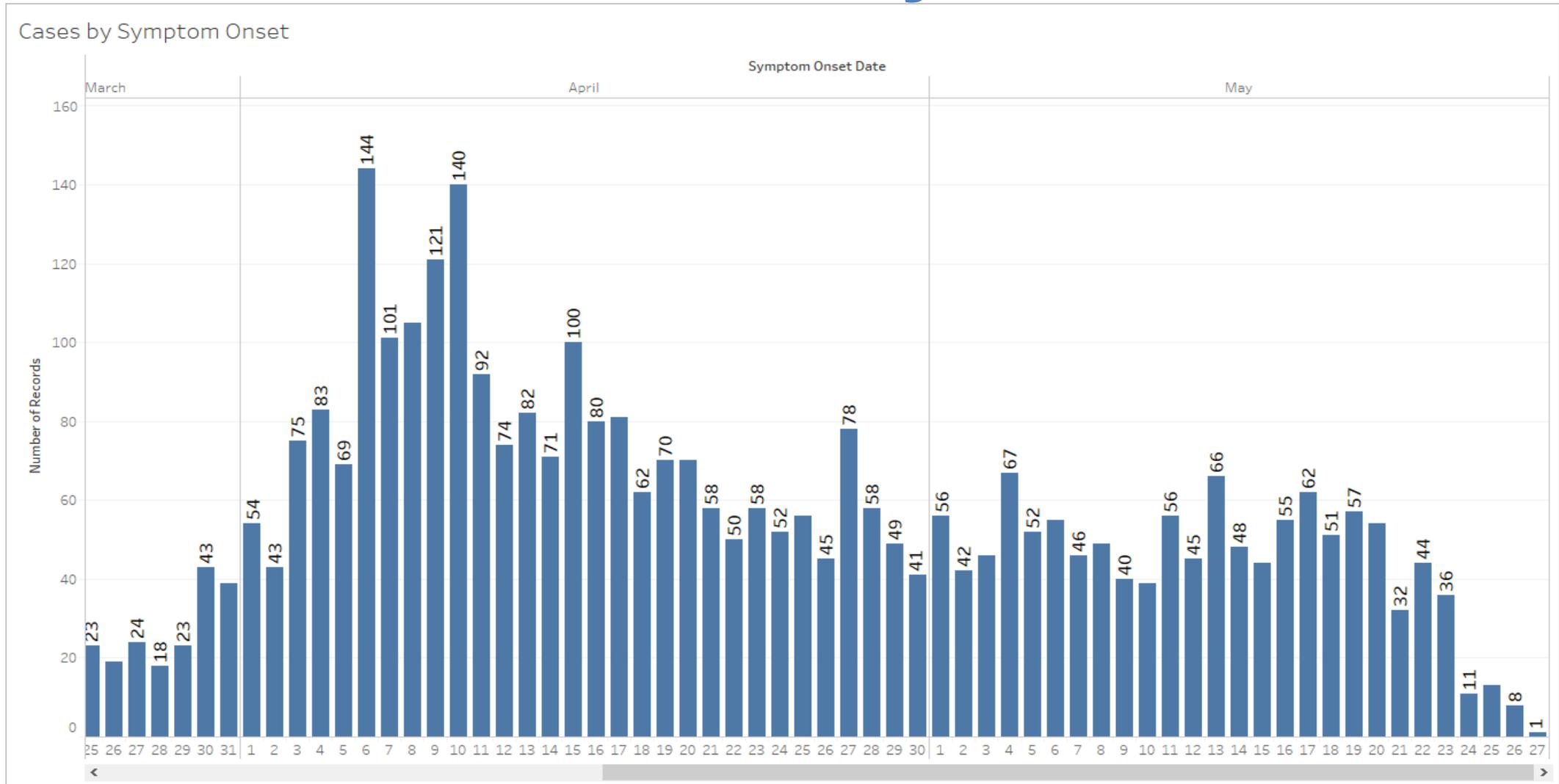
Situation Update

Coronavirus Situation (as of May 28, 2020)

- [International](#)
 - 5,488,825 confirmed cases
 - 349,095 deaths
- [United States](#) (50 states + DC)
 - 1,678,843 confirmed cases in U.S.
 - 99,031 deaths
- [South Dakota](#)
 - 4,710 confirmed cases in South Dakota
 - 54 deaths
 - 3,619 recovered



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



Who is considered a Close Contact?

Someone who has spent prolonged time (15 minutes) with a case, including:



Spending time in the same room



Direct personal contact, such as hugging



Contact with respiratory droplets, such as through sneeze or cough



Sharing eating/drinking utensils

Re-exposure and Subsequent Re-infection for Previous COVID-19 Cases

From CDC FAQs

- CDC and partners are investigating to determine if you can get sick with COVID-19 more than once. At this time, we are not sure if you can become re-infected. Until we know more, continue to take steps to protect yourself and others.

General Testing Recommendations

Medical providers should consider testing individuals, using a viral test, with the following signs and symptoms of COVID-19:

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

- 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





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



LTC Testing for SARS-CoV-2

- South Dakota Department of Health constructed a tiered plan to test residents and staff in skilled nursing facilities and then assisted living centers over a one month period
- Specimens will be collected and tested in partnership with Sanford, Avera, and Monument healthcare systems in South Dakota, as well as the South Dakota Public Health Laboratory, Mayo Clinic Laboratory, and LabCorp

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



Specimen Collection Support for LTC Testing

- LTC facilities are encouraged to reach out to healthcare partners such as Home Health, Rural Health Clinics, and local hospitals for assistance with specimen collection.
- Department of Health provides funding to assist with specimen collection. Grants will be provided to facilities that provide specimen collection services

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

PPE Support for LTC Testing

- Nasopharyngeal swab collection is an aerosol generating procedure
- PPE is needed for specimen collection
- DOH will provide PPE to support LTC testing

Please submit PPE requests to the following:

COVIDResourceRequests@state.sd.us



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

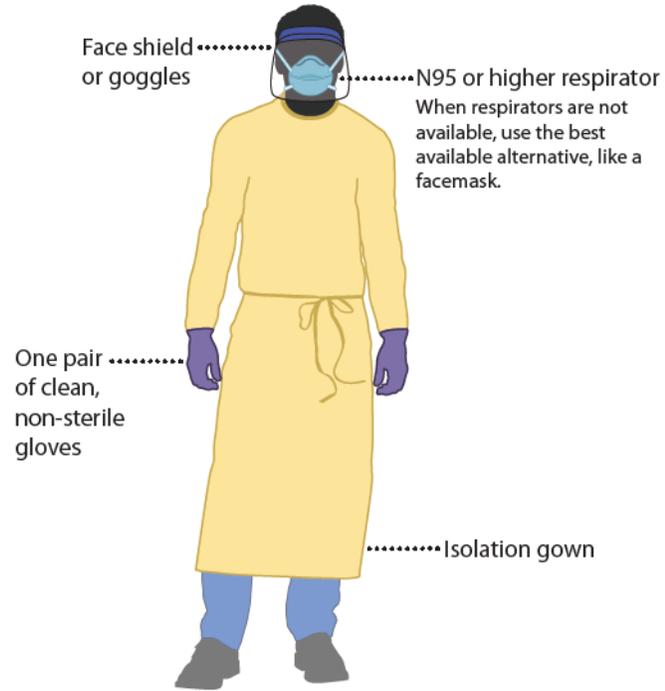
Jennifer.Maeschen@state.sd.us



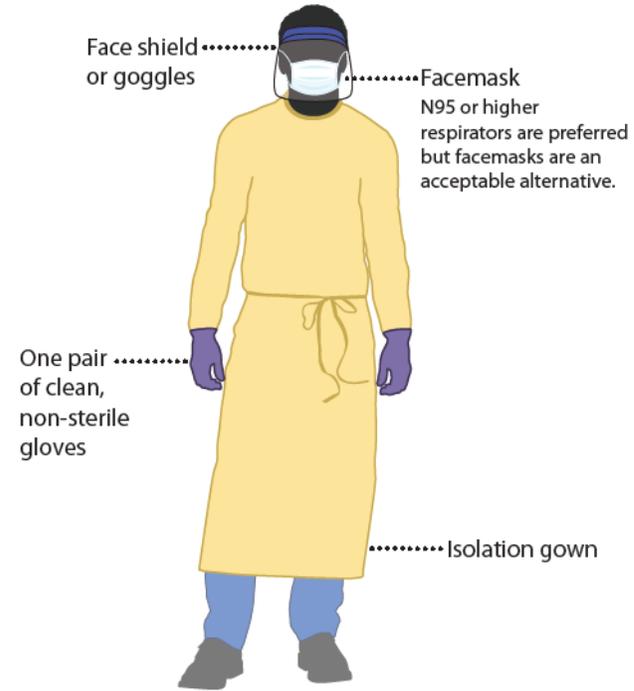
Infection Prevention

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)



SOUTH DAKOTA DEPARTMENT OF HEALTH

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

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 procedure 	<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.

Given the potential for asymptomatic transmission of SARS-CoV-2, what personal protective equipment (PPE) should be worn by healthcare personnel (HCP) providing care to patients who are not suspected to have COVID-19?

... To protect patients and co-workers, HCP should wear a facemask at all times while they are in a healthcare facility (i.e., practice source control).

•HCP working in facilities located in areas with moderate to substantial community transmission are more likely to encounter asymptomatic patients with COVID-19. If COVID-19 is not suspected in a patient presenting for care ... should also:

- Wear eye protection in addition to their facemask to ensure the eyes, nose, and mouth are all protected from splashes and sprays of infectious material from others.
- Wear an N95 or higher-level respirator, instead of a facemask, for:
 - Aerosol-generating procedures (See [Which procedures are considered aerosol generating procedures in healthcare settings FAQ](#)) and
 - Surgical procedures that might pose higher risk for transmission if the patient has COVID-19 (e.g., that generate potentially infectious aerosols or involving anatomic regions where viral loads might be higher, such as the nose and throat, oropharynx, respiratory tract) (see [Surgical FAQ](#) below).
- Respirators with exhalation valves are not recommended for source control and should not be used during surgical procedures as unfiltered exhaled breath would compromise the sterile field

Make the Smart Choice!

Know your protection. Wear it consistently.
Reduce your exposure risk.

Procedure Mask

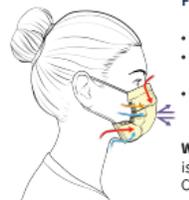


N95 Respirator



PROTECTION

Resists and Protects Against Fluid Contaminants



- Resists fluid and **larger droplets**.
- Protects patients from your respiratory emissions.
- Does not protect you from patients' small particle aerosols.

Why: Masks are sufficient when contagion is not transmitted through aerosol. Conserves N95 inventory.

Provides a Higher Level of Protection Against Airborne and Fluid Contaminants



- Resists **small particle aerosol** and **large droplets**.
- Filters 95% or more of **small and large airborne particles** (as small as 0.3 microns).

Why: N95 respirators provide a higher level of protection when contagion is transmitted through air particles.

FIT

Not Fit-Tested



- Loose-fitting.
- No seal check required.
- Leakage around mask during inhalation and exhalation.

Why: Fit is sufficient for protection level.

Fit-Tested



- Tight-fitting.
- Seal check required for every donning event.
- No leakage during inhalation or exhalation when properly fitted and donned.

Why: Fit is imperative for optimal protection level.

USE

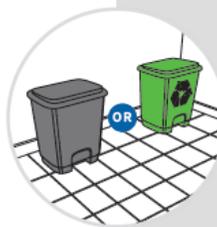
Disposable

- While normally discarded after a single use, masks may need to be reused during crisis events.

Dispose of when:

- Visibly wet, overly damp, torn, dirty or contaminated with respiratory or bodily secretions from patient.

Why: Reusing and recycling conserves procedure mask inventory.



Reusable If Clean

- Use for multiple patient encounters if clean.
- Recycle if facility has procedures in place to ensure adequate decontamination and preservation of function of respirators.

Dispose of when:

- Visibly wet, overly damp, torn, dirty or contaminated with respiratory or bodily secretions from patient.
- Unable to perform seal check.

Why: Reusing and recycling conserves N95 inventory.

NETEC Flyers

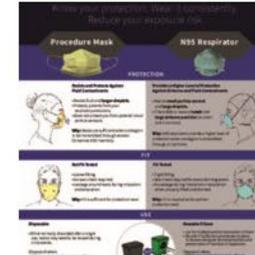
PPE Conservation (flyers)



[Know Your PPE](#)



[Practice PPE Safety](#)



[Make the Smart Choice - Procedure Mask vs. N95 Respirator selection](#)



[COVID-19 Resources: Conserving PPE flyer](#)



[COVID-19 PPE Guidance](#)



[Putting ON PPE \(ACE\)](#)



[Taking OFF PPE \(ACE\)](#)



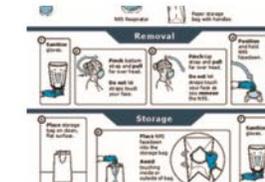
[Putting ON PPE \(DICE\)](#)



[Taking OFF PPE \(DICE\)](#)



[COVID-19 Resources: Extended Wear PPE flyer](#)



[COVID-19 Resources: Extended Wear PPE flyer](#)



[COVID-19 Resources: Extended Wear PPE flyer \(reuse gown, single gloves\)](#)

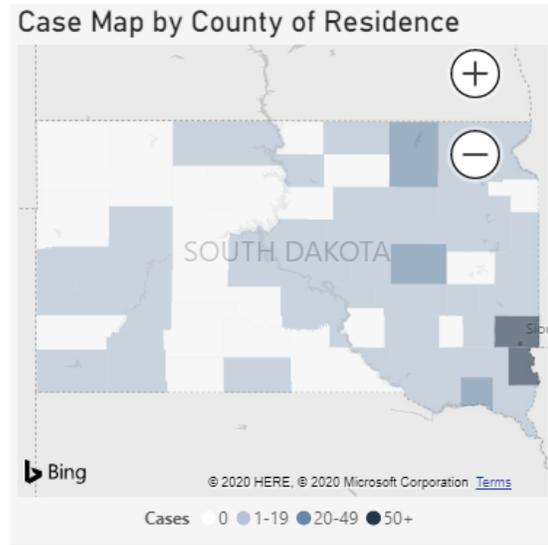
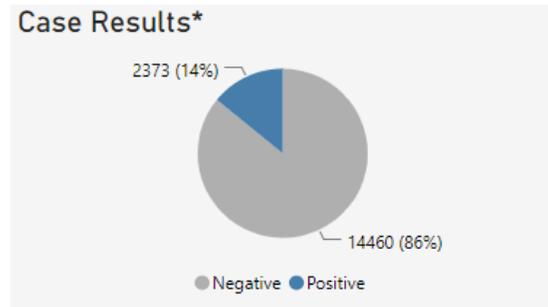
Additional Infection Control Discussions

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

Community Mitigation

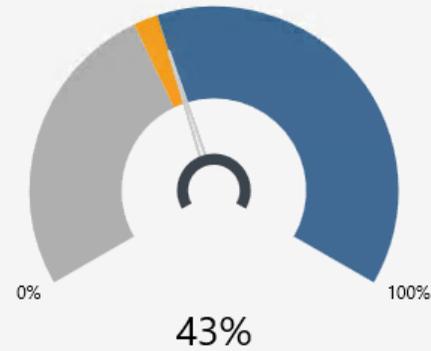
SD Overview	Demographics	Tables
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Active Cases 868	Currently Hospitalized 69	Recovered 1492
Total Positive Cases* 2373	Ever Hospitalized** 165	Deaths*** 13



SD Overview	Demographics	Hospital Capacity	Tables
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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



Dashboard

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.

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](tel: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.

On-going Communication

Helpful Information Sources

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

[coronavirus.gov](https://www.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

COVIDSD@state.sd.us

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

