2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

February 18, 2021

We will begin in just a few moments. Thanks!

Not intended for press or for reporting purposes.
This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of February 17, 2021. Please check the South Dakota Department of Health website for the most current information and guidance.

[COVID.sd.gov](https://COVID.sd.gov)
Agenda

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

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Coronavirus Situation (as of February 17, 2021)

- **International**
  - 109,217,366 confirmed cases
  - 2,413,912 deaths

- **United States** (50 states + DC)
  - 27,600,391 confirmed cases
  - 486,466 deaths

- **South Dakota**
  - 110,685 confirmed and probable cases
  - 1,844 deaths
  - 106,769 recovered cases
Epidemiologic “Epi” Curve of COVID-19 Cases, by Date Reported to SD-DOH

As of February 17, 2021

Not intended for press or for reporting purposes.
COVID-19 Case Map, by County

Substantial Community Spread

- Beadle*
- Brookings
- Brown
- Charles Mix
- Clark
- Codington
- Day
- Grant
- Gregory*
- Hughes
- Lincoln
- Minnehaha
- Pennington
- Roberts
- Spink
- Union

* New County

As of February 17, 2021

Not intended for press or for reporting purposes.
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


As of June 18, 2020

Not intended for press or for reporting purposes.
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](http://sd.gov/diseasereport)
  • Fax – 605.773.5509

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CDC Travel Recommendations

Pre-Travel:
• International travelers must show proof of a negative COVID-19 test no more than three days before a flight to the United States OR provide proof of recovery from COVID-19
• Domestic travelers are recommended to get tested no more than three days before a flight within the United States

During travel:
• A properly fitting mask must be worn while boarding, disembarking, and travelling on all public conveyances for travel into, out of, and within the United States

Post-Travel:
• CDC recommends that all travelers, international and domestic, get tested upon arrival on days 3-5 AND stay home for 7 days post-travel
• Monitor symptoms for 14 days after travel even with negative test results
• If you do not get tested, quarantine for 10 days

https://www.cdc.gov/coronavirus/2019-ncov/php/risk-assessment.html#:~:text=All%20travelers%20should%20be%20advised,themselves%20for%20symptoms%20of%20COVID%2D

Not intended for press or for reporting purposes.
As of February 15, 2021

Not intended for press or for reporting purposes.
### COVID-19 Cases, Hospitalizations, and Deaths by Race/Ethnicity

<table>
<thead>
<tr>
<th></th>
<th>American Indian or Alaska Native, Non-Hispanic persons</th>
<th>Asian, Non-Hispanic persons</th>
<th>Black or African American, Non-Hispanic persons</th>
<th>Hispanic or Latino persons</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cases</strong>¹</td>
<td>1.9x</td>
<td>0.7x</td>
<td>1.1x</td>
<td>1.3x</td>
</tr>
<tr>
<td><strong>Hospitalization</strong>²</td>
<td>3.7x</td>
<td>1.1x</td>
<td>2.9x</td>
<td>3.2x</td>
</tr>
<tr>
<td><strong>Death</strong>³</td>
<td>2.4x</td>
<td>1.0x</td>
<td>1.9x</td>
<td>2.3x</td>
</tr>
</tbody>
</table>

Race and ethnicity are risk markers for other underlying conditions that affect health, including socioeconomic status, access to health care, and exposure to the virus related to occupation, e.g., among frontline, essential, and critical infrastructure workers.

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**How to Slow the Spread of COVID-19**

- Wear a mask
- Stay 6 feet apart
- Avoid crowds and poorly ventilated spaces
- Wash your hands

[cdc.gov/coronavirus](http://cdc.gov/coronavirus)
% of Total Cases, Hospitalizations, and Deaths by Race

Overall State Population

- White: 84.56%
- Native American: 9.04%
- Unknown: 6.40%
- Other: 6.00%

Cases

- White: 76.37%
- Native American: 12.22%
- Unknown: 6.37%
- Other: 5.04%

Hosp

- White: 72.39%
- Native American: 19.71%
- Unknown: 5.20%
- Other: 4.11%

Deaths

- White: 79.73%
- Native American: 13.81%
- Unknown: 2.36%
- Other: 2.30%

Not intended for press or for reporting purposes.
Selected CDC Updates

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

Health Equity Considerations and Racial and Ethnic Minority Groups:

Frequently Asked Questions about COVID-19 Vaccination:


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Laboratory Guidance
SARS-CoV-2 testing peaked in November and has steadily declined in December and January.

Decreased testing correlates with reduced case count and test positivity rate in South Dakota.

There remains a need to maintain a high level of testing statewide for a number of reasons:
- Symptomatic individuals
- End-of-quarantine testing
- Variant surveillance

Not intended for press or for reporting purposes.
SARS-CoV-2 Antigen Testing: Abbott BinaxNOW

- SDDOH continues to stock Abbott BinaxNOW COVID-19 Antigen test cards.

- For questions about BinaxNOW availability, please contact the following:
  - K-12 Schools: Joe.Moran@state.sd.us
  - Childcare Providers: Laura.Nordbye@state.sd.us
  - Long-term Care: Denise.Broadbent@state.sd.us
  - Healthcare: Laurie.Gregg@state.sd.us
  - Higher Education: Laurie.Gregg@state.sd.us
  - Businesses: Leanne.Nicholls@state.sd.us

- SDDOH continues to accept requests for BinaxNOW antigen cards
  - Joan.Adam@state.sd.us
  - Tim.Southern@state.sd.us

- Inquiries for BinaxNOW resources can also be directed to:
  - Dorothy.Ahten@abbott.com

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SARS-CoV-2 Antigen Testing: Abbott BinaxNOW

- Some BinaxNOW tests kits may be outdating soon.
- SDDOH asks that test kits with the earliest expiration dates be used first followed by kits with longer expiration dates.
- Kits that have expired can be returned to the SDDOH and will be replaced with a new kit.
- SDDOH can also help you place your unopened kits that are not expired in other approved locations in your community.
- Under very limited circumstances, expired kits can still be used. If you have an expired kit, please reach out to the SDDOH for further instructions.

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Monoclonal Antibody Therapies for COVID-19

- 4,848 doses of monoclonal antibody therapy have been allocated to South Dakota
- 3,367 patients have been treated with mAb therapy in South Dakota
- 1,481 doses are currently on-hand in South Dakota

Doses Allocated

<table>
<thead>
<tr>
<th>Cycle</th>
<th>Bamlanivimab</th>
<th>Regeneron</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycle 1</td>
<td>820</td>
<td></td>
</tr>
<tr>
<td>Cycle 2</td>
<td>540</td>
<td></td>
</tr>
<tr>
<td>Cycle 3</td>
<td>340</td>
<td>240</td>
</tr>
<tr>
<td>Cycle 4</td>
<td>340</td>
<td>140</td>
</tr>
<tr>
<td>Cycle 5</td>
<td>230</td>
<td>50</td>
</tr>
<tr>
<td>Cycle 6</td>
<td>230</td>
<td>50</td>
</tr>
<tr>
<td>Cycle 7</td>
<td>460</td>
<td>60</td>
</tr>
<tr>
<td>Cycle 8</td>
<td>472</td>
<td>20</td>
</tr>
<tr>
<td>Cycle 9</td>
<td>660</td>
<td>30</td>
</tr>
<tr>
<td>Cycle 10</td>
<td>90</td>
<td>70</td>
</tr>
<tr>
<td>Cycle 11</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

One-week allocation cycles
Two-week allocation cycles

Not intended for press or for reporting purposes.
Direct Ordering Information for mAb Therapies

• The South Dakota Department of Health will no longer participate in the mAb therapy allocation process.

• The US Government has developed a process for sites to directly order from the distributor, AmerisourceBergen (ABC). More information can be found here: COVID-19 Monoclonal Antibody Therapeutics Direct Order Process (Fact Sheet)

• Sites requesting mAb therapy will be required to:
  – Provide AmerisourceBergen with a board of pharmacy license or physician letter of authorization
  – Attest to their designated class of trade and that they will administer the authorized product according to the terms of the FDA issued EUA
  – Provide utilization data via either TeleTracking or NHSN

*Not intended for press or for reporting purposes.*
General Information for mAb Therapies

- General information can be found: COVID-19 Monoclonal Antibody Therapeutics Key Resources for Providers (Fact Sheet)

Key Resources for Providers

- Key website: https://www.phe.gov

Questions about mAb therapies can be directed to: Bob.Coolidge@state.sd.us

Not intended for press or for reporting purposes.
Long Term Care
Continue to remain vigilant.

- Please note, current CMS and CDC guidance in LTC has not yet changed.

- Regardless of the vaccination status of residents and staff in your facility, providers should continue to follow the Core Principles of Infection Prevention, PPE, and Visitation guidance until updated new recommendations are issued by CMS and CDC.

- The communal nature of long-term care facilities, and the population served, put those living in nursing homes at increased risk of infection and severe illness from COVID-19.

- Completed vaccination series should allow the Administrator and Governing Board confidence in allowing for more flexibility, safe visitation as well as resident movement. CMS guidance allows for visitation to be conducted through a variety of means based on a facility's structure and residents' needs.
PPE and BinaxNOW are available to facilitate visitation in LTC

To facilitate visitation please contact:

- PPE – email a request form to COVIDResourceRequests@state.sd.us OR call 605.773.3048 and requesting entities must provide information regarding their current facility status.

- In looking forward to the end of the federal allocation of the BinaxNOW kits and to ensure use of these valuable resources, we will be pushing out another shipment of BinaxNOW kits to all LTC providers.

- Please look at your BinaxNOW expiration dates.
- Use kits with the earliest expiration date first.
- Please send an email to Cindy Koopman-Viergets at Cindy.KoopmanViergets@state.sd.us if you do not want these kits no later than Monday, February 22nd.
Disease Impact – United States as of 1.24.21

Resident and Staff Cases and Deaths

- Total Resident COVID-19 Confirmed Cases: 624,782
- Total Resident COVID-19 Deaths: 125,008
- Total Staff COVID-19 Confirmed Cases: 536,508
- Total Staff COVID-19 Deaths: 1,567

Long Term Care in South Dakota

Nursing Homes and Assisted Living Centers

- Current Number of LTC Facilities with Case – 13* (11 facilities with a case in staff only)
- Cumulative Total LTC Facilities with Case – 216
- Current Active Cases in a Resident – 6*
- Cumulative Total Resident Cases – 3,513
- Cumulative Total Resident Deaths – 857 (46% deaths among people with COVID-19)
- Current Active Cases in Staff – 10*
- Cumulative Total Case in Staff – 1,219

*self-reported by touch-base calls as of 02.17.2021 - all data is provisional
1.32 cases /1,000 residents

as of 01.24.2021

Not intended for press or for reporting purposes.
Weekly Resident Deaths per 1,000 Residents

0.50 deaths/1,000 residents

as of 01.24.2021

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The **Core Principles of COVID-19 Infection Prevention**

- **Screening** of all who enter the facility for signs and symptoms of COVID-19 (e.g., temperature checks, questions or observations about signs or symptoms), and denial of entry of those with signs or symptoms
- **Hand hygiene** (use of alcohol-based hand rub is preferred)
- **Face covering or mask** (covering mouth and nose)
- **Social distancing** at least six feet between persons
- **Instructional signage** throughout the facility and proper **visitor education** on COVID-19 signs and symptoms, infection control precautions, other applicable facility practices (e.g., use of face covering or mask, specified entries, exits and routes to designated areas, hand hygiene)
- **Cleaning and disinfecting** high frequency touched surfaces in the facility often, and designated visitation areas after each visit
- **Appropriate use of Personal Protective Equipment (PPE)**
- **Effective cohorting** of residents (e.g., separate areas dedicated COVID-19 care)
- **Resident and staff testing** are accessible
Infection Prevention
Important Information for Long-term Care Facility Users

The NHSN team will offer trainings to review significant updates made to the LTCF NHSN COVID-19 Module, Resident Impact & Facility Capacity Pathway. These changes went into effect on November 23, 2020.

*PLEASE NOTE: If you previously registered for Friday, February 19th, PLEASE REGISTER AGAIN FOR THE NEW DATE OR PLAN TO ATTEND THE FOLLOWING WEEK. We will have the slides available on the website prior to the webinar, under “Archived Training”

**Please note the webinars have the same link. Attendees will be able to choose which session they are able to attend. Both webinars are identical in content, so please plan to attend once.

Topic: LTCF COVID-19 Module: Resident Impact and Facility Capacity Surveillance Reporting Pathway - Updates
Date: **Thursday, Feb 18, 2021**
Time: 1:00 PM – 2:30 PM Eastern Time

Topic: LTCF COVID-19 Module: Resident Impact and Facility Capacity Surveillance Reporting Pathway - Updates
Date: **Thursday, Feb 25, 2021**
Time: 11:00 AM – 12:30 PM Eastern Time
Register in advance for this webinar: https://cdc.zoomgov.com/webinar/register/WN_IU7GElyPQe2cnxqEbMUWyg
Archived presentation from Feb. 11th POC antigen testing reporting webinar: https://www.cdc.gov/nhsn/pdfs/covid19/ltcf/poc-testing-training-508.pdf

Other Archived webinars:
https://www.cdc.gov/nhsn/ltc/covid19/index.html
Vaccination Update
## Doses Administered

<table>
<thead>
<tr>
<th>Total Doses Administered</th>
<th>158,505</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Persons Administered a Vaccine</td>
<td>107,340</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th># of Doses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderna</td>
<td>83,973</td>
</tr>
<tr>
<td>Pfizer</td>
<td>74,532</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Persons Administered a Vaccine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doses</td>
</tr>
<tr>
<td>Moderna - 1 dose</td>
</tr>
<tr>
<td>Moderna - Series Complete</td>
</tr>
<tr>
<td>Pfizer - 1 dose</td>
</tr>
<tr>
<td>Pfizer - Series Complete</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Percent of State Population with at least 1 Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doses</td>
</tr>
<tr>
<td>1 dose</td>
</tr>
<tr>
<td>Series Complete</td>
</tr>
</tbody>
</table>

Based on 2019 Census Estimate for those aged 16 years and older

*Not intended for press or for reporting purposes.*
## SD DOSES Received

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Pfizer 1</td>
<td>49,725</td>
</tr>
<tr>
<td>Pfizer 2</td>
<td>36,075</td>
</tr>
<tr>
<td>Moderna 1</td>
<td>63,500</td>
</tr>
<tr>
<td>Moderna 2</td>
<td>40,500</td>
</tr>
<tr>
<td>LTC Pharm</td>
<td>24,050</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>213,850</strong></td>
</tr>
</tbody>
</table>
**SD DOSES Received**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>This Week’s 1(^{st}) dose shipments</td>
<td>15,125</td>
</tr>
<tr>
<td>This Week’s 2(^{nd}) dose Shipments</td>
<td>17,000</td>
</tr>
<tr>
<td>Doses At Pharmacy</td>
<td>11,582</td>
</tr>
<tr>
<td>Second Dose to be given this week</td>
<td>11,150</td>
</tr>
</tbody>
</table>

*Not intended for press or for reporting purposes.*
Weekly 1st Doses Projected

Pfizer 9,360

Moderna 8,300

Not intended for press or for reporting purposes.
**Bonus Doses**

Pfizer vaccine yields 6 doses – this will be a label change

Moderna vaccine may yield 1 or 2 extra doses

**DO NOT POOL VACCINE FROM MULTIPLE VIALS**
<table>
<thead>
<tr>
<th>Priority Group</th>
<th>Total Population</th>
<th>Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>19,265</td>
<td>22,699</td>
</tr>
<tr>
<td>1B</td>
<td>10,867</td>
<td>2,955</td>
</tr>
<tr>
<td>1C</td>
<td>49,642</td>
<td>22,862</td>
</tr>
<tr>
<td>1D</td>
<td>265,561</td>
<td>42,237</td>
</tr>
<tr>
<td>1E</td>
<td>227,448</td>
<td></td>
</tr>
</tbody>
</table>

Not intended for press or for reporting purposes.
# Expected COVID-19 Vaccine Availability for South Dakota Residents

Due to limited allocation of the vaccine, the South Dakota Department of Health will use COVID-19 infection rates and will follow recommendations from the Advisory Committee on Immunization Practices (ACIP) to guide which counties will receive the vaccine first.

### Phase 1A
- Frontline healthcare workers and long-term care facility healthcare workers

### Phase 1B
- Long-term care residents

### Phase 1C
- EMS, public health workers, and other healthcare workers (lab & clinic staff)
- Law enforcement, correctional officers

### Phase 1D
- Persons aged 65 years and older (Starting 02/22/21) – Those 65 and over
- High risk patients - dialysis, post-transplant, and active cancer
- High risk residents in congregate settings
- Persons with 2 or more underlying medical conditions under the age of 65
- Teachers and other school/college staff
- Funeral service workers
- Fire service personnel

### Phase 1E
- Includes public-facing workers in essential and critical infrastructure

### Phase 2A
- All others 16 years and older

### Phase 2B
- Estimated Vaccine Availability

<table>
<thead>
<tr>
<th>Phase</th>
<th>Population Group</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May-December</th>
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</thead>
<tbody>
<tr>
<td>1A</td>
<td>Frontline healthcare workers and long-term care</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>facility healthcare workers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>1B</td>
<td>Long-term care residents</td>
<td></td>
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<td></td>
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<tr>
<td>1C</td>
<td>EMS, public health workers, and other healthcare</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>workers (lab &amp; clinic staff)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>Law enforcement, correctional officers</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>Persons aged 65 years and older (Starting 02/22/21)</td>
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<td></td>
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<td></td>
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<tr>
<td></td>
<td>– Those 65 and over</td>
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<td></td>
<td>High risk patients - dialysis, post-transplant, and</td>
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<td></td>
<td>active cancer</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>High risk residents in congregate settings</td>
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<td></td>
<td>Persons with 2 or more underlying medical conditions</td>
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<tr>
<td></td>
<td>under the age of 65</td>
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<tr>
<td></td>
<td>Teachers and other school/college staff</td>
<td></td>
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<td></td>
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<tr>
<td></td>
<td>Funeral service workers</td>
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<td></td>
<td></td>
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<td></td>
<td>Fire service personnel</td>
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<tr>
<td>1E</td>
<td>Includes public-facing workers in essential and</td>
<td></td>
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<td></td>
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<tr>
<td></td>
<td>critical infrastructure</td>
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</tbody>
</table>

Note: Vaccine allocation & administration is handled by the IHS, and vaccine availability is handled by the VA.
South Dakota: All Federal Pharmacy Partners
Federal Partners in SD

<table>
<thead>
<tr>
<th></th>
<th>First Dose</th>
<th>Second Dose</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOP</td>
<td>100</td>
<td>97</td>
<td>197</td>
</tr>
<tr>
<td>VA</td>
<td>9,909</td>
<td>3,064</td>
<td>12,973</td>
</tr>
<tr>
<td>IHS</td>
<td>13,499</td>
<td>6,487</td>
<td>19,986</td>
</tr>
<tr>
<td>DOD</td>
<td>1,479</td>
<td>861</td>
<td>2,340</td>
</tr>
<tr>
<td>Totals</td>
<td>24,987</td>
<td>10,509</td>
<td>35,496</td>
</tr>
</tbody>
</table>
Janssen/Johnson & Johnson Vaccine

• Have applied for EUA
• FDA to meet on February 26
• Viral Vector vaccine
• 5 dose vials
Community Mitigation

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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.

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On-going Communication
Helpful sources of information:

[covid.sd.gov](http://covid.sd.gov)  
[coronavirus.gov](http://coronavirus.gov)

- SD COVID-19 Help Line: 800-997-2880
Communications

- SD-HAN: sdhan.sd.gov
- Epi Listserv
- Lab Listserv
- HAI Listserv
- OLC Listserv

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