COVID-19 Vaccination Plan

South Dakota Department of Health

February 9, 2021

We will begin in just a few moments. Thanks!

Information is current as of 02.08.2021

Not intended for press or for reporting purposes.
This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of February 08, 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

Update on Vaccination – Tim Heath

SDIIS Updates – Brett Oakland

Training Update – Carol Chalcraft

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Update on Vaccination
Doses Administered

Total Doses Administered: 125,321

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Number of Doses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderna</td>
<td>66,272</td>
</tr>
<tr>
<td>Pfizer</td>
<td>59,049</td>
</tr>
</tbody>
</table>

Total Persons Administered a Vaccine: 86,304

<table>
<thead>
<tr>
<th>Doses</th>
<th>Number of Recipients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderna - 1 dose</td>
<td>25,346</td>
</tr>
<tr>
<td>Moderna - Series Complete</td>
<td>20,463</td>
</tr>
<tr>
<td>Pfizer - 1 dose</td>
<td>20,463</td>
</tr>
<tr>
<td>Pfizer - Series Complete</td>
<td>18,554</td>
</tr>
</tbody>
</table>

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pfizer 1</td>
<td>42,900</td>
</tr>
<tr>
<td>Pfizer 2</td>
<td>24,375</td>
</tr>
<tr>
<td>Moderna 1</td>
<td>55,200</td>
</tr>
<tr>
<td>Moderna 2</td>
<td>35,200</td>
</tr>
<tr>
<td>LTC Pharm</td>
<td>21,450</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>153,450</strong></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>This Week's 1\textsuperscript{st} dose shipments</td>
<td>14,525</td>
</tr>
<tr>
<td>This Week's 2\textsuperscript{nd} dose shipments</td>
<td>11,150</td>
</tr>
<tr>
<td>Doses at Pharmacy</td>
<td>9,477</td>
</tr>
<tr>
<td>Second Dose to be given this week</td>
<td>10,950</td>
</tr>
</tbody>
</table>

*Not intended for press or for reporting purposes.*
Weekly 1\textsuperscript{st} Doses Projected

Pfizer \hspace{1cm} 5,850

Moderna \hspace{1cm} 7,700

\textit{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
### Priority groups


<table>
<thead>
<tr>
<th>Group</th>
<th>Total</th>
<th>Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>19,265</td>
<td>22,292</td>
</tr>
<tr>
<td>1B</td>
<td>10,867</td>
<td>2,934 (not including CVS/Walgreens)</td>
</tr>
<tr>
<td>1C</td>
<td>49,642</td>
<td>21,663</td>
</tr>
<tr>
<td>1D</td>
<td>265,561</td>
<td>26,949</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

<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>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>Frontline healthcare workers and long-term care facility healthcare workers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1B</td>
<td>Long-term care residents</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1C</td>
<td>EMS, public health workers, and other healthcare workers (lab &amp; clinic staff)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Law enforcement, correctional officers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>Persons aged 65 years and older</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Starting (02/08/21) - Those 75 and over (Age to be lowered in 5-year increments as allocation allows)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>High risk patients - dialysis, post-transplant, and active cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>High risk residents in congregate settings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>Persons with 2 or more underlying medical conditions under the age of 65</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>Teachers and other school/college staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>Funeral service workers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1E</td>
<td>Fire service personnel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1E</td>
<td>Includes public-facing workers in essential and critical infrastructure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 2</td>
<td>All others 16 years and older</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Estimated Vaccine Availability

Note: Tribal vaccine allocation & administration is handled by the IHS
Veteran vaccine allocation & administration is handled by the VA

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

Please check the Priority Groups Infographic to find out which group you are in (we are currently on Group C).

VACCINE PROVIDERS BY COUNTY

The map below is best viewed on a desktop/laptop computer or in landscape mode on mobile (i.e. holding the phone sideways).

COVID-19 Vaccine Providers:
Avera Health
Monument Health
Mobridge Hospital
Sanford Health
Northern Plains Health Network
Beadle & Sanborn
Brookings
Codington
Lake

VaccineFinder.org will be updated once COVID-19 vaccination is widely available to the public to help direct people to find a vaccine provider near them.

SOUTH DAKOTA DEPARTMENT OF HEALTH
# 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>1</td>
<td>101</td>
</tr>
<tr>
<td>VA</td>
<td>6,856</td>
<td>1,539</td>
<td>8,395</td>
</tr>
<tr>
<td>IHS</td>
<td>10,168</td>
<td>2,943</td>
<td>13,111</td>
</tr>
<tr>
<td>DOD</td>
<td>1,363</td>
<td>210</td>
<td>1,573</td>
</tr>
</tbody>
</table>
Janssen/Johnson & Johnson Vaccine

- Have applied for EUA
- FDA to meet on February 26
- Viral Vector vaccine
- 5 dose vials
SDIIS Updates

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South Dakota Immunization Information System (SDIIS)

- **SDIIS Training:** [https://doh.sd.gov/COVID/Vaccine/Providers.aspx](https://doh.sd.gov/COVID/Vaccine/Providers.aspx)
  - The following trainings are available for new users and serve as a review for skilled users. Data Entry staff, whether vaccinators or ancillary staff, should view, at minimum, Trainings 1, 2, and 3. Staff tasked with Data Entry and Inventory Management, e.g. Vaccine Coordinators, should view all SDIIS trainings.

- **User Application** (next slide)

  1. [Login and Settings](https://doh.sd.gov/COVID/Vaccine/Providers.aspx) (updated 12/02/20)
  2. [Search for Patients and Edit Information](https://doh.sd.gov/COVID/Vaccine/Providers.aspx) (updated 02/08/21)
  3. [Give Vaccine](https://doh.sd.gov/COVID/Vaccine/Providers.aspx) (updated 01/11/21)
  4. [Ordering and Receiving](https://doh.sd.gov/COVID/Vaccine/Providers.aspx) (updated 02/01/21)
  5. [Inventory Management](https://doh.sd.gov/COVID/Vaccine/Providers.aspx) (updated 12/28/20)
  5a. [Wastage Reconciliation](https://doh.sd.gov/COVID/Vaccine/Providers.aspx) (01/26/21)
  6. [Vaccine Transfer](https://doh.sd.gov/COVID/Vaccine/Providers.aspx) (updated 01/12/21)
  7. [Patient Detail Report](https://doh.sd.gov/COVID/Vaccine/Providers.aspx) (01/05/21)
South Dakota Immunization Information System (SDIIS)

- **SDIIS User Access Application**
  - **UPDATED:**
  - Used to request access for new users to SDIIS
  - Used for those who need view/enter data into the SDIIS
  - **NEW:** Section regarding vaccinator status
  - Has been added to Provider Education website
  - [https://doh.sd.gov/COVID/Vaccine/Providers.aspx](https://doh.sd.gov/COVID/Vaccine/Providers.aspx)

Not intended for press or for reporting purposes.
South Dakota Immunization Information System (SDIIS)

• **COVID-19 Vaccine Data Entry Reminders**
  - Use simple search parameters when searching for patients in SDIIS.
    - Use first initial and birthdate, or
    - Use first three letters of first and last name
    - Remember to search for full name vs. nickname – e.g. James vs. Jim
    - Please ensure that the name and birthdate match the person who is vaccinated. Check address and phone, anything to help confirm patient identity
    - Avoid creating duplicate records.
    - If multiple patient searches come up empty, then you may ADD NEW PATIENT
  - When selecting priority group, DO NOT select Priority Group “2nd Dose” if patient record does not already have one dose
  - Ensure that the 2nd dose of COVID-19 vaccine is the same brand as the first dose
  - **ALL COVID-19 vaccine records in SDIIS must have an ADDRESS (City, State, Zip, County)**
  - **ALL COVID-19 vaccine records in SDIIS must include GENDER, RACE, ETHNICITY (Hispanic Origin in SDIIS)**
• **Pandemic Population Groups**
  - For COVID-19 Vaccine: After entering COVID-19 vaccine, a PRIORITY GROUP(S) screen will appear
  - Select the box of population group that best defines the recipient
  - 2\(^{nd}\) Dose – choose this box if patient is receiving 2\(^{nd}\) dose
  - Click UPDATE
  - Vaccine recipient may belong to multiple population groups. Please only choose the one highest priority option.

- **FIRST DOSE ONLY**: Priority Groups must be counted every day and reported to the Daily Qualtrics Survey found here: [https://dohsd.sjc1.qualtrics.com/jfe/form/SV_5AN1S7ekyyQPovH](https://dohsd.sjc1.qualtrics.com/jfe/form/SV_5AN1S7ekyyQPovH). All groups must report by first thing the following day.

- **SECOND DOSE**: Priority Groups WILL NOT BE reported to the Daily Qualtrics Survey.

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### South Dakota Immunization Information System (SDIIS)

#### Edit Patient Information

- Click **EDIT** under **PATIENT INFORMATION** section
- The **EDIT PATIENT INFORMATION** screen will appear

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South Dakota Immunization Information System (SDIIS)

- **Edit Patient Information**

  - Please enter the following, which are **REQUIRED** for COVID-19 Vaccination Plan,
    - Confirm **name, date of birth**
    - **Gender**
    - **Race** – click **EDIT** and choose
    - **Ethnicity** – click **HISPANIC ORIGIN** dropdown
      - Choose non-Hispanic, if so
      - Choose Unknown Hispanic, if origin unknown
    - VFC Eligibility – choose **NOT ELIGIBLE** for all adults; choose best option for 18 and under
      - Not required for COVID-19 vaccine documentation, but SDIIS requires this field to be completed.
    - Click **UPDATE**

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**South Dakota Immunization Information System (SDIIS)**

- **Edit Contact Information**
  - Click **EDIT** under CONTACT INFORMATION section
  - The **EDIT CONTACT & GENERAL INFORMATION** screen will appear

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• **Edit Contact Information**
  - Please enter the following:
    - Parent & Guardian Information for clients under age 18 (SSN’s not necessary)
    - **REQUIRED** for COVID-19 Vaccination Plan
  - **PATIENT ADDRESS** – click **EDIT**
  - **EDIT PATIENT ADDRESS** screen will appear; see next slide.
  - Click **UPDATE** when address is complete
  - Enter phone numbers – no dashes – XXXXXXXXXX
  - May enter Primary Care Physician information, if known
  - Click **UPDATE**
South Dakota Immunization Information System (SDIIS)

**Edit Contact Information**
- Please enter the following:
  - **EDIT PATIENT ADDRESS** screen
  - Complete **ADDRESS** and **ZIP CODE** fields
  - Click **SUBMIT** next to the **ZIP CODE** field. The proper **state**, **county**, and **city** should be highlighted. If not, please correct.
  - **ADDRESS LINE 2** – Do not enter City, SD – this is for an extension of the street address, e.g., “PO Box xx”, “Apt #”, etc.
  - Click **UPDATE** when address is complete

- NOTE: If a recipient refuses to provide **ADDRESS** please obtain, at minimum, the **ZIP CODE**. With the **ZIP CODE** field, we can ascertain **state**, **county**, and **city**. You MUST click **SUBMIT** next to the zip code.

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• **Receiving Vaccine**
• **Part 3: Add Inventory**

- To create an inventory item that is not allocated to your facility by SDDOH through VTrckS
  - Federal Retail Pharmacy Rollout Program
  - Other federal allocations: IHS, VA, etc.
  - Private vaccine
- When your vaccine order arrives, select the INVENTORY button on the left-hand side of the screen.
- The EDIT INVENTORY screen will appear.
Part 3: Add Inventory

- Verify that your clinic name is in the CHOOSE CLINIC field.
- Your current inventory is listed.
- Select the ADD INVENTORY button on the bottom of the EDIT INVENTORY screen.
- The ADD NEW INVENTORY screen will appear.
### Part 3: Add Inventory

- **VACCINE** dropdown: choose name of vaccine item to add to inventory
- **SOURCE/VENDOR & FUNDING SOURCE**: There are no specific selections for COVID-19 vaccine, so choose best selections.
- **CURRENT VOLUME**: enter total doses received
- **DOSAGE VOLUME**: DO NOT change; must remain at 1.
- **MINIMUM VOLUME**: not relevant, leave at 0
- **ACTIVE & RECOMMEND** checkboxes – uncheck when lot usage is complete
- **NOTES**: add description
- Click **NEXT**
- The **SELECT LOTS** screen will appear
Part 3: Add Inventory

- **MANUFACTURER** dropdown: select name of manufacturer to simplify list to include only lot numbers associated with manufacturer.
- Check the box next to the lot number that matches the lot number of the shipment received.
- Click **ASSOCIATE LOT(S)** button.
- The **EDIT INVENTORY ITEM** screen will appear.

- If lot number is not in the list, click **ADD NEW LOT** button and complete **ADD NEW LOT** screen (no slides included).
South Dakota Immunization Information System (SDIIS)

• **Part 3: Add Inventory**
  - Review information for accuracy
  - Click **UPDATE** button
  - The **EDIT INVENTORY** screen will appear

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**Part 3: Add Inventory**

- Item has been added to inventory
- Click **CLOSE INVENTORY** button
- HAPPY VACCINATING!!!
Training Update

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Storage and handling updated info/resource:

- USP Tool Kit-resources for updated information.
- COVID-19 Vaccine Handling Toolkit (usp.org)
Reminder: Proper storage is critical

Shots gone bad: Residents at five Ohio facilities must get COVID-19 vaccine again after doses are stored wrong.
Florida health department to audit county's handling of COVID-19 vaccines after 1,000 doses damaged…..

Officials found that 1,160 doses of the vaccine were stored incorrectly in a refrigerator that was turned off.
The Institute for Safe Medication Practices (ISMP) on Jan. 27 released its list of the top 10 medication errors from 2020. All can be avoided or minimized through operational improvements.
The 10 preventable medication errors:

1. Prescribing, dispensing and administering extended-release opioids to patients who are opioid-naïve
2. Not using smart infusion pumps with dose error-reduction systems in perioperative settings
3. Oxytocin errors
4. Hazards resulting from infusion pumps being positioned outside of COVID-19 patients’ rooms
5. COVID-19 vaccine errors

Not intended for press or for reporting purposes.
The 10 preventable medication errors:

6. Use of the “syringe pull-back” verification method during pharmacy sterile compounding

7. Combining or manipulating commercially available sterile products outside a pharmacy

8. Medication loss in the tubing when administering small-volume infusions with a primary administration set

9. Intraspinal injection errors with tranexamic acid

10. Use of error-prone abbreviations, symbols or dose designations
ISMP COVID-19 vaccine errors since mid-December 2020.

- Dilution errors with Pfizer-BioNTech vaccine
  - led to overdoses when too little diluent was used

- Patients received (IM) monoclonal antibody instead of the Moderna vaccine
  - due to vague labeling of the monoclonal antibody

- Wasted vaccines from inefficient scheduling or “no shows”

- Administration to patients younger than indicated
Contributing factors applicable from common flu vaccination errors

- look-alike vaccine names, labels, and packaging;
- unsegregated refrigerator/freezer storage;
- mixing/dilution errors;
- communication barriers with patients;
- not checking/documenting administration in the immunization information system (IIS);
- temperature excursions;
- and the inability to use technologies such as barcode scanning during mass immunizations.
• Healthcare providers are **required by law to report** to VAERS Any adverse event listed in the VAERS Table of Reportable Events Following Vaccination that occurs within the specified time period after vaccination

An adverse event listed by the vaccine manufacturer as a contraindication to further doses of the vaccine

• Healthcare providers are **strongly encouraged to report**: Any adverse event that occurs after the administration of a vaccine licensed in the United States, whether or not it is clear that a vaccine caused the adverse event Vaccine administration errors
# COVID-19 mRNA Vaccines

## What Clinic Personnel Need to Know

<table>
<thead>
<tr>
<th></th>
<th>Pfizer-BioNTech</th>
<th>Moderna</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
<td>Pfizer-BioNTech COVID-19 Vaccine (BNT162b2)</td>
<td>Moderna COVID-19 Vaccine (mRNA-1273)</td>
</tr>
<tr>
<td><strong>Vaccine type</strong></td>
<td>mRNA (messenger RNA)</td>
<td>mRNA (messenger RNA)</td>
</tr>
<tr>
<td><strong>Age indication</strong></td>
<td>16 years of age and older</td>
<td>18 years of age and older</td>
</tr>
</tbody>
</table>

### Basic Information

- **CDC Resources:** (Link to CDC resources for Pfizer-BioNTech COVID-19 Vaccine) [Link](https://www.cdc.gov/vaccines/COVID-19/safety-by-product/pfizer/index.html)
- **Moderna Resources:** (Link to Moderna resources) [Link](https://www.mrnah.com/newsroom/releases/85353156/)

### Emergency Use Authorization (EUA) fact sheets

- **For Providers:** [Link](https://www.fda.gov/media/144837/download)
- **For Recipients and Caregivers:** [Link](https://www.fda.gov/media/144841/download)

**Translations:** [Link](https://www.fda.gov/media/144853/download)

- Frozen liquid concentrate, no preservative
- Multi-dose vial, at least 5 doses/vial
- Some syringe types may be able to draw up to 6-7 full doses per vial, which is acceptable, lower combine vaccine from more than 1 vial to make a dose.

### Packaging

- **15 vials/box (975 doses)**
- **1-3 trays per shipper**
- **Each tray: 9 x 9 x 1.6"**
- **10 vials/carton (100 doses)**
- **Each carton: 2" x 2" x 3.16"**

### Minimum shipment

- 975 doses (195 multidose vials)
- 100 doses (10 multidose vials)

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<table>
<thead>
<tr>
<th><strong>Pfizer-BioNTech</strong></th>
<th><strong>Moderna</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Storage and handling</strong></td>
<td><strong>Storage</strong></td>
</tr>
<tr>
<td><strong>Shipment</strong></td>
<td>Shipped at -25°C to -15°C (13°F to 5°F)</td>
</tr>
<tr>
<td><strong>Protocols</strong></td>
<td><strong>Protocols</strong></td>
</tr>
<tr>
<td><strong>Shipment</strong></td>
<td>From light during storage</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Frozen: -25°C to -15°C (13°F to 5°F)</td>
</tr>
<tr>
<td><strong>temperature</strong></td>
<td>Fridge: -2°C to 8°C (36°F to 46°F)</td>
</tr>
<tr>
<td><strong>In <em>ultracold</em> temperature freezer</strong></td>
<td>• Up to 6 months</td>
</tr>
<tr>
<td><strong>Up to 6 months</strong></td>
<td>• If stored in freezer with other routinely recommended vaccines, carefully adjust freezer temperature range to THS vaccine</td>
</tr>
<tr>
<td><strong>In Pfizer thermal shipper with dry ice</strong></td>
<td>• Do NOT store on dry ice</td>
</tr>
<tr>
<td>• Up to 30 days following Pfizer instructions for dry ice replenishment and 4 of openings allowed per day</td>
<td></td>
</tr>
<tr>
<td><strong>Thermal Shipping Container Dry Ice Replenishment Instructions</strong></td>
<td>• Refrigerated: 2°C to 8°C (36°F to 46°F)</td>
</tr>
<tr>
<td><a href="http://www.cdc.gov/vaccines/pubs/downloads/cold-refrigeration.pdf">www.cdc.gov/vaccines/pubs/downloads/cold-refrigeration.pdf</a></td>
<td>• Unopened vial: up to 30 days</td>
</tr>
<tr>
<td><strong>Refrigerated</strong></td>
<td>• Unopened vial: up to 12 hours at room temperature (up to 25°C (77°F))</td>
</tr>
<tr>
<td>• 2°C to 8°C (36°F to 46°F)</td>
<td>• Punctured vial: up to 6 hours in refrigerator or at room temperature (2°C to 25°C (36°F to 77°F))</td>
</tr>
<tr>
<td>• Thawed vaccine cannot be refrozen</td>
<td>• Thawed vaccine cannot be refrozen</td>
</tr>
</tbody>
</table>

**CDC Resources:**

**Pfizer Resources:**

**Moderna Resources:**

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Handling a Temperature Excursion in Your Vaccine Storage Unit

Any temperature readings outside the recommended range in the manufacturers’ package inserts is considered a temperature excursion. Identify temperature excursions quickly and take immediate action to correct them. This can prevent vaccine waste and the potential need for revaccination patients.

1. Notify
   - Notify the primary or alternate vaccine coordinator immediately or report the problem to your supervisor.
   - Notify staff by rebatching exposed vaccines, “DO NOT USE,” and plaing them in a separate container apart from other vaccines in the storage unit. Do not discard these vaccines.

2. Document
   - Document details of the temperature excursion:
     - Date and time
     - Storage unit temperature (including minimum/maximum temperature during the event)
     - Time of excursion, if available
     - Temperature if available
   - Have the person completing the report:
     - General description of the event (i.e., what happened)
     - If using a digital data logger (DLC), determine the length of time vaccine may have been affected
     - Inventory of affected vaxines
     - List items to the unit other than vaccines (including vaccine holder)
     - Any problems with the storage unit and/or affected vaccines before the event
     - Other relevant information

3. Contact
   - Contact your immunization program and/or vaccine manufacturer(s) for guidance per your standard operating procedures (SOPs).
   - Be prepared to provide the immunization program or manufacturer with documentation and DLC data as they can offer you the best guidance.

4. Correct
   - If the temperature alarm goes off repeatedly, do not disconnect the alarms until you have determined and addressed the cause.
   - Check the basics, including:
     - Power supply
     - Unit settings
   - If the excursion was the result of a temperature fluctuation, refer to the section, “Vaccine Storage and Temperature Monitoring Equipment,” in CDC’s Vaccine Storage and Handling Toolkit for detailed guidance on adjusting storage unit temperature to the appropriate range.
   - If you believe the storage unit has failed, implement your emergency vaccine storage and handling SOPs. Never allow vaccines to remain in a nonfunctioning unit following a temperature excursion.
# SOUTH DAKOTA IMMUNIZATION PROGRAM
## VACCINE EXPOSED TO ABNORMAL TEMPERATURES WORKSHEET

**DATE:** __/__/__

**PROVIDER NUMBER:** [ ]
**FACILITY NAME:** [ ]
**CONTACT PERSON:** [ ]
**PHONE NUMBER:** [ ]

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1. Refer to SOUTH DAKOTA IMMUNIZATION PROGRAM POLICY #94 – VFC Vaccine Exposed to Abnormal Temperatures. Contact the Immunization Program to report the incident, and complete this worksheet for ALL temperature excursions.

2. Please explain the incident:

   - [ ]
   - [ ]
   - [ ]

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3. What is the current room temperature, if available? __°C/F

4. What is the current temperature of the affected storage UNIT? __°C

5. Vaccine was exposed to temperatures that were too: [ ] HIGH [ ] LOW

6. How long was the vaccine out of normal temperature range? __________ Hours

7. What was the maximum abnormal temperature recorded on the Digital Data Logger? __________ °C

8. **PRINT DIGITAL DATA LOGGER REPORT**

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9. **Was vaccine moved to an alternate location?** [ ] YES [ ] NO

10. **Was temperature monitored continuously with a Digital Data Logger during relocation?** [ ] YES [ ] NO

11. **Where was vaccine moved to?**

12. **Contact the manufacturers of each exposed vaccine. Complete the table on opposite page. Use multiple sheets if necessary.**

13. **Did the temperature excursion result in any vaccine wastage?** [ ] YES [ ] NO

   - **If YES, refer to SOUTH DAKOTA IMMUNIZATION PROGRAM POLICY #07 – VFC Vaccine Wastage & Return and Monthly Vaccine Wastage Report. All vaccine wastage due to exposure to abnormal temperatures is eligible for return to McKesson, except partially used multi-dose vials (e.g. influenza, polio).**

14. **Submit completed Worksheet to SD Immunization Program. Check and include the following, if applicable:**

   - [ ] Did you include a copy of the Digital Data Logger report recording the incident (Questions 4-8)?
   - [ ] Did you include a copy of the Digital Data Logger report recording temperatures during relocation, if applicable (Question 10)?
   - [ ] Did you include a Monthly Vaccine Wastage Report, if applicable, listing all vaccines that were compromised due to the incident (Question 13)?

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Mail this form to: South Dakota Department of Health - Immunization Program - 615 E. Fourth St. - Pierre, SD 57501 | Phone: (605) 773-4963 with questions.
Modernata Vaccine

• CDC guidance for pre-drawn syringes comes from Moderna

• If pre-drawn syringes are used, consider the following manufacturer released information supporting stability data of vaccine pre-drawn into syringes:

• According to the Chemistry, Manufacturing and Control (CMC) department at Moderna, pre-drawn syringes can be either stored in the refrigerator at 2° to 8°C (36° to 46°F) or at ambient room temperature at 15° to 25°C (59° to 77°F) provided they are administered within 6 hours of the first time the source vial is punctured

Not intended for press or for reporting purposes.
Join Moderna for a Webinar: Important Information for Healthcare Providers about Moderna COVID-19 Vaccine. There will be no continuing education credits offered.

- February 10 at 2:00 PM CST | Register
- February 17 at 12:00 PM CST | Register

Pfizer-BioNTech Training:
- [https://www.cvdvaccine.com/](https://www.cvdvaccine.com/)
Reminders: Ancillary Kits

• Issues with ancillary supply equipment should also be reported to FDA.

• Encouraged to report any issues with equipment in the ancillary supply kits.

• This link provides the information on how to file the report.
COVID19 Vaccine Finder Update

• COVID-19 vaccine supply is still limited
  • data reported will only be used for vaccine inventory information—not as a resource to help the public find vaccine.

• When vaccine is more widely available
  • Providers will be notified when public-facing website will be turned on to show COVID-19 vaccination locations.
  • Will allow the public to know where they can go to receive a COVID-19 vaccination.
  • Providers will be able to choose whether their location is displayed on the website.
  • Specific inventory information will not be available to the public.
Contact Information

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*Not intended for press or for reporting purposes.*