

South Dakota Immunization Information System (SDIIS)

SDIIS South Dakota Immunization Information System

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Welcome to the South Dakota Department of Health's Immunization Information System (SDIIS).

SDIIS is a statewide immunization tracking system that serves the public health goal of preventing the spread of vaccine preventable diseases in South Dakota. It was developed to ensure complete and timely immunization for all people in the state, particularly in the age group most at risk, birth through two years.

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Public Health Information System - Immunization Module
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• *Inventory Management*

- ALL COVID-19 vaccine providers will need to maintain inventory in SDIIS
- Click **INVENTORY**
- The **EDIT INVENTORY** screen will appear


South Dakota Immunization Information System (SDIIS)

EDIT INVENTORY

CHOOSE CLINIC

Test Clinic 2010 (#7734) 

VACCINE	FUNDING SOURCE	LOT NUMBER(S)	EXPIRATION DATE(S)	CURRENT VOLUME
DTaP	Non-VFC	S028738	04/03/2022	49
Flu High Dose	Private	ZR979	03/28/2022	30
Zoster-Shingrix	Private	1621934	01/29/2022	40

Active 

ADD INVENTORY




SHIPMENTS

ORDERS

BATCHES

CLOSE INVENTORY

EDIT INVENTORY ITEM

CLINIC Test Clinic 2010 (#7734)	VACCINE * Zoster-Shingrix 	SOURCE/VENDOR * Private 	FUNDING SOURCE * Private 
CURRENT VOLUME 40	VOLUME ADMINISTERED 0	DOSAGE VOLUME 1	MINIMUM VOLUME * 0
<input checked="" type="checkbox"/> ACTIVE	NOTES <input type="text"/>		
<input checked="" type="checkbox"/> RECOMMEND			
LOT INFORMATION			
LOT NUMBER	EXPIRATION DATE	NDC	MANUFACTURER
1621934	01/29/2022	00006-4121-02(Gardasil)	Merck
RECONCILIATION INFORMATION			
DATE	TYPE	VOLUME	NOTES
11/11/2020	Received (+)	40	Initial Volume

UPDATE

SELECT LOT(S)

RECONCILE

CANCEL

• *Inventory Management*

- Verify that your clinic name is in the **Choose Clinic** field.
- Click **blue hyperlink** of the vaccine you want to view.
- **The EDIT INVENTORY ITEM screen will appear.**
 - Source/Vendor – private/state
 - Funding Source – private/VFC/non-VFC
 - Current Volume
 - Volume Administered
 - **DOSAGE VOLUME MUST REMAIN SET TO 1**
 - **ACTIVE** box – will uncheck when all doses have been administered or vaccine lot expires/spoils



SOUTH DAKOTA DEPARTMENT OF HEALTH

South Dakota Immunization Information System (SDIIS)

EDIT INVENTORY ITEM

CLINIC Test Clinic 2010 (#7734)	VACCINE * Zoster-Shingrix	SOURCE/VENDOR * Private	FUNDING SOURCE * Private
CURRENT VOLUME 40	VOLUME ADMINISTERED 0	DOSAGE VOLUME * 1	MINIMUM VOLUME * 0
<input checked="" type="checkbox"/> ACTIVE	NOTES		
<input checked="" type="checkbox"/> RECOMMEND			
LOT INFORMATION			
LOT NUMBER	EXPIRATION DATE	NDC	MANUFACTURER
1621934	01/29/2022	00006-4121-02(Gardasil)	Merck
RECONCILIATION INFORMATION			
DATE	TYPE	VOLUME	NOTES
11/11/2020	Received (+)	40	Initial Volume

UPDATE

SELECT LOT(S)

RECONCILE

CANCEL

• *Inventory Management*

- EDIT INVENTORY ITEM screen
- See SDIIS Training #4 for Receiving Vaccine Shipments or SDIIS Training #6 for Receiving Vaccine Transfers for how to add vaccine shipments to your inventory.
- Current Volume
 - In Manual Entry – volume will automatically decrement each time a dose is given to a patient.
 - In HL7 Interface – volume will **NOT** automatically decrement each time a dose is given to a patient.
 - User must RECONCILE inventory. Click **RECONCILE** button.
 - HL7 interface reconciliation should be part of DAILY routine.



South Dakota Immunization Information System (SDIIS)

ADD NEW RECONCILIATION NOTE

DATE *	TYPE *	VOLUME *
11/11/2020	SELECT	
NOTES		
<input type="text"/>		

UPDATE

CANCEL

* Required

ADD NEW RECONCILIATION NOTE

DATE *	TYPE *	VOLUME *
11/11/2020	SELECT	
NOTES		
<input type="text"/>		

- Bonus Doses (+)
- In Transit
- Received (+)
- Shipped (-)
- Shipping Discrepancy (+)
- Shipping Discrepancy (-)
- Spoiled (-)
- Unaccountable (+)
- Unaccountable (-)
- Wasted (-)

UPD

* Required

• *Inventory Management*

• Reconciling Inventory Counts

- Reconcile inventory to match SDIIS inventory count with physical count in storage units
- For COVID-19 providers, recommend DAILY reconciliation
- Choose TYPE from dropdown (best definition)
- For HL7 Interface – choose **Unaccountable (-)**
- Enter Volume of doses reconciled
- NOTES: enter description (reason) for reconciliation
 - For HL7 Interface – enter **HL7 Interface**
- Click **UPDATE**



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South Dakota Immunization Information System (SDIIS)

EDIT INVENTORY ITEM

CLINIC Test Clinic 2010 (#7734)	VACCINE * Zoster-Shingrix	SOURCE/VENDOR * Private	FUNDING SOURCE * Private
CURRENT VOLUME 17	VOLUME ADMINISTERED 0	DOSAGE VOLUME * 1	MINIMUM VOLUME * 0
<input checked="" type="checkbox"/> ACTIVE	NOTES <input type="text"/>		
<input checked="" type="checkbox"/> RECOMMEND			
LOT INFORMATION			
LOT NUMBER	EXPIRATION DATE	NDC	MANUFACTURER
1621934	01/29/2022	00006-4121-02(Gardasil)	Merck
RECONCILIATION INFORMATION			
DATE	TYPE	VOLUME	NOTES
11/12/2020	Received (+)	13	Transferred from ABC Clinic
11/12/2020	Spoiled (-)	-1	Left out of refrigerator too long.
11/12/2020	Wasted (-)	-6	Exposure to abnormal temperature
11/12/2020	Shipped (-)	-4	Transfer to XYZ Clinic
11/11/2020	Received (+)	40	Initial Volume
11/11/2020	Unaccountable (-)	-25	HL7 Interface

EDIT INVENTORY

CHOOSE CLINIC

VACCINE	FUNDING SOURCE	LOT NUMBER(S)	EXPIRATION DATE(S)	CURRENT VOLUME
DTaP	Non-VFC	S028738	04/03/2022	49
Flu High Dose	Private	ZR979	03/28/2022	30
Varicella	VFC	1687291	09/11/2022	20
Zoster-Shingrix	Private	1621934	01/29/2022	17

Active

• *Inventory Management*

• Reconciling Inventory Counts

- The new note is displayed in the **RECONCILIATION INFORMATION** section
- Various other examples of reconciliation included
- The **CURRENT VOLUME** has increased/decreased by the amount reconciled
- Click **UPDATE**

- The **EDIT INVENTORY** page will display with current volumes

South Dakota Immunization Information System (SDIIS)

EDIT INVENTORY ITEM

CLINIC Huron Regional Medical Center - #1161	VACCINE * COVID-19-PFI	SOURCE/VENDOR * State	FUNDING SOURCE * VFC
CURRENT VOLUME 55	VOLUME ADMINISTERED 167	DOSAGE VOLUME * 1	MINIMUM VOLUME 0
<input checked="" type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> RECOMMEND	NOTES		
LOT INFORMATION			
LOT NUMBER	EXPIRATION DATE	NDC	MANUFACTURER
EK5730	12/31/2069	59267-1000-02 (COV-19(Pfizer))	Pfizer
RECONCILIATION INFORMATION			
DATE	TYPE	VOLUME	NOTES
12/17/2020	Bonus Doses (+)	13	1 bolus found in each of 13 vials of vaccine
12/16/2020	Bonus Doses (+)	14	Additional doses used from 14 vials
12/15/2020	In Transit	195	Shipped By Prairie Lakes Healthcare - #741
12/15/2020	Received (+)	195	Received

UPDATE SELECT LOT(S) RECONCILE CANCEL

ADD NEW RECONCILIATION NOTE

DATE * 11/11/2020	TYPE * SELECT	VOLUME *
NOTES	<ul style="list-style-type: none"> Bonus Doses (+) In Transit Received (+) Shipped (-) Shipping Discrepancy (+) Shipping Discrepancy (-) Spoiled (-) Unaccountable (+) Unaccountable (-) Wasted (-) 	

• *Inventory Management*

• Reconciling “**BONUS DOSES**”

- Pfizer’s COVID-19 vaccine is known to include one or two “bonus doses” in their vial.
 - **UPDATE: Pfizer COVID-19 vaccine vials are now listed as a 6-dose multidose vial.**
- Moderna vaccine is known to include at least one “bonus doses”
- Unknown if other COVID-19 brands will have bonus doses
- Click **RECONCILE** to add Bonus Doses administered
- Type in the number of Bonus Doses administered
- Click **UPDATE**
- The **CURRENT VOLUME** has increased by the amount reconciled
- Click **UPDATE**

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- ***Inventory Management***


- **Inventory Reports**

- On Home Page, Click **PRINT REPORTS**
- A new window will open

South Dakota Immunization Information System (SDIIS)

SELECT REPORT

PATIENT-SPECIFIC	INVENTORY
Patient Long Form <input type="radio"/>	Clinic Inventory <input type="radio"/>
Patient Short Form <input checked="" type="radio"/>	Doses Administered <input checked="" type="radio"/>
Routing Slip <input type="radio"/>	Vaccine Accountability <input type="radio"/>
Reminder Notice <input checked="" type="radio"/>	
REMINDER / RECALL	STATISTICAL
Missing Immunizations <input type="radio"/>	Immunization Coverage <input type="radio"/>
Upcoming Immunizations <input checked="" type="radio"/>	Encounter Summary <input checked="" type="radio"/>
Lack of Activity <input type="radio"/>	Patient List <input type="radio"/>
	Patient Detail <input checked="" type="radio"/>
	Patient History <input type="radio"/>
	Data Verification <input checked="" type="radio"/>
	Roster Billing Report <input type="radio"/>
	Patient Count Report <input checked="" type="radio"/>

 **GENERATE** **CLOSE REPORTS**

- ***Inventory Management***

- **Inventory Reports**

- Click radio button for **Doses Administered** for counts of vaccines given in SDIIS. This count will include manually entered doses and doses entered via HL7 interface.
 - NOTE: The information in this report is not real-time. The report will be updated throughout the day.
- Click **GENERATE**
- The **Generate Report** screen will display.

South Dakota Immunization Information System (SDIIS)

GENERATE REPORT

You can generate a report based on a combination of any criteria below

FROM DATE :	<input type="text" value="12/17/2020"/>	CALENDAR
TO DATE :	<input type="text" value="12/17/2020"/>	CALENDAR
CLINIC :	<input type="text" value=""/>	▼
PROVIDER :	<input type="text" value="ALL"/>	▼
VACCINE :	<input type="text" value="COVID-19-PFI"/>	▼
FUNDING SOURCE :	<input type="text" value="ALL"/>	▼
VACCINE :	<input checked="" type="checkbox"/>	
LOT NUMBER :	<input type="checkbox"/>	
CLINIC :	<input type="checkbox"/>	
PROVIDER :	<input type="checkbox"/>	
FUNDING SOURCE :	<input type="checkbox"/>	
VFC ELIGIBILITY :	<input type="checkbox"/>	
ZIP CODE :	<input type="checkbox"/>	
HEALTH PLAN :	<input type="checkbox"/>	
RACE :	<input type="checkbox"/>	
HISPANIC ORIGIN :	<input type="checkbox"/>	
CLIENT TYPE :	<input checked="" type="checkbox"/>	

SUBMIT

RESET

CANCEL

- ***Inventory Management***

- **Inventory Reports**

- Enter From Date and To Date. Type in, or Click on **Calendar** link to open calendar
- Your facility should display in the **Clinic** field
- **Vaccine** field – select ALL or choose the single vaccine you wish to view (e.g. COVID-19 vaccine)
- Choose other check boxes as desired (e.g. Lot #)
- Check **CLIENT TYPE** to for tally of Priority Groups
- Click **SUBMIT**



SOUTH DAKOTA DEPARTMENT OF HEALTH

South Dakota Immunization Information System (SDIIS)



DOSES ADMINISTERED REPORT December 17, 2020 - December 17, 2020

REPORT CRITERIA														
CLINIC:	[REDACTED]			PROVIDER:	ALL	FUNDING:	ALL	VACCINE:	COVID-19-PFI					
AGE GROUP														
	<1	1	2	3-5	6	7-10	11-12	13-18	19-24	25-44	45-64	>64	Total	
Total	0	0	0	0	0	0	0	1	10	23	35	9	78	
VACCINE														
	<1	1	2	3-5	6	7-10	11-12	13-18	19-24	25-44	45-64	>64	Total	
COVID-19-PFI	0	0	0	0	0	0	0	1	10	23	35	9	78	
CLIENT TYPE														
	<1	1	2	3-5	6	7-10	11-12	13-18	19-24	25-44	45-64	>64	Total	
Frontline HCW (ED/ICU/COVID U)	0	0	0	0	0	0	0	0	6	19	30	7	62	
LTC Health Workers	0	0	0	0	0	0	0	1	4	3	5	2	15	
Unknown	0	0	0	0	0	0	0	0	0	1	0	0	1	

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PRINT SAVE CANCEL DONE

• *Inventory Management*

• Inventory Reports

- **DOSES ADMINISTERED REPORT**
- Use Doses Administered report in conjunction with Clinic Inventory to help ascertain physical counts, especially useful with HL7 Interface
- Priority groups listed at the bottom
- **Report to Qualtrics Online Survey** – required daily report
https://dohsd.sjc1.qualtrics.com/jfe/form/SV_5AN1S7ekyyQPovH
- NOTE: Doses Administered Report may have some lag time before being fully updated. May need to wait until first thing the next morning to report to Qualtrics, but absolutely MUST be reported by 9:00 AM the following day.

South Dakota Immunization Information System (SDIIS)



CLINIC INVENTORY

Clinic: Test Clinic 2010 (#7734)
Address: 615 East 4th Street
Pierre, South Dakota 57501
Phone: [605-367-4902](tel:605-367-4902)
Fax: [605-367-4902](tel:605-367-4902)

VACCINE	FUNDING SOURCE	LOT #	EXPIRATION DATE	VOLUME	REFRIGERATOR COUNT	MANUFACTURER	VENDOR
DTaP	Non-VFC	S028738	04/03/2022	49	<input type="text"/>	Merck	State
Flu High Dose	Private	ZR979	03/28/2022	30	<input type="text"/>	GlaxoSmithKline	Private
Varicella	VFC	1687291	09/11/2022	20	<input type="text"/>	Merck	State
Zoster-Shingrix	Private	1621934	01/29/2022	15	<input type="text"/>	Merck	Private

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PRINT

SAVE

CANCEL

DONE

• *Inventory Management*

• Inventory Reports

- Click radio button for **Clinic Inventory** to manually record physical inventory counts
- Click **SUBMIT**
- Review expiration dates to ensure no lots have expired or to see which lots may be soon to expire
- **Volume** column displays the number of doses remaining in SDIIS inventory
- **Refrigerator Count** column displays boxes for the user to manually write the number of doses in the storage unit(s) – refrigerated and frozen vaccines are all included in same list