

**Frequently Asked Questions**  
Miranda Baumgartner, Vaccines for Children/QI Coordinator

**NORTH Dakota** | Health & Human Services  
*Be Legendary.*

1

---

---

---

---


---

---

---

---

**Your clinic's vaccine shipment comes to your office after hours and you discover the marker indicates a temperature excursion. What should you do?**



**NORTH Dakota** | Health & Human Services  
*Be Legendary.*

2

---

---

---

---

---

---

---

---

**What should you do?**

- A) Put the vaccine in the storage unit and contact McKesson the next business day.
- B) Leave the vaccine in the box to send back to McKesson since the indicator shows it was out of range.
- C) Put the vaccine in the storage unit and contact McKesson right away.
- D) Put the vaccine in the storage unit and contact the manufacturers right away.

**NORTH Dakota** | Health & Human Services  
*Be Legendary.*

3

---

---

---

---

---

---

---

---

### What should you do?

- A) Put the vaccine in the storage unit and contact McKesson the next business day.
- B) Leave the vaccine in the box to send back to McKesson since the indicator shows it was out of range,
- C) Put the vaccine in the storage unit and contact McKesson right away.
- D) Put the vaccine in the storage unit and contact the manufacturers right away.

ND | NDHHS  
**Dakota** | Health & Human Services  
Immunization

4

---

---

---

---

---

---

---

---

### Vaccine Deliveries

- Any issues with vaccine deliveries should be reported the day the shipment is received.
  - Vaccine issues not reported the same day will result in the vaccine not being replaced by McKesson and will result in vaccine loss.
- For viability concerns please reach out to McKesson using the phone number supplied with the vaccine shipment, if the shipment is received after McKesson's operational hours, please leave a voicemail.

ND | NDHHS  
**Dakota** | Health & Human Services  
Immunization

5

---

---

---

---

---

---

---

---

### Vaccine Deliveries Cont.

- For any delivery issues, such as viability issues or missing product, please reach out to the Immunization Unit by phone or email **AFTER** McKesson has been contacted.
  - Phone: 701-328-2378 or 800-472-2180
  - Email: [vaccine@nd.gov](mailto:vaccine@nd.gov)
  - Contacting the Immunization Unit does not replace the need to contact McKesson

ND | NDHHS  
**Dakota** | Health & Human Services  
Immunization

6

---

---

---

---

---

---

---

---

**Your clinic has an open box of MMR that has expired. What should be done with this expired vaccine?**

NORTH  
Dakota  
| Health & Human Services  
NDIIS

7

---

---

---

---

---

---

---

---

### What should be done with this vaccine?

- A) Dispose of the vaccine since the box is open and enter a wastage in the NDIIS.
- B) Enter a return in the NDIIS and send the vaccine back to McKesson.
- C) Nothing needs to be done since the vaccine is expired. It can just be discarded.

NORTH  
Dakota  
| Health & Human Services  
NDIIS

8

---

---

---

---

---

---

---

---

### What should be done with this vaccine?

- A) Dispose of the vaccine since the box is open and enter a wastage in the NDIIS.
- B) Enter a return in the NDIIS and send the vaccine back to McKesson.
- C) Nothing needs to be done since the vaccine is expired. It can just be discarded.

NORTH  
Dakota  
| Health & Human Services  
NDIIS

9

---

---

---

---

---

---

---

---

**Your clinic has one dose of Flumist and a vial of Pfizer COVID-19 vaccine that have expired. How should these doses be entered into NDIIS?**

NORTH  
Dakota | Health & Human Services  
In partnership

10

---

---

---

---

---

---

---

---

### **How should these doses be entered into NDIIS?**

- A) Both vaccines should be entered as a wastage in the NDIIS and the vaccine disposed of per your facility's policy.
- B) The Flumist® should be entered as a return and sent back to McKesson and the Pfizer COVID-19 vaccine should be entered as a wastage and disposed of per your facility's policy.
- C) Both vaccines should be entered as a return and sent back to McKesson.
- D) Nothing needs to be done and the vaccine can be disposed of per your facility's policy.

NORTH  
Dakota | Health & Human Services  
In partnership

11

---

---

---

---

---

---

---

---

### **How should these doses be entered into NDIIS?**

- A) Both vaccines should be entered as a wastage in the NDIIS and the vaccine disposed of per your facility's policy.
- B) The Flumist® should be entered as a return and sent back to McKesson and the Pfizer COVID-19 vaccine should be entered as a wastage and disposed of per your facility's policy.
- C) Both vaccines should be entered as a return and sent back to McKesson.
- D) Nothing needs to be done and the vaccine can be disposed of per your facility's policy.

NORTH  
Dakota | Health & Human Services  
In partnership

12

---

---

---

---

---

---

---

---

## Vaccine Wastage vs Return

- **Wastage**
  - Nonviable vaccine that is not able to be returned to McKesson. This includes broken vaccine vials or syringes, vaccine drawn into a syringe but not administered, lost or unaccounted for vaccine and partially used multi-dose vials
  - All COVID-19 vaccine should be entered as a wastage. It cannot be returned to McKesson.
  - Vaccine being returned to McKesson must be entered as a vaccine return and should not be entered on this tab
- **Return**
  - Nonviable vaccine that needs to be returned to McKesson because it is expired, spoiled because of a temperature excursion or because of a vaccine recall. Multi-dose vials (MDV) can only be returned if no doses have been drawn from the vial

12/14/22  
Dakota | Health & Human Services  
In partnership

13

## Vaccine wastage vs return Continued

Return	Wastage
Any unopened MDV vaccine	Open IPV or MDV influenza
Partially used boxes of vaccine	Broken syringe/vial
Full unopened boxes of vaccine	Vaccine drawn up and not administered
	COVID-19 and mpox vaccines

12/14/22  
Dakota | Health & Human Services  
In partnership

14

**What is a very common phone call we receive based off of reminder/recall?**

12/14/22  
Dakota | Health & Human Services  
In partnership

15

### What is a very common phone call we receive based off of reminder/recall?

- A) Parents unaware that their child needs a second dose of Men B vaccine.
- B) Parents received a letter because their child had a duplicate record in NDIIS.
- C) Parents received a letter because all doses are not documented in their child's NDIIS record.
- D) All of the above

NDIIS  
**Dakota** | Health & Human Services  
South Dakota

16

---

---

---

---

---

---

---

---

### What is a very common phone call we receive based off of reminder/recall?

- A) Parents unaware that their child needs a second dose of Men B vaccine.
- B) Parents received a letter because their child had a duplicate record in NDIIS.
- C) Parents received a letter because all doses are not documented in their child's NDIIS record.
- D) All of the above

NDIIS  
**Dakota** | Health & Human Services  
South Dakota

17

---

---

---

---

---

---

---

---

### Meningococcal B

- Two vaccines available:
  - Trumenba® (Pfizer) - 2 dose series
    - Doses at 0 and 6 months
    - Patients who are immunocompromised or are involved in an outbreak setting will need three doses given at 0, 1-2 and 6 months
  - Bexsero® (GlaxoSmithKline) - 2 dose series
    - Doses at 0 and 1 month
- Lack of interchangeability

NDIIS  
**Dakota** | Health & Human Services  
South Dakota

18

---

---

---

---

---

---

---

---

19

## Meningococcal B

- Meningococcal B vaccine series should be administered to persons 16 through 23 years of age with a preferred age of vaccination of 16 through 18 years.
- A shared clinical decision-making recommendation enables coverage of meningococcal B vaccines by the VFC program and most insurance plans.

[illegible]

## Meningococcal B

- Meningococcal B vaccine is recommended for high-risk individuals ages 10 and older.
- Those that are considered high-risk:
  - Functional or anatomic asplenia
  - Persistent complement component deficiencies
  - Meningococcal B outbreak settings
  - Microbiologists working with bacteria

[illegible]

20

## Duplicate Client Records

- Flag any duplicate records in the NDISi by typing the word "DUPLICATE" on an empty field of the Demographics page.
  - **DO NOT DELETE ANY DEMOGRAPHIC INFORMATION FROM THE NDISi RECORD!**
- Do NOT check the "Exclude client from De-Duplication" checkbox. This box is only to be used when the record should never be merged with another.
- Make sure patient names are spelled the same in the NDISi and in your EHR whenever possible.
- Do NOT use nicknames in first name field.
- The word "DUPLICATE" must be spelled correctly. Entering words such as "merge" or "join" will not work. The red error message on the normalization program report and they won't be merged.

[illegible][illegible]

21

**Your clinic recently switched to Priorix® and you have a patient that is coming in that received MMRII® in the past. Can they receive a dose of Priorix® today?**

Division of  
Dakota | Health & Human Services  
South Dakota

22

---

---

---

---

---

---

---

---

**Can they receive a dose of Priorix® today?**

- A) Yes the two MMR vaccines are interchangeable.
- B) No the patient must receive the same brand for the MMR vaccine series.
- C) Yes but only in emergency circumstances where the original brand is not available.

Division of  
Dakota | Health & Human Services  
South Dakota

23

---

---

---

---

---

---

---

---

**Can they receive a dose of Priorix® today?**

- A) Yes the two MMR vaccines are interchangeable.
- B) No the patient must receive the same brand for the MMR vaccine series.
- C) Yes but only in emergency circumstances where the original brand is not available.

Division of  
Dakota | Health & Human Services  
South Dakota

24

---

---

---

---

---

---

---

---



## MMR Vaccine

- |  |  |
|--|--|
| <p><b>Priorix®</b></p> <ul style="list-style-type: none"> <li>• Combination measles, mumps and rubella vaccine</li> <li>• Manufactured by GSK</li> <li>• Licensed for 12 months and older</li> <li>• Interchangeable</li> <li>• <b>Can only be stored in the refrigerator</b></li> </ul> | <p><b>MMRII®</b></p> <ul style="list-style-type: none"> <li>• Combination measles, mumps and rubella vaccine</li> <li>• Manufactured by Merck</li> <li>• Licensed for 12 months and older</li> <li>• Interchangeable</li> <li>• Can be stored in either refrigerator or freezer</li> </ul> |
|--|--|

WISCONSIN  
**Dakota** | Health & Human Services  
Wisconsin

25

---

---

---

---

---

---

---

---

**Our clinic is transitioning to PCV15 for children. Do children who received part of their series as PCV13 need to finish with PCV13 or can we transition them as soon as we have PCV15?**

WISCONSIN  
**Dakota** | Health & Human Services  
Wisconsin

26

---

---

---

---

---

---

---

---

## PCV13 and PCV15 Interchangeable in Series

- A) PCV15 and PCV13 are interchangeable and children should receive whatever product is on hand.
- B) PCV13 series MUST be completed with PCV13. They are not interchangeable.
- C) High risk children must receive a dose of PCV15 following a complete series of PCV13.

WISCONSIN  
**Dakota** | Health & Human Services  
Wisconsin

27

---

---

---

---

---

---

---

---

## PCV13 and PCV15 Interchangeable in Series

- A) PCV15 and PCV13 are interchangeable and children should receive whatever product is on hand.
- B) A PCV13 series **MUST** be completed with PCV13. They are not interchangeable.
- C) High risk children must receive a dose of PCV15 following a completed series of PCV13.

© 2022  
**Dakota** | Health & Human Services  
By Regency

28

---

---

---

---

---

---

---

---

ACIP\* recommends **15-valent pneumococcal conjugate vaccine (PCV15)**  
 as an option for pneumococcal conjugate vaccination of children\*\*

- PCV13 and PCV15:  
 - can be used interchangeably  
 - are recommended for all children aged 2-59 months and some others based on risk factors  
 - can be administered at the same time as other routine vaccines, including COVID-19, using different syringes and vaccine sites  
 - PCV15 can be used according to currently recommended PCV13 dosing and schedules



**Make sure your patients are up to date  
 with their pneumococcal vaccinations**



\* See latest recommendations at <https://www.cdc.gov/vaccines/imz/downloads/p/2022-01-11-15-valent-pneumococcal-conjugate-vaccine-PCV15>

MMWR

MMWR

© 2022  
**Dakota** | Health & Human Services  
By Regency

29

---

---

---

---

---

---

---

---

## Pneumococcal Conjugate

- Primary series is three doses routinely given at 2, 4, and 6 months of age
- Fourth (booster) dose is recommended at 12-15 months of age
- Minimum intervals:
  - Children vaccinated at younger than 12 months: 4 weeks
  - Doses given at 12 months of age and older: 8 weeks

© 2022  
**Dakota** | Health & Human Services  
By Regency

30

---

---

---

---

---

---

---

---

### Pneumococcal Conjugate (cont.)

- A single dose of PCV13 or PCV15 is recommended for:
  - All healthy children ages 24 – 59 months who are not completely vaccinated
  - Children 60 – 71 months with underlying medical conditions
- Two doses of PCV13 or PCV15 are recommended for:
  - Children 24 – 71 months who are not completely vaccinated (have received less than 3 doses of PCV) who have underlying medical conditions

WISCONSIN  
**Dakota** | Health & Human Services  
Wisconsin

31

---

---

---

---

---

---

---

---

### Pneumococcal Conjugate (cont.)

- Children 6-18 years with high risk conditions
  - A single dose may be given to children 6-18 years of age at increased risk because of sickle cell disease, HIV or other immunocompromising condition, cochlear implant or cerebrospinal fluid leaks, regardless of whether they previously received PCV13 or PPSV23
- Remember: all doses of pneumococcal vaccine (PCV or PPV23) given at or after 12 months of age must be a minimum of 8 weeks apart

WISCONSIN  
**Dakota** | Health & Human Services  
Wisconsin

32

---

---

---

---

---

---

---

---

### Pneumococcal Vaccines

- As of December 1, 2022 providers were able to order PCV15 for those children that are VFC eligible.
  - It is important to remember that vaccines are expensive and PCV13 vaccine doses should be administered and not wasted.
  - Excessive waste of PCV13 may result in a requirement to repay vaccine.
- As of September 1, 2022 both PCV15 and PCV20 are available to order for un/underinsured adults through the 317 program.
- PCV20 is expected to be licensed for children in 2023.

WISCONSIN  
**Dakota** | Health & Human Services  
Wisconsin

33

---

---

---

---

---


---

---

---

## Pneumococcal App

- PneumoRecs VaxAdvisor
  - Mobile app helps vaccination providers quickly and easily determine which pneumococcal vaccines a patient needs and when
  - PneumoRecs VaxAdvisor Mobile App for Vaccine Providers  
[www.cdc.gov/vaccines/vpd/pneumo/hcp/pneumoapp.html](http://www.cdc.gov/vaccines/vpd/pneumo/hcp/pneumoapp.html)
- Users simply:
  - Enter a patient's age.
  - Note if the patient has specific underlying medical conditions.
  - Answer questions about the patient's pneumococcal vaccination history.



NORTH Dakota | Health & Human Services  
No Regrets

34

---

---

---

---


---

---

---

---

**Your clinic has already placed their monthly vaccine order and you notice that you have MMR vaccine that will expire within the next few weeks. Can you place another vaccine order now?**



NORTH Dakota | Health & Human Services  
No Regrets

35

---

---

---

---

---

---

---

---

**Can you place another vaccine order now?**

- A) Yes, providers can place a VFC vaccine order twice per month.
- B) Yes, but providers should contact the Immunization Unit before placing another VFC order.
- C) Yes, providers can place as many VFC vaccine orders in a month that they need to.
- D) No, providers are only able to place one VFC vaccine order per calendar month.
- E) Both B and D are correct

NORTH Dakota | Health & Human Services  
No Regrets

36

---

---

---

---

---

---

---

---

### Can you place another vaccine order now?

- A) Yes, providers can place a VFC vaccine order twice per month.
- B) Yes, but providers should contact the Immunization Unit before placing another VFC order.
- C) Yes, providers can place as many VFC vaccine orders in a month that they need to.
- D) No, providers are only able to place one VFC vaccine order per calendar month.
- E) Both B and D are correct

NDHHS  
**Dakota** | Health & Human Services  
Immunization

37

---

---

---

---

---

---

---

---

### Vaccine Ordering

- VFC providers are able to place a vaccine order once per calendar month.
  - This does NOT apply to influenza or COVID-19 vaccine orders
- If providers are running out of vaccine and have already placed their monthly order please call or email ([vaccine@nd.gov](mailto:vaccine@nd.gov)) the Immunization Unit prior to placing another vaccine order.
- Providers should allow up to 2 to 3 weeks for vaccine delivery.

NDHHS  
**Dakota** | Health & Human Services  
Immunization

38

---

---

---

---

---

---

---

---

### Vaccine ordering

- VFC-enrolled providers will order public vaccine using the Vaccine Ordering, Returns and Wastages module
- Providers must review their facility information and certify it is current before being able to place a vaccine order, return or wastage

#### Information Certification

\* I certify the provider information provided above is accurate and complete. ☐

NDHHS  
**Dakota** | Health & Human Services  
Immunization

39

---

---

---

---

---

---

---

---

## Vaccine ordering

- All public vaccines available for a provider to order are listed in the ordering grid
- Providers must enter current inventory on hand when ordering vaccine
  - Inventory only needs to be completed for vaccines the provider is trying to order, it is not necessary for all vaccines on hand.
- The ordering module will suggest an order minimum and maximum based on inventory on hand and doses administered
- If ordering above the suggested maximum, a comment is required

Edit Vaccine

Vaccine Name	<input type="text" value="Tdap"/>
Brand Name	<input type="text" value="Adacel"/>
Manufacturer Name	<input type="text" value="SANOFI PASTEUR"/>
Package Description	<input type="text" value="5 pack - 1 dose syringe"/>
NDHS Inventory	<input type="text" value="12"/>
Inventory On Hand	<input type="text" value="6"/>
Sugg Order Min	<input type="text" value=""/>
Sugg Order Max	<input type="text" value=""/>
Doses Ordered	<input type="text" value=""/>
Comments	<input type="text" value=""/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

**Dakota** | Health & Human Services  
In partnership

40

## Vaccine ordering

- Temperature logs for the provider's vaccine storage units must be submitted to the immunization program before vaccine orders will be processed
- Once a vaccine order is submitted, it is approved by the immunization program and submitted to CDC's VTrckS system
- After the vaccine is shipped, the provider order history grid will populate with the vaccine shipment tracking number

**Dakota** | Health & Human Services  
In partnership

41

**NDHS VTrckS Ordering System**

Home | Help

Results Information | Provider View | Results Menu | Results Settings

Order History

Order ID	Order Date	Order Status	Order Type	Order Description	Order Details	Order Tracking
1001	10/10/2021	Submitted	Order	1001 - 1 dose of	1001 - 1 dose of	1001 - 1 dose of
1002	10/10/2021	Submitted	Order	1002 - 1 dose of	1002 - 1 dose of	1002 - 1 dose of
1003	10/10/2021	Submitted	Order	1003 - 1 dose of	1003 - 1 dose of	1003 - 1 dose of
1004	10/10/2021	Submitted	Order	1004 - 1 dose of	1004 - 1 dose of	1004 - 1 dose of
1005	10/10/2021	Submitted	Order	1005 - 1 dose of	1005 - 1 dose of	1005 - 1 dose of
1006	10/10/2021	Submitted	Order	1006 - 1 dose of	1006 - 1 dose of	1006 - 1 dose of
1007	10/10/2021	Submitted	Order	1007 - 1 dose of	1007 - 1 dose of	1007 - 1 dose of
1008	10/10/2021	Submitted	Order	1008 - 1 dose of	1008 - 1 dose of	1008 - 1 dose of

Results Selected Order

Order ID	Order Date	Order Status	Order Type	Order Description	Order Details	Order Tracking
1001	10/10/2021	Submitted	Order	1001 - 1 dose of	1001 - 1 dose of	1001 - 1 dose of
1002	10/10/2021	Submitted	Order	1002 - 1 dose of	1002 - 1 dose of	1002 - 1 dose of
1003	10/10/2021	Submitted	Order	1003 - 1 dose of	1003 - 1 dose of	1003 - 1 dose of
1004	10/10/2021	Submitted	Order	1004 - 1 dose of	1004 - 1 dose of	1004 - 1 dose of
1005	10/10/2021	Submitted	Order	1005 - 1 dose of	1005 - 1 dose of	1005 - 1 dose of
1006	10/10/2021	Submitted	Order	1006 - 1 dose of	1006 - 1 dose of	1006 - 1 dose of
1007	10/10/2021	Submitted	Order	1007 - 1 dose of	1007 - 1 dose of	1007 - 1 dose of
1008	10/10/2021	Submitted	Order	1008 - 1 dose of	1008 - 1 dose of	1008 - 1 dose of

I have submitted temperature logs to the NDHS during the past month. Yes No

Sort By: Brand Name

Clear | Refresh | Save

**Dakota** | Health & Human Services  
In partnership

42

## How do I report a potential issue with the NDIIS not related to password/access issues?

NDIIS  
Dakota | Health & Human Services  
In partnership

43

---

---

---

---

---

---

---

---

## Reporting an NDIIS Functionality Issue

- A) Email [ndiissupport@bcbsnd.com](mailto:ndiissupport@bcbsnd.com) for all NDIIS related issues.
- B) Call the NDIIS Support desk at BCBS for all NDIIS related issues.
- C) Assume it has already been reported and wait for it to be fixed.
- D) Contact the NDIIS team in the Immunization Unit either by phone or email to report the issue.

NDIIS  
Dakota | Health & Human Services  
In partnership

44

---

---

---

---

---

---

---

---

## Reporting an NDIIS Functionality Issue

- A) Email [ndiissupport@bcbsnd.com](mailto:ndiissupport@bcbsnd.com) for all NDIIS related issues.
- B) Call the NDIIS Support desk at BCBS for all NDIIS related issues.
- C) Assume it has already been reported and wait for it to be fixed.
- D) Contact the NDIIS team in the Immunization Unit either by phone or email to report the issue.

NDIIS  
Dakota | Health & Human Services  
In partnership

45

---

---

---

---

---

---

---

---

## How to report a potential issue with the NDIIS and reach the correct member of the NDIIS team

NDIIS Support Services is only able to help users with login and access issues. If a user is not able to log in, is missing access to functionality, or is wondering about the status of their access request, please reach out to Support Services at 1-800-544-8467 or via email at [NDIISsupport@bcbnsd.com](mailto:NDIISsupport@bcbnsd.com).

NDIIS users are also now able to reset their own passwords, submit their own user registration form for new or updated access, and can change their verification method to receive the login verification code by text instead of email.



Any other NDIIS questions or issues, not related to login or access, should be sent to the NDHHS NDIIS team at [NDIIS@nd.gov](mailto:NDIIS@nd.gov). The NDIIS team at NDHHS is not able to help resolve login issues or provide updates on the status of an access request but we will help answer any other questions and we will work with the NDIIS development team to resolve any other system issues.

**Dakota** | Health & Human Services  
In partnership

46

---

---

---

---

---

---

---

---

---

---

**I am entering all required immunizations fields into my EHR so why is there information missing when the dose goes to the NDIIS and why isn't my NDIIS inventory decrementing?**

**Dakota** | Health & Human Services  
In partnership

47

---

---

---

---

---

---

---

---

---

---

## Missing Fields in the NDIIS

- A) The electronic message sent to the NDIIS from my EHR had an invalid NDC code.
- B) The lot number and vaccine funding source sent from my EHR don't match my NDIIS vaccine inventory.
- C) The electronic message sent to the NDIIS from my EHR had an invalid manufacturer code.
- D) All of the above.

**Dakota** | Health & Human Services  
In partnership

48

---

---

---

---

---

---

---

---

---

---



## Missing Fields in the NDIIS

- A) The electronic message sent to the NDIIS from my EHR had an invalid NDC code.
- B) The lot number and vaccine funding source sent from my EHR don't match my NDIIS vaccine inventory.
- C) The electronic message sent to the NDIIS from my EHR had an invalid manufacturer code.
- D) All of the above.

NDIIS  
**Dakota** | Health & Human Services  
Immunization

49

## Dose data entry and the interface between your EHR and the NDIIS

In order for doses to be added to the NDIIS through the interface with your EHR, for all of the dose information to be entered into the NDIIS record, and for your inventory to decrement correctly, all of the information must be entered in your EHR and formatted correctly.

The key pieces of information that must be entered and formatted correctly include:

- NDC code
  - The NDIIS interfaces rely on NDC to determine what type of vaccine was administered. The NDC must be in the 10-digit format with dashes separating the three segments of the code or in the 11-digit format with or without the dashes. Additional information on NDC format and converting a 10-digit NDC to 11 digits can be found on the DHHS NDIIS website at <https://www.hhs.nd.gov/public-health-information/diseases-conditions-and-immunization/immunizations/trainings>.
  - The NDC can be from the vaccine unit of sale (i.e., outer packaging) or unit of use (i.e., vaccine vial/syringe). NDIIS inventory will always use the unit of sale NDC but the interface can accept either unit of sale or unit of use to determine vaccine type. The CDC does maintain a unit of sale/unit of use NDC mapping table that also include both the 10 and 11-digit NDC formats. The CDC NDC tables can be found at [https://www2a.cdc.gov/vaccines/is/istandards/ndc\\_crosswalk.asp](https://www2a.cdc.gov/vaccines/is/istandards/ndc_crosswalk.asp).

NDIIS  
**Dakota** | Health & Human Services  
Immunization

50

## Data Entry Cont.

• The key pieces of information that must be entered and formatted correctly include:

- Lot number and funding source
  - The NDIIS relies on the combination of lot number and vaccine funding source (i.e., state/public or private) in order to decrement inventory. If the lot number and funding source does not exactly match what is in your NDIIS inventory, doses on hand cannot be decremented. NDIIS inventory will always have the lot number from the vaccine unit of sale. If the vaccine has a different lot number on the unit of use and that is the lot number documented in your EHR and sent to the NDIIS, your NDIIS inventory will not decrement.
  - Vaccine funding source is required for every administered immunization documented in the NDIIS. Your EHR must be sending an allowable value to indicate vaccine funding source based on your dose documentation. Allowable values for funding source from an EHR can be found on the DHHS NDIIS website at <https://www.hhs.nd.gov/immunizations/ndiis/interoperability>.
- Vaccine manufacturer
  - Administered immunizations documented in your EHR must be sent to the NDIIS with a valid 3-character code for the vaccine manufacturer. There is a standard code set for vaccine manufacturer that can be found on the CDC website at <https://www2a.cdc.gov/vaccines/is/istandards/vaccines.asp?rot=mx>. Doses sent from your EHR with a non-standard value for manufacturer will cause errors on the NDIIS.

NDIIS  
**Dakota** | Health & Human Services  
Immunization

51

How long can a vial of IPV  
be used after the vial is  
opened/entered?

Division of  
Dakota | Health & Human Services  
South Dakota

52

---

---

---

---

---

---

---

---

### Open IPV Expiration?

- A) Once the vial of IPV is open you have 28 days before the vial must be discarded.
- B) The open vial of IPV is good until the expiration date on the vial.
- C) The vial must be used within 2 months of opening.

Division of  
Dakota | Health & Human Services  
South Dakota

53

---

---

---

---

---

---

---

---

### Open IPV Expiration?

- A) Once the vial of IPV is open you have 28 days before the vial must be discarded.
- B) The open vial of IPV is good until the expiration date on the vial.
- C) The vial must be used within 2 months of opening.

Division of  
Dakota | Health & Human Services  
South Dakota

54

---

---

---

---

---

---

---

---

## Open Multidose Vials

- Vaccines in multidose vials that do not require reconstitution can be used through the expiration date printed on the label as long as the vaccine is not contaminated unless indicated otherwise by the manufacturer.
  - IPV in a multidose vial can be used through the expiration date on the vial.



**Dakota** | Health & Human Services  
In partnership

55

## Open Multidose Vials (CONT.)

- For some vaccines, the manufacturer specifies that once the multidose vial has been entered or the rubber stopper punctured, the vaccine must be used within a certain number of days.
- This is commonly referred to as the "beyond-use date" (BUD). Any vaccine not used within the BUD should be discarded. Specific information regarding the BUD can be found in the product information.

**Dakota** | Health & Human Services  
In partnership

56

## Staff Members

### North Dakota Division of Immunizations

Molly Howell, MPH Director	Phone: 701-328-4556 Email: <a href="mailto:mhowell@nd.gov">mhowell@nd.gov</a>	Mary Woinarowicz, MA NDHS Manager	Phone: 701-328-2404 Email: <a href="mailto:marywoinarowicz@nd.gov">marywoinarowicz@nd.gov</a>
Abbi Berg, MPH VFC/Quality Improvement Manager	Phone: 701-328-3324 Email: <a href="mailto:aberg@nd.gov">aberg@nd.gov</a>	Allison Dykstra, MS NDHS Coordinator	Phone: 701-328-2420 Email: <a href="mailto:adykstra@nd.gov">adykstra@nd.gov</a>
Miranda Baumgartner VFC/QI Coordinator (West)	Phone: 701-328-2035 Email: <a href="mailto:mbaumgartner@nd.gov">mbaumgartner@nd.gov</a>	Ronda Kerscher NDHS Data Admin	Phone: 701-328-1379 Email: <a href="mailto:rkerscher@nd.gov">rkerscher@nd.gov</a>
Ally Schweitzer, MHA VFC/QI Coordinator (East)	Phone: 701-541-7226 Email: <a href="mailto:aschweitzer@nd.gov">aschweitzer@nd.gov</a>	Melissa Anderson NDHS Data Quality Coordinator	Phone: 701-328-4169 Email: <a href="mailto:melissa.anderson@nd.gov">melissa.anderson@nd.gov</a>
Danni Pinnick, MPH Immunization Surveillance Coordinator	Phone: 701-239-7169 Email: <a href="mailto:dpinnick@nd.gov">dpinnick@nd.gov</a>	Andrew Bjogstad, MPH Adult Immunization Coordinator	Phone: 701-955-5140 Email: <a href="mailto:abjogstad@nd.gov">abjogstad@nd.gov</a>
Jenny Galbraith Adult Immunization Manager	Phone: 701-328-2335 Email: <a href="mailto:jgalbraith@nd.gov">jgalbraith@nd.gov</a>	Tori Nelson Adult Immunization Coordinator	Phone: 701-328-2426 Email: <a href="mailto:tnelson@nd.gov">tnelson@nd.gov</a>
Michelle Eberhardt, RN Adult Immunization Coordinator	Phone: 701-695-1551 Email: <a href="mailto:mberhardt@nd.gov">mberhardt@nd.gov</a>	Olenka Agular, MPH Immunization Analyst	(CDC Foundation Staff) Email: <a href="mailto:agular@nd.gov">agular@nd.gov</a>
Kristen Vietter Adult Immunization Coordinator	Phone: 701-695-5375 Email: <a href="mailto:kvietter@nd.gov">kvietter@nd.gov</a>	Christina Phele Immunization Admin Assistant	Phone: 701-328-3386 Email: <a href="mailto:cphele@nd.gov">cphele@nd.gov</a>

**Dakota** | Health & Human Services  
In partnership

57

## Post-Test

- Post-test
  - Nurses interested in continuing education credit, visit [https://ndhealth.co1.qualtrics.com/jfe/form/SV\\_8vUyNC7ctDSvzka](https://ndhealth.co1.qualtrics.com/jfe/form/SV_8vUyNC7ctDSvzka)
  - Successfully complete the five-question post-test to receive your certificate
  - Credit for this session will not expire until January 13, 2023.
- This presentation will be posted to our website: [www.hhs.nd.gov/immunizations](http://www.hhs.nd.gov/immunizations)

NDHHS  
**Dakota** | Health & Human Services  
Integrity

---

---

---

---

---

---

---