

# Ohio Vaccines for Children (VFC) Vaccine Education

June 13, 2024

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# Agenda

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- Welcome.
- Objectives.
- Vaccine Updates.
- Vaccine Transport Process Overview.
- 2023-2024 VFC Flu Vaccine Return Process.
- 2024-2025 VFC Flu Vaccine Ordering.
- VFC Reminders and Updates.
- Pre-submitted Questions.

# Objectives

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At the end of the webinar, vaccine providers should:

- Be aware of VFC vaccine and program updates.
- Be familiar with the protocols of emergency vaccine transport.
- Know how to request a return label for expiring flu vaccine.
- Be familiar with the ordering process for flu vaccine.

# VFC Vaccine Updates

What's new in the world of VFC immunizations.

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# Updated Recommendations

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The Advisory Committee on Immunization Practices (ACIP) recently recommended updates to the following childhood immunizations:

- MenABCWY (Penbraya).
- Respiratory Season 2024-2025:
  - Influenza 2024-2025.
  - RSV.
  - COVID-19 2024-2025.

# MenABCWY (Penbraya)

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The most recent meningococcal vaccine recommendations from ACIP include the use of the five-valent (pentavalent) MenABCWY (Penbraya).

MenABCWY (Penbraya) has been added to the VFC Program. Ordering for this product opened-up on May 22, 2024.

Penbraya is used when both MCV4 and MenB are to be given at the same visit. One injection at the visit instead of two injections to protect against these five groups of meningococcal: A, B, C, W, and Y.

# ACIP Recommendations for Meningococcal ACWY Vaccine:

Vaccine	Minimum Age	First Dose	Second Dose (Spacing)
<b>Menveo (ACWY) one-vial</b>	10 years	11-12 years	On or after 16 years
<b>Menquadfi (ACWY)</b>	2 years	11-12 years	On or after 16 years
<b>Penbraya (ABCWY)</b>	10 years	11-12 years* <b>High risk</b> individuals may receive <b>Penbraya</b> again after six-months spacing between doses.	On or after 16 years
		16 – 18 years	Six months after previous dose of MenABCWY.

\*Penbraya can be administered as first dose if no other ACWY product is available.

# ACIP Recommendations for Meningococcal B Vaccine:

Vaccine	Minimum Age	Usual Age for First Dose	Second Dose (Spacing)
<b>Bexsero</b>	2 months	16 - 18 years	Four weeks following first dose.
<b>Trumenba</b>	10 years	16 - 18 years	<b>Two-dose</b> series: separate doses by six months. <b>Three-dose</b> series: zero, one - two months, six months.
<b>Penbraya</b>	10 years	11-12 years* <b>Trumenba</b> dose six months after dose one of Penbraya to complete Men B series for non-high-risk individuals. <b>High risk</b> individuals may receive <b>Penbraya</b> again after six-months spacing between doses.	
		16 – 18 years	Six months from previous dose of MenABCWY (or Trumenba).

**MenB vaccines are NOT interchangeable!**

\* Penbraya can be administered as first dose if no other ACWY product is available.



# Respiratory Virus Season 2024-2025

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Offer vaccines for the 2024-2025 Respiratory Virus Season.

- Influenza.
- RSV.
- COVID-19.

Any new guidance changes with the vaccines for the 2024-2025 Respiratory Virus Season will be shared in the coming months.

# 2024-2025 Influenza Vaccines

## Quadrivalent vs Trivalent.

In the United States, quadrivalent influenza vaccine has been available since the 2013-2014 Influenza Season. **For the 2024-2025 Influenza Season, trivalent influenza vaccines will be used.**

Vaccination recommendations for people six months of age and older continue. There are no changes to the guidelines; children under nine years old without history of prior influenza vaccination will still need two doses one month apart.

Quadrivalent flu vaccines include vaccine viruses or viral proteins from four viruses:

- One influenza A(H1N1) virus.
- One influenza A(H3N2) virus.
- One influenza B/Victoria lineage virus.
- One B/Yamagata lineage virus.

Trivalent flu vaccines include three vaccine viruses. They will not include an influenza B/Yamagata lineage vaccine virus or viral protein component.

# 2024-2025 Influenza Vaccines

**Trivalent influenza vaccines will be used in the United States.**

ACIP reviewed studies which show influenza B/Yamagata viruses have not been detected after March 2020, using global surveillance for actively circulating influenza viruses. As a result, the influenza B/Yamagata vaccine component in flu vaccines is now removed.



[World Health Organization Influenza 2024-2025](#)

# 2024-2025 Influenza Vaccines

Influenza viruses may not replicate equally well in the egg- and cell-based vaccine production systems. Therefore, different viruses with similar antigenic properties are sometimes recommended for the two production systems.

## **Egg-based vaccines.**

- An A/Victoria/4897/2022 (H1N1)pdm09-like virus.
- An A/Thailand/8/2022 (H3N2)-like virus.
- A B/Austria/1359417/2021 (B/Victoria lineage)-like virus.

## **Cell- or recombinant- based vaccines.**

- An A/Wisconsin/67/2022 (H1N1)pdm09-like virus.
- An A/Massachusetts/18/2022 (H3N2)-like virus.
- A B/Austria/1359417/2021 (B/Victoria lineage)-like virus.

# COVID-19 2024-2025 Season

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The COVID-19 2023-2024 vaccine continues to be effective against JN.1 strain, which became dominant in January.

The Food and Drug Administration's (FDA) Vaccines and Related Biological Products Advisory Committee (VRBPAC) meet on June 5, 2024, to discuss any needed vaccine strain changes for COVID vaccines. Their final decision was for a monovalent JN.1 strain selection for the for the 2024-2025 COVID-19 vaccines. JN.1 is effective to lessen symptoms from FLiRT variants K.2 and K.3.

The Advisory Committee on Immunization Practices (ACIP) will then meet on June 26 -28, 2024, to review and fine tune any recommendations.

Present 2023-2024 COVID-19 vaccine: Remember, for those 65 and older, there's a four-month interval before you can get an additional dose; immunocompromised and children is a two-month interval from the last dose.

# Vaccine Transport Process

## Vaccine Emergency Relocation

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# Scenarios Possibly Needing Relocation

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- Refrigerator or freezer malfunctions.
- Natural disaster results in power failure.
- Other emergency compromises appropriate vaccine storage conditions, vaccines may need to be transported to another location.
- Facility has a planned power outage.

# Responsible Staff

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The Vaccine Coordinator or the Back-up Vaccine Coordinator are responsible for these actions:

- Determining the need for relocation.
- Alert the emergency relocation site about the need to relocate vaccine.
- Pack the vaccines for transport.
- Transport the vaccines to the emergency relocation site.



# What to do if you need to move vaccine:

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**Always inform ODH about your intention to transport VFC vaccines, prior to moving the vaccine, if possible.**

If it is necessary to move the vaccine outside normal business hours, please proceed and contact the ODH Immunization Program the following business day.

The Immunization Program is available at 1-800-282-0546 or 614-466-4643 during weekday business hours from 8 a.m. – 5 p.m.

Note: A residence is not a sufficient first option for an emergency relocation site but may be a viable last resort.

# Vaccine Transport Supplies:

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1. Qualified containers specifically designed for vaccine transport. Containers are qualified through laboratory testing under controlled conditions.
  - It is acceptable to use hard plastic Igloo-type coolers or a Styrofoam™ cooler from a previous vaccine shipment.
2. “Conditioned” frozen water bottles.
  - Condition frozen water bottles by holding them under running tap water or submerging them in a sink filled with tap water until the block of ice can spin freely when the bottle is rotated. Phase change material (PCMs) can also be used to transport vaccines.
3. Digital data logger.
4. Corrugated cardboard.
5. Bubble wrap.

# Proper Vaccine Transport Packout:

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1. Spread conditioned water bottles or phase change materials (PCM) to cover the bottom of the cooler.
2. Place a piece of cardboard over the water bottles.
3. Place a 1 inch layer of bubble wrap on top of the cardboard.
4. Stack layers of vaccine boxes on the bubble wrap.
5. Place the glycol probe for the digital data logger in with the boxes of vaccine on the bubble wrap. Assure that it is connected to the data logger.
6. Completely cover the vaccine with a 1 inch layer of bubble wrap.

# Proper Vaccine Transport Packout:

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7. Place another piece of cardboard on top of the bubble wrap to completely cover it.
8. Spread “conditioned” water bottles or PCMs on top of the cardboard.
9. Fill the cooler to the top with bubble wrap. Place the Vaccine Transfer Form on top of the bubble wrap. (Note: temperatures may go above 46°F for a short time while packing – this is acceptable.)
10. The lid on the cooler should be attached securely (tape may be needed).
11. The data logger should be placed on the outside of the cooler with a temperature log. Assure that it is attached to the probe in glycol.

# Vaccine Transport Reminders:

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- A digital data logger **must** be placed in the vaccine transport container with the vaccine.
- The vaccines should not be left unattended. Stay with it during transport and promptly place into appropriate storage units upon arrival.
- If vaccines are maintained in an insulated cooler, the temperatures must be checked and recorded hourly.
- When transporting vaccines in vehicles, use the passenger compartment - not the trunk.
- Always call ODH to report emergency vaccine transport.

# 2023-2024 VFC Flu Vaccine Return Process

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# Returning Wasted or Expired VFC Vaccine to McKesson

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All remaining flu vaccine for the 2023-2024 season will expire on June 30, 2024.

Vaccines cannot be returned until the expiration date has passed.

- Gather all expired doses of VFC vaccine. Non-flu vaccines can be returned with flu vaccines.
  - At least 10 total doses for a return label.
  - Return labels will be sent via email unless otherwise requested.
- Complete a [vaccine transfer form](#).

# Vaccine Transfer Form

Ohio Department of Health - Bureau of Infectious Diseases  
VACCINES FOR CHILDREN (VFC) PROGRAM



ODH Immunization Program: 246 N. High Street, Columbus, OH 43215  
Vaccine@odh.ohio.gov; FAX: 614-564-2508

## VACCINE TRANSFER FORM

### Instructions if returning wasted or expired vaccine to McKesson:

1. Complete this form and then fax to 614-564-2508 or email a copy to Vaccine@odh.ohio.gov.
2. Make a copy of the transfer form for your records.
3. After you receive the vaccine return label, enclose the vaccine transfer form in the shipping container with the expired/wasted vaccine.
4. Stick or tape the vaccine return label on the shipping container.
5. Mark the outside of the shipping container "Expired and/or Wasted Vaccine Enclosed".
6. Follow the return instructions from McKesson Distribution.

Provider's Name	Contact Name	
Provider's Address	Telephone Number (     )	VFC #
City	Zip Code	Date
Send Vaccine Return Label Via Email? YES                      NO	Email Address:	

### Please complete ALL sections on this form

DATE	NDC #	VACCINE TYPE	MANUFACTURER	LOT NUMBER	EXPIRATION DATE	NUMBER OF DOSES	TRANSACTION CODE (SEE BELOW)	COMMENTS

### TRANSACTION CODES - Enter above

NOTES	ADDITIONAL INFORMATION WHEN TRANSFERRING OR RECEIVING VIABLE VACCINE FROM ANOTHER VFC PROVIDER	TRANSACTION CODE	DEFINITION
You need the approval of the VFC Program prior to transferring vaccine to another VFC provider.  You must use a data logger when transferring viable vaccine.  An explanation of the events (e.g., power outage) that resulted in wasted vaccine should be included with the form.  McKesson does not accept returns of opened vials of IPV.  If a total of 9 or fewer doses of vaccine, do not return to McKesson, but dispose as biohazard.	Name                      VFC #	1	Viable vaccine transferred to another VFC Provider
	Name                      VFC #	2	Viable vaccine received from another VFC Provider
	All wasted and expired vaccine must be returned to McKesson using a return label requested through the Immunization Program. To receive a return label, fax completed Vaccine Transfer Form to 614-564-2508.	3	Wasted vaccine returned to McKesson
		4	Expired vaccine returned to McKesson

Questions? Call VFC Vaccine Order Support at (614) 752-1352 or Immunization Program Phone (800) 282-0546

- Please write legibly.
- Include:
  - VFC Pin
  - Email address.
- Assure the NDC number is correct for each product.
- Submit via fax to 614-564-2508 or email a copy to [Vaccine@odh.ohio.gov](mailto:Vaccine@odh.ohio.gov).






# Returning Wasted or Expired VFC Vaccine to McKesson

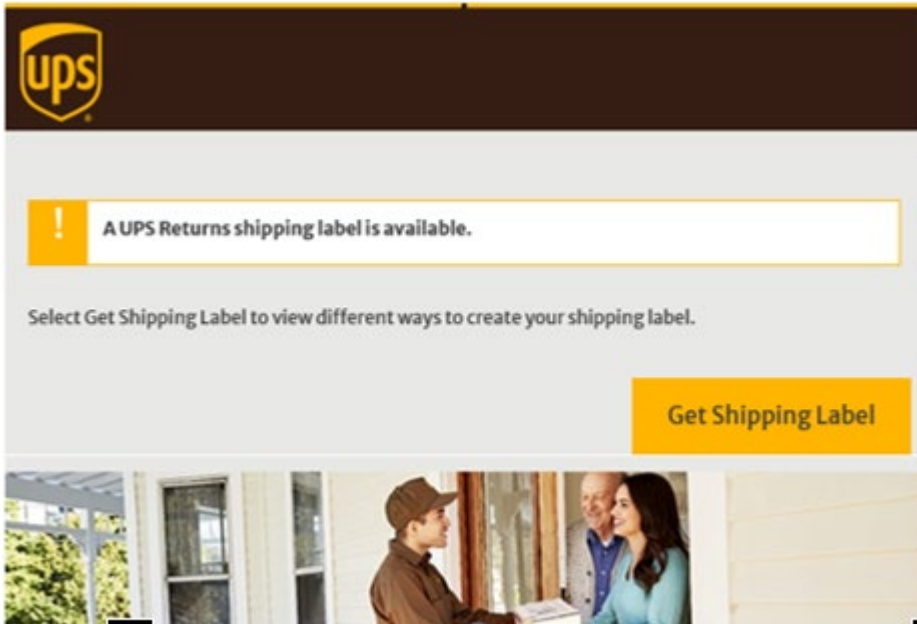
UPS Label Delivery, 1Z2R43839097630057



UPS Quantum View <pkginfo@ups.com>

To: Thornton, Alexandra

 You forwarded this message on 9/5/2019 10:11 AM.  
If there are problems with how this message is displayed, click here to view it in a web browser.



The email will come from "UPS Quantum View <[pkginfo@ups.com](mailto:pkginfo@ups.com)>" with the Subject: UPS Label Delivery (18-digit tracking #).

Please make sure this email address is not blocked by your organization's spam filters.

Open the email and click on the yellow "Get Shipping Label" box.

NOTE: Shipping label link is only valid for 30 days.

# Returning Expired VFC Flu Vaccine

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- Typically return labels are processed within 10-14 business days, usually sooner.
- However, in July, please expect at least two to three weeks before your request is processed by ODH. Most providers submit for a return label after June 30 every year, which spikes the queue for return label requests.
- Check all email inbox folders for the shipping label email.
- After three weeks, if you cannot locate the return label email, please contact our program.

# 2024-2025 VFC Flu Vaccine Ordering

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# Available Products through VFC

Brand	Description	Age Indication	Manufacturer
<b>Flumist</b>	.2mL single dose nasal spray	2- 49 years	AstraZeneca
<b>Flulaval</b>	.5mL single dose syringe	6 months +	GSK
<b>Fluzone</b>	.5mL single dose syringe	6 months +	Sanofi
<b>Fluzone*</b>	5mL multi-dose vial	6 months +	Sanofi
<b>Flucelvax</b>	.5mL single dose syringe	6 months +	Seqirus

\*contains preservatives as it is a multi-dose vial.

# Expected Flu Vaccine Ordering Window

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## **Opens:**

Thursday, August 1.

## **Closes:**

Saturday, August 31.

# Expected Flu Vaccine Ordering Outreach

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- Flu Ordering Communication e-mailed to providers mid-July.
- Message of the Day in ImpactSIIS
- PHC outreach to VFC Primary and Back Up Coordinators in mid-late August.
- Flu Vaccine Ordering Window:

Thursday, August 1 through Saturday, August 31.

# Flu Vaccine Allocations

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- Vaccine is allocated in September based on how much vaccine has been allocated to ODH by CDC.
- Typically, the first allocation is completed the second/third week of September.
- Subsequent allocations will continue until our initial provider orders are fulfilled.
- The goal is for providers to have as much flu vaccine as possible by October 1.
- Paper orders are accepted after the initial ordering window closes.
- Flu products will be added to the VFC refrigerated order set in VOMS towards the end of October after initial orders are fulfilled.

# Flu Vaccine Allocation Example

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**Aug 9:** Provider ABC submits an order for 100 doses of Flulaval.

**Sept 16:** ODH receives an allocation of Flulaval from CDC.

**Sept 16:** ODH determines the allocated doses can be used to fulfill 20% of each provider's Flulaval order.

**Sept 16-17:** ODH will process an order for Provider ABC for 20 doses of Flulaval.

The remaining 80 doses of Flulaval will be sent to Provider ABC in subsequent allocations.



# VFC Reminders and Updates

What's new in the world of VFC Program.

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# VFC Reminders and Updates

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- All enrolled providers must have a primary and back up coordinator. At least one of these individuals must be on-site.
- Notify ODH VFC Program of VFC Coordinator staff turnover or address changes.
- Office hour updates should be noted in VOMS when placing a vaccine order.
- Review and update your vaccine management plan at least annually.

# ODH VFC Website: VFC Email Communications

- ODH VFC Program has shifted to email communications with our enrolled providers. These emails are sent from [vfc@odh.ohio.gov](mailto:vfc@odh.ohio.gov)
- Most communications will also be available on our [ODH VFC website](#) for providers to view.

The screenshot displays the ODH VFC Website interface. At the top, a navigation bar includes the Ohio Department of Health logo, a link to 'Here's how you know', and a language translation option. The main navigation menu lists: WHO WE ARE ABOUT US, INFORMATION & PROGRAMS (highlighted), HEALTH RULES LAWS & FORMS, EXPLORE DATA & STATS, and FIND LOCAL HEALTH DISTRICTS. A search bar is located on the right. The breadcrumb trail reads: ODH / Information & Programs / Immunization / Vaccines for Children Communications. The page title is 'Vaccines for Children Communications', with a subtitle 'Vaccines for Children Communications' and a note: 'Take a look at our most recent communications below.' A sidebar on the left lists: Immunization, WELCOME, COVID-19 VACCINE PROVIDERS, VACCINES FOR CHILDREN (VFC), VACCINES FOR CHILDREN COMMUNICATIONS (highlighted with a red bar and a red arrow), REQUIRED VACCINES FOR CHILD CARE & SCHOOL, and RECOMMENDED VACCINES FOR COLLEGE STUDENTS. The main content area features a filter section with the text 'Filter the content below by keyword or date.' and a search input field. Below this are date pickers for 'From Date' and 'To Date', both set to 'mm/dd/yyyy'. A red arrow points from the 'VACCINES FOR CHILDREN COMMUNICATIONS' link in the sidebar to the 'From Date' field. At the bottom right of the filter section are 'FILTER' and 'RESET FILTERS' buttons. A news item titled 'Td Vaccine Allocation Update' is visible at the bottom, dated March 11, 2024.

# Resources

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## VFC Consultant Territory Map

### **Contact Us:**

#### **Phone:**

(614) 466-4643  
1-800-282-0546

#### **Email:**

[vfc@odh.ohio.gov](mailto:vfc@odh.ohio.gov)  
[Immunize@odh.ohio.gov](mailto:Immunize@odh.ohio.gov)  
[Impact@odh.ohio.gov](mailto:Impact@odh.ohio.gov)

### **Webpage Resources:**

[VFC Providers](#)  
[ImpactSIIS Job Aids](#)

# Resources

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- **VAERS** reporting assistance:
  - Email [info@VAERS.org](mailto:info@VAERS.org).
  - Call 1-800-822-7967.
  - [CDC Emergency Vaccine Transport](#).
  - [Immunize.org Storage and Handling](#).

# QUESTIONS?

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ODH.OHIO.GOV



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Health



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