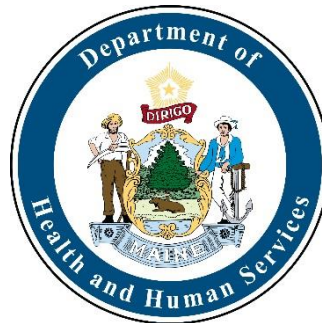


Preventing Vaccine Wastage

Maine Immunization Program

6/15/2023



Objectives

- Vaccine Need
- Vaccine Ordering
- Receiving Vaccines
- Preparing Vaccine for Administration
- Wastage Reasons
- Tips to Reduce Vaccine Wastage
- Borrowing Form
- Resources

Vaccine Need

- Vaccine Need – The “Vaccine Need” (also known as The Provider Profile) represents populations served by the MIP-enrolled provider site during the most recent 12 months and helps MIP determine how much vaccines to supply to each site.
- The vaccine need may be increased or decreased at any time if the number of MIP supplied eligible children changes, or if there are any applicable changes to the status of the facility that might affect vaccine usage.
- Each site is required to submit the vaccine need in ImmPact annually, by July 1st.
- The vaccine need can be found under the “maintenance” section in ImmPact

Vaccine Need:						
Vaccine Need for MIP VACCINE SITE/4321						
For the 12-month period beginning January 1 estimate the number of patients who will receive vaccinations at your facility, by age group. Only count a patient once for the 12 month period based on the status at the last immunization visit. You may be able to get these numbers from your billing department or screening records. These numbers do not affect your ability to receive vaccine in Maine. They do help our program identify appropriate funding sources.						
Category	Year	Patients <1 Year	Patients 1-6 Years	Patients 7-18 Years	Patients >18 Years	Total
VFC Eligible						
Medicaid/ MaineCare	Current est.	<input type="text"/>	<input type="text"/>	<input type="text"/>	N/A	0
S CHIP	Current est.	<input type="text"/>	<input type="text"/>	<input type="text"/>	N/A	0
Not Insured <19 yrs	Current est.	<input type="text"/>	<input type="text"/>	<input type="text"/>	N/A	0
American Indian/Alaska Native	Current est.	<input type="text"/>	<input type="text"/>	<input type="text"/>	N/A	0
Non-VFC Eligible						
Insured (covered by state universal vaccine plan)	Current est.	<input type="text"/>	<input type="text"/>	<input type="text"/>	N/A	0
Private >18 yrs	Current est.	N/A	N/A	N/A	<input type="text"/>	0
Not Insured >18 yrs	Current est.	N/A	N/A	N/A	<input type="text"/>	0
Total Vaccine Need by Age Group - (Current)						
		<1 Year	1-6 Years	7-18 Years	>18 Years	Total*
		0	0	0	0	0
*Maine law requires private health insurance companies to cover the cost of ACIP recommended vaccines for the Non-VFC population.						
						Save

Vaccine Ordering

- Prior to ordering
 - Update the cold chain in ImmPact
 - Reconciliation has been completed to ensure inventory on hand accurately reflects the inventory in ImmPact.
- All enrolled sites should maintain a 4 - 6-week supply of vaccine inventory to ensure there is enough vaccine in stock to allow for any potential delays.
- MIP recommends smaller, more frequent orders, rather than larger orders to minimize the amount of vaccine loss if an incident occurs during shipment or in the vaccine storage unit.
- Current inventory and unit storage capacity must be considered when vaccine orders are placed to ensure adequate storage for all vaccine is available, especially during influenza season.
- Do not over order

Receiving Vaccines

The vaccine will be shipped so that it will arrive when staff are available to accept the vaccine based on the hours that are listed on the provider agreement.

- If there are changes in office hours, please update the provider agreement immediately.

The following steps are required when a vaccine shipment arrives:

- ✓ Check vaccines against the packing list to verify all vaccines have been received.
- ✓ Inspect the vaccines and check the temperature strip or other temperature reading device.
- ✓ Ensure adequate amount of diluent is included for those vaccines which require reconstitution (e.g., MMR, Varicella).
- ✓ Determine the length of time the vaccine was in transit by looking at the ship date and time on the packing.
- ✓ Immediately contact MIP when:
 - The appropriate quantity and type of vaccine or diluent is not received
 - Vaccines have been received in error
 - Vaccines appear to be compromised.
- ✓ Appropriately store all vaccines immediately upon receipt regardless of any errors in quantity, shipping, or transport.
- ✓ Check expiration dates and rotate stock to ensure short-dated vaccines are used first.
- ✓ Immediately accept receipt of the vaccines in ImmPact.

Preparing Vaccine for Administration

- Do NOT pre-draw!
- Prepare doses right before administration after confirming with provider / parent.
- Vaccines that are not administered immediately are at risk of becoming non-viable and if given, may lead to revaccination / wastage.
- Always check expiration dates on ALL diluents and vaccines prior to drawing up.
- Do not dispose of multi-dose vials! Multi-dose vials containing vaccine can be used up to the expiration date on the vial unless otherwise noted by manufacturer. (ie, Moderna)



Wastage Reasons

Reasons that count towards preventable wastage:

- Failure to store properly upon receipt
- Lost or unaccounted for
- Spoiled other
- Stopped DDL / Unknown unit temp
- Expiration - full boxes ONLY

Reasons not counted towards preventable wastage:

- Broken vial / syringe
- Expiration reported by provider
- Natural disaster / power outage
- Open vial but all doses not admin
- Vaccine spoiled in transit
- Vaccine drawn into syringe but not administered *
- Storage unit failure*
- Storage unit too cold or too warm*
 - *Repeated occurrences of unit failures or temp excursions could count against preventable wastage*



Tips to Reduce Vaccine Wastage

- Maintain the cold chain to prevent spoilage by immediately opening deliveries of vaccines, immediately storing the vaccines at appropriate temperatures and in the appropriate storage unit.
- Store vaccines in original packaging and in the middle of the unit with space between the side/back of the unit.
- Never store in vaccines the doors, vegetable bins, on floor the unit, or under or near cooling vents.
- Place water bottles throughout the refrigerator and freezer storage units to:
 - Stabilize or extend temperatures during a power outage
 - Help with the effects of opening/closing the door during busy clinic days
 - Serve as physical blocks preventing the placement of vaccines in areas that are at higher risk for temperature excursions.
- Rotate stock weekly or when a new shipments arrive
 - Soonest-to-expire are stored in the front
- Only open one vial or box of a particular vaccine at a time to control use/inventory
- In regular clinics/practices, vaccines should be prepared immediately prior to administration.
- Maintain four to six weeks' supply of vaccines.
 - To prevent unnecessary vaccine wastage, order less vaccine more often.

Borrowing Form

- Vaccines For Children (VFC) enrolled providers are expected to maintain an adequate inventory of vaccine for VFC and non-VFC eligible patients (if applicable). VFC funded vaccine cannot be used as a replacement system for a provider's privately purchased vaccine inventory.
- The provider must assure that borrowing VFC funded vaccines will not prevent a VFC eligible child from receiving a needed vaccination because VFC funded vaccine was administered to a non-VFC eligible individual. Borrowing should only occur when there is a lack of appropriate stock of vaccine due to unexpected circumstances such as a delayed vaccine shipment, vaccine spoiled in-transit to provider, or staff calculated ordering time incorrectly
- When a provider has borrowed a vaccine from one stock to administer to a child who is only eligible to receive vaccine from the other stock, this form must be filled out completely for each borrowing occurrence. Each vaccine a child receives must be listed on a separate row. As soon as the borrowed doses of vaccine are replaced to the appropriate vaccine stock, that date must be entered on this form. Completed borrowing forms must be kept as part of the VFC program records and made available to VFC staff during the VFC site visit. Please ensure this form is submitted to Immpact Support

Borrowing Form



Maine Department of Health and Human Service
 Maine Center for Disease Control and Prevention- Preserve~Promote~Protect
 Division of Disease Surveillance
 Maine Immunization Program (MIP) - Vaccine for Children (VFC)

286 Water Street 9th Floor
 Augusta Maine 04333-0011
 P: 207-287-3746
 F: 207-287-8127



Vaccine Borrowing Form

Provider/Clinic Name:	VFC Pin:
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Vaccines For Children (VFC) enrolled providers are expected to maintain an adequate inventory of vaccine for VFC and non-VFC eligible patients (if applicable). VFC funded vaccine cannot be used as a replacement system for a provider's privately purchased vaccine inventory. The provider must assure that borrowing VFC funded vaccines will not prevent a VFC eligible child from receiving a needed vaccination because VFC funded vaccine was administered to a non-VFC eligible individual. Borrowing should only occur when there is a lack of appropriate stock of vaccine due to unexpected circumstances such as a delayed vaccine shipment, vaccine spoiled in-transit to provider, or staff calculated ordering time incorrectly.

Directions

When a provider has borrowed a vaccine from one stock to administer to a child who is only eligible to receive vaccine from the other stock, this form must be filled out completely for each borrowing occurrence. **Each vaccine a child receives must be listed on a separate row.** As soon as the borrowed doses of vaccine are replaced to the appropriate vaccine stock, that date must be entered on this form. Completed borrowing forms must be kept as part of the VFC program records and made available to VFC staff during the VFC site visit. Please ensure this form is submitted to Impact Support.

Vaccine Borrowed (Brand Name)	Lot #	Stock Used (VFC or Private)	Patient Name or Impact ID	DOB (xx/xx/xxxx)	Date Borrowed (xx/xx/xxxx)	Reason Code	Date Vaccine Returned (xx/xx/xxxx)	Returned Vaccine Lot #

Code	Reason for borrowing VFC dose	Code	Reason for borrowing Private Dose
1	Private vaccine shipment delay (vaccine order placed on time/delay in shipping)	8	VFC vaccine shipment delay (order placed on time/delaying in shipping)
2	Private vaccine not usable on arrival (vials broken, temperature monitor out of range)	9	VFC vaccine not usable on arrival (vial broken, temperature monitor out of range)
3	Ran out of private vaccine between orders (not due to shipping delay)	10	Ran out of VFC vaccine between orders (not due to shipping delays)
4	Short-dated private dose was exchanged with VFC dose	11	Short-dated VFC dose was exchanged with private dose
5	Accidental use of VFC dose for a private patient	12	Accidental use of private dose for a VFC eligible patient
6	Replacement of private dose with VFC when insurance plan did not cover vaccine	13	OTHER- describe:
7	OTHER- describe:		

"I hereby certify, subject to penalty under the False Claims Act (31 U.S.C. §3730) and other applicable Federal and state law, that VFC vaccine dose borrowing, and replacement reported on this form has been accurately reported and conducted in conformance with VFC provisions for such borrowing and further certify that all VFC doses borrowed during the noted time period have been fully reported on this form."

Form Completed By:	Date:
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6/2023

Resources

- [Ask the Experts - immunize.org](https://immunize.org)
- [MIP Website - Immunization | Maine CDC | DHHS](#)
- [MIP Policy and Procedure Manual](#)
- [Vaccines Storage and Handling Toolkit | CDC](#)
- [Vaccine Storage and Handling Resources | CDC](#)

Questions?

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