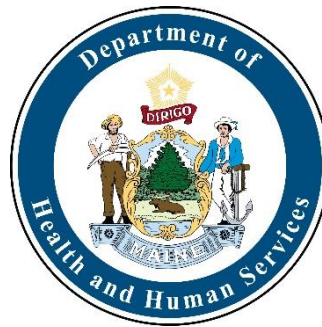


Vaccine Replacement Procedure Discussion

Maine Immunization Program

6/15/2023



Why is Vaccine Replacement Needed?

- Accountability to funding sources (federal CDC), taxpayers, and citizens of Maine
- Cost Savings
- Better management and documentation equals better health care with better health outcomes
- National initiative; not just the State of Maine



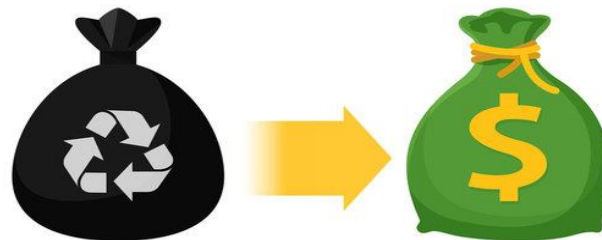
Wastage by Calendar Year

2019 3.35% = just under \$600,000

2020 4.22% = over \$800,000

2021 6.89% = over \$900,000

2022 8.47% = over \$1.1Million



Vaccine Replacement Procedure

- Goes into effect as of July 1, 2023
- Only preventable types of wastage
- Each site will have a 3% and 5% threshold
- Threshold reports will go out in July



Wastage Allowance

5% is based on the previous 2 fiscal (July 1st to June 30th) years of distribution

$$\{[(\text{fiscal year 1) distribution}] + [(\text{fiscal year 2) distribution}]]/2\} \times .05 =$$

5% wastage allowance

Vaccine Distribution in Fiscal Year of 2022 = 317 vaccines

Vaccine Distribution in Fiscal Year of 2023 = 298 vaccines

$$(317 + 298) / 2 \times .05 = 5\% \text{ wastage allowance}$$

$$317 + 298 = 615$$

$$615/2 = 307.5$$

$$307.5 \times .05 = 15 \text{ doses}$$



Required Vaccine Replacement Examples

Expired	<ul style="list-style-type: none"> • Failure to rotate stock. • Failure to transfer expiring vaccines and work with MIP within a reasonable time frame. • Over ordering vaccines.
Spoiled	<ul style="list-style-type: none"> • Failure to immediately open vaccine shipments. • Pre-drawn vaccine that is not used. Please note the MIP strongly discourages the practice of pre-drawing vaccine. • Vaccine that is left out of the refrigerator or freezer and becomes non-viable. • Vaccine stored in dorm style refrigerators. • Freezing vaccine that is supposed to be refrigerated. • Refrigerating vaccine that is supposed to be frozen. • Refrigerator/freezer left unplugged. • Refrigerator/freezer door left open or ajar. • Refrigerator/freezer equipment problems where proof of repair or equipment replacement is not provided to the MIP within 30 days from the date you became aware of the situation. • Power outages in which the provider fails to follow the facility's vaccine storage and emergency response plan. • Vaccine that is considered spoiled due to the provider not checking, reviewing and recording refrigerator and freezer temperatures or failing to use currently certified calibrated thermometers to check temperatures twice daily. • Vaccine that is considered spoiled because a provider did not take immediate or appropriate action on out-of-range temperatures. • Revaccination due to negligence to keep vaccine viable or improper administration. • Transporting vaccines inappropriately (e.g. not on ice packs or not using a thermometer during transportation) between practices. • Failure to notify the MIP when a provider's office hours change or the practice moves, resulting in vaccines being undeliverable and consequently spoiled. • Discarding vaccine before the manufacturer's expiration date (includes multi-dose vials discarded after 30 days).
Unaccounted For	<ul style="list-style-type: none"> • Failure to document doses administered. • Failure to document patient eligibility. • Failure to report inventory. • Inaccurate reporting of inventory or doses administered. • Failure to report expired/wasted vaccine.

Examples Seen as Preventable

- Full boxes of vaccine expiring (10 dose or 5 dose boxes)
- Lost and unaccounted for
- Spoiled Other
- Failure to store appropriately upon receipt
- Stopped DDL's/No Temperature Logs/Unknown Storage Unit Temperatures

*There could be situations the MIP deems that the wastage was preventable and needs to be replaced.



Prevention Tips

- Keep on top of documentation (administered/wasted/cold chain)
- Reconcile often (weekly or more?)
- If your DDL has a memory, make sure device is downloaded often
- Work with other MIP provider practices (sister sites or private practices)



Over 5% Preventable Wastage

- MIP will send you documentation by certified mail such as:
 - Statement of Replacement
 - Corrective Action Plan
 - Replacement Plan (unless replaced immediately)
- Dose for dose replacement
- Need to submit proof of purchase of the replacement vaccine
- MIP will work with you as much as we can



Vaccine Replacement Procedure Toolkit

The Maine Immunization Program's webpage

<https://www.maine.gov/dhhs/mecdc/infectious-disease/immunization/index.shtml>

On MIP's webpage you will find the toolkit here:



[For Providers](#)



Compliance Resources

Maine Immunization Program Providers can find helpful information and resour

Vaccine Replacement

- [Vaccine Replacement Procedure Toolkit \(PDF\)](#)

<https://www.maine.gov/dhhs/mecdc/infectious-disease/immunization/providers/documents/Toolkit%20Update%20April%202023.pdf>

Questions?

Valerie MacKenzie
Health Educator

valerie.mackenzie@maine.gov

Sebastian Atkins-Taylor
Provider Relation Specialist

Sebastian.atkins-taylor@maine.gov

Main Line 287-3746

