

2024-25 Influenza Season



Vaccines for Children Program

July 16, 2024

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Immunization Branch

Housekeeping

- Please ensure you are muted throughout the presentation unless you are speaking.
- **Reminder for QA Team:**
 - Please monitor the chat for questions you may be able to answer.
- **Reminder to Attendees:**
 - Today's session is being recorded. Slides and webinar recordings will be uploaded to:
<https://health.hawaii.gov/docd/for-healthcare-providers/vaccination-resources/vaccines-for-children-program-vfc/>
- To be added to the Hawaii VFC Program email list, please email your request to HawaiiVFC@doh.hawaii.gov. In the subject line of the email, please write **EMAIL LIST**.

Questions?



- During today's webinar, please use the chat to ask your questions so the Hawaii VFC Program subject matter experts can respond directly.
- We will be answering your questions at the end of the presentation.

Objectives

By the end of the presentation, providers are able to:

Identify where to access
Hawaii specific influenza
trends

Learn about the 2024-25
Trivalent Influenza Vaccine

Understand VFC Influenza
vaccine prebooking,
ordering and borrowing
guidance

Burden of Flu



2023-2024 U.S. Flu Season: Preliminary In-Season Burden Estimates

CDC estimates* that, from **October 1, 2023** through **June 15, 2024**, there have been:

35 – 65 million
flu **illnesses**



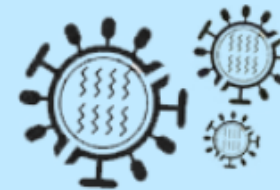
16 – 30 million
flu **medical visits**



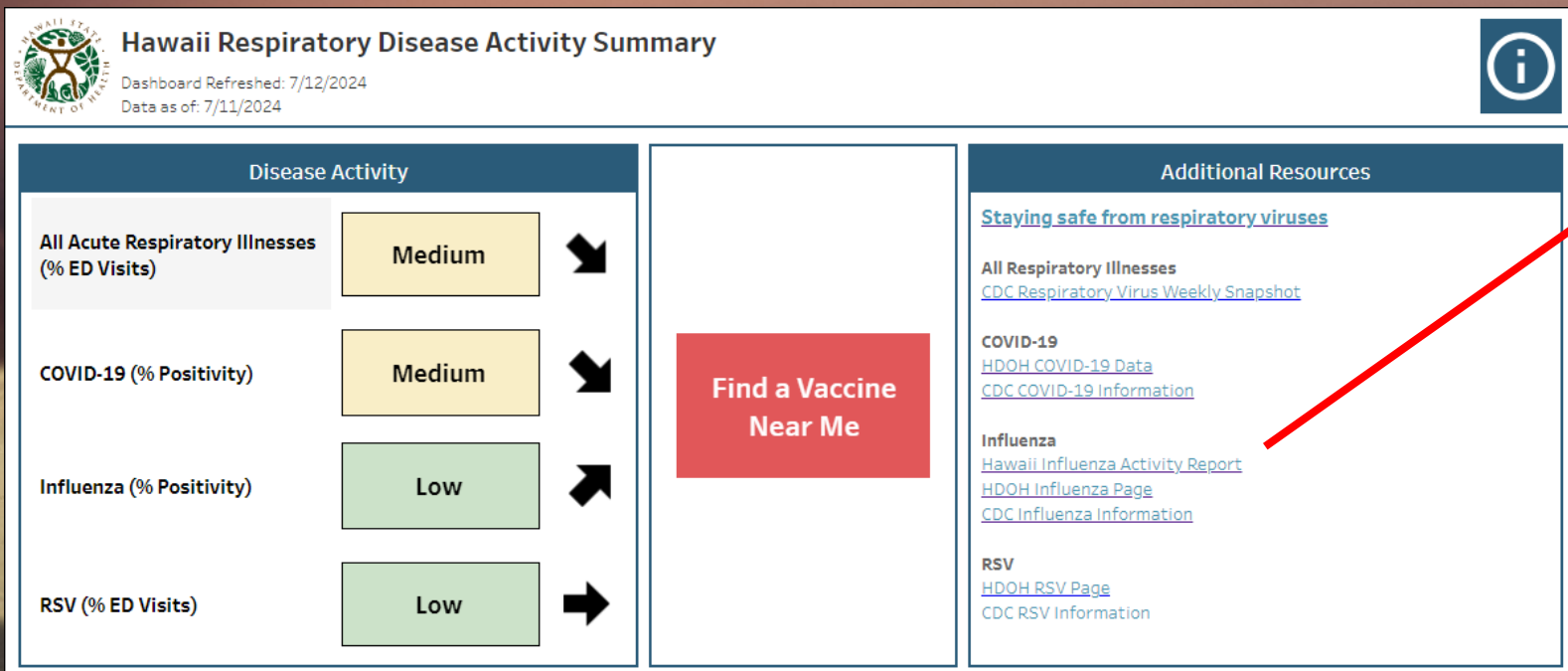
390,000 – 830,000
flu **hospitalizations**



25,000 – 72,000
flu **deaths**



Hawaii DOH Respiratory Disease Dashboard



Influenza

[Hawaii Influenza Activity Report](#)

[HDOH Influenza Page](#)

[CDC Influenza Information](#)

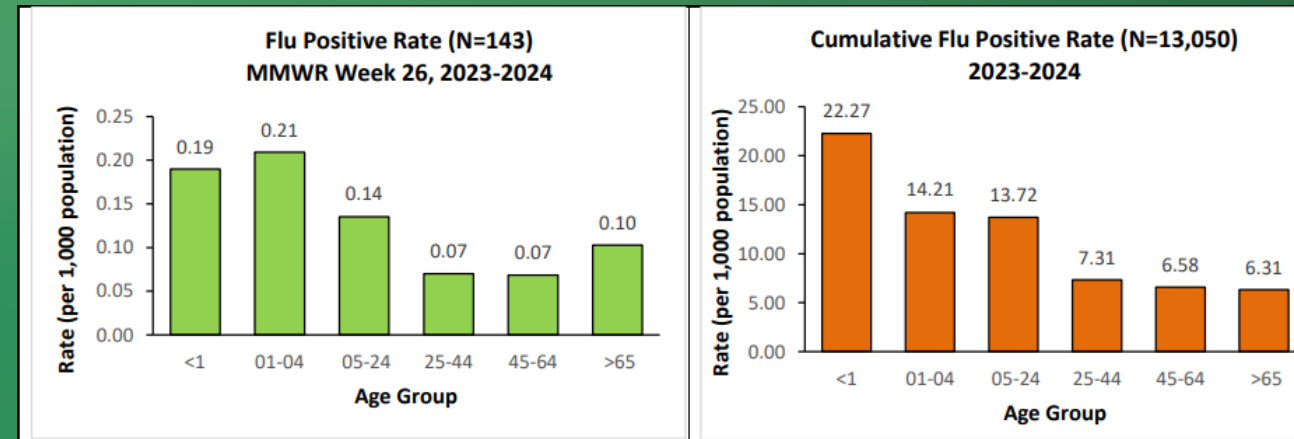
Click on the [Hawaii Influenza Activity Report](#) link to access the current and combined weekly influenza and respiratory surveillance reports.

Hawaii Respiratory Disease Activity Summary Dashboard: <https://health.hawaii.gov/docd/disease-types/respiratory-viruses/>

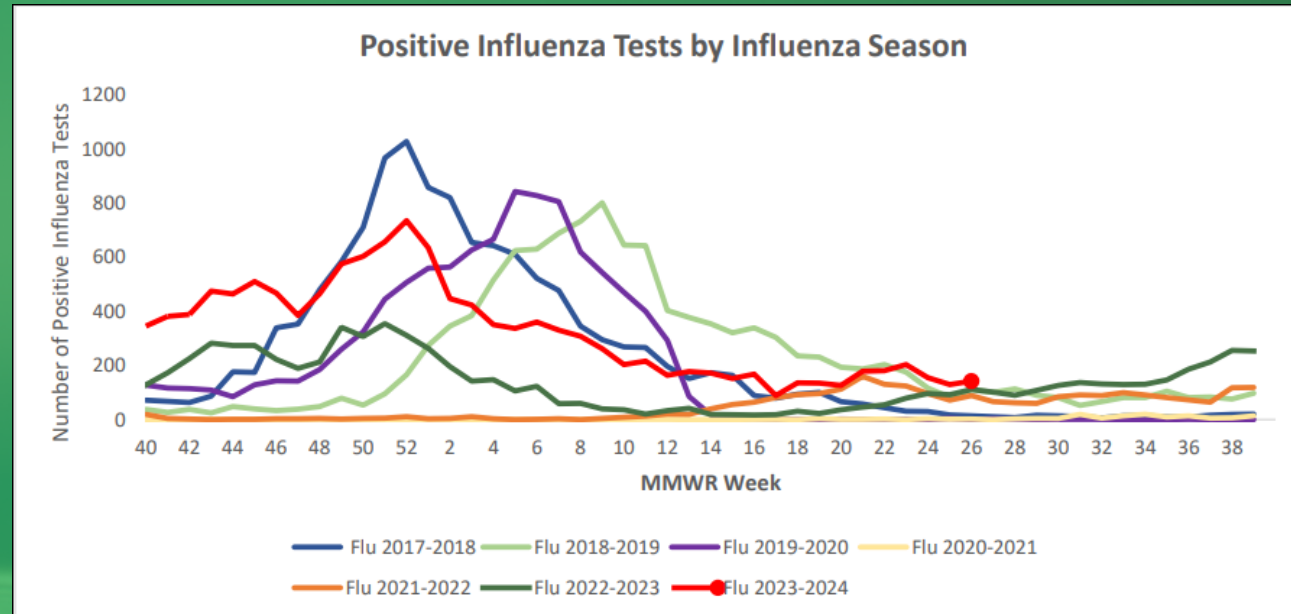
Hawaii Influenza Activity Report: <https://health.hawaii.gov/docd/resources/reports/influenza-reports/>

Positive Influenza cases in Hawaii by age group during the 2023-2024 Influenza season

June 23, 2024 – June 29, 2024



Although all children younger than 5 years old are considered at higher risk of serious flu complications, the highest risk is for those younger than 2 years old.



- HDOH/DOCD Influenza Surveillance Report Week 26 (June 23-29, 2024): Influenza cases appears to be on a steady decline and may have already reached a peak for the 2023-2024 season.
- Seasonal influenza viruses circulate in Hawaii year-round, but most common during the fall and winter months. The exact timing and duration of each flu season varies from year to year, but influenza activity usually begins to increase during October.

Avian Flu (H5N1)



[News-Release-State-and-Federal-Agencies-Work-to-Keep-Avian-Flu-Out-of-Hawaiian-Islands.pdf](#)

Avian Flu (H5N1)

[Avian Influenza | Disease Outbreak Control Division \(hawaii.gov\)](#)

What to know:

- H5N1 bird flu virus has been circulating worldwide and has been causing outbreaks in poultry and dairy cows in the U.S. A few human cases have occurred in 2024 following exposure to infected animals.
- The current risk to the general public in Hawaii is **low**.
- At present, Hawaii is the **only** U.S. state without H5N1 detected among wild birds or poultry.
- Residents are encouraged to report sick or dead birds, especially when multiple birds are affected to Hawaii Department of Agriculture (808-483-7106 during Monday to Friday from 7:45AM to 4:30PM, or 808-837-8092 during non-business hours and holidays).
- Hawaii residents who recently visited or worked on a farm in another state with known or suspected H5N1 animal infections should contact the Hawaii Department of Health's Disease Reporting Line (808-586-4586) for a telephone risk assessment.

Prevention:

- **Do not touch sick or dead birds.**
- **Do not drink raw milk.** Pasteurization kills H5N1 virus, and pasteurized milk is safe to drink.
- **When in direct or close contact** (within six feet) of sick or dead animals with suspected or confirmed avian influenza, or the feces, litter, raw milk, or contaminated materials, wear appropriate CDC-recommended personal protective equipment (PPE). Further detail is available here: <https://www.cdc.gov/bird-flu/prevention/worker-protection-ppe.html>
- **If you become sick due to direct contact** with sick or dead animals with suspected or confirmed avian influenza, isolate from family and stay home until you are proven to not have bird flu virus infection.
- Influenza antiviral chemoprophylaxis can be prescribed by health care providers to persons exposed to avian influenza. Further information can be found here: <https://www.cdc.gov/bird-flu/hcp/guidance-exposed-persons/index.html>

Influenza A and B

are the main influenza types that
cause seasonal outbreaks in
humans

Influenza A viral strains are classified into subtypes based on 2 surface proteins:

- hemagglutinin (HA)
- neuraminidase (NA)

Influenza A viruses that have caused widespread human disease over the decades are:

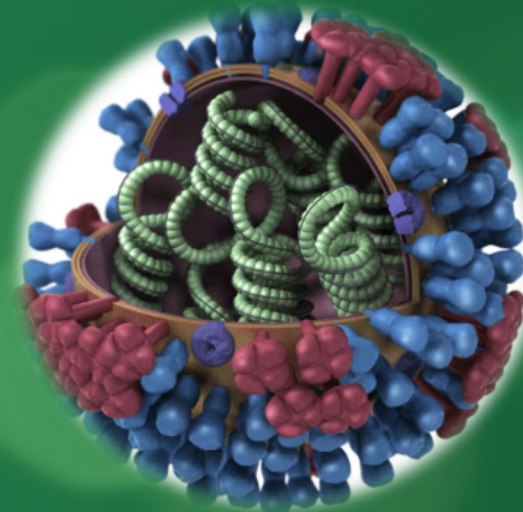
- 3 subtypes of HA (H1, H2 and H3)
- 2 subtypes of NA (N1 and N2)

Influenza B viral strains have evolved into 2 lineages:

- B/Yamagata
- B/Victoria

Over time, antigenic variation (antigenic drift) of strains occurs within an influenza A subtype or B lineage.

“Antigenic shift” due to a reassortment of genes can also occur. This can cause an abrupt, major change in an influenza A virus.



Every year, seasonal influenza vaccines are developed in response to year to year changes of the influenza virus

- The possibility of antigenic drift requires seasonal influenza vaccines to be reformulated annually.
- Based on global surveillance observations, the World Health Organization establishes which virus components to include in the vaccine.
- Influenza vaccines are therefore based on best predictions for the upcoming influenza season and efficacy can vary year to year.
- Several influenza strains can be included in a vaccine.
 - Trivalent vaccine = includes 3 strains
 - Quadrivalent vaccine = includes 4 strains

2024-25 Trivalent Influenza Vaccine

- On March 5, 2024, the FDA's Vaccine and Related Biological Products Advisory Committee (VRBPAC) recommended that all U.S influenza vaccines will be trivalent (three component) for the 2024-25 season.
- Trivalent flu vaccines protect against three different influenza viruses and will include vaccine viruses or viral proteins from:
 - one influenza A(H1N1) virus,
 - one influenza A(H3N2) virus,
 - one influenza B/Victoria lineage virus.
- Why are we transitioning from quadrivalent to trivalent flu vaccines?
 - The influenza B/Yamagata vaccine component in flu vaccines is being removed because influenza B/Yamagata viruses have **not** been detected after March 2020, using global surveillance for actively circulating influenza viruses.
- For Frequently Asked Questions regarding the U.S. transition to trivalent influenza vaccines, please see: [Trivalent Influenza Vaccines | CDC](#).

Updated 2024-2025 Flu Vaccine Recommendation

- CDC recommends everyone 6 months of age and older, with rare exceptions, receive an updated 2024-2025 flu vaccine to reduce the risk of influenza and its potentially serious complications this fall and winter.
- CDC encourages providers to begin their influenza vaccination planning efforts now and to vaccinate patients as indicated once 2024-2025 influenza vaccines become available.

2024-25 Influenza Vaccines Available Through the Hawaii VFC Program

2024-25 Inactivated Influenza Vaccine (IIV3)			
NDC	Trade Name	Presentation	Age Indication
19515-0810-52	FluLaval Trivalent, Preservative Free	0.5 mL PRE-FILLED SYRINGES	6 months through 18 years
49281-0424-50	Fluzone Trivalent, Preservative Free	0.5 mL PRE-FILLED SYRINGES	6 months through 18 years
70461-0654-03	Flucelvax Trivalent, Preservative Free	0.5 mL PRE-FILLED SYRINGES	6 months through 18 years
2024-25 Live Attenuated Influenza Vaccine (LAIV)			
NDC	Trade Name	Presentation	Age Indication
66019-0311-10	FluMist Trivalent, Preservative Free	0.2 mL PRE-FILLED SPRAYERS	2 years through 18 years

Influenza Vaccine Ordering

- Must be ordered using Seasonal Influenza vaccine order form 2024-2025 and submitted to HawaiiVFC@doh.hawaii.gov
- Online ordering through HIR is unavailable due to monitoring of allocation.



State of Hawaii Department of Health

Vaccines for Children (VFC) Program

PROVIDER PIN

Seasonal Influenza Vaccine Order Form 2024-2025

VACCINE AVAILABLE FOR ORDER THROUGHOUT FLU SEASON AS SUPPLY PERMITS. Please submit orders to HAWAIIVFC@DOH.HAWAII.GOV.

NAME OF PHYSICIAN'S OFFICE, PRACTICE, CLINIC, ETC.				DATE	<input type="checkbox"/> CHECK HERE IF THIS IS A NEW ADDRESS
DELIVERY ADDRESS (Number and Street -- No P.O. Boxes)				CITY	ZIP CODE
DELIVERY DAYS & TIMES	MON	TUES	WED	THURS	FRI
CONTACT PERSON			EMAIL ADDRESS	TELEPHONE	

ALL SECTIONS MUST BE COMPLETED FOR YOUR ORDER TO BE PROCESSED. ORDERS SUBMITTED WITHOUT COMPLETE INVENTORIES WILL NOT BE ACCEPTED.

NDC	SEASONAL INFLUENZA VACCINE (Tradename & Age Indication)	Manufacturer & Presentation	# of doses used since last order	# of doses on-hand	Vaccine LOT Number	Vaccine Expiration Date	New Vaccine Order (# of Doses)
IIV3							
19515-0810-52	FluLaval Trivalent, Preservative Free *VFC-eligible: 6m-18y	GSK 0.5 mL pre-filled syringes					increments of 10
49281-0424-50	Fluzone Trivalent, Preservative Free *VFC-eligible: 6m-18y	Sanofi 0.5 mL pre-filled syringes					increments of 10
70461-0654-03	Fluceivax Trivalent, Preservative Free *VFC-eligible: 6m-18y	Seqirus 0.5 mL pre-filled syringes					increments of 10
LAIV							
66019-0311-10	FluMist Trivalent, Preservative Free *VFC-eligible: 2y-18y	AstraZeneca 0.2 mL pre-filled sprayer (intranasal)					increments of 10

Vaccine Storage and Handling

ALL VACCINES MUST BE STORED AT MANUFACTURER INDICATED TEMPERATURES BETWEEN 2-8 °C (36-46 °F) UPON RECEIPT AND MUST REMAIN WITHIN TEMPERATURE RANGE UNTIL EXPIRATION IS REACHED.

[Reference Guide for CDC Vaccine Storage and Handling](#)

Vaccine Ordering Instructions

- To avoid delivery errors and vaccine wastage, please be sure to enter the current address, telephone number, contact person, office hours, and any holidays/half days/lunch periods that may occur during the time of expected delivery.
- For *initial* influenza orders during the 2024-2025 flu season, enter "0" under the Vaccine Inventory section.
- For *additional* influenza orders, record usage of all VFC influenza vaccines administered since your previous or initial order AND list current influenza vaccine inventory of state-supplied flu vaccines (including lot numbers and expiration dates).
- Please DO NOT record inventory and usage of any vaccines administered during the previous flu season 2023-2024.

SUBMIT ORDER FORM BY EMAIL TO HAWAIIVFC@DOH.HAWAII.GOV

Questions? Please contact the Hawaii Vaccines for Children Program at (808) 586-8300 or 1-800-933-4832 (Neighbor Islands)

Hawaii VFC Prebooking for the 2024-25 Influenza Season began on July 1, 2024.

Please consider the following information when determining your Flu prebook order amounts:

- Providers are encouraged to place orders for the FULL amount of VFC inactivated influenza vaccine (IIV3) and Live Attenuated Influenza Vaccine (LAIV) required by your practice for the 2024-25 flu season.
- VFC IIV3 may only be administered to VFC-eligible patients, aged 6 months – 18 years. VFC LAIV may only be administered to VFC-eligible patients, aged 2 years – 18 years.
- Priority will be given to providers that place their VFC influenza orders by July 31, 2024.

Prebook information has been distributed to VFC providers. Please refer to the email titled “2024-25 VFC Influenza Prebook” for the VFC prebook form and instructions.

Expired Influenza Vaccine at the end of the season

- Expired VFC influenza vaccine should be returned in the same manner as all other VFC vaccines.
- Please complete the [Vaccine Loss Reporting Form](#) to initiate the return of *excess expired 2023-24* influenza vaccine to the VFC vaccine distributor and submit it to HawaiiVFC@doh.Hawaii.gov
- Completed forms must be submitted to the Hawaii VFC Program no later than December 1, 2024.
- Please refer to this link for VFC Vaccine Return Instructions: <https://health.hawaii.gov/docd/files/2024/01/VFC-Vaccine-Return-Instructions.pdf>

Reset Form

HAWAII DEPARTMENT OF HEALTH
IMMUNIZATION BRANCH
VACCINE LOSS REPORTING FORM

INSTRUCTIONS: Report VFC VACCINES that have expired, spoiled, or were wasted **WITHIN 6 MONTHS** after loss. Fax Reporting Form to: (808) 586-8302 or E-mail Reporting Form to: doh.hawaii.vfc@doh.hawaii.gov
Do NOT return expired and spoiled vaccines to the Hawaii Immunization Branch. A return label will be sent via email from United Parcel Service (UPS). Enclose a copy of this form with the return shipment. Keep a copy for your records.

EXPIRED VACCINES

VACCINE TYPE	MANUFACTURER	NDC NUMBER	LOT NUMBER	EXPIRATION DATE	NUMBER OF DOSES

SPOILED VACCINES

VACCINE TYPE	MANUFACTURER	NDC NUMBER	LOT NUMBER	EXPIRATION DATE	NUMBER OF DOSES	REASON (SELECT CODE)
						1-Failure to store properly upon receipt 2-Refrigerator/Freezer too cold 3-Refrigerator/Freezer too warm 4-Natural Disaster: Power outage, Hurricane, etc. 5-Spoiled in transit (Cold/Frozen, Warm/Defrosted) 6-Spoiled: (other reason) 7-Mechanical failure/Technical issue 8-Recall: (reason) 9-Other: (state reason with detailed information)

WASTED VACCINES (DISPOSE OF WASTED VACCINES AFTER REPORTING. DO NOT SHIP TO CDC'S VACCINE DISTRIBUTOR/MCKESSON) Reason:

VACCINE TYPE	MANUFACTURER	NDC NUMBER	LOT NUMBER	EXPIRATION DATE	NUMBER OF DOSES	REASON (SELECT CODE)
						1-Broken vial/syringe 2-Drawn up, but not administered 3-Lost or unaccounted for 4-Open vial, but all doses not administered 5-Non-vaccine product (e.g., HBlg, Ig, Diluent, etc.) 6-Other: (state reason with detailed information)

Reason:

NAME OF PHYSICIAN'S OFFICE, PRACTICE, CLINIC	VFC PIN NO.	DATE
ADDRESS	CITY	ZIP
CONTACT PERSON	PRIMARY VACCINE COORDINATOR E-MAIL ADDRESS ONLY (WHERE RETURN LABEL WILL BE SENT)	PHONE NO.

Entered in
 HIA VTrack
(Select One)
 Date:
 Revised 10/2023

GRANTEE CODE: HIA

Influenza Vaccine Borrowing

- Borrowing should only be one-directional for seasonal flu vaccine.
- Providers may use private stock for VFC-eligible children and replace it when VFC vaccine becomes available. Please submit the completed Vaccine Borrowing Report Form to HawaiiVFC@doh.hawaii.gov
- Providers should not use VFC flu vaccine for private stock due to limited allocation.

Facility Name: _____
 Pin #: _____

Date Range of Vaccine Reporting (date of first dose borrowed to date of last dose borrowed): ____/____/____ to ____/____/____

VACCINE BORROWING REPORT TABLE						
A Vaccine Type Borrowed	B Stock Used (VFC or Private)	C Patient Name	D Patient DOB	E Date Dose Administered	F Reason Appropriate Vaccine Stock was not Used <small>(Use legend code on page 1 to mark one reason for each dose borrowed)</small>	G Date Dose Returned to Appropriate Stock
Name: _____ Lot No: _____ Manufacturer: _____						Date: _____ Lot No: _____ Manufacturer: _____
Name: _____ Lot No: _____ Manufacturer: _____						Date: _____ Lot No: _____ Manufacturer: _____
Name: _____ Lot No: _____ Manufacturer: _____						Date: _____ Lot No: _____ Manufacturer: _____
Name: _____ Lot No: _____ Manufacturer: _____						Date: _____ Lot No: _____ Manufacturer: _____
Name: _____ Lot No: _____ Manufacturer: _____						Date: _____ Lot No: _____ Manufacturer: _____
Name: _____ Lot No: _____ Manufacturer: _____						Date: _____ Lot No: _____ Manufacturer: _____

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.

Provider Name: _____ Provider Signature: _____ Date: _____

Contact Information

VFC Vaccine Orders		
Melvin Reyes	melvin.reyes@doh.hawaii.gov	808-586-8316
Elizabeth Ricon	elizabeth.ricon@doh.hawaii.gov	808-586-8301
Heather Winfield-Smith	h.winfield-smith@doh.hawaii.gov	808-586-8348
Ji Hyun Choi	jihyun.choi@doh.hawaii.gov	808-586-4585
VFC Program & VFC Site Visits		
Josephine Araki, RN	josephine.araki@doh.hawaii.gov	808-723-1601
Loraine Lim, RN	loraine.lim@doh.hawaii.gov	808-723-0018
Kealohi Corpos	kealohi.corpos.nsw@doh.hawaii.gov	808-723-0091
Jazz Burns	jazz.burns.nsw@doh.hawaii.gov	808-723-0366
Sisilia Meli	sisilia.meli.nsw@doh.hawaii.gov	808-587-6588
Heather Winfield-Smith	h.winfield-smith@doh.hawaii.gov	808-586-8348

For HIR technical/login issues, please contact Registry Help Desk at (808) 586-4665, 1-888-447-1023 (toll-free), or registryhelp@doh.hawaii.gov.

POST WEBINAR
SATISFACTION SURVEY

Thank you for joining us today!

Please use the following link to complete the satisfaction survey:

<https://forms.office.com/g/XStX9ewn6e>