

Vaccine Accountability & IRIS Inventory Not Deducted Module

Providers enrolled with the Idaho Immunization Program (IIP) are required to account for all doses of IIP-supplied vaccine, in Idaho's Immunization Reminder Information System (IRIS), which includes doses:

- Received,
- Administered,
 - Anonymous doses
 - Eligible patients
 - Non-eligible patients¹
- Wasted (non-returnable),
- Returned to McKesson, and
- Required for replacement¹.

¹See [Vaccine Replacement Guidelines](#) for details about how to report and replace IIP-supplied vaccine inadvertently administered to ineligible patients or private vaccine administered to patients eligible to receive IIP-supplied vaccine.

Sometimes doses administered, sent to IRIS from an organization's electronic health record (EHR) through electronic data exchange, do not deduct from IRIS public inventory causing inventory counts to become off. The Inventory Not Deducted (IND) module helps providers identify and correct non-deduct doses in real-time. The IND module replaced non-deduct Ad Hoc reports.

This resource describes what the IND module and IND report are, how to run the IND report, general research tips to determine why doses do not deduct from IRIS public inventory, and the most common reasons doses may be present in the IND module. Additionally, it provides guidance for viewing and correcting doses directly in the IND module to deduct from IRIS public inventory.

Inventory Not Deducted Module: What is it?

The IND module displays doses administered, to pediatric patients ages 0 through 18 years of age, sent to IRIS from an organization's EHR through electronic data exchange but did not deduct from IRIS public inventory.

Data displayed in the IND module is like information on the non-deduct Ad Hoc report. However, doses in the IND module are displayed immediately after doses administered are sent to IRIS through electronic data exchange, which eliminates the use of non-deduct Ad Hoc reports. Moreover, non-deduct doses can be corrected directly in the IND module.

Below is an example of what data looks like in the IND module and what each field indicates. How to correct doses is addressed in the **Correcting Doses in the IND Module** section below.

Vaccine Accountability & IRIS Inventory Not Deducted Module

Inventory Not Deducted

Select Transaction Date Range

1A Past 90 Days
1B Custom
Date Range:

From MM/DD/YYYY To MM/DD/YYYY Refresh List

This list includes new doses administered, sent through electronic data exchange that did not deduct from inventory. If the Inventory Lot column displays Insufficient/No Inventory, then the current quantity on hand will need to be reviewed and updated before the lot number can be deducted. Please see the Inventory Non-Deduct Guidelines for more information or contact vaccine management at (208) 334-6548.

Save
Report
Cancel

Vaccine Group

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB	Trade Name	Inventory Lot		
07/01/2020	06/15/2020	498861	C2732/HepA-Ped 2 Dose	Uninsured	BONNER, SEVEN	02/01/2006				
07/01/2020	06/15/2020	498860	C2732/HepA-Ped 2 Dose	Uninsured	ADA, ONE	01/01/2019				
07/01/2020	06/15/2020	498860	C2732/HepA-Ped 2 Dose	Uninsured	CANYON, TWO	02/01/2018				
07/01/2020	06/15/2020	498860	C2732/HepA-Ped 2 Dose	Uninsured	CLEARWATER, THREE	03/01/2017				
07/01/2020	06/15/2020	498860	C2732/HepA-Ped 2 Dose	Uninsured	JEROME, FIVE	05/01/2013				
07/01/2020	06/15/2020	498860	C2732/HepA-Ped 2 Dose	Uninsured	TETON, FOUR	04/01/2018				

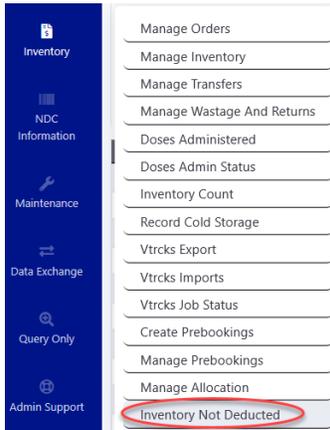
The bidirectional arrows at the top of each column allow users to sort a column in either ascending or descending order.

1A	Transaction Date Range	Predetermined transaction date range, including: Today or Past 7, 15, 30 or 90 days.
1B	Transaction Date Range	Customized date range; may not exceed 90 consecutive days.
2	Transaction Date	Date dose administered was sent to IRIS through electronic data exchange.
3	Vaccination Date	Date dose was administered to patient.
4	Job ID	Electronic data exchange job identification number.
5	Lot/Vaccine Name	Lot number and vaccine name sent to IRIS through electronic data exchange.
6	Eligibility	Patient's eligibility status, as sent to IRIS through electronic data exchange.
7	Patient Name	Patient's last and first name, as sent to IRIS through electronic data exchange.
8	DOB	Patient's date of birth, as sent to IRIS through electronic data exchange.
9	Trade Name	Trade name of vaccine that patient received and should deduct from IRIS public inventory.
10	Inventory Lot	Lot number of vaccine that patient received and should deduct from IRIS public inventory.
11		Update entry to deduct trade name and inventory lot selected in fields to deduct from IRIS public inventory.
12		Remove the entry from the IND module, not currently functional for providers. See details in the Correcting Doses in the IND Module section below.
13	Vaccine Group	Filter that can be used to view IND data by vaccine group within the data range selected.

To view non-deduct doses in the IND module:

1. Click *Inventory Not Deducted* in the **Inventory** section of the left-side menu

Vaccine Accountability & IRIS Inventory Not Deducted Module



2. Select the radio button for the transaction date range you would like to view, from either
 - The drop-down menu of predetermined days (Today or Past 7, 15, 30, or 90 Days)
 - The customized date range From and To fields
 - Manually type in the date in MM/DD/YYYY format or
 - Use the calendar tool to select the dates
3. Click the *Refresh List* button
 - After the list displays, it may be filtered to view one vaccine group at a time by selecting a vaccine type from the Vaccine Group drop-down menu

Inventory Not Deducted

Select Transaction Date Range

Past 90 Days This list includes new doses administered, sent through electronic data exchange that did not deduct from inventory. If the Inventory Lot column displays Insufficient/No Inventory, then the current quantity on hand will need to be reviewed and updated before the lot number can be deducted. Please see the Inventory Non-Deduct Guidelines for more information or contact vaccine management at (208) 334-6548.

Date Range:

From MM/DD/YYYY To MM/DD/YYYY

[Refresh List](#)

[Save](#)
[Report](#)
[Cancel](#)

Vaccine Group

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB	Trade Name	Inventory Lot				
07/16/2020	06/15/2020	499762	82732/HepA-Ped 2 Dose	Uninsured	BONNER, SEVEN	02/01/2006						
07/16/2020	06/15/2020	499761	82732/HepA-Ped 2 Dose	Uninsured	ADA, ONE	01/01/2019						
07/16/2020	06/15/2020	499761	82732/HepA-Ped 2 Dose	Uninsured	CANYON, TWO	02/01/2018						
07/16/2020	06/15/2020	499761	82732 /HepA-Ped 2 Dose	Uninsured	CLEARWATER, THREE	03/01/2017						
07/16/2020	06/15/2020	499761	82732/HepA-Ped 2 Dose	Uninsured	JEROME, FIVE	05/01/2013						
07/01/2020	06/15/2020	498854	U41038/Tdap	Uninsured	PAYETTE, EIGHT	05/01/2008						
07/01/2020	05/15/2020	498854	L12514/HuMist	Uninsured	PAYETTE, EIGHT	05/01/2008						
07/01/2020	06/15/2020	498853	Y11231-PP/IPOL	Uninsured	BONNER, SEVEN	02/01/2006						
07/01/2020	06/15/2020	498853	U4043AD/Trumenba	Uninsured	BONNER, SEVEN	02/01/2006						
07/01/2020	06/15/2020	498853	U41038A/Tdap	Uninsured	BONNER, SEVEN	02/01/2006						

Note: The IND module has full functionality when IRIS is accessed through Microsoft Edge. For example, when the Refresh List button is clicked, Edge will display an animated processing icon along with a Processing message, as shown by the green arrows in the screen shot below. Currently, when accessed through other browsers, such as Internet Explorer, there is no indication that the list is processing.

Vaccine Accountability & IRIS Inventory Not Deducted Module

Inventory Not Deducted

Select Transaction Date Range

Past 90 Days

Date Range:

From 08/01/2018 To 10/30/2018

Refresh List

Save
Report
Cancel

Vaccine Group

This list includes new doses administered, sent through electronic data exchange that did not deduct from inventory. If the Inventory Lot column displays Insufficient/No Inventory, then the current quantity on hand will need to be reviewed and updated before the lot number can be deducted. Please see the Inventory Non-Deduct Guidelines for more information or contact vaccine management at (208) 334-6548.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB	Trade Name	Inventory Lot
Processing...								

Additionally, if non-deduct errors are not present, then users will receive a No Unresolved Transactions message for the selected date range, as shown highlighted below.

Select Transaction Date Range

Past 90 Days

Date Range:

From 08/01/2018 To 10/30/2018

Refresh List

Save
Report
Cancel

Vaccine Group

This list includes new doses administered, sent through electronic data exchange that did not deduct from inventory. If the Inventory Lot column displays Insufficient/No Inventory, then the current quantity on hand will need to be reviewed and updated before the lot number can be deducted. Please see the Inventory Non-Deduct Guidelines for more information or contact vaccine management at (208) 334-6548.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB	Trade Name	Inventory Lot
No Unresolved Transactions								

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IND Report

The IND Report enables users to export doses present in the IND module into an Excel spreadsheet. This may be helpful for users as research is conducted because the report can be manually modified to fit each user's needs. For example, the data can be sorted, filtered, and notes can be added indicating why the dose did not deduct and what correction must be made. When the research is complete, users can return to the IND module to make all corrections at one time using their report notes as a reference.

There are two ways to navigate to the Inv Not Deducted Report from the left-side menu.

From **Reports**:

1. Select *Inventory Not Deducted Report*
2. Select the Organization from the drop-down menu

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- If you have access to only one organization, it will be the default
 - If you have access to multiple organizations, then choose the organization you would like to create the report for
3. Populate the From and To fields with the date range² you would like exported
 4. Click the *Generate Report* button
 5. Users are redirected to the **Inventory Not Deducted Report Status** page that displays the
 - Report Name – default name is the date range selected in a previous step
 - Org Name – default is the organization’s name as it appears in IRIS
 - User Name – user who created the report
 - Started – date and time the user created the report
 - Completed – date and time IRIS completed the report
 - Status
 - When the report is processing, the Status indicates PROCESSING
 - When the report is complete, the Status indicates COMPLETE
 6. When status is COMPLETE, click the link in the Report Name column to open the report in Excel (must have Excel installed on the computer); users may have to click the *Refresh* button to update the Status)

²The transaction date, or the date the dose administered was sent to IRIS through electronic data exchange, is the reference for which the dose appears in the IND module and IND report, NOT the vaccination date.

From Inventory:

1. Select *Inventory Not Deducted*
2. Select the Transaction Date Range by clicking one of the radio buttons to either
 - Select a pre-determined date range (Today or Past 7, 15, 30 or 90 Days) or
 - Manually enter a From and To date range or use the calendar tool to select a From and To date range
3. Click the *Report* button
4. Users are redirected to the **Inventory Not Deducted Report Criteria** page that auto-populates the Organization and Report Date range
5. Click the *Generate Report* button
6. Refer to steps 5 & 6 above

Below is a sample of the IND report when exported to Excel.

	A	B	C	D	E	F	G	H	I	J	L
1	Inventory Not Deducted Report										
2	Date Range: 05/01/2020 to 07/16/2020										
3	<i>This list includes new doses administered, sent through electronic data exchange, that did not deduct from inventory.</i>										
4	<i>Please contact vaccine management at (208) 334-6548 with questions.</i>										
5	Report ran on: 07/16/2020 14:37:46										
6	Organization: 002 - RUSSETT BURBANK PEDIATRICS										
7	Transaction Date	Job Id	Vaccination Date	Patient Name	Date of Birth	Vaccine Name	Trade Name	Lot Number	VFC Eligibility		
8	07/01/2020	498861	06/15/2020	BONNER, SEVEN	02/01/2006	HepA-Ped 2 Dose		C2732	Uninsured		
9	07/01/2020	498860	06/15/2020	ADA, ONE	01/01/2019	HepA-Ped 2 Dose		C2732	Uninsured		
14	07/01/2020	498859	05/15/2020	BINGHAM, THIRTEEN	07/01/2006	Influenza (LAIV3), live, nasal	FluMist	LJ2S14	Uninsured		
15	07/01/2020	498858	05/15/2020	BLAINE, TWELVE	07/01/2008	Influenza (LAIV3), live, nasal	FluMist	LJ2S14	Uninsured		

Vaccine Accountability & IRIS Inventory Not Deducted Module

Common Reasons for Non-Deduct Doses

There are many reasons why a dose administered does not deduct from IRIS public inventory and is listed in the IND module. While not an exhaustive list, below are the most common reasons for non-deduct errors, how they appear in the IND module, and the applicable IRIS resource used to research the error (e.g. public inventory and/or the [Show Transactions](#) report).

1. Doses were not accepted into IRIS public inventory before the doses administered were sent to IRIS through electronic data exchange.

The Transaction Date in the IND module example below indicates 07/16/20 and a vaccination date of 06/15/2020.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/16/2020	06/15/2020	499762	B2732/HepA-Ped 2 Dose	Uninsured	BONNER, SEVEN	02/01/2006
07/16/2020	06/15/2020	499761	B2732/HepA-Ped 2 Dose	Uninsured	ADA, ONE	01/01/2019
07/16/2020	06/15/2020	499761	B2732/HepA-Ped 2 Dose	Uninsured	CANYON, TWO	02/01/2018
07/16/2020	06/15/2020	499761	B2732 /HepA-Ped 2 Dose	Uninsured	CLEARWATER, THREE	03/01/2017
07/16/2020	06/15/2020	499761	B2732/HepA-Ped 2 Dose	Uninsured	JEROME, FIVE	05/01/2013
07/16/2020	06/15/2020	499761	B2732/HepA-Ped 2 Dose	Uninsured	TETON, FOUR	04/01/2018

However, the IRIS [Show Transactions](#) report below indicates the doses were accepted into IRIS public inventory on 07/29/20, 13 days after the transaction date and 44 days after the vaccination date. IRIS cannot account for doses if the doses are not part of inventory. It is best practice to accept order transfers in IRIS as soon as a vaccine shipment is received.

Organization	Transaction	Lot \ Trade Name	Type	Qty
002 - RUSSETT	07/29/2020	B2732 \ Havrix-Peds 2 Dose	REC	50.0

2. IRIS public inventory indicates zero doses on-hand on the date the dose administered was sent to IRIS through electronic data exchange (transaction date).

The IND module examples below indicate 6 doses of MMR lot number 0871AA were administered that did not deduct from IRIS public inventory.

Vaccine Accountability & IRIS Inventory Not Deducted Module

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/01/2020	05/15/2020	498838	0871AA/MMR II	Uninsured	ADA, ONE	01/01/2019
07/01/2020	05/15/2020	498853	0871AA/MMR II	Uninsured	BONNER, SEVEN	02/01/2006
07/01/2020	05/15/2020	498852	0871AA/MMR II	Uninsured	JEROME, FIVE	05/01/2013
07/01/2020	05/15/2020	498850	0871AA/MMR II	Uninsured	TETON, FOUR	04/01/2018
07/01/2020	05/15/2020	498846	0871AA/MMR II	Uninsured	CLEARWATER, THREE	03/01/2017
07/01/2020	05/15/2020	498839	0871AA/MMR II	Uninsured	CANYON, TWO	02/01/2018

IRIS public inventory confirms the vaccine type and lot number are valid. However, there are zero doses on hand, which means all doses received were previously accounted for (e.g. administered, wasted, and/or returned). To review the lot number's IRIS transaction history, run the [Show Transactions](#) report to determine if doses were reported in error, which may include a dose administered documentation error on a patient's record.

Site: Show Active Inactive Non-Expired Expired

Select	Trade Name	NDC	Description	Lot Number	Quantity On Hand	Active	Funding Source	Exp Date
<input type="checkbox"/>	MMR II	00006-4681-00	MMR II ; SDV; 10-PACK	0871AA	0	N	Public	12/12/2020

3. An incorrect vaccine type was selected in the organization's EHR.

The Lot/Vaccine Name in the IND module examples below reference an intradermal influenza vaccine, which is not offered by the IIP. However, the lot number is a valid IIP-supplied lot number. Therefore, it appears the incorrect vaccine type was selected in the organization's EHR³.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/01/2020	06/15/2020	498842	123XY/Fluzone Quad Intradermal	Uninsured	CANYON, TWO	02/01/2018
07/01/2020	06/15/2020	498852	123XY/Fluzone Quad Intradermal	Uninsured	JEROME, FIVE	05/01/2013

IRIS public inventory, shown below, indicates Fluzone Quad PF lot number 123XY with 59 doses on hand.

³If the organization privately stocks Fluzone Quad Intradermal, then the organization must determine which information for these two records is correct: the vaccine type OR the lot number, which will impact how the non-deduct doses in the IND module are resolved.

Vaccine Accountability & IRIS Inventory Not Deducted Module

Site: 002 - RUSSETT BURBANK PEDIATRICS Show Active Inactive Non-Expired Expired

Select	Trade Name	NDC	Description	Lot Number	Quantity On Hand	Active	Funding Source	Exp Date
<input type="checkbox"/>	ActHib	49281-0545-05	ACTHIB; SDV; 5-PACK	UH432AAA	76	Y	Public	12/12/2021
<input type="checkbox"/>	Adacel	49281-0400-15	ADACEL; SYR; 5-PACK	U4103BA	72	Y	Public	11/15/2020
<input type="checkbox"/>	FluMist Quadrivalent	66019-0306-10	FluMist Quad 19-20; single-dose intranasal spray, 10-pk (2-49 years)	LJ2514	82	Y	Public	02/28/2021
<input type="checkbox"/>	Fluzone Quad PF	49281-0419-50	Fluzone Quad PF 19-20; 0.5mL SYR; 10-pack (6+ months)	123XY	59	Y	Public	06/30/2021
<input type="checkbox"/>	Gardasil 9	00006-4119-03	HPV9 Gardasil 9; SDV; 10-PACK	1261AA	152	Y	Public	11/11/2022

4. The incorrect lot number was selected in the organization’s EHR and/or the lot number was not entered correctly into the EHR⁴.

⁴IRIS public inventory lot numbers are obtained from the outer box of the vaccine (unit-of-sale) as opposed to the lot numbers referenced directly on the vial/syringe (unit-of-use).

In the IND module example below, Prevnar 13 lot number F200O2 is not in IRIS public inventory.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/01/2020	05/15/2020	498850	F200O2/Prevnar 13	Uninsured	TETON, FOUR	04/01/2018
07/01/2020	05/15/2020	498839	F200O2/Prevnar 13	Uninsured	CANYON, TWO	02/01/2018

IRIS public inventory, shown below, indicates a similar lot number, Prevnar 13 lot number F20002. Upper case letter O is not a valid character; there are three zeroes in the lot number.

Site: 002 - RUSSETT BURBANK PEDIATRICS Show Active Inactive Non-Expired Expired

Select	Trade Name	NDC	Description	Lot Number	Quantity On Hand	Active	Funding Source	Exp Date
<input type="checkbox"/>	Prevnar 13	00005-1971-02	PREVNAR 13; SYR; 10-PACK	F20002	49	Y	Public	02/28/2022

5. A patient, 0 through 18 years of age, received a dose of vaccine that is not supplied by the IIP.

In the IND module example below, each patient received a dose of YF-VAX®, Yellow Fever Vaccine. These doses are present in the IND module because each patient’s age makes them eligible to receive IIP-supplied (public) vaccine; however, the vaccine is not offered by the IIP. The IND module displays all doses administered to patients between 0 and 18 years of age if the dose administered does not deduct from IRIS public inventory. See the **Correcting Doses in the IND Module** section below for details about how to remove these doses.

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Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/01/2020	06/15/2020	498838	AB120XY/YF-VAX	Uninsured	ADA, ONE	01/01/2019
07/01/2020	06/15/2020	498853	AB120XY/YF-VAX	Uninsured	BONNER, SEVEN	02/01/2006
07/01/2020	06/15/2020	498852	AB120XY/YF-VAX	Uninsured	JEROME, FIVE	05/01/2013
07/01/2020	06/15/2020	498851	AB120XY/YF-VAX	Uninsured	TETON, FOUR	04/01/2018
07/01/2020	06/15/2020	498846	AB120XY/YF-VAX	Uninsured	CLEARWATER, THREE	03/01/2017
07/01/2020	06/15/2020	498844	AB120XY/YF-VAX	Uninsured	CANYON, TWO	02/01/2018

Research Tips for Correcting Doses Present in the IND Module

In addition to the IND module, there are two IRIS functions that help organizations identify and research inventory discrepancies: inventory count and the [Show Transactions](#) report. These three tools are often used together to research non-deduct errors, as described below.

The following steps can help identify why a dose is present in the IND module and did not deduct from IRIS public inventory. These tips are not all-inclusive as your organization may have additional tools or reports available to aid in your research. Additionally, EHRs vary, as do each organization's business practices, so your EHR vendor and/or IT department may also be helpful resources. Moreover, if there is an ongoing non-deduct issue with a vaccine type or lot number, then please work directly with your EHR vendor and/or IT department to resolve. Doing so will prevent doses from being sent to IRIS inaccurately. For example, if a CPT code is incorrect in your organization's EHR, then all doses sent to IRIS through electronic data exchange will continue to display in the IND module. The non-deduct doses can be corrected in the IND module, however, the corrections do not update/correct the record in your organization's EHR.

1. Verify the lot/vaccine name referenced in the IND module is a valid vaccine in the organization's IRIS public inventory by:
 - Viewing lot numbers in the Non-Expired or Expired lists.
 - Running an IRIS [Show Transactions](#) report, using filters as needed.
2. If the lot number is displayed in IRIS public inventory, then verify if:
 - The lot was accepted in IRIS prior to the IRIS transaction date; refer to example 1 in the **Common Reasons for Non-Deduct Doses** section above.
 - Doses are available; refer to example 2 in the **Common Reasons for Non-Deduct Doses** section above.
 - The vaccine name/type is correct; refer to example 3 in the **Common Reasons for Non-Deduct Doses** section above.
3. If the lot number is not available in IRIS public inventory, then look in the Non-Expired and Expired lists for *similar* lot numbers.
 - See example 4 in the **Common Reasons for Non-Deduct Doses** section above; the Lot/Vaccine Name in the IND module references Prevnar 13 lot number F200Q2; however, the correct lot number is F200Q2.

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- If any lot number referenced in the IND module contains an uppercase “O”, then consider the correct lot number in IRIS public inventory contains a zero (“0”).
- Consider if a private vaccine lot was administered.
 - When a clinic has the same lot number in both its private and public inventories, IRIS is not able to differentiate between the two. Therefore, IRIS will always deduct a private dose administered from public inventory if public doses are available. To prevent this from occurring, the IIP strongly encourages providers to add a lot modifier at the end of the private lot number, such as -P, -PP, or -PRI. The lot modifier will prevent a private dose administered from deducting from IRIS public inventory because the modified private lot number is not an exact match to the public lot.

Inventory Count

The *inventory count* is an effective IRIS tool to identify discrepancies. Providers are required to submit a physical inventory count each time a vaccine order is placed. Best practice is to submit a monthly inventory count.

IRIS inventory count reporting is useful because it provides organizations with a date stamped, physical inventory count that may identify on, or approximately, what date a vaccine lot number became discrepant. A discrepancy is indicated by a difference between the IRIS Inventory Doses on Hand and Physical Count columns, as shown in the inventory count example below. If an organization’s physical count differs from the IRIS doses on-hand, then organizations must research and resolve the difference. It is possible that some or all of the discrepant doses may be present in the IND module. Organizations may be required to replace each dose that is not accounted for, as stated in the [Provider Polices and Guidelines](#).

The inventory count below indicates:

- The date the inventory count was submitted, 03/13/2017;
- The date the last inventory count was submitted, 06/30/2016;
- Doses given (administered) between 06/30/2016 and 03/13/2017;
- The doses IRIS indicates should physically be on-hand; and
- The physical count, as submitted by the provider.

Inventory Reconciliation for: 002 002 - IDA ROSE MEDICAL PRACTICE

Inventory Count on: 03/13/2017



State Supplied Vaccine

Last Inventory Count was on: 06/30/2016

Vaccine	Trade Name	Manufacturer	Package	NDC Number	Lot Number	Exp Date	Doses Given Since Last Count	IRIS Inventory Doses on Hand	Physical Count
9vHPV	Gardasil 9	Merck & Co, Inc (MSD)	HPV9 Gardasil 9; SDV; 10-PACK	00006-4119-03	1261AA	11/11/2019	0	158	140
DTaP-IPV/Hib	Pentacel	Sanofi Pasteur (PMC)	PENTACEL; SDV; 5-PACK	49281-0510-05	C4061AA	07/05/2017	0	87	74
Meningococcal-MCV4P	Menactra	Sanofi Pasteur (PMC)	MENACTRA; SDV; 5-PACK	49281-0589-05	U4043AD	06/06/2017	0	20	0
Polio-Inject	IPOL	Sanofi Pasteur (PMC)	IPOL-POLIOVIRUS VACCINE INACTIVATED 10 DOSE VIAL	14645-0860-10	L2345-1	08/01/2017	0	19	29
Polio-Inject	IPOL	Sanofi Pasteur (PMC)	IPOL-POLIOVIRUS VACCINE INACTIVATED 10 DOSE VIAL	14645-0860-10	M3325	07/16/2018	0	10	0

Vaccine Accountability & IRIS Inventory Not Deducted Module

Additionally, organizations are required to enter doses administered into IRIS within 28 days of administration. If an organization reports a physical count that differs from the IRIS count for more than 28 days, then the discrepant lot number(s) must be researched and corrected.

The following examples indicate why submitting a monthly inventory count is best practice:

1. Menactra lot number U4043AD has a discrepancy of 20 doses. Since the previous inventory count was submitted over eight months ago, the organization may have to research patient records dated back eight months to determine which patients received a dose of Menactra. If a monthly inventory count was submitted, then the organization could narrow the date range, minimizing the quantity of patient records reviewed, to identify when the discrepancy began and which patient record(s) is incorrect (i.e. dose administered that is not documented or incorrect lot number referenced).
2. There are two possible scenarios for the discrepancy between both IPOL lot numbers. Either:
 - Ten (10) patient records have the incorrect lot number documented or
 - The provider combined both lot numbers when submitting the inventory count.
 - If this occurs, then it is strongly recommended that the lot numbers and dose quantities are confirmed before submitting the inventory count.
3. The *Doses Given Since Last Count* indicate zero for all vaccines, which is not probable since the previous count was submitted more than eight months ago.

Consider the following when submitting a physical inventory count and comparing any discrepancies between IRIS Inventory Doses on Hand and Physical Count:

- How current are the organization's doses administered in IRIS; have all doses administered been entered into IRIS?
- If doses administered are not entered into IRIS in real-time, then consider:
 - How often are doses administered entered into IRIS?
 - If possible, conduct the physical inventory count immediately following the upload of doses administered into IRIS to ensure up-to-date information is available.
 - What is a reasonable discrepancy for the organization? Consider the frequency of doses administered entered in IRIS along with patient volume.
 - Example: In the inventory count above, Gardasil 9 lot number 1261AA has a discrepancy of 18 doses (the difference between IRIS Inventory Doses on Hand and the Physical Count). If the organization enters doses administered only weekly, then is it feasible that 18 doses have been administered since the last time doses administered were entered into IRIS?

Correcting Doses in the IND Module

When a non-deduct error has been identified for a dose present in the IND module, the error must be corrected for the dose to deduct from IRIS public inventory or removed from the IND module.

Below are the same examples from the **Common Reasons for Non-Deduct Doses** section above, referenced by the corresponding reason number. Since the errors have been identified, each dose can be corrected or removed from the IND module, as explained after each example.

Vaccine Accountability & IRIS Inventory Not Deducted Module

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB	Trade Name	Inventory Lot		
07/01/2020	2 05/15/2020	498838	0871AA/MMR II	Uninsured	ADA, ONE	01/01/2019			<input type="checkbox"/>	<input type="checkbox"/>
07/01/2020	3 06/15/2020	498842	123XY/Fluzone Quad Intradermal	Uninsured	CANYON, TWO	02/01/2018			<input type="checkbox"/>	<input type="checkbox"/>
07/01/2020	5 06/15/2020	498844	AB120XY/YF-VAX	Uninsured	CANYON, TWO	02/01/2018		Insufficient/No Inventory	<input type="checkbox"/>	<input type="checkbox"/>
07/16/2020	1 06/15/2020	499761	B2732 /HepA-Ped 2 Dose	Uninsured	CLEARWATER, THREE	03/01/2017			<input type="checkbox"/>	<input type="checkbox"/>
07/01/2020	4 05/15/2020	498839	F20002/Prevnar 13	Uninsured	CANYON, TWO	02/01/2018			<input type="checkbox"/>	<input type="checkbox"/>

1. B2732 / HepA-Ped 2 Dose: Lot number was not accepted into IRIS inventory until after doses were administered.

The Transaction Date in the IND module example below indicates 07/16/20 and a vaccination date of 06/15/2020.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/16/2020	06/15/2020	499762	B2732/HepA-Ped 2 Dose	Uninsured	BONNER, SEVEN	02/01/2006
07/16/2020	06/15/2020	499761	B2732/HepA-Ped 2 Dose	Uninsured	ADA, ONE	01/01/2019
07/16/2020	06/15/2020	499761	B2732/HepA-Ped 2 Dose	Uninsured	CANYON, TWO	02/01/2018
07/16/2020	06/15/2020	499761	B2732 /HepA-Ped 2 Dose	Uninsured	CLEARWATER, THREE	03/01/2017
07/16/2020	06/15/2020	499761	B2732/HepA-Ped 2 Dose	Uninsured	JEROME, FIVE	05/01/2013
07/16/2020	06/15/2020	499761	B2732/HepA-Ped 2 Dose	Uninsured	TETON, FOUR	04/01/2018

However, the IRIS [Show Transactions](#) report below indicates the doses were accepted into IRIS public inventory on 07/29/20, 13 days after the transaction date and 44 days after the vaccination date. IRIS cannot account for doses if the doses are not part of inventory. It is best practice to accept order transfers in IRIS as soon as a vaccine shipment is received.

Organization	Transaction	Lot \ Trade Name	Type	Qty
002 - RUSSETT	07/29/2020	B2732 \ Havrix-Peds 2 Dose	REC	50.0

To correct,

- Select the correct vaccine from the drop-down menu in the Trade Name⁵ column
- Select the lot number from the drop-down menu in the Inventory Lot column
- Check the box in the update column
- Click the *Save* button

⁵Trade Name must be selected before Inventory Lot for IRIS to determine which lot number was available for the selected trade name on the vaccination date.

Vaccine Accountability & IRIS Inventory Not Deducted Module

Past 90 Days This list includes new doses administered, sent through electronic data exchange that did not deduct from inventory. If the Inventory Lot column displays Insufficient/No Inventory, then the current quantity on hand will need to be reviewed and updated before the lot number can be deducted. Please see the Inventory Non-Deduct Guidelines for more information or contact vaccine management at (208) 334-6548.

Date Range: Save d
Report
Cancel

Vaccine Group: HepA c

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB	Trade Name	Inventory Lot
07/16/2020	06/15/2020	499761	B2732/HepA-Red 2 Dose	Uninsured	ADA, ONE	01/01/2019	HepA-Red 2 Dose	B2732/PBF

- 0871 / MMR II: There are zero doses in IRIS; all doses received have been accounted for.

The IND module examples below indicate 6 doses of MMR lot number 0871AA were administered that did not deduct from IRIS public inventory.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/01/2020	05/15/2020	498838	0871AA/MMR II	Uninsured	ADA, ONE	01/01/2019
07/01/2020	05/15/2020	498853	0871AA/MMR II	Uninsured	BONNER, SEVEN	02/01/2006
07/01/2020	05/15/2020	498852	0871AA/MMR II	Uninsured	JEROME, FIVE	05/01/2013
07/01/2020	05/15/2020	498850	0871AA/MMR II	Uninsured	TETON, FOUR	04/01/2018
07/01/2020	05/15/2020	498846	0871AA/MMR II	Uninsured	CLEARWATER, THREE	03/01/2017
07/01/2020	05/15/2020	498839	0871AA/MMR II	Uninsured	CANYON, TWO	02/01/2018

IRIS public inventory confirms the vaccine type and lot number are valid. However, there are zero doses on hand, which means all doses received were previously accounted for (e.g. administered, wasted, and/or returned). To review the lot number's IRIS transaction history, run the IRIS [Show Transactions](#) report and compare the data to the organization's EHR to determine if doses were reported in error, which may include a dose administered documentation error on a patient's record.

Site: Show Active Inactive Non-Expired Expired

Select	Trade Name	NDC	Description	Lot Number	Quantity On Hand	Active	Funding Source	Exp Date
<input type="checkbox"/>	MMR II	00006-4681-00	MMR II ; SDV; 10-PACK	0871AA	0	N	Public	12/12/2020

Documentation errors are the most time consuming and difficult errors to research, therefore it is important to confirm the vaccine information entered in the EHR, and subsequently a patient's health record, is accurate before saving and/or submitting. Incorrect lot number errors can be decreased by:

- Limiting staff who manage lot numbers in the EHR
- Limiting free-text lot number fields in the EHR
- Removing inactive/depleted lots in the EHR so they may not be selected from a menu

- 123XY / Fluzone Quad Intradermal: Vaccine type (intradermal) is not supplied by the IIP; however, the lot number is valid in IRIS inventory.

Vaccine Accountability & IRIS Inventory Not Deducted Module

The Lot/Vaccine Name in the IND module examples below reference an intradermal influenza vaccine, which is not offered by the IIP. However, the lot number is a valid IIP-supplied lot number. Therefore, it appears the incorrect vaccine type was selected in the organization's EHR³.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/01/2020	06/15/2020	498842	123XY/Fluzone Quad Intradermal	Uninsured	CANYON, TWO	02/01/2018
07/01/2020	06/15/2020	498852	123XY/Fluzone Quad Intradermal	Uninsured	JEROME, FIVE	05/01/2013

IRIS public inventory, shown below, indicates Fluzone Quad PF lot number 123XY with 59 doses on hand.

³If the organization privately stocks Fluzone Quad Intradermal, then the organization must determine which information for these two records is correct: the vaccine type OR the lot number, which will impact how the non-deduct doses in the IND module are resolved.

Site: 002 - RUSSETT BURBANK PEDIATRICS		Show <input checked="" type="radio"/> Active <input type="radio"/> Inactive <input type="radio"/> Non-Expired <input type="radio"/> Expired						
Select	Trade Name	NDC	Description	Lot Number	Quantity On Hand	Active	Funding Source	Exp Date
<input type="checkbox"/>	ActHib	49281-0545-05	ACTHIB; SDV; 5-PACK	UH432AAA	76	Y	Public	12/12/2021
<input type="checkbox"/>	Adacel	49281-0400-15	ADACEL; SYR; 5-PACK	U4103BA	72	Y	Public	11/15/2020
<input type="checkbox"/>	FluMist Quadrivalent	66019-0306-10	FluMist Quad 19-20; single-dose intranasal spray, 10-pk (2-49 years)	LJ2514	82	Y	Public	02/28/2021
<input type="checkbox"/>	Fluzone Quad PF	49281-0419-50	Fluzone Quad PF 19-20; 0.5mL SYR; 10-pack (6+ months)	123XY	59	Y	Public	06/30/2021
<input type="checkbox"/>	Gardasil 9	00006-4119-03	HPV9 Gardasil 9; SDV; 10-PACK	1261AA	152	Y	Public	11/11/2022

- a. If the patient received lot number 123XY, then follow the corrective actions in example 1 above
- b. If the patient received vaccine type Fluzone Quad Intradermal, then
 - Export the doses to an Excel spreadsheet, per the **IND Report** section above
 - In the row for the dose that needs to be removed from the IND module, provide a brief explanation of why the dose must be removed from the IND module (e.g. Private dose administered to patient)
 - Save the Excel file at the clinic for a minimum of three years
 - Email the secure Excel file, as an attachment, to the IIP at IIP@dhw.idaho.gov
 - IIP staff will remove the dose(s) indicated within 1-2 weeks (up to 10 business days)
 - If your organization cannot send a secure email, then please remove the column with the patient names before sending the Excel file

4. F20002 / Prevnar 13: Lot number is incorrect. To correct, follow the actions in example 1.

In the IND module example below, Prevnar 13 lot number F20002 is not in IRIS public inventory.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/01/2020	05/15/2020	498850	F20002/Prevnar 13	Uninsured	TETON, FOUR	04/01/2018
07/01/2020	05/15/2020	498839	F20002/Prevnar 13	Uninsured	CANYON, TWO	02/01/2018

Vaccine Accountability & IRIS Inventory Not Deducted Module

IRIS public inventory, shown below, indicates a similar lot number, Prevnar 13 lot number F20002. Upper case letter O is not a valid character; there are three zeroes in the lot number.

Site: 002 - RUSSETT BURBANK PEDIATRICS		Show <input checked="" type="radio"/> Active <input type="radio"/> Inactive <input type="radio"/> Non-Expired <input type="radio"/> Expired						
Select	Trade Name	NDC	Description	Lot Number	Quantity On Hand	Active	Funding Source	Exp Date
<input type="checkbox"/>	Prevnar 13	00005-1971-02	PREVNAR 13; SYR; 10-PACK	F20002	49	Y	Public	02/28/2022

- AB120XY / YV-VAX: Vaccine type (Yellow Fever) is not supplied by the IIP. To remove these doses from the IND module, follow the actions in example 3b.

In the IND module example below, each patient received a dose of YF-VAX®, Yellow Fever Vaccine. These doses are present in the IND module because each patient’s age makes them eligible to receive IIP-supplied (public) vaccine; however, the vaccine is not offered by the IIP. Remember, the IND module displays all doses administered to patients between 0 and 18 years of age if the dose administered does not deduct from IRIS public inventory.

Transaction Date	Vaccination Date	Job ID	Lot/Vaccine Name	Eligibility	Patient Name	DOB
07/01/2020	06/15/2020	498838	AB120XY/YF-VAX	Uninsured	ADA, ONE	01/01/2019
07/01/2020	06/15/2020	498853	AB120XY/YF-VAX	Uninsured	BONNER, SEVEN	02/01/2006
07/01/2020	06/15/2020	498852	AB120XY/YF-VAX	Uninsured	JEROME, FIVE	05/01/2013
07/01/2020	06/15/2020	498851	AB120XY/YF-VAX	Uninsured	TETON, FOUR	04/01/2018
07/01/2020	06/15/2020	498846	AB120XY/YF-VAX	Uninsured	CLEARWATER, THREE	03/01/2017
07/01/2020	06/15/2020	498844	AB120XY/YF-VAX	Uninsured	CANYON, TWO	02/01/2018

IRIS Patient Records: How to Determine if a Dose Deducted from IRIS Public Inventory

When viewing a patient’s immunization history in IRIS, the details of a vaccine received by the patient may be viewed by clicking on the pencil and paper icon in the Edit column, as shown in the example below. The details also include whether a dose administered deducted from IRIS public inventory.

Vaccine Accountability & IRIS Inventory Not Deducted Module

Patient Information		IRIS ID: 97373			VFC Eligible: Yes			
Patient Name (First - MI - Last)	DOB	Gender	Mother's Maiden	Tracking Schedule	Patient ID			
TATER TOT	03/03/2011	M	TOT	ACIP				
Address		P.O. Box 83720, BOISE, ID 83720 (208) 334-4949						
Patient Notes (0) view or update notes								
History Add Immunization Edit Patient Reports Print Print Confidential								
Vaccine Group	Date Administered	Series	Trade Name	Dose	Owned?	Reaction	Hist?	Edit
DTP/aP	04/15/2011	1 of 5	Pentacel®	Full				
	05/13/2011	2 of 5	Pentacel®	Full				
	09/24/2011	PARTIAL DOSE	Pentacel®	Full				
	06/26/2012	3 of 5	Pentacel®				Yes	

When the Edit icon is clicked to view the Pentacel dose administered on 04/15/2011, the user is redirected to the Edit Immunization page, as shown below. This page indicates whether a vaccine lot number has deducted from IRIS public inventory, which is further explained below.

Patient Information		IRIS ID: 97373			VFC Eligible: Yes	
Patient Name (First - MI - Last)	DOB	Gender	Mother's Maiden	Tracking Schedule	Patient ID	
TATER TOT	03/03/2011	M	TOT	ACIP		
Address		P.O. Box 83720, BOISE, ID 83720 (208) 334-4949				
Edit Immunization						
Vaccine Group: DTP/aP - Hib - Polio				Save		
Vaccine Display Name: DTaP-IPV/Hib				Cancel		
Trade Name: Pentacel				Delete		
Vaccine Lot Number: C4061AA / public						
Dose Size: 0.5 ml						
Dosage From Inventory: Full						
Partial Dose: <input type="checkbox"/>						
Date Provided: 04/15/2011						
VFC Eligibility: Ineligible						
Insurance Provider: Blue Cross of ID Hlth Serv Inc						

Review the **Vaccine Lot Number** field to determine if a dose deducted from inventory. Because lot number C4061AA in the example below is followed by “ / public”, this indicates the dose deducted from inventory.

Edit Immunization	
Vaccine Group: DTP/aP - Hib - Polio	Save
Vaccine Display Name: DTaP-IPV/Hib	Cancel
Trade Name: Pentacel	Delete
Vaccine Lot Number: C4061AA / public	
Dose Size: 0.5 ml	
Dosage From Inventory: Full	

Vaccine Accountability & IRIS Inventory Not Deducted Module

Below are two examples of how to determine from a patient's IRIS record if a dose did not deduct from inventory.

1. Lot number P-1619701 in the **Vaccine Lot Number** field is not followed by “ / public”; this indicates that the dose did not deduct from inventory.

Edit Non-Owned Immunization (Owner information shown below...)

Vaccine Group: Influenza Save

Vaccine Display Name: Influenza (IV3) Cancel

Trade Name: Unknown

Vaccine Lot Number: P-1619701 Data Exchange

Dosage From Inventory: Full

Partial Dose: No

Date Provided: 11/04/2016

2. Lot number L008269 in the **Vaccine Lot Number** field is editable; however, manually adding “ / public” after the lot number and clicking the Save button will not deduct the dose.

Edit Immunization

Vaccine Group: Varicella Save

Vaccine Display Name: Varicella Cancel

Trade Name: Varivax

Vaccine Lot Number: L008269 Delete

Funding Type:

Dosage From Inventory: Full

When a dose has been corrected in the IND module, the correction is noted on the patient's IRIS record as Edited through IND screen: Y, as shown below.

Vaccine Accountability & IRIS Inventory Not Deducted Module

Patient Information IRIS ID: 1284599

Patient Name (First - MI - Last) DOB Gender Mother's Maiden Tracking Schedule Patient ID

Address

Edit Immunization

Vaccine Group: HepA

Vaccine Display Name: HepA-Ped 2 Dose

Trade Name: Havrix-Peds 2 Dose

Vaccine Lot Number: B2732 / public

Dose Size: 0.5 ml

Dosage From Inventory: Full

Partial Dose:

Date Administered:

VFC Eligibility:

POD ID:

Source of Immunization: New Immunization Administered

Disregard Primary Series:

VIS Date for HepA:

Provider Organization: 002 - RUSSETT BURBANK PEDIATRICS

Input Source of Record: Created from HL7 2.5.1 File Data Exchange.

Edited through IND screen: **Y**

Funding Type/VFC Eligibility Override:

In addition to viewing the details of a dose administered on a patient's IRIS record, the IRIS Show Transaction report also indicates if a dose administered deducted from IRIS public inventory. The Show Transaction report also indicates if the dose administered deducted from public inventory because it was corrected in the IND module, as shown in the highlighted example below.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Vaccine Transaction Report												
2	Organization Name	Transaction Date	Trade Name	Lot Number	Funding Source	Quantity	Transaction Reason	Vaccination Date	Patient Name	Patient DOB	Manage Inventory Explanation	Date Entered into IRIS	User Name
3	002 - RUSSETT BURBANK PEDIATRICS	07/30/2020 15:28:14	Havrix-Peds 2 Dose	82732	PUBLIC	-1	Immunizations Given	06/15/2020	TETON, FOUR	04/01/2018	Inventory Not Deducted update	07/30/2020 15:28:14	Fry, Carly
4	002 - RUSSETT BURBANK PEDIATRICS	07/29/2020 00:00:00	Havrix-Peds 2 Dose	82732	PUBLIC	50	Receipt of Inventory					07/29/2020 16:03:18	Fry, Carly

All resources referenced in this document are located in the online [IIP Provider Resource Binder](#) on the Healthcare Provider page of the IIP website at www.immunizeidaho.com.