

# Capturing the Vaccine Funding Source & Eligibility Funding Status for Immunizations

## Releases

Client/Server 5.67 Priority Pack 27

## Overview

This document provides an overview of the workflow and build for entering a vaccine funding source, eligibility funding status, and eligibility funding date, and sending it outbound to your state registry. Capturing a patient's eligibility funding status and vaccine funding source is part of the Centers for Disease Control and Prevention (CDC) Vaccines for Children Program (VFC), which is a federally funded program that provides children with vaccines at no cost.<sup>1</sup> The eligibility funding status indicates if the patient is eligible for the program, based on a number of factors per CDC recommendations including race, age, and financial class. The vaccine funding source indicates the source of the vaccine provided to the patient based off their eligibility, e.g., "public VFC funds" if the patient was eligible for the VFC program.

The vaccine funding source can be captured in Pharmacy and also on the electronic Medication Administration Record (eMAR) allowing either the pharmacist or nurse to document this information, providing flexibility to your organization's workflow. The eligibility funding status and date may be automatically populated, which is explained later in this document. Please note, in order to capture the vaccine funding source your organization must be set up with the Centralized Immunization functionality. Please contact your Pharmacy support specialist with any questions.

Capturing the vaccine funding source is part of the Immunization Registry Reporting Measure, which is one of the measure options available to meet the Public Health and Clinical Data Registry Report Objective for Meaningful Use Stage 3 (MU3). Please note the eligibility funding status and date were requirements of the Immunization Registry MU Stage 2 Public Health Objective. For an overview of the MU2 and MU3 immunization requirements, please reference the Supporting Documentation section at the end this document.

## MEDITECH Applications

- Admissions (ADM)
- Interoperability (NMI)
- Management Information System (MIS)
- Patient Care System (PCS)
- Pharmacy (PHA)

## Third Party Vendor Requirements

Confirm your state agency can support an unsolicited immunizations messaging interface following the CDC standard specifications. Discuss any specific connection requirements provided by your state agency with your MEDITECH Interoperability support specialist.

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<sup>1</sup> Centers for Disease Control and Prevention. "Vaccines for Children Program."  
<<https://www.cdc.gov/vaccines/programs/vfc/index.html>> 1 Sept. 2017

## MEDITECH Recommended Workflow

The workflow section of this document reviews the information needed in Registration and then provides an overview of both the Ordering Screen and Record Event functionality utilized with the Centralized Immunization tool.

### Entering Eligibility Requirements during Registration

A patient's eligibility funding status is calculated in the background via rule logic and displayed within Pharmacy and PCS. The eligibility funding status calculation factors in the patient's age, race, and financial class. As such, this information must be entered upon registering the patient in Admissions.

### Registration Management Desktop

Admissions > Registration Management Desktop > Register > Patient tab > Demographics tab

The screenshot displays the 'Registration Management Desktop' interface for a patient named 'Waters, Abigail'. The patient's age is 7, and their race is 'WH'. The interface includes various tabs for patient information, a sidebar with action buttons, and a bottom navigation bar.

Field	Value
*Name	Waters, Abigail
*Birthdate	07/18/2010
*Age	7
*Sex	F
Other Name	
Mother's Name	
*Alt Address	N
*Address	32 Garfield Way
*City	Portland
*State	ME
*Zip	04122
*Home Phone	781-774-3000
Other Phone	
Email	
Use Email	
*Marital Status	S
Soc Sec Num	
Race	WH
Religion	
Affiliation	

Country:

Navigation: Cancel, Next, Save, ?

Right Sidebar Actions: Schedule, Pre-Register, Register, Check In, Revisit, Bed Request, In Transfer, Out Transfer, Discharge, Edit, Fix, Undo, Cancel, Maintenance, Change Status, Account Info, Picture, Demo Recall, EMR

Along with entering the patient's age, race, and financial class, the eligibility date must be entered on the Insurance tab in the Elig Date field. This is the date the patient's insurance eligibility has been verified and will default into the Eligibility Funding Date field on the eMAR Immunization Documentation screen (if utilizing the Ordering Screen functionality, or on the order (if utilizing the Record Event functionality), shown later in the Workflow section of the document.

## Registration Management Desktop

Admissions > Registration Management Desktop > Register > Insurance tab

Registration Management Desktop - CEC (MTUNV56/D5.67/S5.6.7) - Dr. Mabel Avery

**Waters, Abigail** ADM IN New Account Med Rec Num: EC00061253  
7/F 07/18/2010

Patient | DIAG | Contact | WAY | Guarantor | **Insurance** | B/AR Info | Provider | Visit | Allergies

*Mnemonic	Name
1 MA	MEDICAID
2	
3	
4	

Detail | Authorizations | Scanning | Rx Info | CDS | Assign Info

Policy Num		Ins Name	MEDICAID
Subscriber		Ins Address	PO BOX 8150
Sub Address		City	HARRISBURG
City		State  Zip	PA 17101
State  Zip		Phone	(814)355-6000
Country		Elig Stat  *Date	VERIFIED 08/29/17
US Citizen		Eff  Exp Date	
Phone		Elec Check	
Birthdate		Cov Num	
Sex  Race		Group Name	
Soc Sec Num		Group Num	
Mar Status		Emp Status	
Sub Pol Num		Emp Name	
Relation		Emp Location	
*Fin Class	MA	Deduct  Copay	
		Benefit Plan	

Reorder Ins | Update Ins Demo Recall? Yes | Manage Auth/Referrals | Cancel | Next | Save

Schedule | Pre-Register | Register | Check In | Revisit | Bed Request | In Transfer | Out Transfer | Discharge | Edit | Fix | Undo | Cancel | Maintenance | Change Status | Account Info | Picture | Demo Recall | EMR

After the patient has been registered, an immunization order can be entered in any of the ordering applications.

## Ordering Screen

Within Pharmacy, the system provides the ability for a pharmacist to enter a vaccine funding source in Enter Orders, or within Edit Orders if the order originated outside of Pharmacy, e.g., Provider Order Management (POM). Also within these routines, the patient's eligibility funding status is available in a view only field to help the pharmacist make a decision on the vaccine funding source based on whether the patient is eligible for the VFC program.

On the Immunization Event tab of the Pharmacy order, the Vaccine Funding Source field provides a lookup to the MIS Vaccine Funding Source Dictionary, allowing the pharmacist to choose an applicable funding source from a selection of predefined entries. Once entered, the mnemonic of the funding source displays in this field. If there is a vaccine funding source applicable to all vaccines, regardless of an eligibility status, a default vaccine funding source may be entered in the Pharmacy Drug Dictionary. If entered in the dictionary, the vaccine funding source value appears in this field, but may still be edited if needed.

The patient's eligibility funding status displays in a view only field and is calculated in the background based on rule logic, as previously mentioned. Please note, you must use an order type with the Immunization field set to "Y" in order for the rule to evaluate. The description of the eligibility status, predefined in the Financial Class Value Set in MIS, displays in the Eligibility Funding Source field. Please review the Build section for more details on the rule and defaults.

## Pharmacy Enter Orders

Pharmacy > Pharmacist Desktop > Enter Orders

Pharmacist Desktop - CEC/MAIN (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech

**Waters, Abigail** EC0000016617 3 ft 11.64 in 121 cm BSA: 0.87 m2  
7/F 07/18/2010 EC00061253 49 lb 5 oz 22.368 kg BMI: 15.3 kg/m2  
2N 2N-B18 Allergy: No Known Allergies

Immunization Event Protocol Chemo Comments Instructions Queries Interactions Provider

Rx Number	NEW	Fluzone Quadrivalent (Influenza Vaccine) 0.5 mL, INJ
*Vaccine	Influenza,quad	Influenza, inj, quadrivalent, pres free INFLUENZA
*Order Type	IMM	IMMUNIZATION ORDER TYPE
Clinical Indication		

*Dose	0.5	mL	1 INJECTION PER DOSE
Range Dose Low		High	
*Route	IM		INTRAMUSC

Frequency	.ONCE	*Start Date	*Time	09/28/17	1715
Schedule	ONE	Stop Date	Time	09/28/17	1716

Eligibility Funding Status	VFC Eligible - Medicaid
Vaccine Funding Source	Public VFC

*Inventory	PHA	PHARMACY MAIN INVENTORY	*Charge Type	NC
*Dispense	1	INJECTIONS	*Charge	0.00
Cart Amount	0		Pending	

Label Comments

Exceptions Cancel Save ? [Icons]

Once the order is filed in Pharmacy, navigate to the eMAR to document the administration via the Immunization Documentation screen.

On the Immunization Documentation screen, the Vaccine Funding Source field is again available, with a lookup to the MIS Vaccine Funding Source Dictionary. If a vaccine funding source was entered in Pharmacy, that value displays here. In addition, the eligibility funding status that was shown in Pharmacy also files to this screen in the Eligibility Funding Source field, but can be edited if needed. On this screen, the eligibility funding source code displays, also pulling from the MIS FinancialClass Value Set. The date entered in the the Elig Date field during registration defaults into the Eligibility Funding Date field.

### eMAR Immunization Documentation Screen

*Nursing > Patient Care System > Select patient > eMAR > Administer*

Meditech Health Care Information System

Waters, Abigail  
 DOB: 07/18/2010 7 F  
 Ht: 121.00 cm/ Wt: 22.368 kg BSA: 0.86 m2 BMI: 15.3 kg/m2  
 Allergies/AdvReac: No Known Allergies

EC0000016617/EC00061253/SVVIVII0014525  
 TWO NORTH - 2N-B18 ADM IN

Immunizations | Event Comments

Rx Number: 00012864      Fluzone Quadrivalent (Influenza Vaccine) 0.5 mL, I  
 Vaccine: Influenza, inj, quadrivalent, pres free      Fluzone Quadrivalent (Influenza Vaccine)  
 Route: IM      INTRAMUSC

\*Reason: SCH      Vaccination Schedule  
 \*Informed Consent: Y  
 Variance Reason:

Dose	Units	Inj Site	Lot Number	Expiration Date
0.5	mL	L.ARM	2334654	11/27/17

Manufacturer: SANOFI PH  
 Administered Dose: 0.5 mL  
 Ordered Dose: 0.5 mL

Eligibility Funding Status	V02
Eligibility Funding Date	08/29/17
Vaccine Funding Source	Public VFC
VIS Given Date	09/28/17
VIS Publication Date	08/07/15

Component	Eff Dose	VIS Publication Date
FLU	Y	

Cancel Next Save ?

Once the administration is filed, an outbound message is sent to the registry, and the vaccine funding source, eligibility funding status, and eligibility funding date are filed back to Pharmacy. If the eligibility funding status, date, or vaccine funding source need to be edited after the administration has been filed, they can be edited in PCS and a new outbound message will be generated.

## Pharmacy Reports

The vaccine funding and eligibility information can be viewed on the Rx Audit, Print Order, Medication Discharge Summary Report, and eMAR Administration Report in Pharmacy.

In the Order Detail section of the Rx Audit, the eligibility funding status description displays in the Elig Funding Status field and the vaccine funding source name displays in the Vac Funding Source field.

## Rx Audit - Order Detail Section

Pharmacy > Pharmacist Desktop > Select Rx > Rx Audit

The screenshot displays the 'Rx Audit' window in the Pharmacist Desktop application. The main window title is 'Pharmacist Desktop - CEC/MAIN (MTUNV56/D5.67/S5.6.7) - Mabel Avery'. The 'Order' section shows details for 'Fluzone Quadrivalent (Influenza V... 0.5 mL IM .ONCE ONE' with a status of 'Discontinued' and a source of 'PHA Avery, Mabel'. The 'Order Detail' section provides a comprehensive breakdown of the order, including start and stop dates (08/29/17-1516), order type (IMM), and total costs (\$1.52). The 'Elig Funding Status' is 'Eligible - Medicaid' and the 'Vac Funding Source' is 'Federal Funding Source'. Below the order details are sections for 'Comments/Instructions', 'Dose Warning', 'Override Comment', 'Conflict', and 'Rules'. The 'Administration' table shows a single entry for 09/28-1717 with a dose of 0.5 mL. The 'Billing' table shows a service on 09/28/17 with a charge of 1.52. At the bottom, there are buttons for 'Preferences', 'Print', 'Close', and 'Next'.

Order Detail	
Start Date	08/29/17-1515
Stop Date	08/29/17-1516
Discontinued On	08/29/17-1516
Discontinued By	PHABKGJOB
Order Type	IMM
Order Source	
Inventory	PHA
Dispense Size	1 INJECTION PER DOSE
PHA Site	MAIN
Charge Type	NC
Forms Dispensed	1
Total Charges	\$0
Total Costs	\$1.52
Elig Funding Status	Eligible - Medicaid
Vac Funding Source	Federal Funding Source

Administration							
Schedule	Given	Dose	User	Scan Rx/Pt	Reason	Doses	Items
09/28-1717	09/28-1715	Yes	0.5 mL	EOBU	N/N	1	1
<b>Totals</b>						1	1

Billing						
Service	Charge	Source	Inventory	Items	Charge	Payment
09/28/17 1720	09/28/17 1717	ADMIN DEBIT	PHA	1	0.00	

In the Administration section of the Rx Audit, the description of the eligibility funding status, eligibility funding date, and the name of the vaccine funding source displays.

## Rx Audit - Administration Section

Pharmacy > Pharmacist Desktop > Select Rx > Rx Audit

The screenshot displays the 'Administration' section of the Rx Audit interface. The main window shows a table with columns for Administration, Schedule, Given, Dose, User, Scan Rx/Pt, Reason, Doses, and Items. The selected record is for 09/28-1717, administered on 09/28-1715, with a dose of 0.5 mL, user EOBU, and 1 dose given.

The 'Administration' section is expanded to show the following details:

Vaccine Component	Effective Dose	VIS Publication Date
Influenza, HIGH	Yes	
Dose	Injection Site	Lot Number
0.5 mL	L.ARM	2334654
Expiration Date	11/27/17	
Vaccine Reason	Vaccination Schedule	
Manufacturer	SANOFI PHARM	
Informed Consent	Yes	
Variance Reason		
Associated Event		
Eligibility Funding Status	VFC Eligible - Medicaid	
Eligibility Funding Date	08/29/17	
Vaccine Funding Source	Public VFC	
VIS Given Date	09/28/17	
VIS Publication Date	08/07/15	
Injection Site	Left Arm	
Admin Queries	IV/Injection Site: Left Arm	
Admin History	09/28-1720 Document	

Below the table, there is a summary of changes:

User From: (none) To: Dr. Mabel Avery - RN  
 OLD Components:  
 NEW Components:  
 Influenza, HIGH Yes  
 Informed Consent From: (none) To: Y  
 Eligibility Funding Status From: (none) To: VFC Eligible - Medicaid  
 Eligibility Funding Date From: (none) To: 08/29/17  
 Vaccine Funding Source From: (none) To: Public VFC  
 VIS Given Date From: (none) To: 09/28/17  
 VIS Publication Date From: (none) To: 08/07/15  
 Vaccine Reason From: (none) To: Vaccination Schedule  
 Include in History From: (none) To: Y  
 Manufacturer From: (none) To: SANOFI PHARM

At the bottom of the window, there are buttons for 'Preferences', 'Print', 'Close', and 'Next'. A toolbar at the very bottom includes 'Verify', 'Change Status', 'Copy', 'Edit', 'Credit', 'Renew', 'Link', 'Unlink', 'Find', 'Session Orders', 'Other', 'Print', and 'Recompile'.

On the first page of Pharmacy Print Order, the description of the eligibility funding status and the name of the vaccine funding source displays.

## Print Order

Pharmacy > Pharmacist Desktop > Select Rx > Print > Order

PHA Order - MEDITECH Document Preview

File Help

DATE: 09/28/17 @ 1725 Pharmacy US S5.6.7 PAGE 1  
USER: MT PHA Order

<b>Patient</b> Waters, Abigail	<b>Responsible Doctor</b> Avery, Mabel	
<b>Account Number</b> EC0000016617	<b>Location</b> 2N	<b>Unit Number</b> EC00061253
<b>Age/Sex</b> 7/F	<b>Room</b> 2N	<b>Registration Date</b> 08/29/17
<b>Status</b> ADM IN	<b>Bed</b> B18	<b>Discharge Date</b>

**Rx Number** 00012864  
**Order Type** INP IMMUNIZATION ORDER TYPE  
**Status** Discontinued  
Dose Warning

INFLUENZA - Fluzone Quadrivalent (Influenza Vaccine) 0.5 mL INJ  
(Unable to calculate (No Dose Units))  
(Unable to calculate ML/DAY (Dose Units))  
(Unable to calculate ML/DOSE (Dose Units))

**Dose** 0.5 mL (1 INJECTION)  
**Route of Administration** IM  
**Frequency** .ONCE (ONE)  
**Source** Fax  
**Start Date** 09/28/17-1715 **Stop Date** 09/28/17-1716 **Soft Stop**  
**Discontinued** 09/28/17-1716  
**Inventory** PHA

<b>Eligibility Funding Status</b> VFC Eligible - Medicaid
<b>Vaccine Funding Source</b> Public VFC

**Discontinued Comments** Reached Stop Date

**Order Doctor** Avery, Mabel  
**DEA Num**  
**License Num**  
**Phone**

**Address**  
**Fax**

1/4 106%

In the Administration History Detail of the Print Order, the description of the eligibility funding status, the eligibility funding date, and the name of the vaccine funding source displays. This same information displays for the administration documentation, shown as "Document", in the History Detail section of the Print Order.

## Print Order - Administration History Detail Section

Pharmacy > Pharmacist Desktop > Select Rx > Print > Order

The screenshot shows a window titled "PHA Order - MEDITECH Document Preview" with a menu bar (File, Help) and a toolbar. The main content area displays the following information:

Type: Standard Pediatric Dosing  
 Range: INFLUENZA A (H1N1) MONOVALENT (0)  
 Condition: ALL COMMON INDICATIONS  
 Warnings: INFLUENZA: Unable to check dose ranges for ML/DAY (Dose Units).

**Administration History Detail**

Scheduled	Administered	Given	Dose	User	Scan Rx/Pt	Reason	Filed
09/28 1715	09/28 1717	Yes	0.5 ml	EOBU	No/No		09/28 1720
		Location: 2N		Admin Source: PCS			

Immunization Data  
 Vaccine Reason: Vaccination Schedule  
 Manufacturer: SANOFI PHARM  
 Informed Consent: Y  
 Variance Reason: (none)

Eligibility Funding Status: VFC Eligible - Medicaid  
 Eligibility Funding Date: 08/29/17  
 Vaccine Funding Source: Public VFC

VIS Given Date: 09/28/17  
 VIS Publication Date: 08/07/15

Dose	Units	Inj Site	Lot Number	Exp Date

The bottom of the window shows a page number of 2/4 and a zoom level of 106%.

The description of the eligibility funding status, the eligibility funding date, and the name of the vaccine funding source displays on the Medication Discharge Summary as well.

## Medication Discharge Summary

Pharmacy > Reports > Patient Profiles > Medication Discharge Summary

Medication Discharge Summary Report - MEDITECH Document Preview

DATE: 09/28/17 @ 1759 Pharmacy US SS.6.7  
 USER: MT Medication Discharge Summary Report

09/28/17 Medication Discharge Summary  
 Name Waters, Abigail Unit Num EC00061253 Account Num EC0000016617

ADMINISTRATION PERIOD:	START/STOP	
0600 09/28/17 to 0559 09/29/17 (Continued)		

Fluzone Quadrivalent (Influenza Vaccine) (Fluzone Quadrivalent (Influenza Vaccine) 0.5 m 09/28/17 EDADM 1715 EOBU at 1717 SITE: Left Arm GAVE: 0.5 mL  
 0.5 mL IM .ONCE/ONE 09/28/17 Location: 2N Admin Source: PCS

RX #: 00012864

IMMUNIZATION DATA	EFF DOSE	VIS PUBLICATION DATE
Influenza, HIGH	Y	09/09/17

DOSE	UNITS	INJ SITE	LOT NUMBER	EXP DATE
0.5	mL	L.ARM	2334654	11/27/17

VACCINE REASON Vaccination Schedule  
 MANUFACTURER SANOFI PHARM  
 INFORMED CONSENT Y  
**ELIGIBILITY FUNDING STATUS Not Eligible**  
**ELIGIBILITY FUNDING DATE 08/29/17**  
**VACCINE FUNDING SOURCE Private**  
 VIS GIVEN DATE 09/28/17  
 VIS PUBLICATION DATE 09/07/15  
 VARIANCE REASON  
 ASSOCIATED EVENT

Admin Queries  
 IV/Injection Site: Left Arm  
 09/28/17-1720 by EOBU  
 USER changed from MT to: EOBU  
 MANUFACTURER changed from to SANOFI PHARM  
 INFORMED CONSENT changed from to Y  
 VACCINE REASON changed from  
 VACCINE REASON changed to Vaccination Schedule  
 ELIGIBILITY FUNDING STATUS changed from  
 ELIGIBILITY FUNDING STATUS changed to VFC Eligible - Medicaid  
 ELIGIBILITY FUNDING DATE changed from (none) to 08/29/17  
 VACCINE FUNDING SOURCE changed from to Public VFC  
 VIS GIVEN DATE changed from (none) to 09/28/17

7/9 100%

The description of the eligibility funding status, the eligibility funding date, and the name of the vaccine funding source also display on the eMAR Administration report.

## eMAR Administration Report

Pharmacy > Reports > eMAR > eMAR Administration Report

eMAR Administration Report - MEDITECH Document Preview

File Help

Run Date 09/28/17 Pharmacy US SS.6.7  
 Run Time 1801 eMAR Administration Report  
 Run User MT

Date 09/28/17

Patient Waters, Abigail Responsible Doctor Avery, Mabel  
 Account Number EC0000016617 Location 2N Unit Number EC00061253  
 Age/Sex 7/F Room 2N Registered Date 09/29/17  
 Status ADM IN Bed 318 Discharged Date

Rx Num	Medication	Start/Stop	Sch Date-Time	Bag Admin Type	Admin Date-Time	Filed Date-Time	User	Given/Scan Rx/Pt	Admin Dose	Reason Code	Site	Variance (Minimum)	Actual	Limit	Exc
00012864	Fluzone Quadrivalent (Influenza Vaccine) (Fluzone Quadrivalent (Influenza Vaccine))	(0.5 mL) 09/28/17 09/28/17	09/28/17-1715 09/28/17	ONE	ONE	09/28/17-1717 09/28/17-1720	EOBU	Y/N/N 0.5 mL			Left Arm	2	60		
Ordering Doctor Avery, Mabel Dose 0.5 mL IM .ONCE *** Discontinued 09/28/17-1716 *** DC Comments: Reached Stop Date Edit Document: 09/28/17-1742 by MT IMMUNIZATION DATA Admin Queries: IV/Injection Site: Left Arm Eligibility Funding Status changed from: VFC Eligible - Medicaid to: Not Eligible Vaccine Funding Source changed from: Public VFC to: Private COMPONENT EFF DOSE VIS PUBLICATION DATE Influenza, HIGH Y 03/09/17 DOSE UNITS INJ SITE LOT NUMBER EXP DATE 0.5 mL L.ARM 2334654 11/27/17 VACCINE REASON Vaccination Schedule MANUFACTURER SANOFI PHARM INFORMED CONSENT Y VARIANCE REASON ASSOCIATED EVENT ELIGIBILITY FUNDING STATUS Not Eligible ELIGIBILITY FUNDING DATE 09/29/17 VACCINE FUNDING SOURCE Private VIS GIVEN DATE 09/28/17 VIS PUBLICATION DATE 09/07/15 Mnemonic Name EOBU Dr. Mabel Avery															

6/6 100%

## Record Event

Using the Record Event functionality, upon entering the immunization order in Pharmacy, fill out all the required fields on the Immunization Event tab of the order and navigate to the Detail tab. On the Detail tab, the Eligibility Funding Status, Eligibility Funding Date, and Vaccine Funding Source fields are all available to be entered.

Pharmacist Desktop - CEC/MAIN (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech

**Waters, Abigail** EC0000016617 3 ft 11.64 in 121 cm BSA: 0.87 m2  
7/F 07/18/2010 EC00061253 49 lb 5 oz 22.368 kg BMI: 15.3 kg/m2  
2N 2N-B18 Allergy: No Known Allergies

Immunization Event Detail **Screening Results** Queries Interactions Provider

Eligibility Funding Status: V02  
Eligibility Funding Date: 08/29/17  
Vaccine Funding Source: Public VFC

Paid: Y  
\*Charge Type: NC  
\*Charge: 0.00  
Amount:  
Additional Fees:

Associated Event:

Event Comments:

Cancel Save ? [Icons]

Similar to the Ordering Screen functionality, rule logic in the background calculates the eligibility funding status. The eligibility funding status code that is predefined in the MIS FinancialClass Value Set, defaults into this field, but may be edited if needed. If you would like to see the description of the eligibility funding status, you may perform a lookup in the field. A value in the Eligibility Funding Date field defaults in from the Elig Date field in Admissions. The Vaccine Funding Source field can then be defined by performing a lookup to the MIS Vaccine Funding Source Dictionary.

Once the administration is filed, an outbound message is sent to the registry. If any of the values need to be edited for the immunization order, they can be by pulling up this order in the Edit Orders routine. Upon filing, a new outbound message will generate with the edits.

## Pharmacy Reports

The vaccine funding and eligibility information can be viewed on the Rx Audit, Print Order, Medication Discharge Summary, and eMAR Administration report in Pharmacy. The Rx Audit, Print Order, Medication Discharge Summary, and eMAR Administration report show the same information for the Record Event functionality as shown in the Ordering Screen section of this document. Additionally, the Rx Audit shows the eligibility funding date in the Elig Funding Date field in the Order Detail section of the Rx Audit, shown below.

### Rx Audit - Order Detail Section

Pharmacy > Pharmacist Desktop > Select Rx > Rx Audit

The screenshot displays the 'Rx Audit' window in the Pharmacist Desktop application. The main section is titled 'Order Detail' and contains the following information:

Field	Value	Field	Value
Start Date	09/27/17-1530	Stop Date	09/27/17-1531
Discontinued On	09/27/17-1531	Discontinued By	PHABKGJOB
Order Type	IMM		
Order Source	Fax		
Inventory	PHA		
Dispense Size	1 INJECTION PER DOSE		
PHA Site	MAIN		
Charge Type	NC	Forms Dispensed	1
Total Charges	\$0	Total Costs	\$1.52
Elig Funding Status	VFC Eligible - Medicaid	Vac Funding Source	Public VFC
Elig Funding Date	08/29/17		

Below the 'Order Detail' section, there are expandable sections for 'Comments/Instructions', 'Dose Warning', 'Override Comment', 'Conflict', and 'Rules'. At the bottom, there is an 'Administration' table and a 'Billing' section.

Administration	Schedule	Given	Dose	User	Scan Rx/Pt	Reason	Doses	Items	Inf
+	09/27-1530	09/27-1530	Yes	0.5 mL	EOBU	N/N	1	1	
<b>Totals</b>							1	1	

The 'Billing' section includes columns for Service, Charge, Source, Inventory, Items, Charge, and Payment. At the bottom of the window, there are buttons for 'Preferences', 'Print', 'Close', and 'Next'.

## Edits to the Eligibility Funding Status, Date, or Vaccine Funding Source

If the eligibility funding status, date, or vaccine funding source are edited in PCS, the edits file back to Pharmacy when utilizing the Ordering Screen functionality. The eligibility funding status, date, and vaccine funding source may also be edited directed on the PHA order if utilizing the Record Event functionality only.

The edits show as order edits and display as such on the Rx Audit, Print Order, Medication Discharge Summary, and eMAR Administration Report. Below is an example of how the edit displays on the Rx Audit.

### Rx Audit - Full Audit Section

Pharmacy > Pharmacist Desktop > Select Rx > Rx Audit

The screenshot shows the 'Rx Audit' window in the Pharmacist Desktop application. The 'Full Audit' section is expanded, showing a list of activities. A red box highlights an edit made by Mabel Avery on 09/28/17-1742. The edit details are as follows:

Activity Type	User
09/28/17-1715 ENTER	MediTech, Joseph
Items Dispensed: 1 Doses Dispensed: 1	
For: 09/28/17 - 1715	
09/28/17-1716 DISCONTINUE	PHABKGJOB
Eff: 09/28/17-1716	
FROM:	
DC COMMENTS:	
TO:	
DC COMMENTS:	
Reached Stop Date	
09/28/17-1742 EDIT	Avery, Mabel
FROM:	
ELIGIBILITY FUNDING STATUS: VFC Eligible - Medicaid	
TO:	
ELIGIBILITY FUNDING STATUS: Not Eligible	
FROM:	
VACCINE FUNDING SOURCE: Public VFC	
TO:	
VACCINE FUNDING SOURCE: Private	

## Build

- Build the value set for the vaccine funding source in the MIS Value Set (Enhanced) Dictionary.
- Build the vaccine funding sources in the MIS Vaccine Funding Source Dictionary.
- Map the vaccine funding sources in the MIS Vaccine Funding Source Dictionary to the sources in the value set in the Outbound Dictionary Map Dictionary.
- Build the value set for the eligibility funding status in the MIS Value Set Dictionary.
- Attach the eligibility funding status value set in the MIS Toolbox Parameters. (Note: This is set by your IOP support specialist)
- Map financial classes to the eligibility funding statuses in the MIS Dictionary Map Dictionary.
- Build the keyword for the Pharmacy rule in the Pharmacy Keyword Dictionary.
- Build the rule in the Pharmacy Rule Dictionary.
- Attach the rule in the Pharmacy Customer-Defined Parameters.
- Define any default vaccine funding sources in the PHA Drug Dictionary.

Please note that the necessary Value Set mapping makes use of both the standard and Enhanced Value Set mapping dictionaries and routines. Unless the build instructions specifically state "Enhanced", please use the standard Value Set mapping dictionaries and routines.

In the Value Set (Enhanced) Dictionary, import the vaccine funding source value set codes, or create your own.

## MIS Value Set (Enhanced) Dictionary

MIS > Communications > Interface Value Set Mapping > MIS Value Set Mapping (Enhanced) > Value Set > Enter/Edit

Version	Version Date
1	09/08/17

Code	*Description	*Code System	*Code Source
PHC70	Private Funds	CDCPHINVS	Custom
VXC50	Public	CDCPHINVS	Custom
VXC51	Public VFC	CDCPHINVS	Custom
VXC52	Public non-VFC	CDCPHINVS	Custom

- **Value Set Group:** Perform a lookup to define this field as “PHVS”.
- **Mnemonic:** Perform a lookup to define this field as “FundingSource”.
- **Version:** Select the New Version footer button to create version 1.
- **Code:** Enter the code for this value set to be sent in the outbound message (component 1).
- **Description:** Enter the description for the value set code to be sent in the outbound message (component 2).
- **Code System:** Define the code system for this value set. e.g., “CDCPHINVS” (component 3).
- **Code Source:** If the value set codes are imported, then “Imported” defaults in. Otherwise, define “Custom”.

Note: The [CDC PHIN VADS page for Immunization Funding Source](#) may assist in building the funding sources. The value set can also be downloaded and imported using the import button on the bottom of the screen. For additional information about value set mapping, please contact your IOP support specialist.

In the Funding Source Dictionary, define all the applicable vaccine funding sources.

## MIS Funding Source Dictionary

MIS > Clinical Dictionaries (F-O) > Immunizations > MIS Vaccine Funding Source > Enter/Edit

Enter/Edit MIS Vaccine Funding Source Dictionary (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech

**FEDERAL - Federal Funding Source** Last Edit: 08/10/17 11:20

Mnemonic: FEDERAL

\*Active: Y

\*Name: Federal Funding Source

Cancel Save ? [Refresh] [Print] [Help]

Note: This dictionary can also be accessed in Pharmacy using the following pathway: PHA > Dictionaries > Shared MIS > Immunization Menu > MIS Vaccine Funding Source > Enter/Edit.



In the Value Set Dictionary, import the eligibility funding status value set codes, or create your own.

## MIS Value Set Dictionary

MIS > Communications > Interface Value Set Mapping > MIS Value Set Mapping > Value Set > Enter/Edit

Code	*Description	Source
V01	Not Eligible	Custom
V02	Eligible - Medicaid	Custom
V03	Eligible - Uninsured	Custom
V04	Eligible - American Indian/Alaskan Native	Custom
V05	Eligible - Federally Qualified	Custom
V06	Eligible - State	Custom
V07	Eligible - Local	Custom
V08	Not Eligible - Underinsured	Custom

- **Code System:** Perform a lookup to define this field with “PHVS”.
- **Value Set:** Perform a lookup to define this field with “FinancialClass”.
- **Base Set Identifier:** Define the code system for this value set. e.g., “HL70064” (component 3).
- **Base Set Description:** Define a description for the code system of this value set.
- **Superset Identifier:** This field may remain blank.
- **Superset Descriptions:** This field may remain blank.
- **Superset Code:** This field may remain blank.
- **Code:** Define the codes for this value set that are sent in the outbound message (component 1).
- **Description:** Define descriptions for each code that are sent in the outbound message (component 2).
- **Source:** If the value set codes are imported, then “Imported” defaults in. Otherwise, “Custom” will default in.

Note: The [CDC PHIN VADS page for the Financial Class Value Set](#) may assist in building the eligibility statuses.

Once the FinancialClass value set is built it needs to be defined in the MIS Toolbox Parameters for the Eligibility Funding Status. Please contact your IOP or PHA support specialist to set this with proper Change Control.

## MIS Toolbox Parameters

*Pathway not accessible by customers*

Enter/Edit MIS Parameters (MTUNV56/D5.67/S5.6.7) - MEDITOOL

General 1 | General 2 | General 3 | Financial 1 | Financial 2 | Clinical 1 | Clinical 2 | Clinical 3 | Clinical 3A | Clinical 4 | Dose Wts | Administrative | Nomenclature | External | Immunization | B/AR | PHM/Web | ITI Interfaces

Allow Recording of Immunization Events: Y  
Enable Immunizations for MPM: Y

Evidence of Immunity Code System	Value Set	PHVS	Evidence
Contraindication Code System	Value Set	PHVS	Contraindicatio
Refusal Code System	Value Set	PHVS	RefusalReason
Eligibility Status Code System	Value Set	PHVS	FinancialClass

Query Based Immunization Mappings

Series: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_  
Lot Number: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_  
Administration Site: \_\_\_\_\_

VIS Given Date: \_\_\_\_\_  
Vaccine Funding Eligibility Status: \_\_\_\_\_  
Vaccine Funding Eligibility Date: \_\_\_\_\_  
Vaccine to Financial Class Map: \_\_\_\_\_

Close Save ? [Icons]

In the MIS Dictionary Map Dictionary, map the financial class to the appropriate value set code. For example, a patient with a Medicaid financial class may have an eligibility funding status value set code of V02 (Eligible - Medicaid). This map is referenced in the rule logic explained later in the Build section of this document.

## MIS Dictionary Map Dictionary

MIS > Communications > Interface Value Set Mapping > MIS Value Set Mapping > Mapping > Enter/Edit Dictionary Map

Enter/Edit Dictionary Map (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech

Mnemonic: INS TYPE MIS.FIN.CLASS  
Database: MIS

Active: Y  
Description:

Code System: CDA Value Sets (PHVS selected)  
Description: PHIN Value Set

Value Set	Description	Default Code	Description
FinancialClass	Financial class		

Entry	* Code
BC	V01
MA	V02
MCRA	V02
MC LTC	V02

Entry Description: BLUE CROSS  
Code Description: Not Eligible

Buttons: Cancel, Save, ?

- **Mnemonic:** Perform a lookup to define this field as “INS TYPE”.
- **Code System:** Perform a lookup to define this field as “PHVS”.
- **Value Set:** Perform a lookup to the MIS Value Set Dictionary to define “FinancialClass”.
- **Entry:** Perform a lookup into the MIS Financial Class Dictionary to determine which classes should be mapped.
- **Code:** Perform a lookup into the codes defined for the FinancialClass value set to determine what code to map to the financial class.

In the Pharmacy Keyword Dictionary, build the keyword as defined below. The logic in this keyword looks to the patient's age, race, and financial class all defined in Admissions during the registration process. First, the logic looks to the age and if the patient's age is 18 years or older, an eligibility status code of "V01" is used. Second, if the patient's race is defined using the mnemonics of "AI" for American Indian or "AN" for Alaskan Native, a code of "V04" is used. *Please note, if your organization utilizes different race mnemonics for American Indian or Alaskan Native you will need to replace "AI" and "AN" in the keyword logic with the mnemonics you are using.* Third, the keyword logic looks to the patient's financial class. Based on the mapping you defined in the MIS Dictionary Map Dictionary above, the logic will use that code. For example, above it shows BC being mapped to V01; therefore if BC is defined as the patient's financial class, the patient is under 18 years of age, and does not have a race of American Indian or Alaskan Native, than V01 is the code used for the eligibility funding status.

## Pharmacy Keyword Dictionary

Pharmacy > Dictionaries > Supporting > Keyword > Enter/Edit

The screenshot shows a software window titled "Enter/Edit PHA Keyword Dictionary (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech". The main content area is titled "z.elig.status - VFC Eligibility Status Calculation" with a "Last Edit: 08/09/17 11:35" timestamp.

The configuration fields are as follows:

- Function:** RX
- Name:** RX
- Mnemonic:** z.elig.status
- \*Active:** Y
- \*Name:** VFC Eligibility Status Calculation
- Assign to Group:** Z
- Number of Arguments:** (blank)
- \*Execute At Translation:** N

Below these fields is a table for "Special Flag" and "Value", which is currently empty. At the bottom is a "Code" field containing the following logic:

```
@ADM.PAT.race^RACE,
@ADM.PAT.financial.class^FCLS,
@ADM.PAT.current.age^CAGE,
"INS TYPE"^MIS.X.DICT.MAP.mnemonic,
"MIS"^MIS.X.DICT.MAP.database,
@MIS.PARAM.elig.status.code.system^MIS.X.DICT.MAP.system,
@MIS.PARAM.elig.status.value.set^MIS.X.DICT.MAP.set,
;
IF{ (CAGE?0N) & (CAGE>18) "V01";
("AI"=RACE) ! ("AN"=RACE) "V04";
@MIS.X.DICT.MAP.code[FCLS];
```

At the bottom right of the window are buttons for "Cancel", "Save", and several utility icons.

- **Function:** Define as "RX"
- **Mnemonic:** Enter a mnemonic for this keyword. It is suggested the mnemonic starts with "z."
- **Name:** Enter a name for this keyword
- **Number of Arguments:** Leave this field blank
- **Execute at Translation:** Set this field to "N"
- **Code:** Define this field with the following:

```
@ADM.PAT.race^RACE,  
@ADM.PAT.financial.class^FCLS,  
@ADM.PAT.current.age^CAGE,  
"INS TYPE"^MIS.X.DICT.MAP.mnemonic,  
"MIS"^MIS.X.DICT.MAP.database,  
@MIS.PARAM.elig.status.code.system^MIS.X.DICT.MAP.system,  
@MIS.PARAM.elig.status.value.set^MIS.X.DICT.MAP.set,  
;  
IF{(CAGE?0N)&(CAGE>18) "V01";  
("AI"=RACE)!("AN"=RACE) "V04";  
@MIS.X.DICT.MAP.code[FCLS];  
""}
```

In the Pharmacy Rule Dictionary, build the rule as shown below.

## Pharmacy Rule Dictionary

Pharmacy > Dictionaries > Supporting > Rule > Enter/Edit > Entry Screen tab

The screenshot shows a web application window titled "Enter/Edit PHA Rule Dictionary (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech". The main content area is titled "IMM.ELIG - Imm Eligibility Status" with a "Last Edit: 07/20/17 13:41" timestamp. At the top, there are navigation buttons: "Entry Screen", "Description", "Shortcut", "Editor", and "InfoButton". The form contains several input fields and dropdown menus:

- Mnemonic: IMM.ELIG
- \*Active: Y (dropdown menu)
- \*Name: Imm Eligibility Status
- \*Data Fields From: RX
- \*Enable For: PHA
- Evaluate At: MED
- Record on Audit: (empty field)
- Ignore Renew Stop: (empty field)
- Rule: [z.elig.status];

At the bottom right, there are buttons for "Cancel", "Save", and several utility icons (help, refresh, print, etc.).

- **Mnemonic:** Define a mnemonic for this rule
- **Name:** Define a name for this rule
- **Data Fields From:** Define this field as "RX"
- **Enable For:** Define this field as "PHA"
- **Evaluate At:** Define this field as "MED"

On the Editor tab, define the rule logic. If you did not utilize the same keyword mnemonic, replace “z.elig.status” with the keyword mnemonic you defined in the above build.

## Pharmacy Rule Dictionary

Pharmacy > Dictionaries > Supporting > Rule > Enter/Edit > Editor tab

Enter/Edit PHA Rule Dictionary (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech

**IMM.ELIG - Imm Eligibility Status** Last Edit: 07/20/17 13:41

Entry Screen Description Shortcut Editor InfoButton

Type

1 NPR

2

3

If Value

Associated Data

Comparison

Value

Associated Data

Outcome

Associated Data

Link

Button

Message

NPR

[z.elig.status];

Cancel Save ? ? ? ? ? ?

- **Type:** Enter “NPR”
- **NPR:** Define this field with the following:  
[z.elig.status];

Define the rule mnemonic you created above in the Pharmacy Customer-Defined Parameters, in the “Eligibility Status Rule” field.

## Pharmacy Customer-Defined Parameters

Pharmacy > Dictionaries > Customer-Defined Parameters > Enter/Edit > Immunizations tab

Enter/Edit PHA Customer-Defined Parameters Dictionary (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech

CDP - Customer-Defined Parameters Last Edit: 09/07/17 17:03

Defaults Rules Auto Stop PCS/POM Site Site 2 Lab **Immunizations**

Default Order Type	IMM
Eligibility Status Rule	IMM.ELIG
CM Default Ordering Doctor	
Allow Edits for Hours	48

Check Interactions for Not Given

Restrict Free Text Entries For

Lot Number

Immunization Conflicts

	Check	Require Override
Immunization	<input type="text" value="Y"/>	<input type="text" value="Y"/>
Immunization Schedule	<input type="text" value="Y"/>	<input type="text" value="Y"/>

AEI Submission Status

Cancel Save ? [Icons]

If there is a vaccine funding source that is applicable to all vaccines for all children, it can be defined in the Pharmacy Drug Dictionary. If defined here, it defaults on to the Pharmacy order. The vaccine funding source can also be defined per site.

## Pharmacy Drug Dictionary

Pharmacy > Dictionaries > Drug > Enter/Edit > Site tab > Miscellaneous tab

Enter/Edit PHA Drug Dictionary (MTUNV56/D5.67/S5.6.7) - Joseph J Meditech

**Hep B Peds - ENGERIX-B PEDIATRIC/ADOLESCENT**  
ENGERIX-B PEDIATRIC/ADOLESCENT 10 MCG/0.5 ML VIAL

Dispensing | Ordering | Rules/Immunizations | Ingredients | Interactions | Dose Checks  
**Site** | Inventory | Purchasing | PCS/POM | Customer-Defined Screen | Strings / POM Site

PHA Site  
.DFT | DEFAULT

Defaults | Order Types | Workload | Comments | Instructions | **Miscellaneous** | Lab | Renew

*Charge Patient	N
*Allow Order For	B
Restricted Medication	N
Fill Labels	Y
Dose Labels	N

Inpatient Order Expiration  
Days: \_\_\_\_\_  
Hours: \_\_\_\_\_  
Date: \_\_\_\_\_

Vaccine Funding Source: **Public**

Cancel Save ? [Icons]

## **MEDITECH Output Formats**

- Pharmacy Rx Audit
- Pharmacy Print Order
- Medication Discharge Summary Report
- eMAR Administration Report

## **Supporting Documentation**

KB 49019: Immunization Documentation Resource Center

<https://www.meditech.com/kb/custform.asp?urn=49019>

Immunization Registry Reporting - ARRA Meaningful Use Stage 3 Best Practice

<https://customer.meditech.com/en/d/bestpractices/pages/bp17docsandreportsobjcs.htm>

Immunization Registry Reporting - ARRA Meaningful Use Stage 2 Best Practice

<https://customer.meditech.com/en/d/bestpractices/pages/bp15docsandreportsobjcs.htm>

## **Questions**

Please contact your MEDITECH Pharmacy support specialist.