



What's New with ShowMeVax

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Overview

- Latest Figures
- ShowMeVax Web application updates
 - No DCN Creation
 - VFC Online Ordering
 - Data Warehouse Report Training
- Interoperability with EHR/EMR
 - Data Quality
 - Scheduler Overhaul
 - LPHA Incentive Funds
- Reminder Recalls
- Upcoming Schedule Changes

Latest Figures

- Bi-directional HL7 messaging - 10 provider organizations
- Uni-directional HL7 messaging – 423 organizations / 2,994 facilities

○ Immunizations

- 2015 - 3.3 M / Total 39.2 M

○ Clients

- 2015 - 402,467/ Total 4.5 M

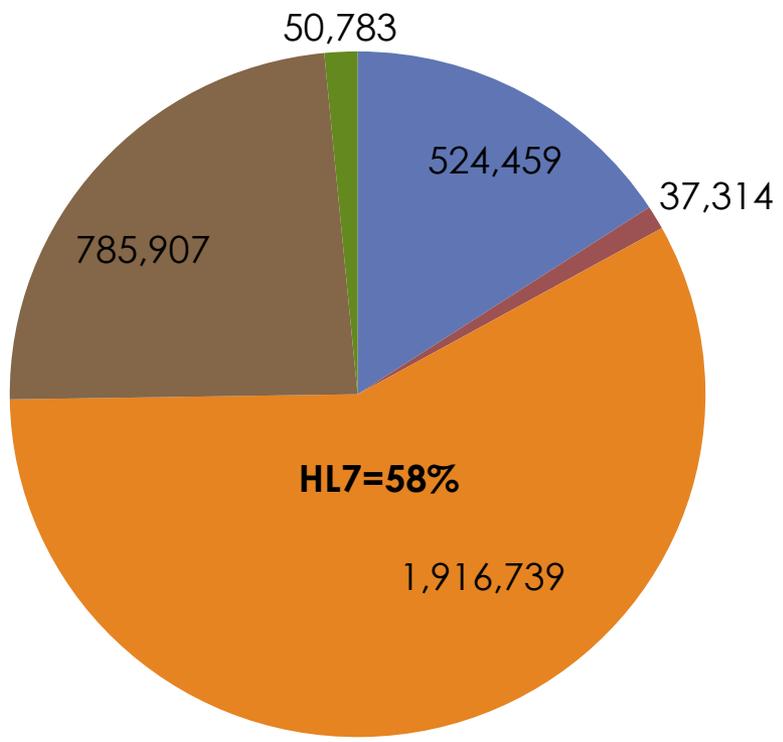
○ Vaccine Ordering System

- 537 of 650 providers (83%)
- Placed 4,824 orders
- Received 768,133 doses

2014 Users and Facilities

Role Name	Orgs.	Users
Health Care Entry & Lookup	627	1986
Health Care Lookup	242	687
School & Day Care Lookup	519	1536
Health Care VFC Ordering	446	609
HL7 Entry	423	

Major ShowMeVax Data Sources



■ DSS MEDICAID ■ EDI ■ HL7 ■ SHOWMEVAX ■ VITAL RECORDS LOAD

Web Application Updates

- Client search / DCN

Client Search | My Recent Clients | My Location Recent Clients

Client Search Instructions

Person Name (Minimum Required Fields: Either Clients Last and First Name or Mothers Maiden Name and Date of Birth)

Last Name : First Name :

Gender : Date of Birth : Mon Day Year

Mother's Maiden Name : Search Type :

Person Identifier (Minimum Required Fields: Either Client's DCN or SSN or Client Id)

DCN : SSN :

Client Id :

Search Result: 2 Records Found Records Per Page:

Client Name	Gender	Date of Bir	SSN	DCN
DEAC LOVE MICHONNE	FEMALE	07/23/2013		64529795
DUKE LAYLA RENEA	FEMALE	09/16/2013		64577116

Vaccine Ordering System (VFC/317 Only)

- Temperature Logs
- Wastage and Returns

BIG CITY PEDIATRICS

Acct Id: 100000356983
VFC PIN:

Storage Unit: VFC
Month/Year: August 2015

Temperature Log Form Instructions

Temperature Range not less than 35 degrees to 46 degrees F (Optimum Temperature 40 - 42 degrees F)

Temperature Log Entries: 31

Records Per Page: 35

Page 1 of 1

Day	Status	UOM	Time: AM	Initials	Temp	In Range	Time: PM	Initials	Temp	In Range	Comments
1		F	8:30	TEST	42	Y	4:00	TEST	45	Y	
2		F	8:30	TEST	40	Y	4:30	TEST	45	Y	
3	Closed	F									
4	Closed	F									
5		F	8:45	TEST	32	N	4:45	TEST	45	Y	checked temps within 15 mins temps back to normal
6		F	8:30	TEST	40	Y	4:30	TEST	44	Y	
7		F	9:00	TEST	40	Y	4:30	TEST	43	Y	
8		F	8:00	TEST	42	Y	4:30	TEST	45	Y	
9	Closed	F									
10	Closed	F									
11	Closed	F									
12	Power Outage	F									
13	Power Outage	F									
14	Out of Service	F									
15	Out of Service	F									
16	Out of Service	F									
17	Out of Service	F									
18	Out of Service	F									
19	Out of Service	F									
20	Out of Service	F									
21	Out of Service	F									
22	Out of Service	F									
23	Out of Service	F									
24	Out of Service	F									
25	Out of Service	F									
26	New Unit	F	8:30	TEST	40	Y	4:30	TEST	38	Y	
27	New Unit	F	8:15	TEST	42	Y	4:15	TEST	37	Y	
28	New Unit	F	8:20	TEST	42	Y	4:15	TEST	37	Y	
29	New Unit	F	8:30	TEST	43	Y	4:45	TEST	42	Y	
30	New Unit	F	8:00	TEST	43	Y	4:20	TEST	42	Y	
31	New Unit	F	8:00	TEST	43	Y	4:10	TEST	43	Y	

OK

Cancel

Reports Training

Missouri Department of Health & Senior Services

Jay Nixon, Governor
Peter Lyskowski, Acting Director

Healthy
Living

Senior &
Disability Services

Licensing &
Regulations

Disaster &
Emergency Planning

Data &
Statistics

Online
Services

ShowMeVax University

[Home](#) » [Healthy Living](#) » [Wellness & Prevention](#) » [Immunizations](#) » [ShowMeVax University](#)

Training Module One: ShowMeVax Login and Homepage

This module instructs users on how to properly login and how to navigate through the homepage.

Training Module Two: ShowMeVax Client Search and Registration

This module instructs users on how to effectively search for a client and register the individual.

Training Module Three: Vaccine Inventory

This module instructs users how to manage a facility's vaccine inventory.

Training Module Four: Immunizations

This module will instruct users on how to view a client's immunization schedule; enter new and historical client immunization information; edit and print client immunization records and add immunization related medical alerts.

Training Module Five: VFC Vaccine Ordering System

This module is for Vaccines for Children providers only. It will instruct them on how to complete and submit their monthly accountability reports and order vaccine online.

Training Module Six: Data Warehouse Reports

This module instructs authorized users on how to properly create and print reports for their facilities.

Healthy Living

[Environmental Factors](#)

[Chronic Diseases](#)

[Communicable Diseases](#)

[Healthy Families](#)

[Organ/Tissue Donation and Registry](#)

[Women, Infants & Children \(WIC\)](#)

[Genetic Disease & Early Childhood](#)

[Food Programs](#)

[Wellness & Prevention](#)

[Local Public Health Agencies](#)

[Immunizations](#)

Related Links

[ShowMeVax](#)

[Vaccines for Children - Information for Providers](#)



Portal Menu > Reports > ShowMeVax Provider

Move Document Copy Document Delete Document

ShowMeVax Provider		Show Filter	Total Record Count: 10
Title	▲ Format		<input type="checkbox"/>
04 Vaccine Tally Sheet Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
06 Reminder Recall by Admin Provider NEW Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
06a Reminder Recall by Admin Provider - Labels NEW Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
Report 100 - Doses Administered by Inventory Site, Vaccine Name, Trade Name, and Age Group Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
Report 101 - Doses Administered by Vaccine Name and Age group - historical shots Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
Report 102 - Doses Administered by Vaccine Name and Age group - from HL7 only Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
Report 93 - Client Listing by Provider Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
Report 94a - Immunization data by Vaccine Series Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
Report 95a - Immunization data by Vaccine Type Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>
Report 96 - Summary of Vaccine Coverage By Age Group Instance Count: 0	CrystalReport Details	Actions	<input type="checkbox"/>

Centralized Reminder Recall Postcards

- Generate list of clients of specified age (around 17-35 months)
- Determine clients not complete but only one dose from 4:3:1:3:3:1:4 series
- Remove duplicate doses, remove deceased and bad addresses
- Mail postcards

Postcard Sample

Inside



Dear parent/guardian:

Records show that your child may have missed a vaccine shot.

Please contact your child's doctor or health clinic to find out if you need to schedule an appointment.

This postcard is being sent by your child's health plan, health clinic, or health department.

Financial support for this communication has been provided by Pfizer Inc. No patient-specific information has been or will be provided to Pfizer.

Estimado padre o tutor:

Los registros muestran que posiblemente su hijo no haya recibido una vacuna.

Por favor, contacte al centro de salud de su hijo para averiguar si debe programar una cita.

Este postal le envía el plan de salud o centro de salud de su hijo, o el departamento de salud.

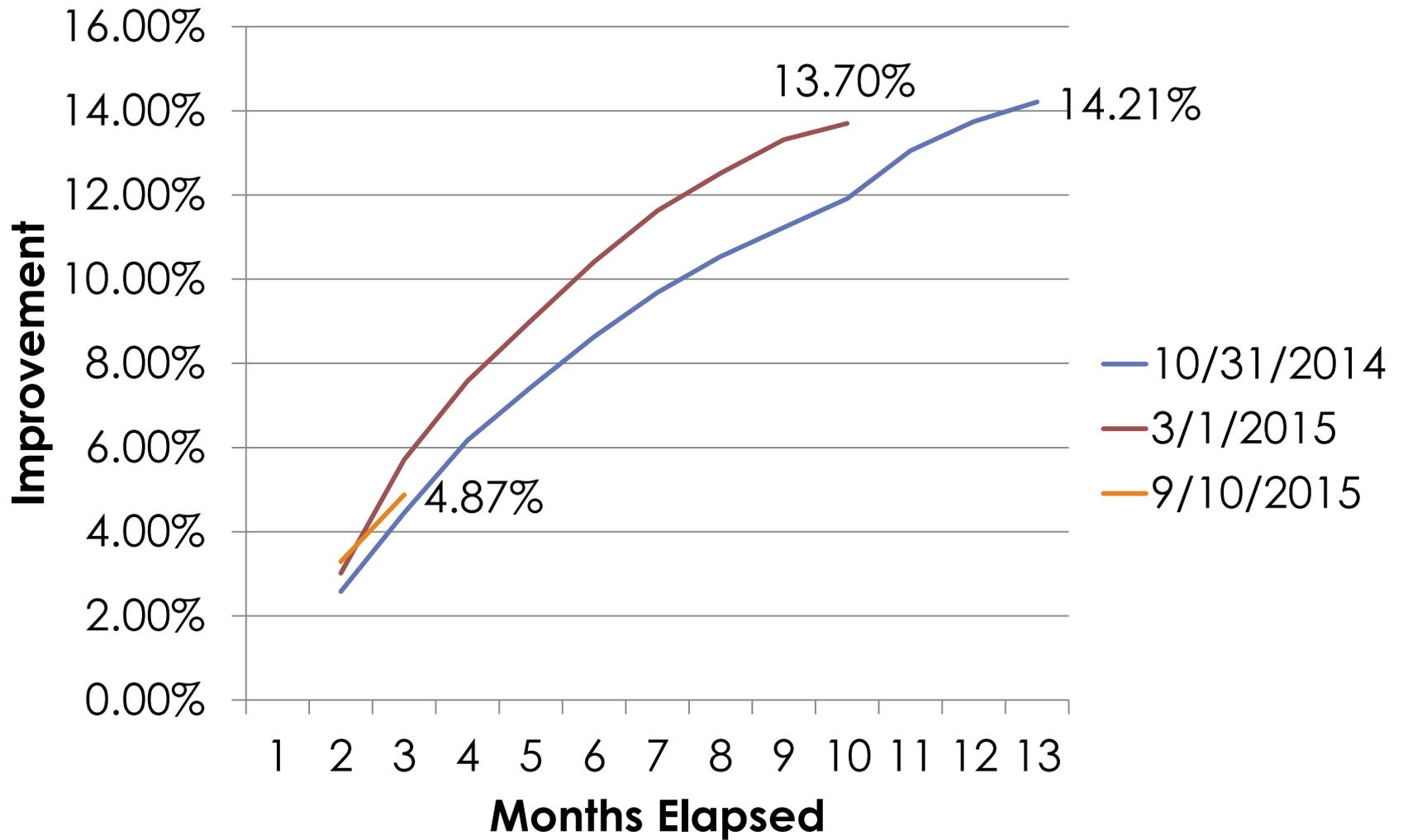
Pfizer Inc proporcionó ayuda financiera para este comunicado. No se dio ni se dará información específica del paciente a Pfizer.

Back



"Dear parent/guardian, Records show that your child may have missed a vaccine shot. Please contact your child's doctor or health clinic to find out if you need to schedule an appointment."

Results

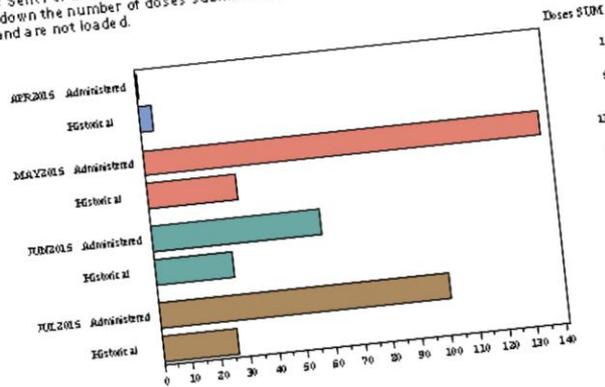


Data Validation Summary Reports

Interoperability Report WESTERN MISSOURI MEDICAL CENTER Q 2 2015 to Q 3 2015 HL7 Version: 251 Environment: VAL

Prepared by The Missouri Department of Health & Senior Services
Bureau of Immunization Assessment and Assurance

1) Doses Sent Per Month: breaks down the number of doses submitted by month and type. This includes doses that rest errors and are not loaded.



2) Patient Resolution: provides the percent and count of what is done with submitted patient records. To reduce the number of records which must be reviewed manually by DHSS staff please send more patient data elements.

Patient Resolution	Y2015_M04		Y2015_M05		Y2015_M06		Y2015
	N	%	N	%	N	%	N
6) Patient would have been processed if sent to PROD	6	100.00	111	80.43	55	78.57	79
7) MISSING REQUIRED DATA FOR CREATING A PARTY			27	19.57	15	21.43	20

3) Patient Demographic Data Elements Complete: provides the percent of fields which are not empty. Increased patient data completeness increases the likelihood of patient matches and reduces patient duplication.

	Y2015_M04	Y2015_M05	Y2015_M06	Y2015_M07
PID-10 Race	100.0%	100.0%	100.0%	100.0%
PID-5 First Name (R)	100.0%	100.0%	100.0%	100.0%
PID-5 Last Name (R)	100.0%	65.94%	51.43%	47.47%
PID-5 Middle Name	33.33%	23.19%	8.57%	19.19%
PID-6 Mother's Maiden Name	100.0%	100.0%	100.0%	100.0%
PID-8 Sex (R)	100.0%	100.0%	100.0%	100.0%
PID-7 Birth Date (R)	100.0%	100.0%	100.0%	100.0%
PID-22 Ethnicity	0.00%	0.00%	0.00%	0.00%
PID-11 Mailing Address	100.0%	97.83%	100.0%	91.92%
PID-11 Home Address	0.00%	0.00%	0.00%	0.00%
PID-11 Primary Address	0.00%	0.00%	0.00%	0.00%
PID-11 Business Address	0.00%	0.00%	0.00%	0.00%
PID-13 Phone Number	0.00%	0.00%	0.00%	0.00%
PID-13 Email	33.33%	56.52%	64.29%	56.57%
NK1-1 Next of Kin				
PID-3 Patient Medical Number (DCN)				
PID-3 Social Security number			0.00%	0.00%
PID-3 Patient Internal Identifier	0.00%	0.00%	0.00%	0.00%
PID-29 Date of death	33.33%	5.07%	3.86%	22.22%
PID-30 Death Indicator	0.00%	0.00%	0.00%	0.00%
PID-24 Multiple Birth Indicator	100.0%	100.0%	100.0%	100.0%
PID-25 Birth order				
PV1-20 VFC Eligibility at Visit Level / Financial Class				

Upcoming Schedule Changes

- Menhibrix
- Meningococcal/Menvo
- Live virus vaccine spacing for same vaccine family 24 days
- Hepatitis B 3 day grace period for 3rd dose
- Hepatitis A spacing at six months
- Double discount for live virus vaccines

2016 & 2017 Work

- Query/Response (lookup) for patient immunization history EHR/EMR Interoperability for 2.5.1
- Scheduler Overhaul
- Forecasting with EHR/EMR interfaces
- ShowMeVax-AFIX Integration

Scheduler Overhaul (CDSi)

- Clinical Decision Support for Immunization (CDSi)
 - Evaluation and forecasting
 - Recommendations are developed by the Advisory Committee on Immunization Practices (ACIP)
 - CDSi Logic Specification provides a single, authoritative, implementation-neutral foundation for development and maintenance of CDS engines.
 - Will allow ShowMeVax to be more accurate and up-to-date

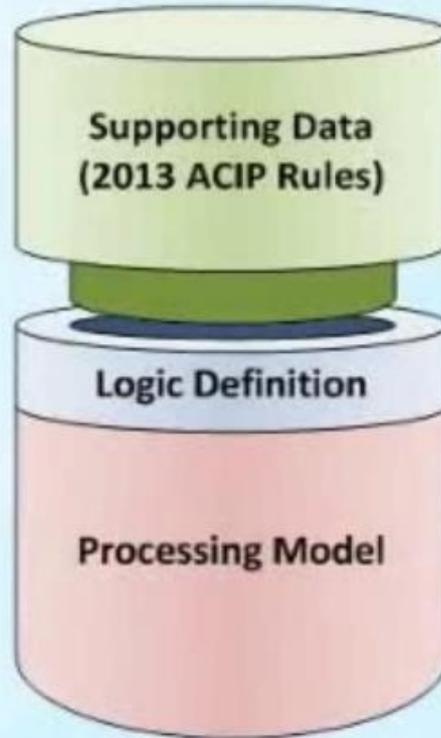
Current Scheduler Update

- On-gong: Providers and SMV staff note issues with scheduler
- 3-6 months later these are included on a maintenance project for a contractor
- 2-3 months later contractor identified
- 1+ month contractor updates scheduler
- Updating scheduler requires at least 9 months

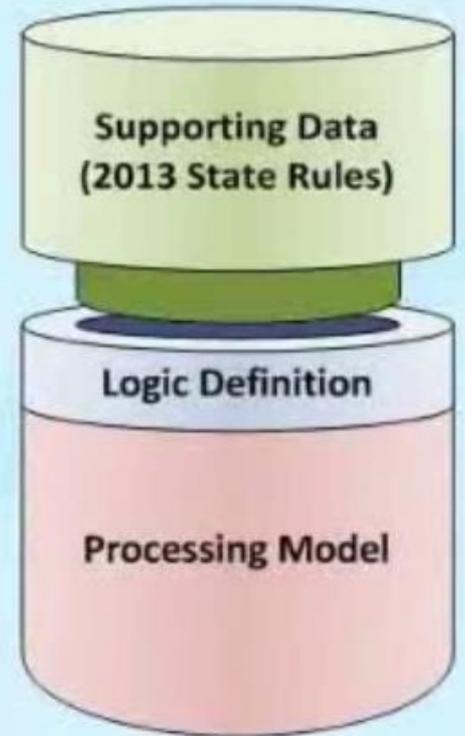
Managing Changing Rules and State Variance



Managing Changing Rules and State Variance



Managing Changing Rules and State Variance





EHR/EMR ShowMeVax Interoperability Incentive Funds

- Awarded \$100,000 for LPHAs who want to establish or upgrade EHR/EMR Interfaces
- Application / bid process
- Contracts
- Funds available after meeting key benchmarks

Proposed (not finalized) benchmarks – New Connections

Benchmark	Payment
Data extract of at least 200 patients and immunizations	\$ 1,000.00
Submit at least 30 2.5.1 VXU messages to validation	\$ 2,000.00
Submit at least 30 2.5.1 VXU messages into production (submission)	\$ 5,000.00
Successful submission of 2.5.1 QBP message and successful receipt and consumption of 2.5.1 RSP message (Query / Response)	\$ 2,000.00

Proposed (not finalized) benchmarks – Existing Connections

Benchmark	Payment
Submit at least 30, 2.5.1 VXU messages to validation	\$ 1,000.00
Submit at least 30 2.5.1, VXU messages into production (Submission)	\$ 7,000.00
Successful submission of 2.5.1 QBP message and successful receipt and consumption of 2.5.1 RSP message (Query / Response)	\$ 2,000.00

2.5.1 Bi-directional (Query/Response)

- Currently only 2.3.1 providers are setup to query immunizations records directly from their EMR
- Setting up 2.5.1 route is #1 priority for upcoming year
- By 2017 providers using EMRs must be able to query SMV and SMV must be able to return
 1. Immunizations on-file
 2. Forecast of what immunizations are required and when

Current Patient Record

Immunization Registry [Immunization] [Main Info]

File Search Financial Adverse Indications Inventory Options Administration Tasks Community Navigate Add-ons Help



Address Name: [Redacted] Pat. #: 311914 Age: 30 White Male DOB: [Redacted] Medicaid #: [Redacted]

Adverse Reaction? Contra? Imm Stat.: Over Age Share with Imm Reg.? Y Discharge [Dropdown] Save

Encounter Immunization Comment History Input Vaccine Comments Notes Meds/Allergy Problems EMR Notes Exhibits Regi

Immunization History

Double-click the grid row to display shot data in the edit boxes.

Vaccine	Date	Seri...	Hist...	CoSi...	Sent ...	Provic
C-DTaP	01/06/1984	999	Y			
C-DTaP	02/24/1984	999	Y			

Main Info | Additional VIS Dates |

New Immunization

[Dropdown] Dose # [Input]

Date: 07/29/2014 Time: [Input] [?] [List]

Provider: [Dropdown] **Query Registry**

Route: [Dropdown]

Body Site: [Dropdown]

Manufacturer: [Dropdown]

Lot Number: [Input]

Exp. Date: [Dropdown]

VIS Date: [Dropdown]

VFC/Eligibility: [Dropdown] [Free]

Comment: [Text Area]

Last from registry: History

Hist. Source: [Input]

Inventory Qty.: [Input]

Facility ID: [Dropdown]

Source: [Dropdown]

Clear Skip Save Result Recommend

Supplemented Patient Record

Immunization Registry [Immunization] [Main Info]

File Search Financial Adverse Indications Inventory Options Administration Tasks Community Navigate Add-ons Help



Addr Name Pat. #: 311914 White Male Age: 30 DOB:
 Medicaid #:

Adverse Reaction? Contra? Imm Stat.: Over Age Share with Imm Reg.? Y Discharge Save

Encounter Immunization Comment History Input Vaccines Comments Notes Meds/Allergy Problems EMR Notes Exhibits Regi

-Immunization History

Double-click the grid row to display shot data in the edit boxes.

Vaccine	Date	Seri...	Hist...	CoSi...	Sent ...	Provic
C-DTaP	01/06/1984	999	Y			
C-DTaP	02/24/1984	999	Y			
C-DTaP	04/27/1984	999	Y			
C-DTaP	06/11/1985	999	Y			
C-DTaP	03/27/1989	999	Y			
Flu, unspecified	11/05/2013	999	Y			
Hepatitis B, unspeci	07/11/1998	999	Y			
Hepatitis B, unspeci	07/12/1999	999	Y			
Influenza Virus, unsp	11/12/2012	999	Y			
Measles, Mumps, R	02/22/1986	999	Y			
Measles, Mumps, R	01/20/1992	999	Y			
Meningococcal, Me	08/21/2002	999	Y			
Polio, unspecified	01/06/1984	999	Y			
Polio, unspecified	02/24/1984	999	Y			
Polio, unspecified	04/27/1984	999	Y			
Polio, unspecified	06/11/1985	999	Y			
Polio, unspecified	03/27/1989	999	Y			
Tdap	05/28/2010	999	Y			
Tetanus, Diphtheria	01/11/1999	999	Y			

Main Info | Additional VIS Dates |

New Immunization

Dose #

Date Time

Provider

Route

Body Site

Manufacturer

Lot Number

Exp. Date

VIS Date

VFC/Eligibility

Comment

Last from registry: 07/29/2014 3:51:34 PM

History

Hist. Source

Inventory Qty.

Facility ID

Source

Free

ShowMeVax-AFIX Integration

- ShowMeVax will be used by providers and VFC staff for AFIX (clinical quality measures for VFC providers)
 - Replacing CoCASA
 - Providers will identify client evaluation cohorts
 - VFC staff will run reports and share with providers
 - Providers will be able to run coverage reports throughout the year