#### VFC/317 Inventory Separation

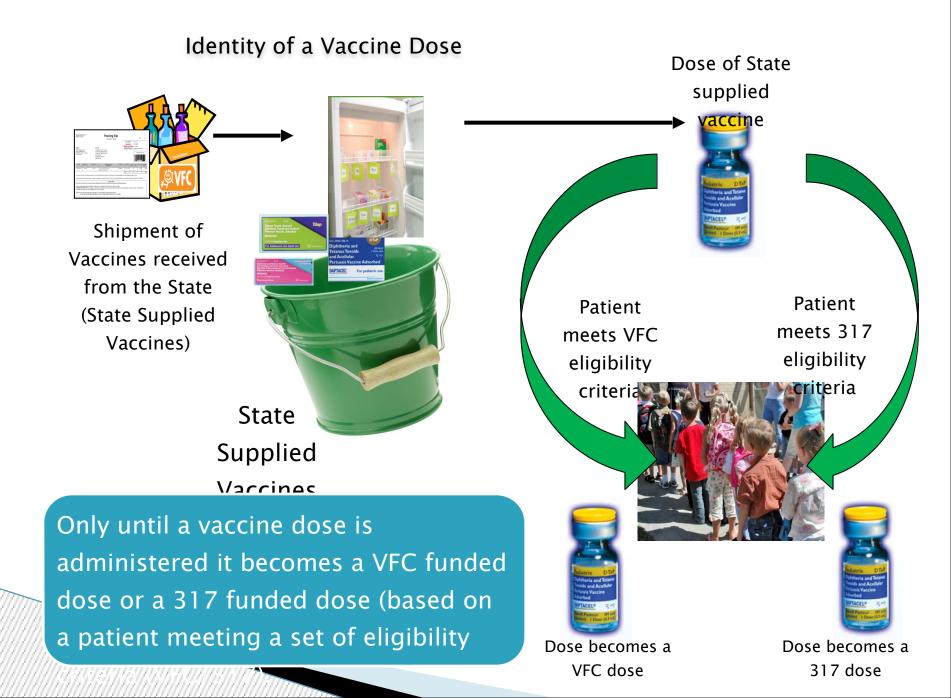
## Current and Future Vaccine Ordering Requirements Overview Maria Volk

#### **CURRENT: Vaccine Supplies for LHDs**

- LHDs order vaccine through our VFC Program.
- Vaccine they receive is funded through a combination of funding streams.
- The vaccine is not shipped or stored separately by funding source. It is "state supplied" vaccine (VFC/317/state GF).

## Definitions

- VFC: Federal entitlement program for VFC eligible children 0-18.
- 317: Federal vaccine for states to immunize non-VFC populations. Adults that are uninsured or underinsured in CA.
- State: Purchased with State of CA general funds. Currently only influenza vaccine and Tdap are purchased. Do not have restrictions on who LHDs can immunize with these doses.



#### New Federal Vaccine Ordering Requirements

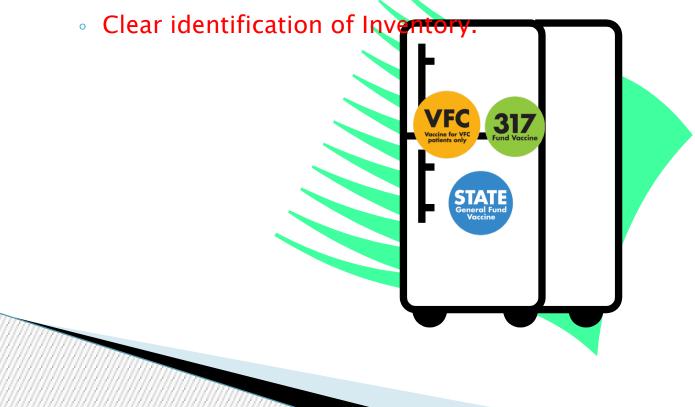
- CDC is implementing a number of significant operational changes related to vaccine ordering, inventory management, and overall provider participation requirements.
- Changes are necessary to maintain the integrity of the VFC Program, ensuring:
  - Vaccines used only for VFC eligible children
  - VFC vaccine funds are used to purchase vaccines for VFC-eligible children only
  - Vaccine inventory management practices are in place to clearly identify vaccines purchased with a number of funds (VFC, 317, State, Private)

#### **Key Vaccine Ordering Requirements**

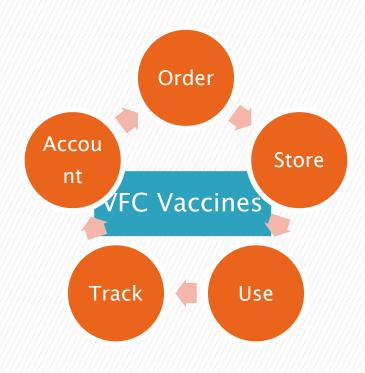
- ALL states must apply "fund types" to each vaccine order submitted to the program for fulfillment.
  - Initial phase (10/2/2013):
    - State to apply fund type (VFC, 317, and State) to all orders once submitted to the program. Applied formula will be based on estimates available at the program level.
    - Other than shipment packing slips, <u>nothing</u> changed for LHDs.
  - Second phase (August 2014):
    - Providers (LHDs and LHDs authorized sites) to submit vaccine orders by fund type.

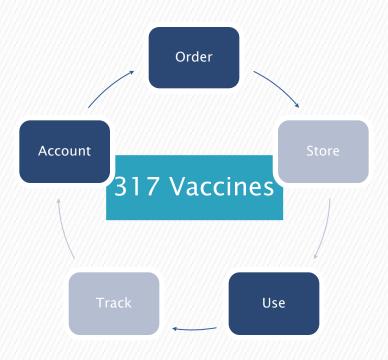
#### Key Inventory Management Requirements

 All providers must maintain separate stocks of vaccines (by funding source): January 1, 2015-CDC Deadline, IZ Branch to implement August 1, 2014.



# Effective August 1, 2014: New Separate Processes

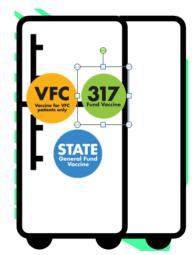




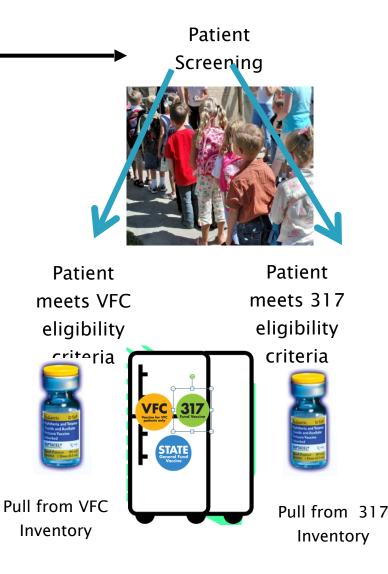
#### Identity of a Vaccine Dose



Shipment of Vaccines received from the State (VFC, 317, State) Vaccines received (VFC, 317, and/or State) are labeled and stored in the pre-designated vaccine storage unit shelf/area



VFC and 317 Doses are kept separately in inventory and doses administered are reported by VFC, 317 (19+)



#### CAIR Changes to Support Separation of Inventory

- Currently CAIR tracks inventory by whether or not it is state supplied (VFC/317).
- Significant programming changes needed to track inventory by fund source: private, VFC, 317, state.
- Plan for current inventory: convert state supplied inventory to VFC.
- Effective August 1, 2014
  - Demo'd at Coordinator's Meeting in May, feedback, final changes.
  - Allows us to have the changes implemented prior to flu season.

Online Ordering Changes to Support Separation of Inventory

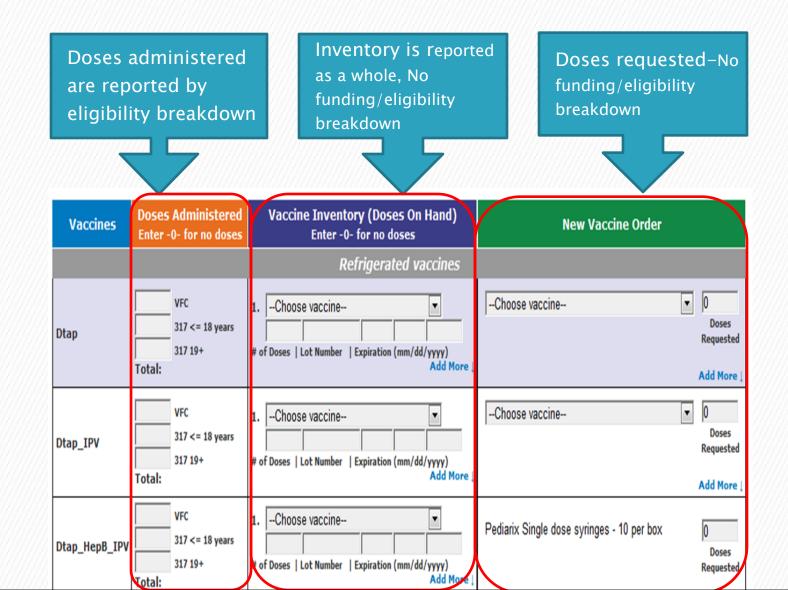
- Myvfcvaccines is being modified to accept separate VFC and 317 orders.
- Changes will only be visible to those providers that receive 317 vaccine.

#### State Supplied Vaccine Eligibility Guidelines

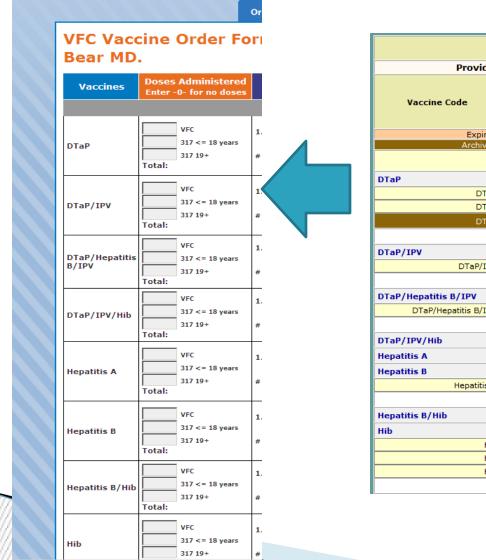
- Have reassessed eligibility guidelines.
- With underinsured shrinking, does it make sense to maintain separate 317 pediatric vaccines?
  - Overwhelming consensus from LHDs was that it does not.
  - New Eligibility Guidelines will be released indicating that underinsured children will no longer be eligible for 317 vaccine.

# Vaccine Ordering Mey Phu

#### **Current Vaccine Ordering Procedure**



#### Vaccine Order Form: LHD/HDAS



	State-suppli	ed Vaccine	Repo	et.				
Provider	Id : docoffice		[	)oses	Adı	ministere	ed	# Doses
		Expiration	Fra 01/01		03/	To: 17/2014		Available as of today
Vaccine Code	Lot Number	Date	VFC	31 <=18	-	State General Funding	Total	3/1/2014 .54:15 <u>PM</u>
	= Expired lots during da							
Archived	= Archived lots during of							
	Refrigera	ated Vacci	ines					
DTaP								
DTaP	eer	1/1/2016	1	0	0	0	1	10
DTaP	12654	10/10/2016	4	0	0	0	4	3
DTaP	02262013	1/1/2019	1	0	0	0	1	0
	D	TaP Total :	6	0	0	0	6	13
DTaP/IPV								
DTaP/IPV	ABC10012013	10/10/2019	0	0	0	0	0	10
	DTaP	/IPV Total:	0	0	0	0	0	10
DTaP/Hepatitis B/IPV								
DTaP/Hepatitis B/IPV	10022013LOT	12/12/2015	0	0	0	0	0	10
	DTaP/Hepatitis B	/IPV Total:	0	0	0	0	0	10
DTaP/IPV/Hib			0	0	0	0	0	0
Hepatitis A			0	0	0	0	0	0
Hepatitis B								
Hepatitis B	VFCLOT02132014	1/1/2015	0	0	0	0	0	10
	Hepatit	is B Total :	0	0	0	0	0	10
Hepatitis B/Hib			0	0	0	0	0	0
Hib								
Hib	210VFCLOT	1/1/2015	1	0	0	0	1	10
Hib	210-317LOT	1/1/2016	0	0	0	0	0	20
Hib	210-SGF	1/1/2017	1	0	0	0	1	29
		Hib Total :	2	0	0	0	2	59

#### New Vaccine Ordering Procedure

- 1 order submission process with 2 separate pages for VFC order and 317 order
  - Allow for ordering of VFC and 317 vaccines in the same process
- New order submission will consist of 3 steps:
  - Step 1 Complete your VFC Order
    - VFC usage, inventory, & order
    - Preview VFC order information
  - Step 2- Complete your 317 Order
    - 317 usage, inventory, & order
    - Preview 317 order information
  - Step 3- order submission & e-mail order confirmation (breakdown of VFC order and order ID; and 317 vaccine order and order ID)

## New Vaccine Order Form – VFC

		Order History New Orde	
	388, Izzy the	RIC VACCINE ORDER F Bear, MD	Bypass VFC Vaccines Order
VFC Vaccines	VFC Doses Administered Enter -0- for no doses	VFC Vaccine Inventory (Doses On Hand) Enter -0- for no doses	New VFC Vaccine Order
Dtap	VFC	1Choose vaccine	Choose vaccine
Dtap_IPV	VFC	1Choose vaccine # of Doses   Lot Number   Expiration (mm/dd/yyyy) Add More	Choose vaccine
Dtap_HepB_IPV	VFC	1Choose vaccine # of Doses   Lot Number   Expiration (mm/dd/yyyy) Add More ↓	Pediarix Single dose syringes - 10 per box 0 VFC Doses
Dtap_IPV_Hib	VFC	1Choose vaccine # of Doses   Lot Number   Expiration (mm/dd/yyyy) Add More ↓	Currently not available
НерА	VFC	1Choose vaccine # of Doses   Lot Number   Expiration (mm/dd/yyyy) Add More ↓	Choose vaccine  VFC Doses  Add More
НерВ	VFC	1Choose vaccine	Choose vaccine

## **VFC Order Preview**

New Return/ New Order **Main Page** Logout Transfer You must complete your order before 9:19PM on 05-13-2014 VFC Order Review Page **Delivery Information** Name: INYO COUNTY HEALTH & HUMAN SERVICES If your delivery information is incorrect, please Update It Address: 207 A WEST SOUTH ST., BISHOP, CA 93514 Contact: MELISSA BEST-BAKER Phone: (760) 873-7868 Official practice E-mail: healthofficer@inyocounty.us Order confirmation E-mail: mbestbaker@inyocounty.us If information is correct, click on the **Submit Your Order** button to transmit your order to VFC. Vaccine Inventory (Doses On Hand) New VFC Vaccine Ordered Doses Number of Vaccines Vaccine Expiration Doses Administered Lot Number doses on Vaccine Туре Date Requested hand Infanrix Infanrix Single dose vials 01-01-5 10 Single dose 052584643 20 Dtap 2015 vials Kinrix 01-01-Kinrix Single dose vials Dtap\_IPV 2 Single dose 0252455 20 1 2016 vials Pediarix 02-02-Single dose 025445565 Pediarix Single dose syringes Dtap HepB IPV 30 10 30 2016 syringes Dtap IPV Hib 0 0 0 \_\_\_ Havrix Havrix Single dose vials 01-01-НерА 20 2 Single dose 0255405 20 2015 vials ENGERIX B ENGERIX B Single dose vials 02-02-НерВ 20 20 Single dose 02215520202 Go to 317 2016 vials Order Form HepB\_Hib 0 0

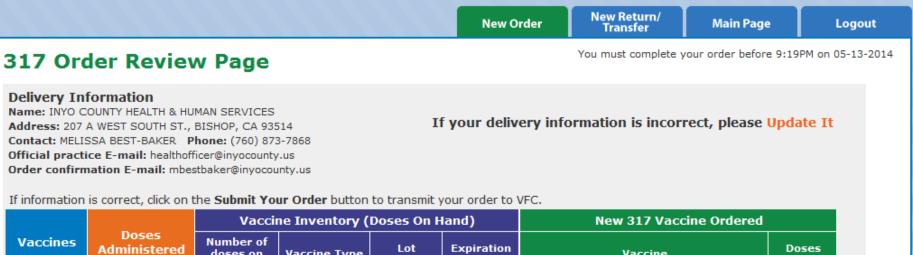
### New Vaccine Order Form - 317

You must complete your order before 10:21PM op 07-15-2014

#### STEP 2 - 317 ADULT VACCINE ORDER FORM PIN 888888, Izzy the Bear, MD

			Bypass 317 Vacc	cines Order
317 Vaccines	317 Doses Administered Enter -0- for no doses	317 Vaccine Inventory (Doses On Hand) Enter -0- for no doses	New 317 Vaccine Order	
L L		Refrigerated vaccines		
НерВ	317	1Choose vaccine # of Doses   Lot Number   Expiration (mm/dd/yyyy) Add More	,,	0 Add More L
IPV	317	1Choose vaccine # of Doses   Lot Number   Expiration (mm/dd/yyyy) Add More	IPOL 10 Dose Vial	0
Tdap	317	1Choose vaccine	,,	0 Add More ↓
	•	317 Vaccines Stored in the Free	zer	
MMR	317	1Choose vaccine # of Doses   Lot Number   Expiration (mm/dd/yyyy) Add More	,,	0 Add More L
		*** Special Order Vaccines ** not routinely recommended vaccines and are on itional information, please refer to communicati	ly intended for certain high-risk patients.	
тd	317	1Choose vaccine # of Doses   Lot Number   Expiration (mm/dd/yyyy) Add More		0 Add More L

## 317 Order Preview



Vaccines	Administered	Number of doses on hand	Vaccine Type	Lot Number	Expiration Date	Vaccine	Doses Requested
НерА	2	8	Havrix Single dose vials	02020202	01-20-2015	Havrix Single dose vials	20
НерВ	3	7	ENGERIX B Single dose vials	025784415	05-05-2015	ENGERIX B Single dose vials	10
нру	10	10	Gardasil Single dose vials	55451225	02-02-2015	Gardasil Single dose vials	10
IPV	0	0					0

### **Order Confirmation**

Vaccine Order Confirmation Page for PIN VFC vaccine order submitted on 05-13-2014

		our order. Your order is currently					
An e-mail confirm Delivery Info		int to the Order Confirmation E-mail spe	ified b			VFC Vaccine Inventory (Doses O	n vrsevening orden
Name: SHASTA C Address: 2650 B Contact: SUE HO Official practice	COUNTY HEALTH DEI RESLAUER WAY, RE LDERMAN, RN Pho E-mail: adeckert@	DDING, CA 96001 me: (530) 229-8463			VFC Dose	Hand)	VFC Vaccine Order
You cannot place	e another order u	ntil the VFC Program has approved thi	s pend	VFC Vaccines	Administer	red of Vaccine Lot Expirat	ion
		i on 05-13-2014				Doses Type Number Date	
vi e vuecine o		VFC Vaccine Inventory (Doses On Hand)				Hand	
	VFC Doses		-			nanu	
VFC Vaccines	Administered	of Vaccine Lot Expirati Doses Vaccine Lot Expirati on Type Number Date Hand	on	DTaP	0	No inventory reported	
DTaP	o	No inventory reported					
DTaP/IPV	0	No inventory reported		DTaP/IPV	0	No inventory reported	
DTaP/Hepatitis B/IPV	0	No inventory reported					
DTaP/IPV/Hib	0	No inventory reported	_	DTaP/Hepatitis B/IPV	0	No inventory reported	
Hepatitis A	20	No inventory reported	(H	0/11 4			
Hepatitis B	0	No inventory reported	+	DTaP/IPV/Hib	0	No inventory reported	
Hepatitis B/Hib	0	No inventory reported	-				
нів	0	No inventory reported	+				(Havrix Single dose syringes - 10 per box)
HPV	0	No inventory reported	-	Hepatitis A	20	No inventory reported	- 50
IPV	0	No inventory reported	-				(Original Request - 50)
Meningococcal Conjugate	0	No inventory reported	-				
Pneumococcal Conjugate	0	No inventory reported	-	Hepatitis B	0	No inventory reported	
Rotavirus	0	No inventory reported	-	inoputitio b	-		
Tdap	0	No inventory reported					
Varicella	o	No inventory reported		317 vaccine o	order submitt	tted on 05-13-2014	
MMR	20	No inventory reported	(8	SI7 Vaccine e	Juci Subilito		
MMRV	0	No inventory reported	+			317 Vaccine Inventory (Doses On Han	d) 317 Vaccine Order
Td	0	No inventory reported	-				-/
Meningococcal/ Conjugate	нь	No inventory reported	+			Number	
Pneumococcal Polysaccharide	0	No inventory reported	+	317 Vaccines	317 Doses	of Desca Vaccine Lot Expiration	n l
	rder submitted	on 05-13-2014			Administered	Type Number Date	Vaccine Doses Requested
bir vaccine o		7 Vaccine Inventory (Doses On Hand)				on Type Hamber Date	
317 Vaccines		umber				nanu	
317 vaccines	Administered	of Vaccine Lot Expiration Doses Type Number Date Hand					
Hepatitis A		nana o inventory reported	(VAQT	Hepatitis A	2	No inventory reported	(VAQTA Single dose vials - 10 per box) - 10 (Original Request - 10)
Hepatitis B	0 N	o inventory reported					
HPV	5 N	o inventory reported	(Garda	Hepatitis B	0	No inventory reported	
IPV	0 N	o inventory reported					
Meningococcal Conjugate	0 N	o inventory reported					(Gardasil Single dose vials - 10 per box) - 10
Tdap		o inventory reported	(Adace	HPV	5	No inventory reported	- 10 (Original Request - 10)
Varicella		o inventory reported					
MMR		o inventory reported		TPV	o .	No inventory reported	
Td							

Main Page

# Ordering 317 Vaccines

- Orders for 317 vaccines will be placed at the same frequency as VFC orders
- Order can be submitted for only VFC vaccines if no 317 vaccines are needed
  - 317 Inventory and 317 Doses Administered will be required
- In the event of disease outbreak
  - Ability to bypass VFC ordering and VFC inventory reporting

# **Bypassing VFC Ordering**

			Order History	New Orde	r New Return/ Transfer	Main Page	Logout
	/FC PEDIATRI 38, Izzy the Be		NE ORDE	R FORM			
						Bypass VFC	Vaccines Order
VFC Vaccines	VFC Doses Administered Enter -0- for no doses		cine Inventory ( Hand) hter -0- for no dos	-	New VFC	Vaccine Order	
	_		Refrigerated	l vaccines	_		
Dtap	VFC	1Choose var # of Doses   Lot N	ccine	mm/dd/yyyy) Add More ↓	Choose vaccine		O     VFC Doses     Add More
Dtap_IPV	VFC	1Choose vac # of Doses   Lot N	ccine	▼ nm/dd/yyyy) Add More↓	Choose vaccine		VFC Doses
Dtap_HepB_IPV	VFC	1Choose vac # of Doses   Lot N	ccine	mm/dd/yyyy) Add More ↓	Pediarix Single dose syrin	iges - 10 per box	0 VFC Doses
Dtap_IPV_Hib	VFC	1Choose va	CCINE umber   Expiration (r	mm/dd/yyyy) Add More J	Curren	tly not available	
НерА	VFC	1Choose va	ccine	•	Choose vaccine		O     VFC Doses

#### Order Accountability and Approvals

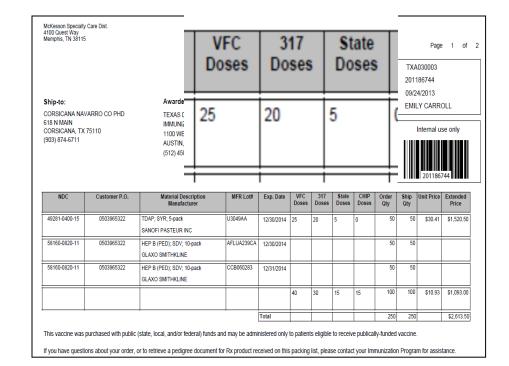
- VFC and 317 vaccine orders are processed individually:
  - Received individually at the State
  - Reviewed individually
  - Approved/denied individually
- Orders that need modifications (i.e. accountability or ordered amounts) will be sent back separately
  - VFC, 317, or Both
  - Modify and re-submit orders according to normal procedure

#### Vaccine Shipments



Ordered vaccines will arrive in one shipment.

Vaccine funding will be identified in the shipment packing slip





Vaccines received (VFC, 317, and/or State) are labeled and stored in the pre-designated vaccine storage unit shelf/area

## **Other Changes**

- Returning and Transferring of Vaccines
   Will have to be reported by 317 or VFC
- Ordering and accounting for vaccines will not be on routine 317 vaccine policy for disease outbreak response

# CAIR DEMO

Robyn Davis

# Preparations for the Change Claudia Aguiluz

## Preparations for the Change

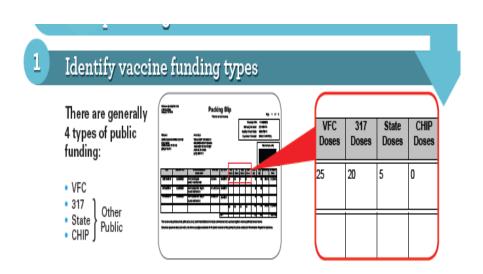
- Inventory management
- Vaccine Eligibility Guidelines
- Vaccine ordering and receiving
- Vaccine usage and inventory tracking (vaccine accountability)
- Returns/Transfers

## Preparations for the Change

- Train and communicate changes with key clinic staff
- Vaccine storage unit re-organization
- Review new Eligibility Guidelines for State Supplied Vaccines
- Order 317 vaccines
- Enter vaccine shipment info in CAIR
- Manually convert pre-existing supply of SGF vaccines (if applicable)

## **Inventory Management**

- Assess vaccine storage unit space and determine best way to store and inventory vaccines
  - By product, i.e., Tdap
    - VFC Tdap
    - 317 Tdap Pediatric
    - State Tdap
    - Private Tdap
  - By funding
    - VFC vaccines
    - 317 vaccines
    - State vaccines
    - Private vaccines



#### **Obtain Supply of Vaccine Stickers**

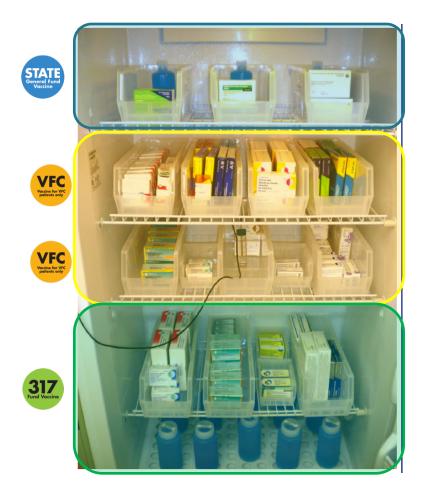






#### Inventory Management: Getting your storage units ready

 Label and organize vaccine storage unit shelves and current vaccine stock according to initial assessment



# **Review Eligibility Guidelines**

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•	C	PF

Vaccine

DTaP/DT

Hepatitis A

Hepatitis B Hib

HPV

MMR

Polio (IPV)

Rotavirus

Td

Tdap

Pneumococcal Conjugate

Influenza Meningococcal Conjugate

VACCINE ELIGIBILITY GUIDELINES | IMMUNIZATION BRANCH For Health Departments and CDPH Approved Health Department Authorized Sites, Effective 5/21/2014 to 9/30/2014 VFC Eligible Children Insured Children & Adults<sup>:</sup> Underinsured Children Uninsured & Underinsured Adults (ONLY for ACIP recommended) (ONLY for ACIP recommended vaccine not covered by insurar PublicHealth Birth Through 18 Years of Age Birth Through 18 Years of Age 19 Years of Age and Older All Ages 317 317 317 ×

×	✓	×	×
*	•	<ul> <li>ONLY if they are a household or sexual contact of HbsAg+ pregnant woman</li> </ul>	×
×	1	×	×
1	×	×	*
✓	✓ Per CDPH Influenza Guidelines <sup>1</sup>	✓ Per CDPH Influenza Guidelines <sup>1</sup>	✓ Per CDPH Influenza Guidelines <sup>1</sup>
¥		<ul> <li>ONLY HIV-infected MSM; or MSM, regardless of HIV status, who regularly have close or intimate contact with multiple partners</li> </ul>	× · · · · · · ·
		✓ 1st Dose	
×	✓	2nd Dose ONLY if they are college/ university students or health care	×

ONLY for ACIP recommended

ONLY when Tdap is not indicated

19 years of age and older

×

×

\*

×

×

Varicella

1 <sup>1</sup>Influenza vaccine is funded by 317 and State funds 2317 vaccine can be provided to insured children and adults in outbreak situations only when the local Health Officer, in consultation with CDPH, decides that vaccination is indicated as part of outbreak

1

· Fully insured children and adults are not eligible to receive 317 vaccine. Adults enrolled in Medi-Cal/Medi-Cal managed care plans are considered fully insured th Departments and Health Department Au

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317 vaccine may not be used in travel clinic settings.

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, IMMUNIZATION BRANCH

This publication was supported by Grant Number H23/CCH922507 from the Centers for Disease Control and Prevention (CDC). Its contents are solely the responsibility of the authors and do not necessarily represent the official views of CDC. IMM-1142 (5/2014)

#### Pediatric Vaccines

- VFC ONLY
- All ACIP recommended vaccines
- Adult Vaccines
  - 317 mostly (few SGF)
  - Hep B 0
  - IPV
  - Meningococcal Conjugate 0
  - MMR 0
  - Td 0
  - Tdap (317 and state) 0
  - Flu (state) 0

#### Guidelines

#### Vaccine Source

# Order 317 Vaccines

- Order 317 vaccines according to Eligibility Table
  - Refer to previous vaccine usage information to place
     317 vaccine order
  - Place 317 vaccine order Friday August 1, 2014
- Log received vaccines in CAIR using appropriate funding codes (load inventory in CAIR)
- Archive old lots in CAIR

## **Communication and Training**

- Communicate new vaccine management changes to key staff to ensure:
  - Vaccines are stored in corresponding areas
  - Vaccines to be administered are grabbed from the correct supply
  - Vaccines are administered following the correct eligibility
  - Vaccine doses are documented and tracked appropriately
  - Expired, spoiled vaccines are labeled and returned using correct codes

## Preparation for the Change

- Review guidance for converting existing stock to 317/state for limited situations
  - State Tdap will have to be converted to state
  - Remaining Hep A stock from Costco outbreak will have to be converted to 317.
  - In case of emergency, stock could be converted to 317 if new order hasn't been received and a patient needs a dose of 317.

#### **Questions and Answers**