

**ALERT IIS**  
**Managing data quality in the clinic setting**



**Oregon Health Authority**

OIP Orientation for Private VFC providers  
August 1, 2019

Kerry Lionadh, ALERT IIS Training Coordinator

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**HOURS of OPERATION:**  
Mon-Fri , 9-4



**ALERT IIS Help Desk**  
800-980-9431  
[alertiis@state.or.us](mailto:alertiis@state.or.us)

- Reset passwords
- Set up new user account
- Report duplicate patient records
- Functionality questions



**VFC Help Desk**  
971-673-4VFC  
[VFC.help@state.or.us](mailto:VFC.help@state.or.us)

- Vaccine ordering
- Temperature excursions
- VFC compliance
- VFC certification

**Oregon Health Authority**

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**Oregon's Immunization Information System**

1. The role of data quality in clinical care?
2. Report tools that help you maintain data quality
3. How to run the reports



**Oregon Health Authority**

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**ALERT IIS supports VFC by providing:**

1. Patient-level information
2. Vaccine inventory management
3. Reports to monitor data quality


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**Clinical decision support:**

- Consolidated patient record
- Forecast of needed immunizations

Select	Vaccine Group	Vaccine	Earliest Date	Recommended Date	Past Due Date
<input type="checkbox"/>	<b>DTaP/aP</b>	DTaP, NOS	05/10/2020	05/10/2020	05/10/2021
	<b>HepA</b>	HepA, NOS		Complete	
	<b>HepB</b>	HepB, NOS		Complete	
	<b>Hib</b>	Hib, NOS		Complete	
<input type="checkbox"/>	<b>Influenza-seasonal</b>	Flu NOS	12/18/2017	08/01/2018	11/20/2018
<input type="checkbox"/>	<b>MMR</b>	MMR	06/29/2017	05/10/2020	05/10/2021
	<b>PneumoConjugate</b>	PCV13		Complete	
<input type="checkbox"/>	<b>Polio</b>	Polio, NOS	05/10/2020	05/10/2020	05/10/2021
	<b>Rotavirus</b>	Rotavirus, NOS		Complete	
<input type="checkbox"/>	<b>Varicella</b>	Varicella	08/01/2017	05/10/2020	05/10/2022

Add Selected




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**Let's take a closer look**


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### Vaccine Inventory Management

- Automated inventory ordering
- Inventory accounting

Create Order for Amgen Medical Clinic

VFC PIN F19812  
Initiating Organization: Amgen Medical Clinic  
Initiating User: Amy Lianab  
Org Phone: (570) 673-6380  
Org Fax:  
Order Date: 10/26/2018

Delivery Contact: CYN WA Davis  
Delivery Address: 101 N Oak ST  
COOS BAY OR 97223  
Delivery Days/Hours: Monday 1 PM - 4 PM  
Tuesday 1 PM - 3 PM, 5 PM - 8 PM  
Thursday 8 AM - 9 AM, 2 PM - 4 PM

Submit Order

Cancel

Order the number of doses of vaccine that are needed.  
Allow approximately 2 weeks for delivery.

# Doses	Vaccine	Trade Name	Manufacturer	Packaging	NCIC	Qty Order	Doses	Doses on Hand	Lot Numbers	Exp Date
<input type="checkbox"/>	DTaP	Infantile	GlaxoSmithKline	10X1 SYRNGE	58160-0810-52	0				
<input type="checkbox"/>	DTaP	Infantile	GlaxoSmithKline	10 X 1 VIALS	58160-0840-11	10				
<input type="checkbox"/>	DTaP,3 pertussis antigens	DAPTACEL	Sanoofi Pasteur Inc.	40281-0286-10	10		19	15648D0		01/01/2019
<input type="checkbox"/>	DTaP-HepB-IPV	Pediaris	GlaxoSmithKline	DTAP/HEP-IPV 1 DOSE	58160-0811-11	10		5 24778F		05/01/2019
<input type="checkbox"/>	DTaP-IPV	Kenite	GlaxoSmithKline	CHATEX 10X1 VIAL R	58160-0812-11	10				

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### Data quality is a key element of providing quality patient care.

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**Clinic staff are essential partners in data quality**



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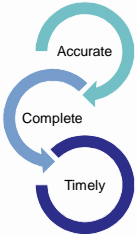
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**Data quality considerations**

- Is immunization data correct?
- Does the patient immunization record have all required information?
- Is the data submitted to ALERT when expected?



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**The clinic role – a little time goes a long way**


**Organization role:**

1. ID a data steward
2. Allocate uninterrupted time
3. Routinize monitoring
4. Maintain relationships & communicate



**Tasks of a data steward:**

1. Monitor
2. Communicate
3. Educate



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- Eligibility
- Inventory transactions
- Vaccine Accountability
- Ad Hoc



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Report run on: 02/11/2019 1:50 PM

Key Vaccine Eligibility Code															
M - Medicaid, QP*	U - Underserved, not FQHC							B - Biotech/Engine							
N - No Insurance	C - Inured, Crayon Unavailable							L - Locally Owned							
A - Am. Independent Nation	D - Other State Supplied							S - Special Projects							
F - Underserved, FQHC	R - Unknown Insurance Status							G - IG only							
															NB - Not Specified
Vaccine	M	N	A	F	U	C	D	R	B	L	S	G	IS	Total	
DTaPw	95	12							40				2	151	
DTaPw+Hep B	175	5							75				5	255	
Tdap	25	5							24				5	59	
Hib	1								15				5	26	
Hep B	1								5				5	11	
MM	179	14							74				2	267	
HPV	16	5							73				5	105	
Pneumonia	5								5				5	21	
Polio	1								54				5	65	
Measles/Mor.	2								10				5	12	
MMW	16	7							21				5	54	
MMW+Tdap	26	5							25				5	71	
Prevention/Screening	1								188				5	194	
Prevention/LA	2								54				5	66	



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## Inventory Transaction Report



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Vaccine Transactions Totals						Record Count: 53
Site Name	Trans Code	Trans Description	Trans Count	Trans Value		DOB
Jionadh-NY	REC	Receipt of Inventory	9	59	COLE	09/01/2016
Jionadh-NY		Receipt of Inventory	0	0		01/20/16
Jionadh-NY	Manage Inventory					3/02/16
Jionadh-NY		Show Inventory for Sites...				3/02/16
Jionadh-NY		Show Transactions for Sites...				3/02/16
Jionadh-NY		Update inventory Alerts...				06/05/15
Jionadh-NY		Return to the Previous Screen...				03/03/15
Jionadh-NY						03/03/15
Jionadh-NY	RECALL	Doses Recalled	0	0	EORGE	09/16/2013
Jionadh-NY	ADMIN	Doses Administered	2	-3	BETTY	04/15/2014
Jionadh-NY	TRAPXP	Expired Doses Transferred	0	0		
Jionadh-NY	BORROWEDIN	Borrowed In	0	0		
Jionadh-NY	BORROWEDOUT	Borrowed Out	0	0	WILMA	08/10/2015
Jionadh-NY	BORROWED	Borrowed Item Given	3	-3	BENNY	03/05/2015
Jionadh-NY	RET	Doses Returned	0	0	DDLES	02/17/2016
Jionadh-NY	ERR	Error Correction	0	0	BLAZE	09/12/2015
Jionadh-NY	RECON	Doses Reconstituted	0	0	BLAZE	09/12/2015
Jionadh-NY	LOTDELETE	Lot Deleted	0	0	BLAZE	09/12/2015
Jionadh-NY	Transaction Totals:		53	13	BLAZE	09/12/2015
Jionadh-Nylen Pediatrics	01/30/2017	C4923AB   Private   Pentacel	Immunize	-1	FITZGERALD, ELLA	10/1/2016
Jionadh-Nylen Pediatrics	01/30/2017	K057899   Private   Rotarix	Immunize	-1	FITZGERALD, ELLA	10/31/2016

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# Rec

<b>Reason for Modifying</b>	<b>Explanation/When to Use</b>
Receipt of Inventory	Doses of vaccine that were received from the Oregon Immunization Program or distributor and added to your inventory. (Transfers will be automatically added to inventory when using Manage Transfers from within the IS.)

## Manage Inventory

Save Changes to Quantity On Hand for Selected Sites...

Return to the Previous Screen...

### Modify Quantity On Hand for Selected Site(s)

Trade Name	Lot Number	Funding Source	Invoiced On Hand	Action	Amount	Reason
DAPTACEL 15648DD Private	1			Subtract ▼		Receipt of Inventory
Error Correction						
Doses Returned						
Doses Transferred						
Doses Recalled						
Doses Administered						
Borrowed In						
Borrowed Out						
Spillage reported by provider						
Lost or damaged in transit to Provider						
Failure to store properly upon receipt by Provider						
Refrigeration failure reported by Provider						
Lost or unaccounted for in Provider inventory						
Other - Not Usable, reported by Provider						

Lost or unaccounted for in Provider inventory Other – Not Usable, reported by Provider	Doses of vaccine that can't be accounted for after being received and entered into inventory (you can't find the vaccine).  Use to reconcile inventory when vaccine was wasted or damaged (e.g., broken vial in box or patient refused vaccine after drawing it up) and nothing else is appropriate.
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Let's take a closer look



A healthcare professional, likely a doctor or nurse, is shown from the chest down, wearing a white lab coat over teal scrubs and a stethoscope. They are pointing with their right index finger at a tablet computer. The tablet displays the Oregon Health Authority website, which features a blue header with the 'OH' logo, a large graphic of three interlocking triangles, and several text blocks and images. The background is a plain, light-colored wall.

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### ALERT IIS Reports for assessing data quality



Later this morning...

- Vaccine Inventory accountability
- Borrowing




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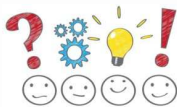

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### ALERT IIS training resources

Live webinars/on-demand content  
Learn more about ALERT IIS reports used to monitor data submission


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**For further assistance...**

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