

# FROM 0 TO 100 IN ONE YEAR:

## RAMPING UP INVENTORY MANAGEMENT AND REPORTING IN THE IIS

**2016 AIRA Conference**

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# OVERVIEW

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## Background

- Washington State at a Glance
- WA State Immunization Information System (WAIS)
- Provider use of IIS for Vaccine Management
- The Prevention & Public Health Funded VTrckS-IIS Enhancement Grant
- Grant Goal #2

## Methodology

## Provider Reporting

- Reconciling and Submitting the Inventory Report Online
- Creating the Doses Administered Report
- Submitting the Doses Administered Report Online

## Results

- Provider Outreach Efforts
- Online Provider Reporting in the IIS

## Successes and Challenges

# WASHINGTON STATE AT A GLANCE

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WA State DOH + 35 Local Health Jurisdictions (LHJs) → state public health system

1,100 clinics (>4,000 providers) in Childhood Vaccine Program

Funding: State & Federal

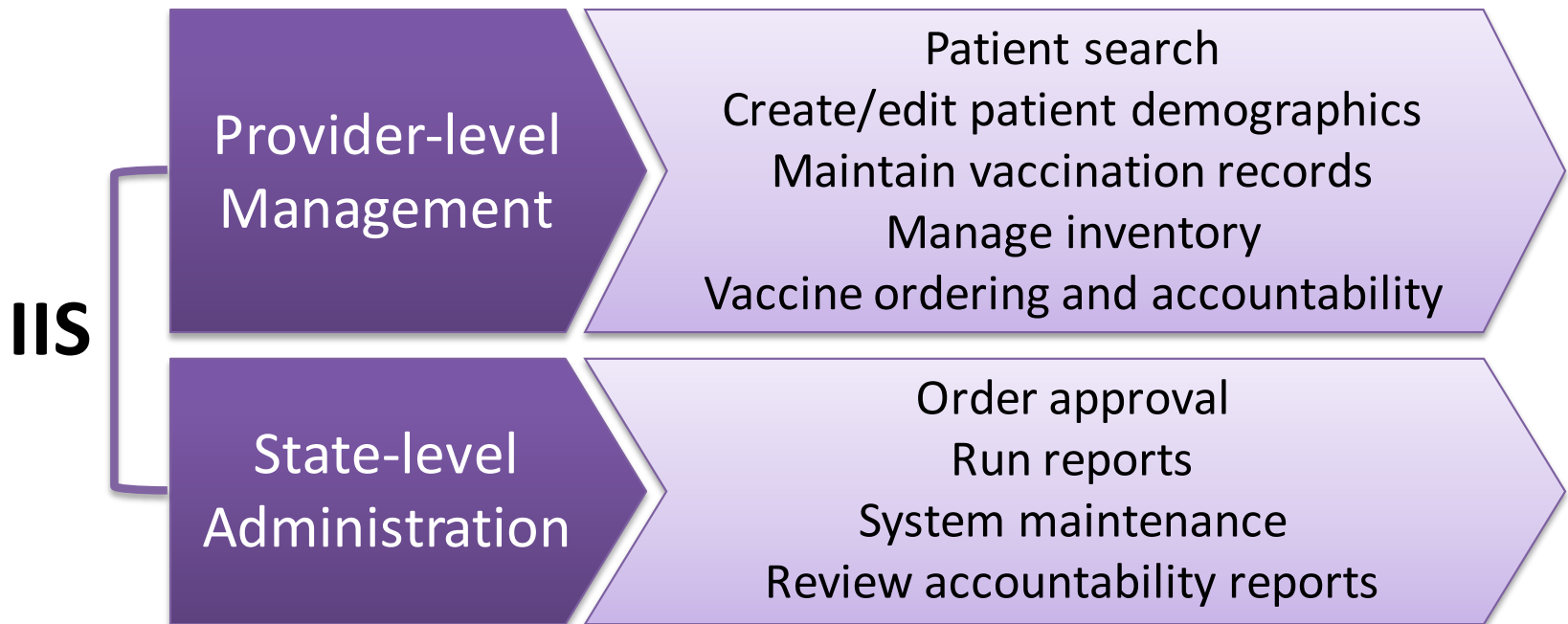


# WA STATE IMMUNIZATION INFORMATION SYSTEM



## WAIIS:

- Well-established
- Provider-based, patient immunization resource management
- State-level program administration



# PROVIDER USE OF IIS FOR VACCINE MANAGEMENT

Not mandatory  
96% providers  
shared data  
with IIS

Receive vaccine **online**  
(from 25% to 59% users)  
Use inventory  
management tools  
Report inventory **online**  
(up to 34%)

## IIS Usage in 2014

- 71% providers – inventory via paper
- 100% providers – doses administered via paper
- State – manually track paper reports

# THE PPHF VTRCKS-IIS ENHANCEMENT GRANT



- Increase providers' use of IIS
- More efficient vaccine ordering and reporting
- Reduce manual data exchange with VTrckS

## Improvements Wanted

- Create and implement tools in the IIS
- Train providers
- Increased data exchange with VTrckS

## Grant Purpose

Provider vaccine management in the IIS  
→ 95%

## Outcome

# GRANT GOAL 2

Provider vaccine management in the IIS → 95%

Goal 1: Establish infrastructure support for the Washington VTrckS-IIS Enhancement Project

Goal 3: The IIS populates the practice profile and supports automation of the vaccine fund source splits for each provider order

Goal 4: 100 percent of providers receive training on the new IIS tools and have ongoing access to training support

Goal 2: 95% providers use IIS for inventory management and vaccine quality assurance

95% providers receive orders online

95% providers use IIS online for monthly accountability reporting

# METHODOLOGY

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## Infrastructure

Built tools



## Materials

Training videos  
PowerPoint slides  
Reference guides



## Outreach

Webinars with providers  
1-on-1 outreach to LHJs  
In-person trainings



## Track Progress

Monthly progress reports  
Friendly competition  
Further training on QI  
Project evaluation and  
course correction



# RECONCILING & SUBMITTING ONLINE INVENTORY REPORT



Every age. Every vaccination.

## QA Environment

- ▲ Main
  - Home
  - Logout
  - Document Center
- ▶ Message
- ▶ Favorites
- ▶ Patient
- ▶ Vaccinations
- ▲ Lot Numbers
  - Doses Administered
  - Reconciliation
  - Search/Add
  - Search Results
  - Detail
  - Correct Decrementing
- ▶ Orders/Transfers
- ▶ Reports
- ▶ Settings
- ▶ Reminder/Recall
- ▶ Scheduled Reports
- Change Password
- Answers



iWeb

Version: 5.16.1.2 - Beta



Logged in: SAHSA DELEON

Organization (IRMS)/Facility: SASHA'S CLINIC (5583) / SASHA'S CLINIC

Date: March 2, 2016

**New messages to read.**

## Reconcile Inventory

Vaccine	Lot Number	Exp Date	Quantity on Hand	Physical Inventory	Adjustment (+/-)	Category	Reason	Funding Source	Inactive	Add Row
DTaP	GSK67	09/30/2017	34		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
DTaP	P46MC	04/30/2016	12		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
DTaP-Hib-IPV (Pentacel)	DHI30PMC	12/31/2018	21		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
HPV, quadrivalent (Gardasil)	QUAD1234	12/31/2018	10		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
Hep A, ped/adol, 2 dose (Havrix, Vagta)	GSK08	09/30/2017	5		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
Hep A, ped/adol, 2 dose (Havrix, Vagta)	HA10MSD	12/31/2018	9		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
Hep B Ped/Adol - Preserv Free (Engerix B, Recombivax HB)	HB40MSD	12/31/2018	34		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
Influenza inj quadrivalent w/presv. 36+ mos	II10PMC	12/31/2018	8		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
MMR	LIU583	09/30/2017	10		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
Pneumococcal conjugate PCV 13 (Prenar13)	395HG	09/30/2017	3		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
Pneumococcal conjugate PCV 13 (Prenar13)	PFR13	12/31/2018	7		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
meningococcal MCV4P (Menactra)	1234A	09/30/2017	15		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+
rotavirus, monovalent (Rotarix)	J10JH	09/30/2017	12		0.0	--No Category Required--	--No Reason Required--	PUB	<input type="checkbox"/>	+

Print Reset Save  
Submit Monthly Inventory

Inventory Last Submitted: 02/17/2016

Vaccine Administered Report Last Submitted: 02/17/2016

Legend	
	Public Lots
	Private Lots
	Expired Vaccines
	Expires in 30 days or less

# CREATING THE DOSES ADMINISTERED REPORT

WASHINGTON STATE

IMMUNIZATION

INFORMATION SYSTEM

Every age. Every vaccination.

QA Environment

Main

Home

Logout

Document Center

Message

Favorites

Patient

Vaccinations

Lot Numbers

Doses Administered

Reconciliation

Search/Add

Search Results

Logged in: SAHSA DELEON

Organization (IRMS)/Facility: SASHA'S CLINIC (5583) / SASHA'S CLINIC

Date: March 2, 2016

New messages to read.

Vaccine Administered Report

This report must be submitted on a monthly basis

Reporter Information

Person Completing Report

SASHA DELEON

Phone Number

Email

Limit Report By

☐ Vaccination Date Range

From:

Through:

☐ Reporting Month

--select--

☒ Facility

SASHA'S CLINIC

Funding Source

All

Back

Reset

Create Report

# SUBMITTING THE DOSES ADMINISTERED REPORT ONLINE

## Washington State Vaccine Administered Report Vaccination Date Range: 02/01/2016 - 02/29/2016

Organization (IRMS): 5583 - SASHA'S CLINIC  
Facility: SASHA'S CLINIC  
VFC Pin: 151010  
Reporting Month: FEBRUARY  
Date Submitted:  
Person completing report: SASHA DELEON  
Phone number: (360)238-3478  
Email: SASHA.DELEON@DOH.WA.GOV

( ) Health Department  
( ) Non-Health Department

Vaccine	Lot Number	Years												Total
		< 1	1	2	3-5	6	7-10	11-12	13-18	19-24	25-44	45-64	65+	
DTaP	P45MC	2	0	0	0	0								2
DTaP	GSK87	0	0	0	0	0								0
	<b>Total</b>	<b>2</b>												<b>2</b>
DTaP-Hib-IPV	DHI30PMC	0	0	0	0									0
	<b>Total</b>													0
Hep A, ped/adol, 2 dose	GSK08		0	0	0	0	0	0	0					0
Hep A, ped/adol, 2 dose	HA10MSD		0	0	0	0	0	0	0					0
	<b>Total</b>													0
Hep B Ped/Adol - Preserv Free	HB40MSD	2	0	0	0	0	1	0	0					3
	<b>Total</b>	<b>2</b>					<b>1</b>							<b>3</b>
HPV, quadrivalent	QUAD1234							0	0					0
	<b>Total</b>													0
Influenza inj quadrivalent w/presv, 36+ mos	II10PMC	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
meningococcal MCV4P	1234A							0	0					0
	<b>Total</b>													0
MMR	LIU583		0	0	0	0	0	0	0					0
	<b>Total</b>													0
Pneumococcal conjugate PCV 13	395HG	2	0	0	0									2
Pneumococcal conjugate PCV 13	PFR13	0	0	0	0									0
	<b>Total</b>	<b>2</b>												<b>2</b>
rotavirus, monovalent	J10JH	0												0
	<b>Total</b>													0

Note: An asterisk next to the lot number denotes a private lot number

Cancel Instructions Edit Save Submit

# PROVIDER OUTREACH EFFORTS



## Training

15+ webinar and in-person trainings  
Numerous 1-on-1 trainings via phone



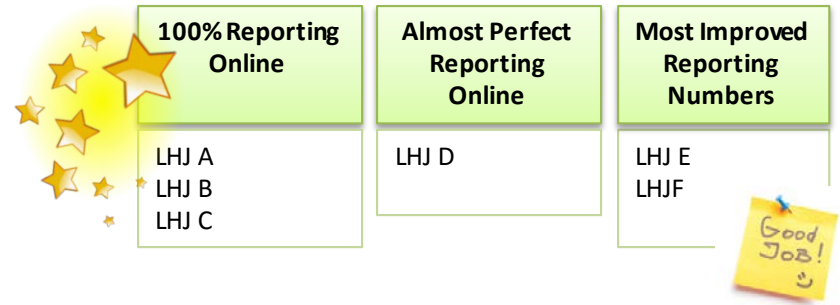
## Materials

Developed a multitude of quick reference guides, PowerPoints, videos

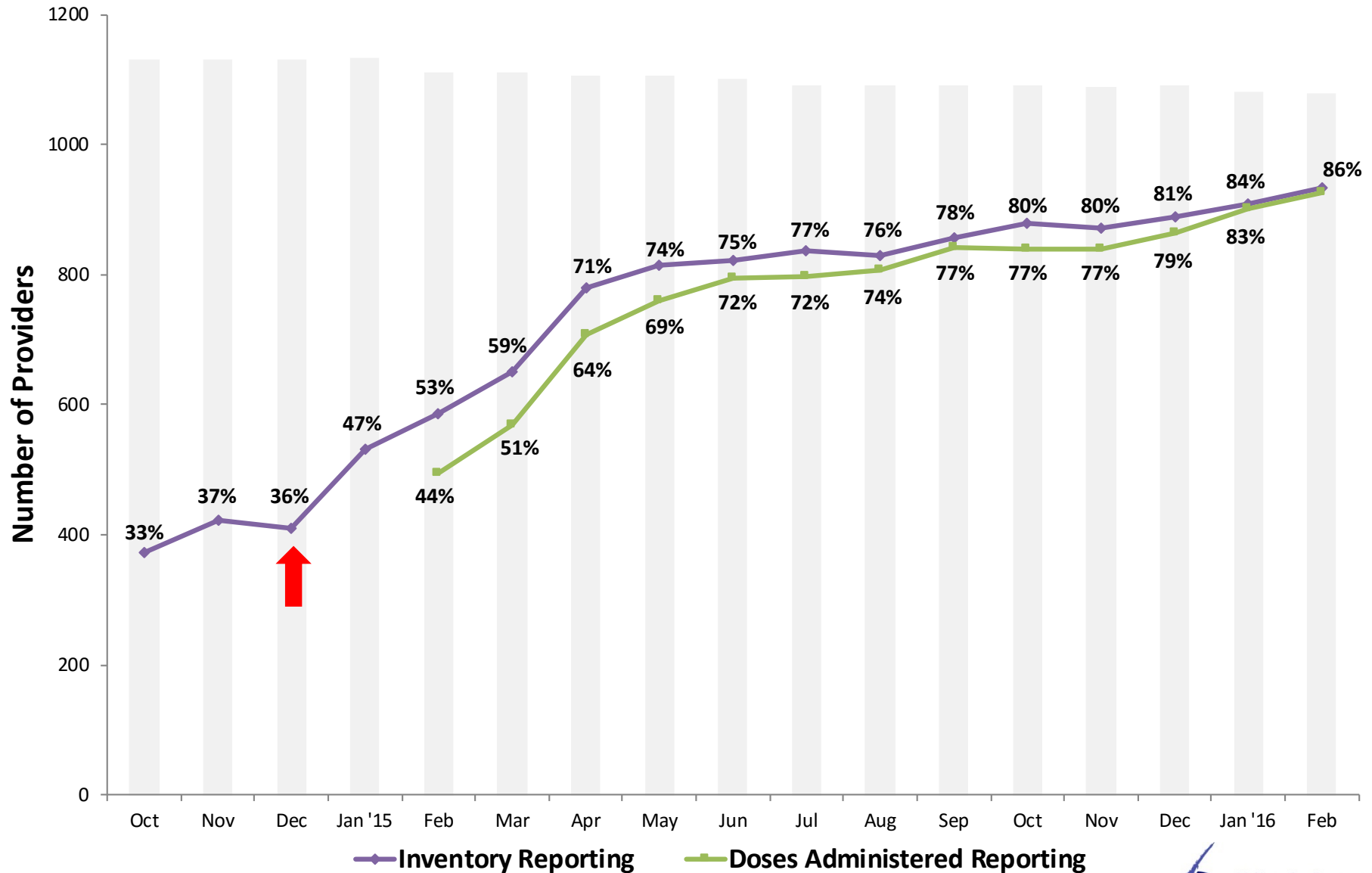


## Track Progress

Weekly updates  
Monthly progress report 'Star charts'



# ONLINE PROVIDER REPORTING IN THE IIS



# SUCCESSSES AND CHALLENGES

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## Successes due to:

- Easy access to, and use of, online tools
- Targeted training
- Continued motivation
- Outreach



## Challenges remaining:

- Bugs in system
- Large number of providers to train
- Staff turnover in provider offices



# ACKNOWLEDGEMENTS

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# QUESTIONS?

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