



OREGON  
**HEALTH**  
AUTHORITY

# Immunization Information Systems, ALERT IIS & Your EHR

# Presenters

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PA2 ALERT IIS Trainer



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Data Exchange  
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# Overview

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1

## Immunization Information Systems

- What is an IIS?
- What is ALERT IIS?

2

## Updates

- Replacement Project
- OIP Training Portal

3

## Data Exchange

- What is Data Exchange?
- Main Methods
- Getting Started and Preparing for Success

# Thought Experiment

1

Immunization  
Information Systems

How well would you track your own vaccines?

Scale of 1 (worst) to 10 (best)

Data: vaccine, date, location

Why track this  
data?

43 shots + 65 flu  
14 vaccine types  
11.7 moves

[CDC Vaccine  
Schedules](#)

[Census Data](#)

1

Immunization Information Systems



Doctor's Office



OB/GYN



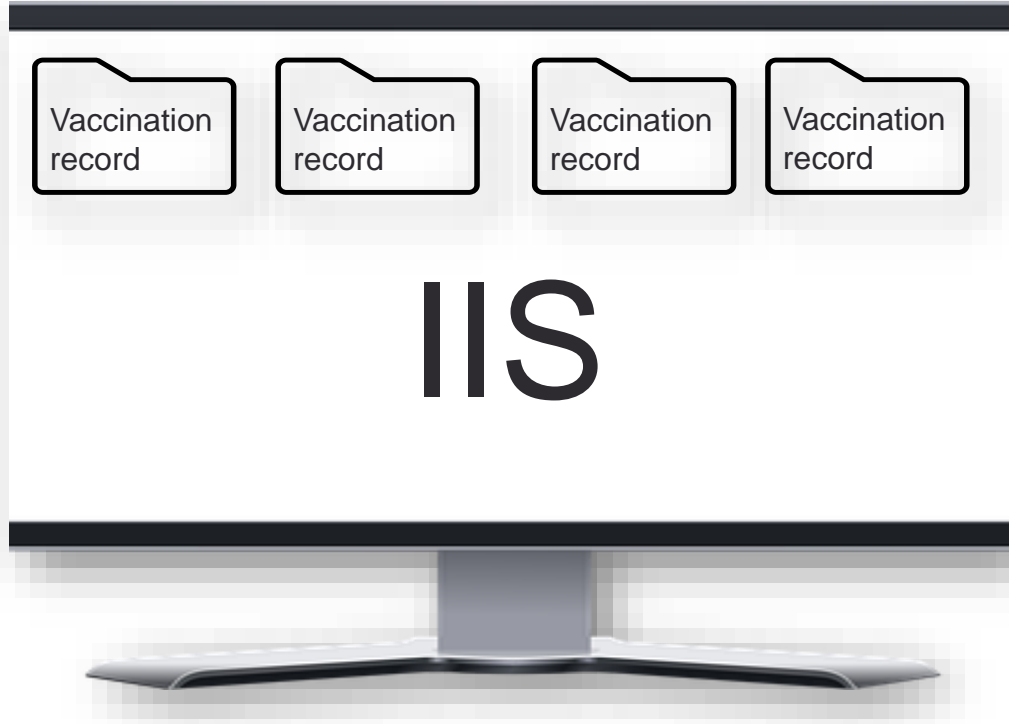
Hospital



Pharmacy



Dentist



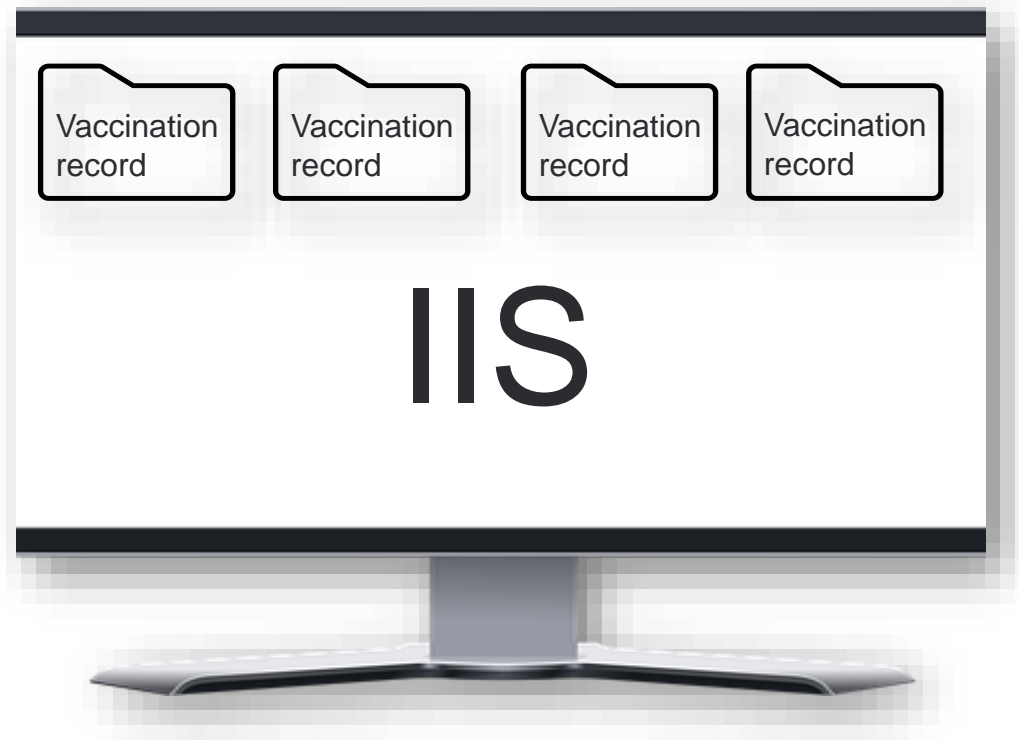
Urgent Care



Public Health Department



Workplace

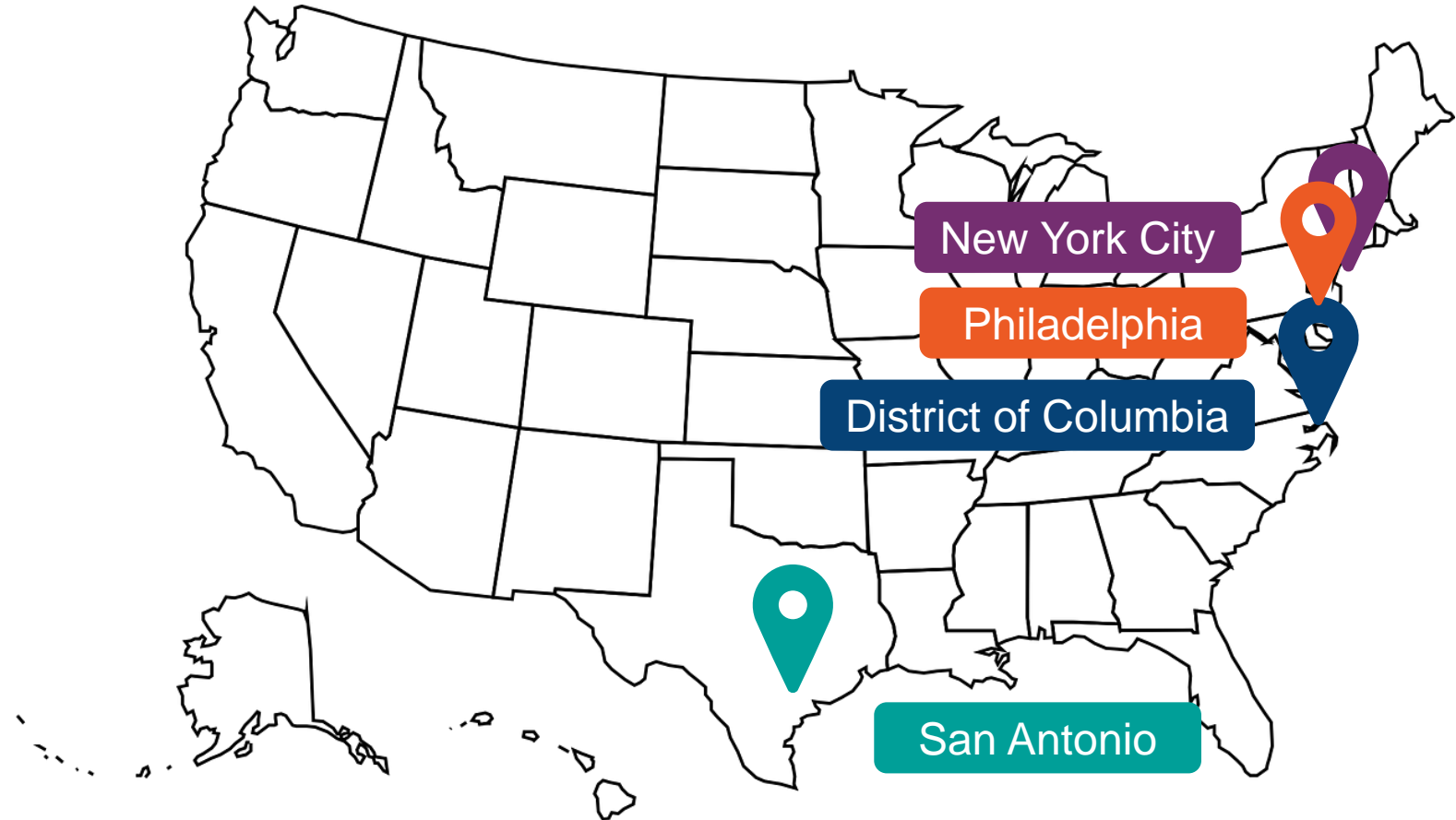


# 62 Immunization Information System

1

Immunization Information Systems

American Samoa
Commonwealth of N. Mariana Islands
Guam
Marshall Islands
Micronesia
Palau
Puerto Rico
Virgin Islands



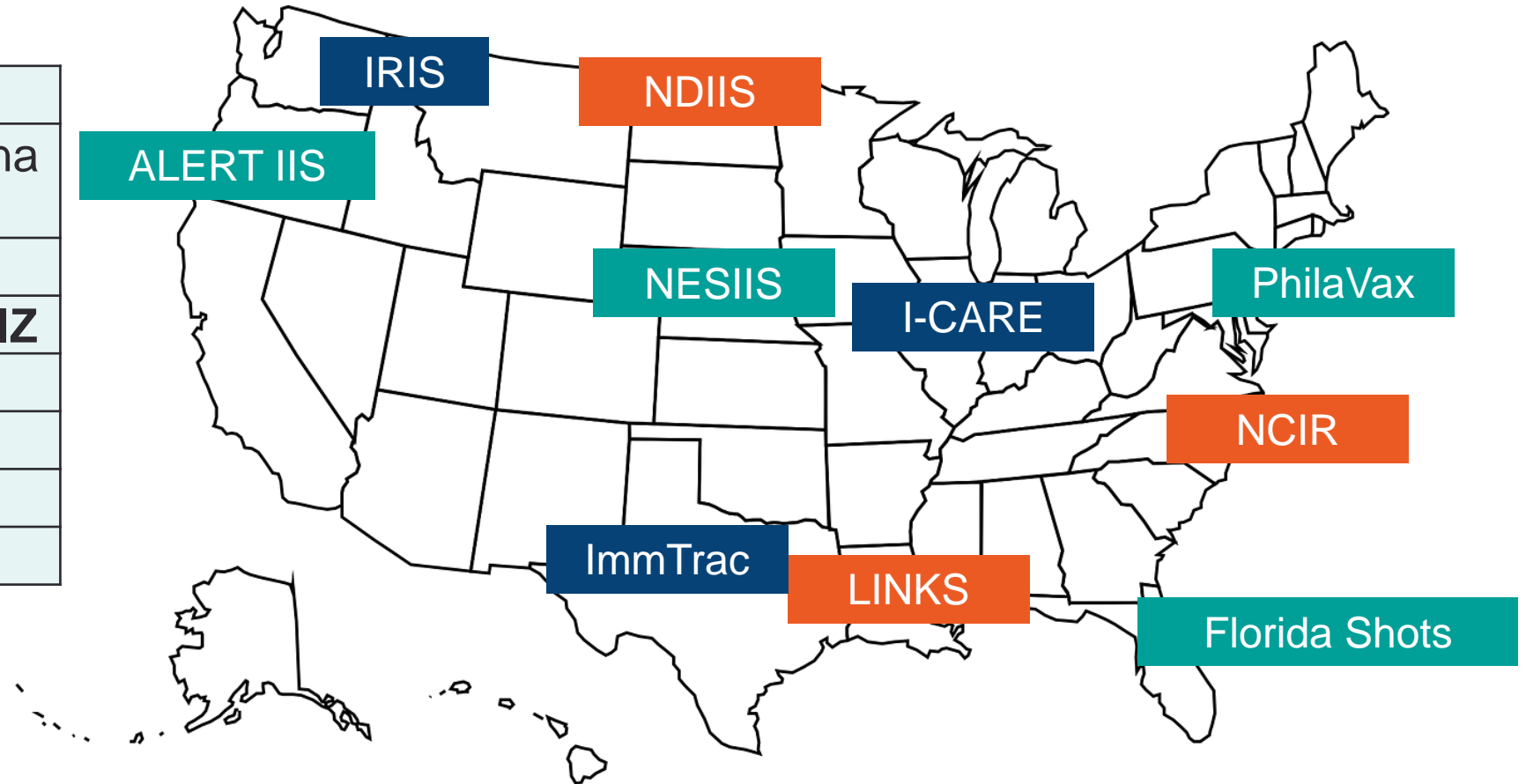
If these existed when you were a kid, how many would have data about you?

# Oregon = ALERT IIS

1

Immunization Information Systems

American Samoa
Commonwealth of N. Mariana Islands
Guam
Marshall Islands - <b>RMI WebIZ</b>
Micronesia
Palau
Puerto Rico - <b>PREIS</b>
Virgin Islands







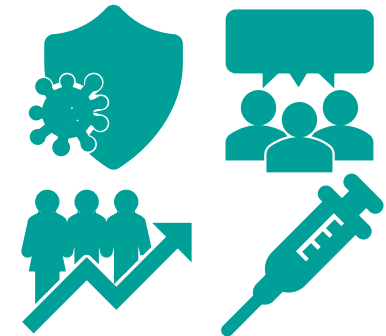
Parents and General Public



Health Care Providers  
Schools & Child Cares

1

Immunization  
Information Systems



Public Health

# Replacement Project

- Multi-year project
  - Goal is end of 2027
- Submitting RFP
- Listening Sessions!

2

Updates

**ALERT** ALERT Immunization Information System

HOME ACCESS RELATED LINKS TRAINING

Production Region  
\*\*\*\*\*

Org Code:

Username:

Password:

Login

\*\*\*\*\*  
DO NOT ATTEMPT TO LOG ON UNLESS YOU ARE AN AUTHORIZED USER.  
\*\*\*\*\*

Forgot Password?

### Hot Topics [HT-1](#) [HT-2](#)

#### Regional Immunization Meetings Posted on 08/05/2024

[Registration](#) is now open. And checkout the [dashboard](#).

We are excited to announce a series of regional meetings to increase statewide vaccine equity and immunization rates and to hear from users about their experience with the ALERT Immunization Information System (IIS) and goals for the replacement IIS.

The first full day will focus on providing equity discussions and building regional partnerships to improve immunization rates in alignment with the Immunization Program's mission. The second half-day will be focused on listening to end users of the current ALERT IIS to ensure our IIS Replacement Project plan reflects users' needs and is inclusive, accessible, and equitable.

Everyone involved in or interested in immunization work is invited to attend. Please [register](#).

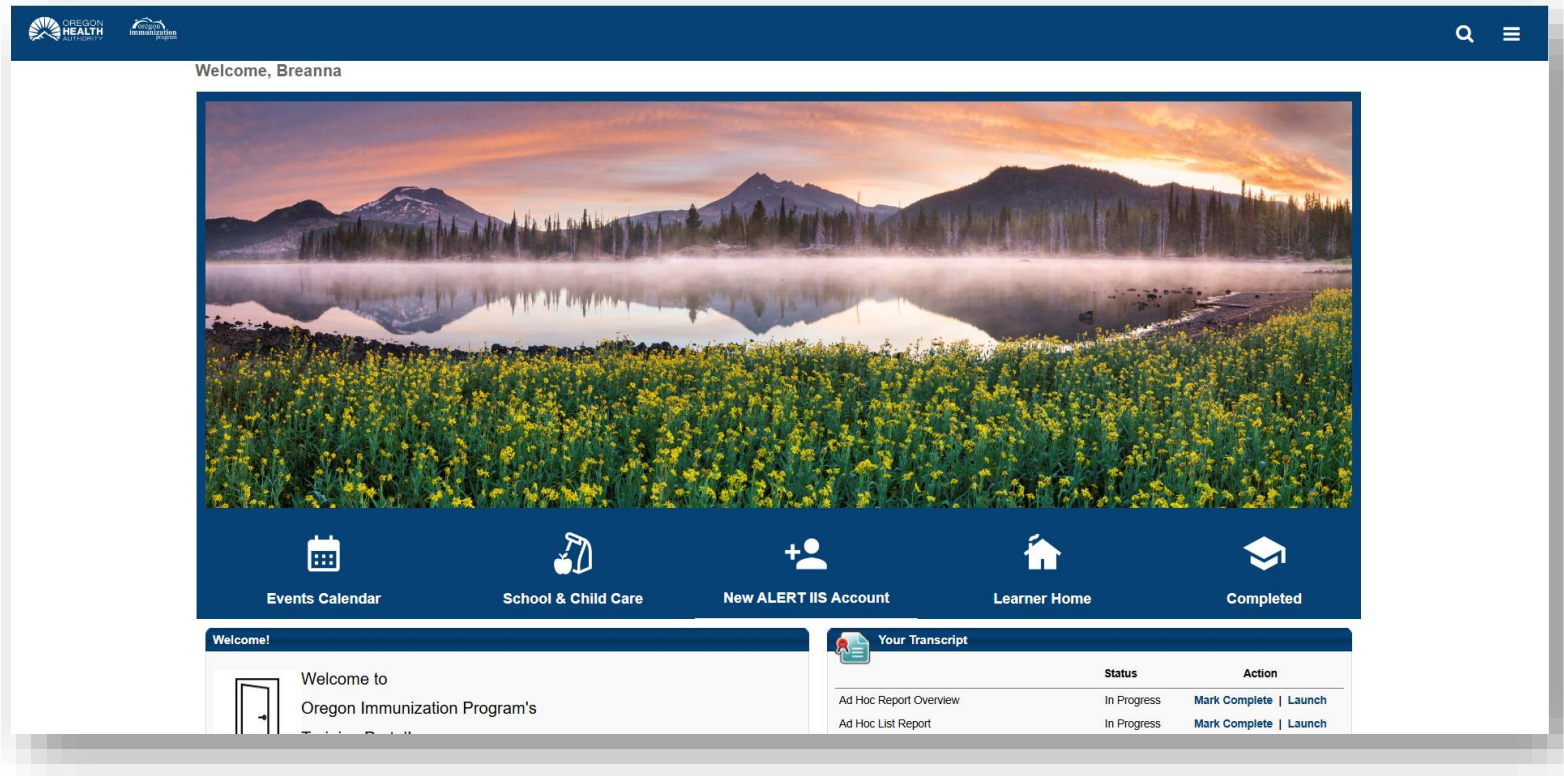
#### Location & Dates

- Ontario - August 27 & 28
- Pendleton - August 29 & 30
- Redmond - September 9 & 10
- Klamath Falls - October 10 & 11
- Coos Bay - October 15 & 16
- Hood River - October 21 & 22
- McMinnville - October 29 & 30

# OIP Training Portal

2

Updates



## Building Phase

- Standard (review)
- VFC Overview
- Inventory
- Other changes are coming!

[oip.csod.com](http://oip.csod.com)

# What is Data Exchange (DX)

- The ability for 2 or more computer systems to exchange information and use information that has been exchanged.

## Interoperability



# Main Methods of Data Exchange

3

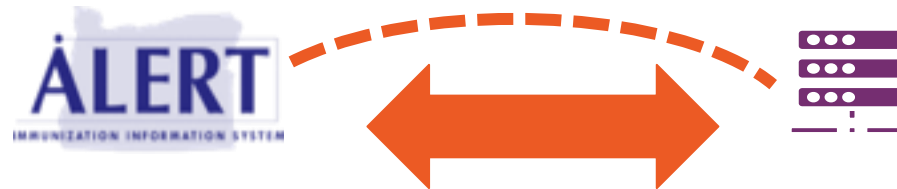
Data Exchange



Partners message ALERT IIS to:

- Look up patient histories
- Submit vaccination records

- **Bidirectional DX**



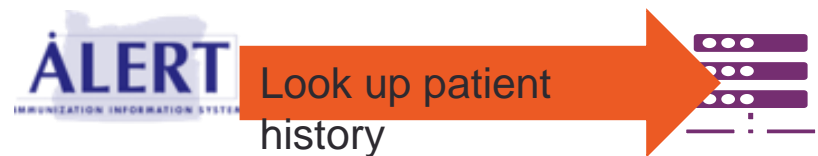
- 90% of IIS data is sent via bidirectional DX
- 95% of the data is sent, same day

- **Unidirectional DX**

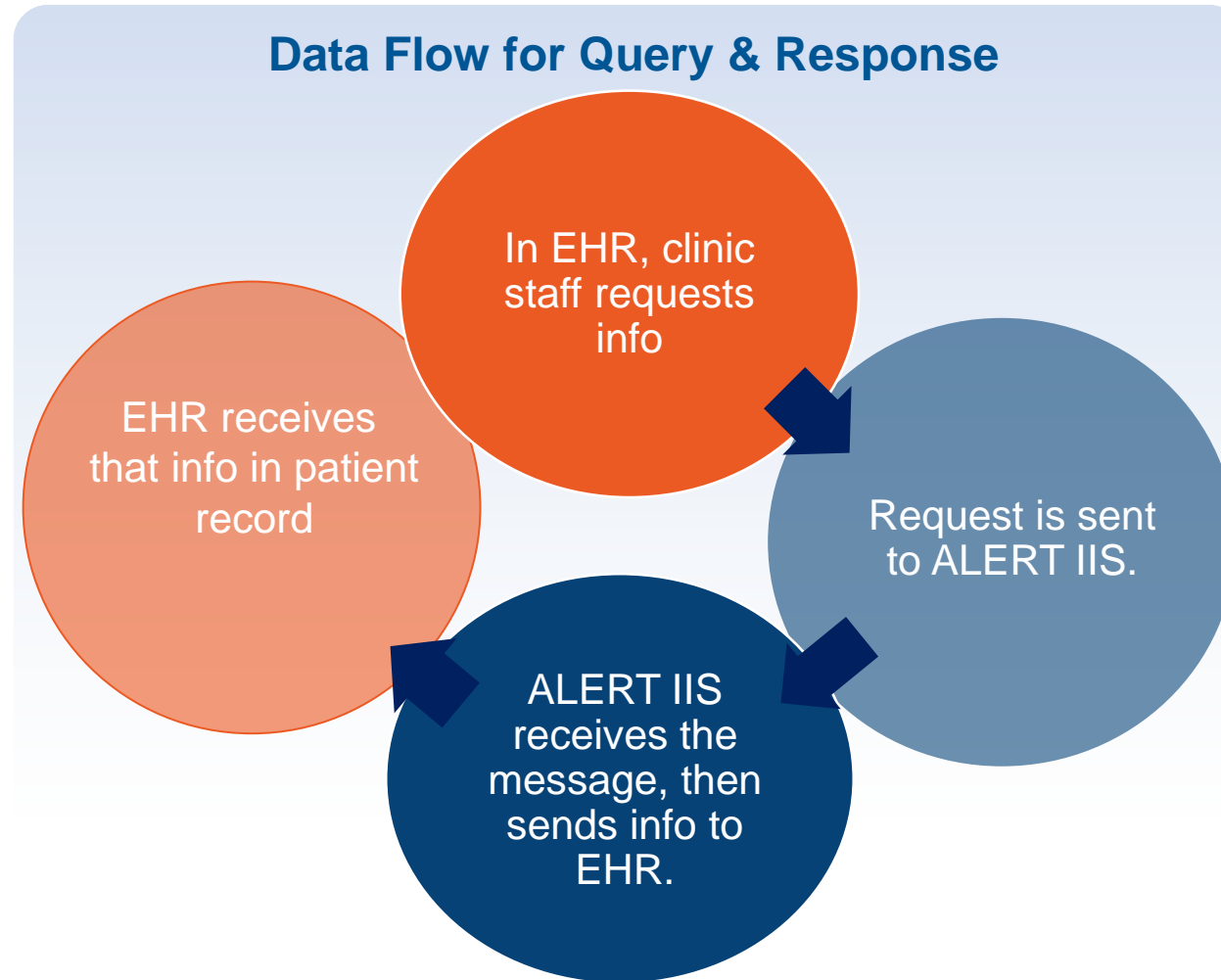
- **Reporting Only**



- **Query Only**



# Look Up Vaccine History ALERT IIS

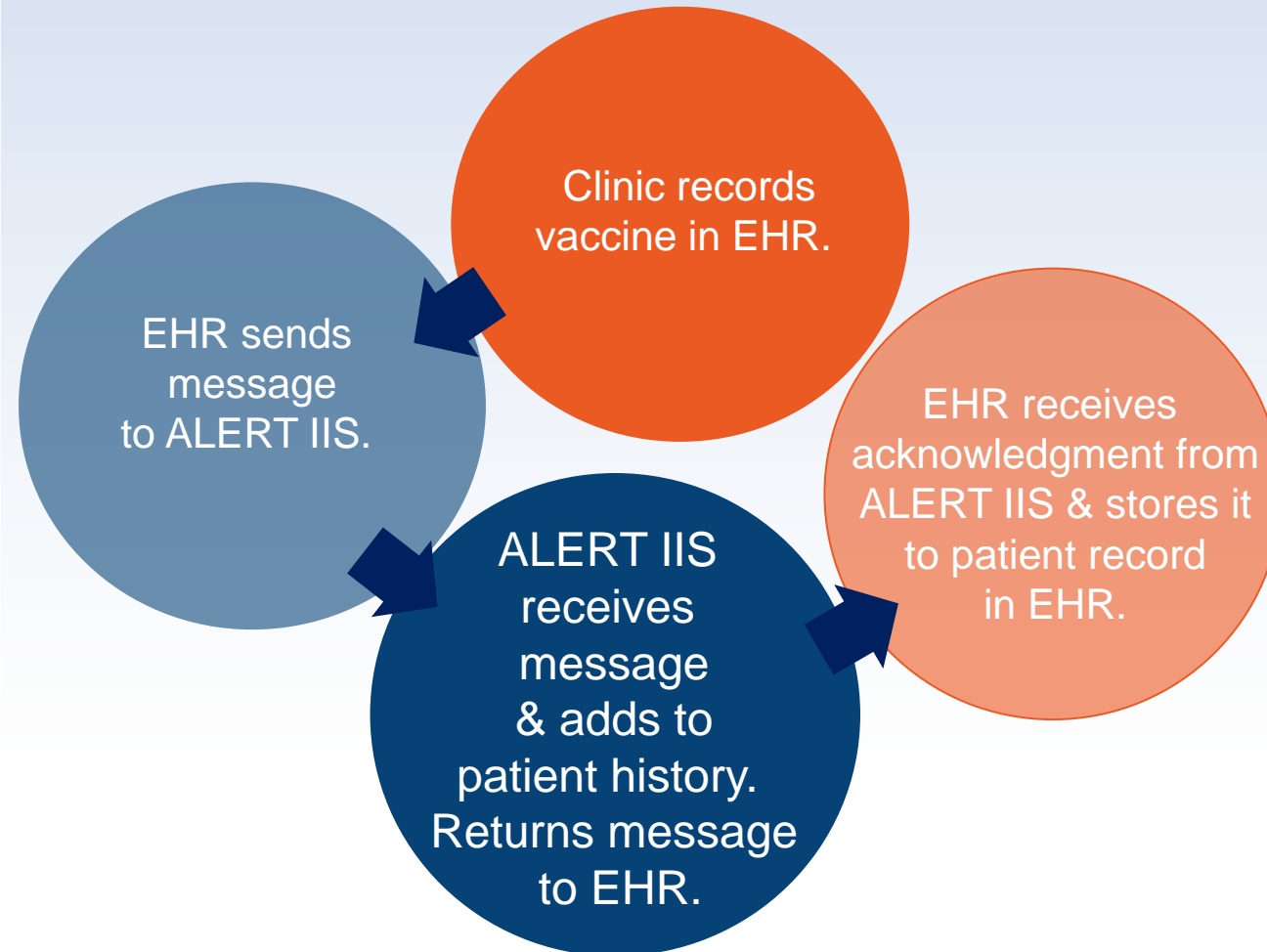


# Submit an Immunization Record to ALERT IIS

3

Data Exchange

## Data Flow for Vaccine Report & Acknowledgement



# Getting Started with ALERT IIS DX

Organizations must:

1. [Enroll with ALERT IIS](#)
2. [Request onboarding to ALERT IIS DX](#)

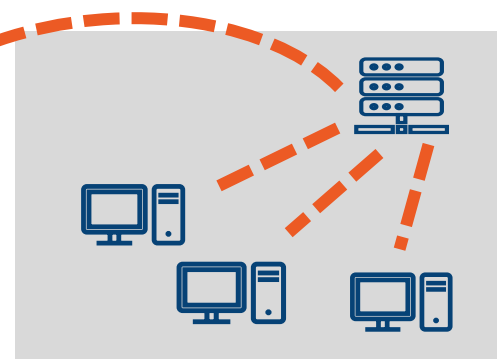
More information on [ALERT IIS DX Webpage](#)



# Preparing for Success with DX

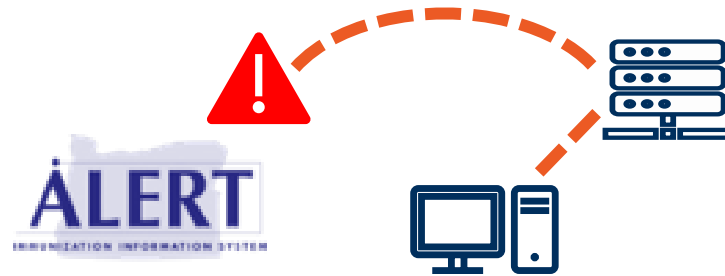


**ALERT**  
IMMUNIZATION INFORMATION SYSTEM



- Know how to contact the ALERT IIS DX Team
  - Questions and technical assistance
- Know how to contact your EHR system support team
  - EHR support must be involved in:
    - The DX onboarding process,
    - Troubleshooting issues,
    - Communicating changes or updates.

# Preparing for Success with DX



Know who, on your staff, is responsible for monitoring the data quality.

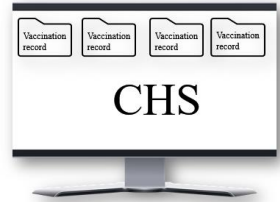
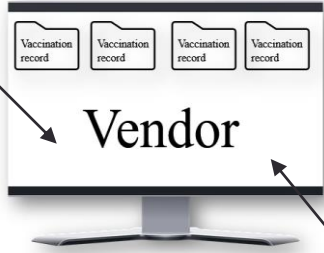
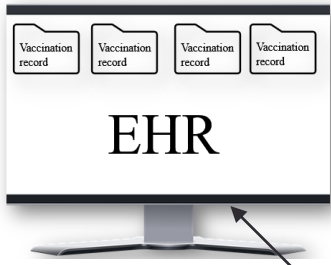
## Be aware of:

- Changes in vendors (new EHR, new sending vendor)
- Recent system updates (IIS, EHR, and/or new sending vendor)
- The connection between your EHR and sending vendor
- Upcoming system maintenance

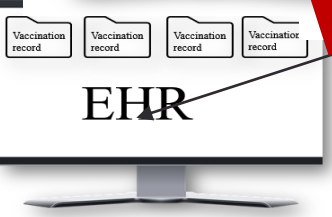
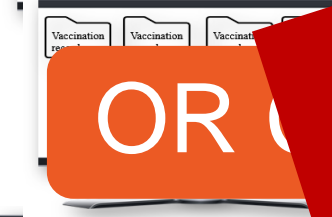
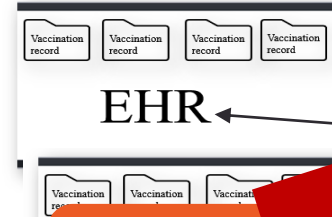
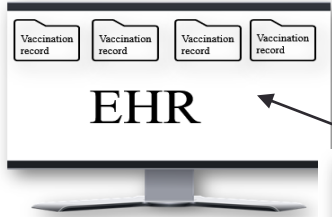
*New!*

- ALERT IIS Data Exchange Report is now available to Standard and Super Users!
- [ALERT IIS Data Monitoring Course](#)

Data



Vital Statistics  
Oregon



Oregon

- ACDP, WIC, MMIS, EDHI, ORKids,

Other States

- Nevada – DONE!
- WA, ID & NM up next

**IMPRESSIVE**

Federal Agencies

- CDC non-identifiable data (not shared with other federal agencies)
- VHA (OR, some WA)

ALERT IIS  
Oregon

# Thank you

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- Data Exchange Team
  - [ALERT\\_DataExchange@odhsoha.Oregon.gov](mailto:ALERT_DataExchange@odhsoha.Oregon.gov)
  - [Changes/Updates to Your EHR or Existing Connection Form](#)
- Training Team
  - [OIP.Training@odhsoha.Oregon.gov](mailto:OIP.Training@odhsoha.Oregon.gov)