
Immunization Information Systems, ALERT IIS & Your EHR



OREGON IMMUNIZATION DEPARTMENT
Public Health Division

Presenters



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Overview

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



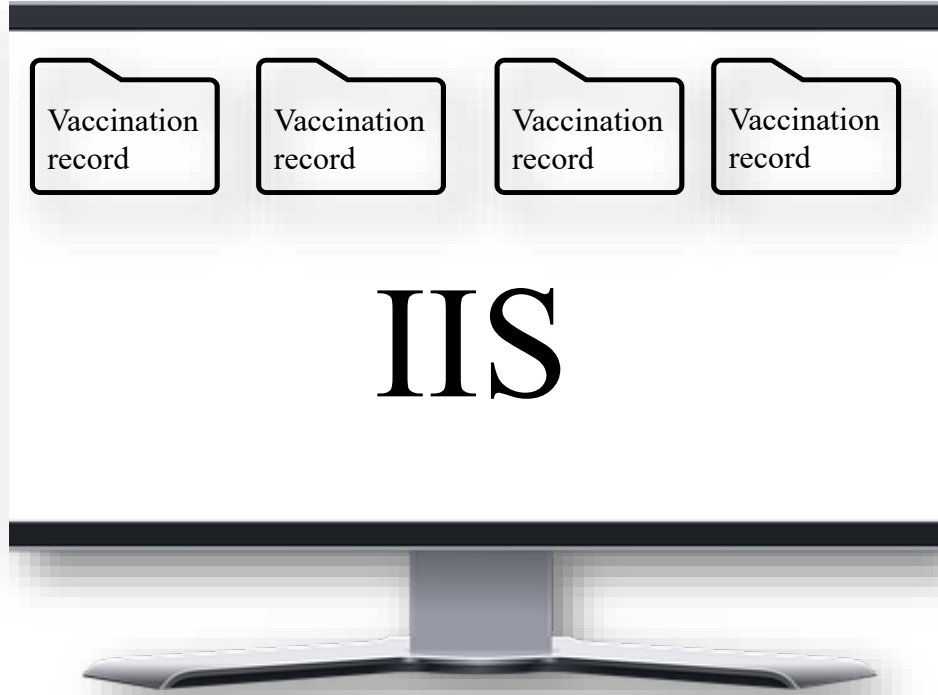
Hospital



Pharmacy



Dentist



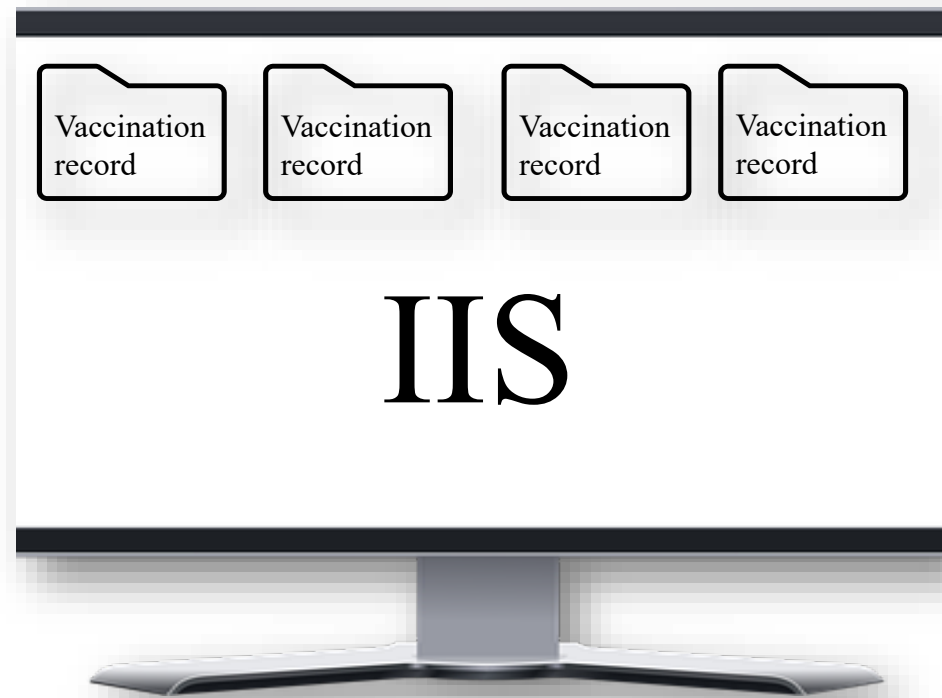
Urgent Care



Public Health Department



Workplace

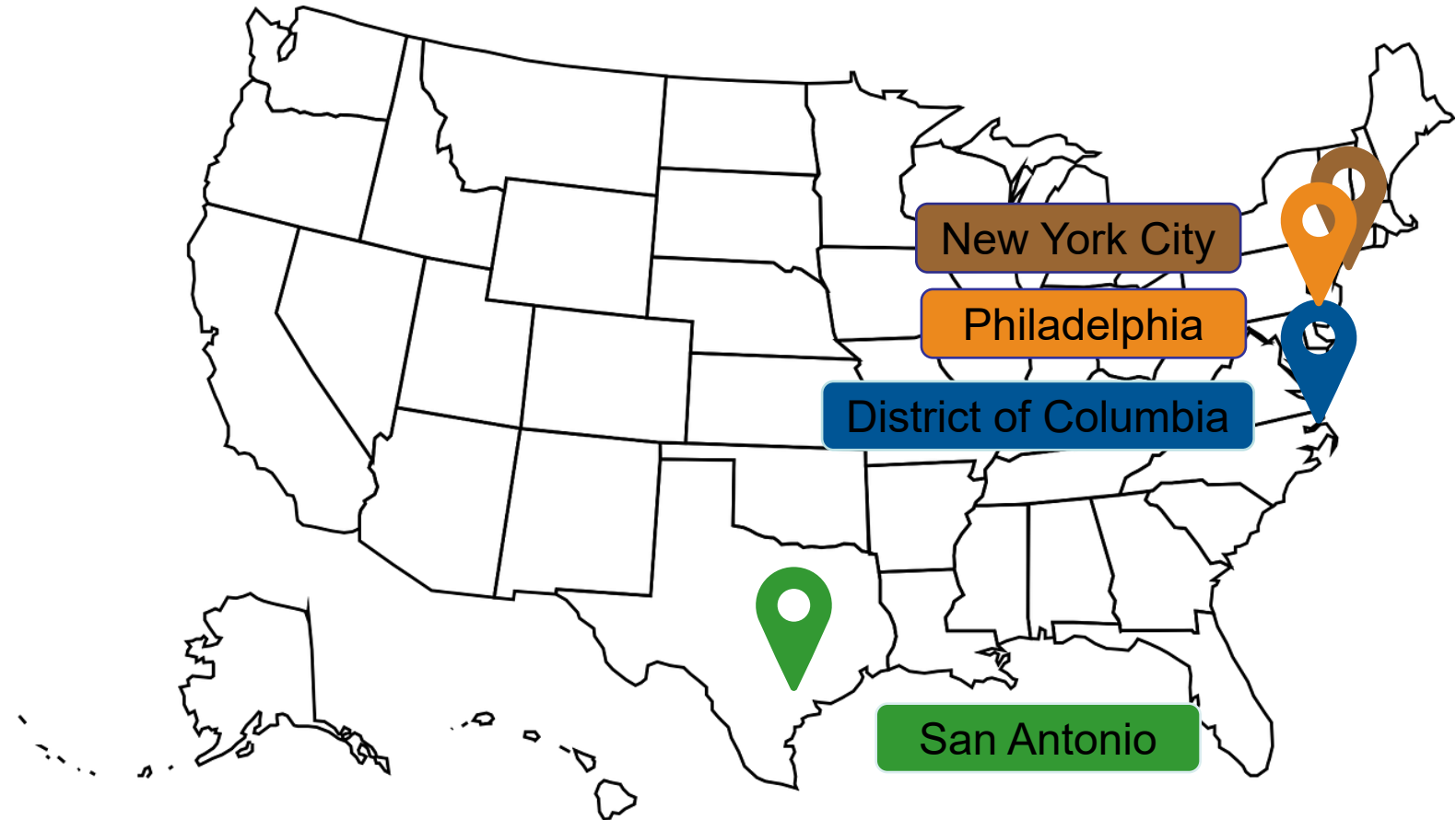


62 Immunization Information Systems

1

Immunization
Information Systems

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



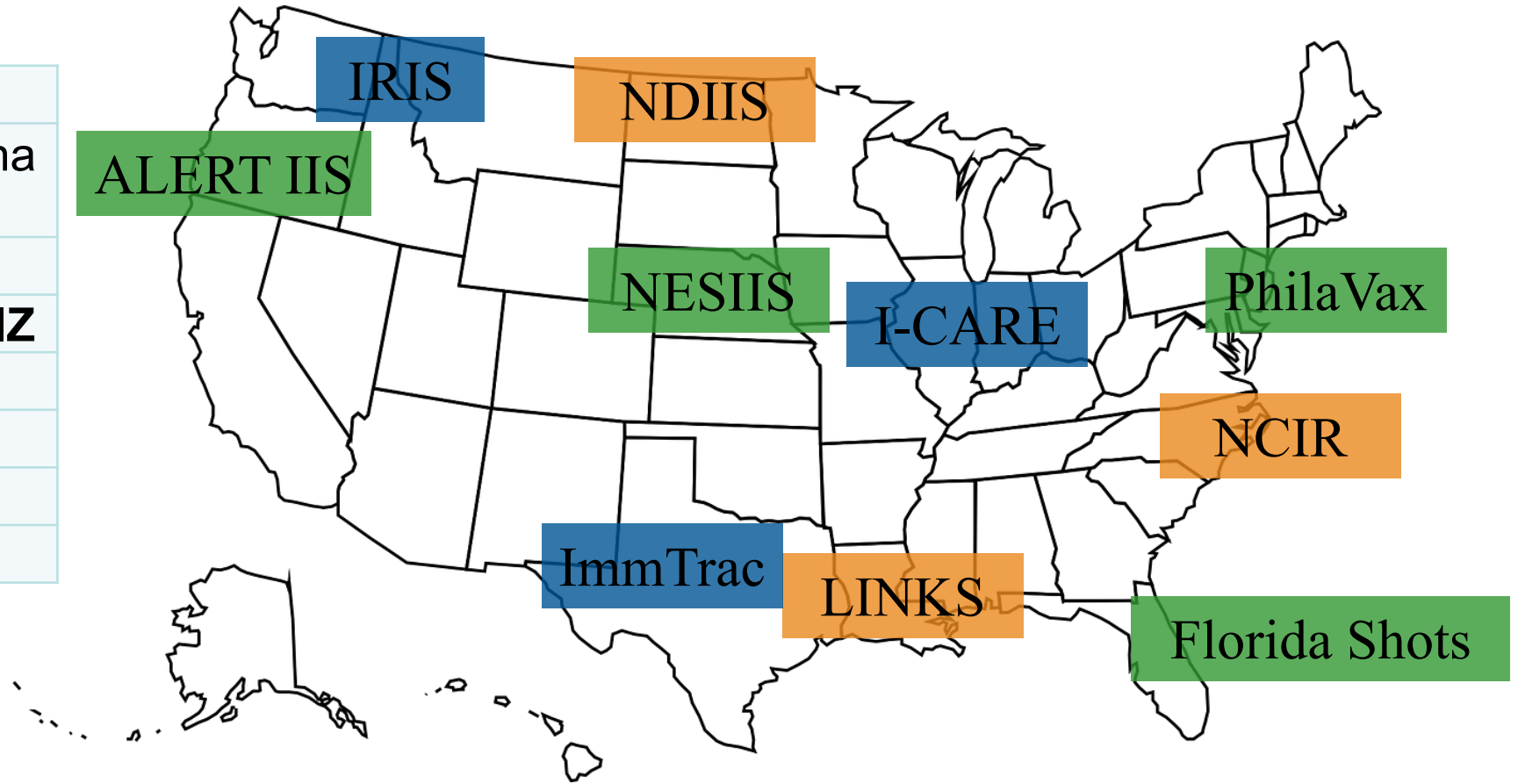
If these existed when you were a kid, how many would have data about you?

Oregon = ALERT IIS

1

Immunization Information Systems

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



1

Immunization Information Systems



Parents and General Public



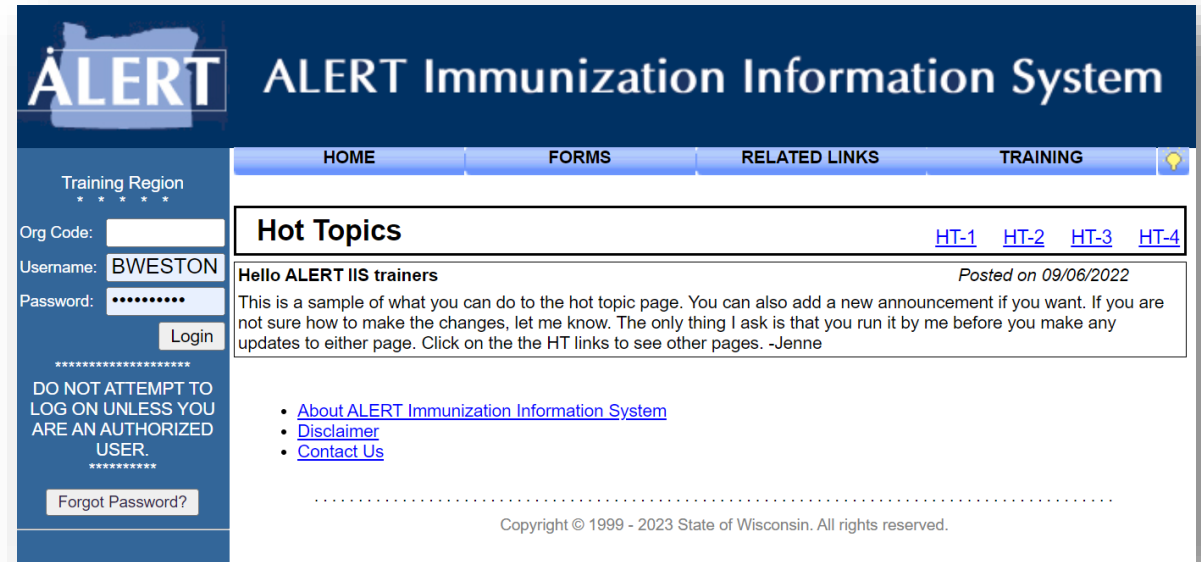
Health Care Providers
Schools & Child Care



Public Health

Replacement Project

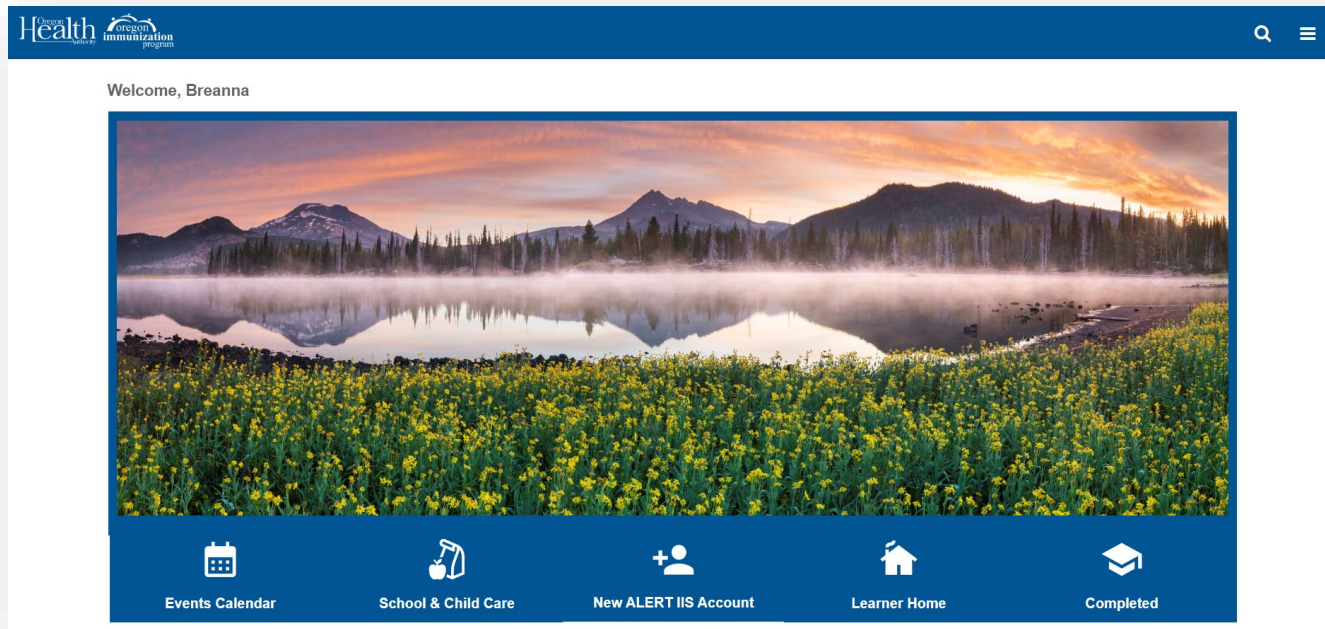
- Multi-year project
 - Goal is end of 2027
- Submitting RFP
- Listening Sessions!



OIP Training Portal

2

Updates



oip.csod.com

- Updated Required VFC trainings
- New Data Monitoring course
- New on-demand Reminder-Recall
- Building phase

What is Data Exchange (DX)

3

Data Exchange

- 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

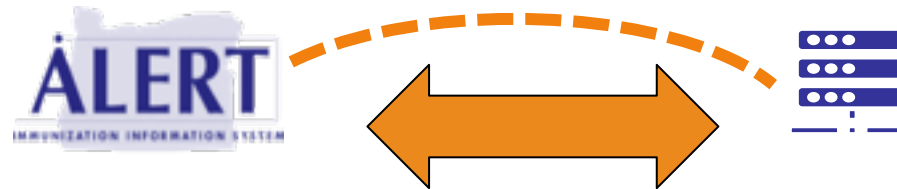
Data Exchange



Partners message ALERT IIS to:

- Look up patient histories
- Submit vaccination records

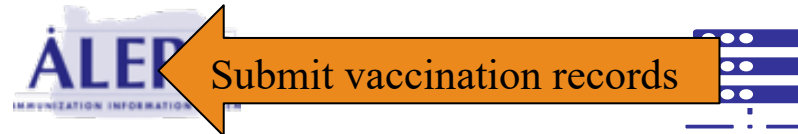
- **Bidirectional DX**



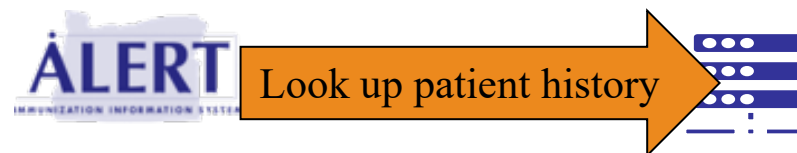
- 90% of IIS data is sent via bidirectional DX
- 95% of the data is sent, same day

- **Unidirectional DX**

- **Reporting Only**



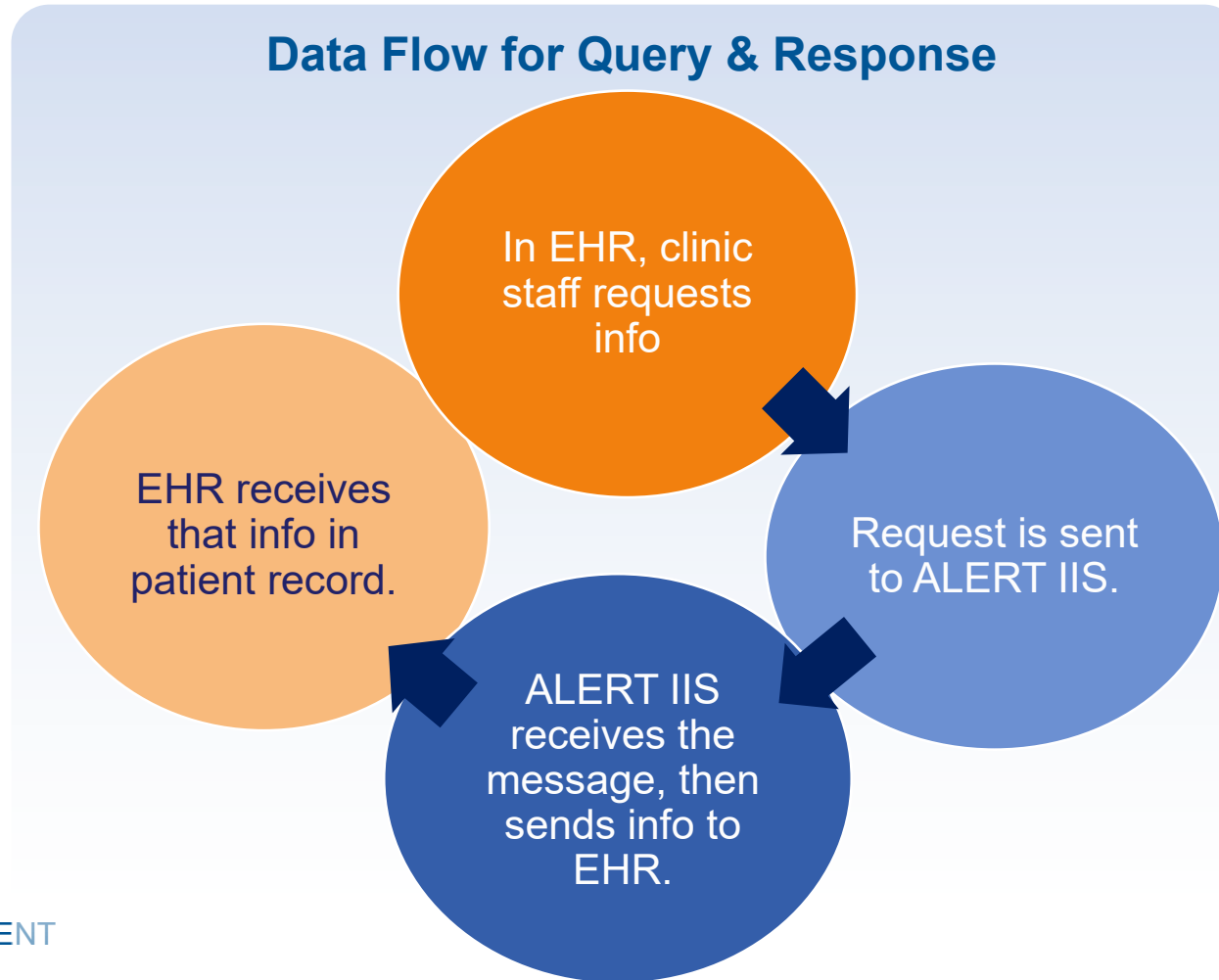
- **Query Only**



Look Up Vaccine History ALERT IIS

3

Data Exchange

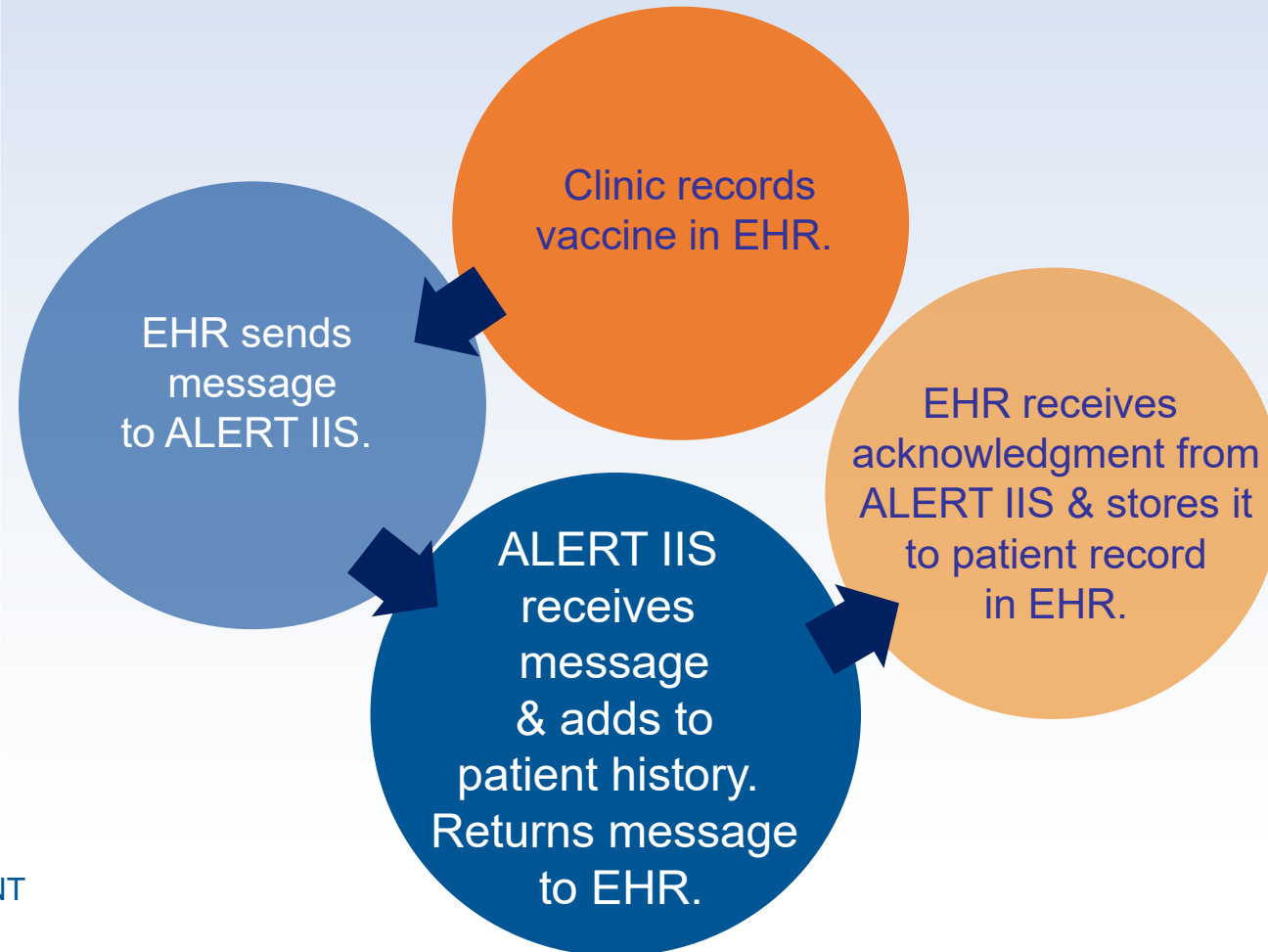


Submit an Immunization Record to ALERT IIS

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](#)

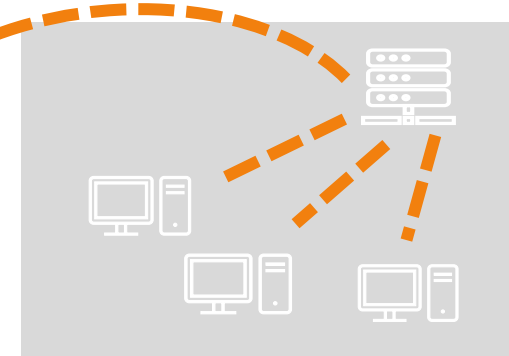
Preparing for Success with DX

3

Data Exchange



ALERT
IMMUNIZATION INFORMATION SYSTEM

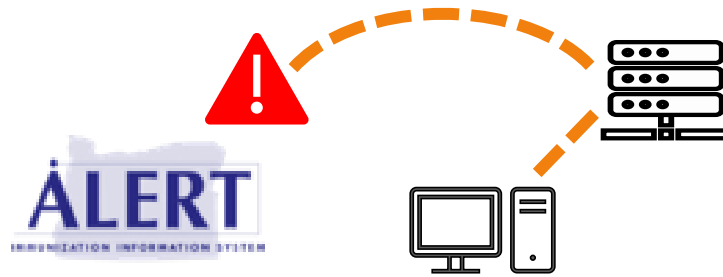


- Know how to contact the ALERT IIS DX Team
 - Questions and technical assistance
- Know how to contact your EHR system support team
 - EHR support must be involved in:
 - The DX onboarding process,
 - Troubleshooting issues,
 - Communicating changes or updates.

Preparing for Success with DX

3

Data Exchange



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

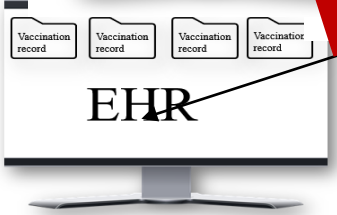
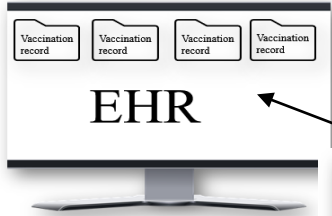
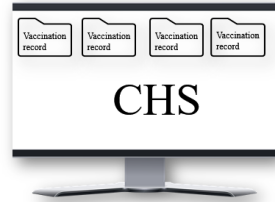
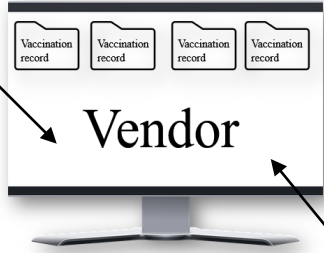
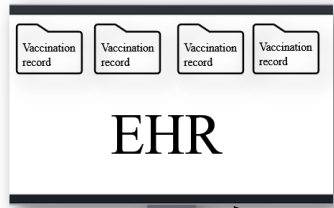
Be aware of:

- 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

ALERT IIS
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)

Email Addresses

- Data Exchange Team

- ALERT_DataExchange@odhsoha.Oregon.gov

- [Changes/Updates to Your EHR or Existing Connection Form](#)

- Training Team

- OIP.Training@odhsoha.Oregon.gov