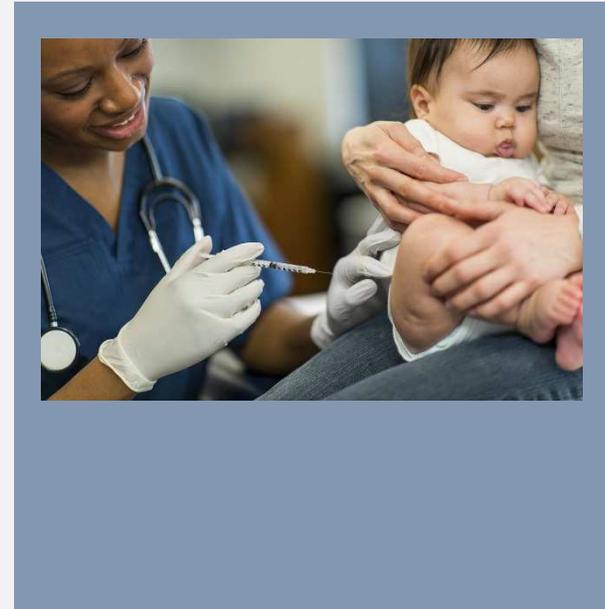




**Successful partnership strategies
Immunization records & data submission**



Overview



1. Introduction to ALERT IIS
2. The partners
3. The benefits of sharing
4. The challenges of electronic sharing
5. Strategies to keep the data flowing





ALERT IIS

Confidential, population-based, database

Collects and consolidates all immunization doses by participating providers

All ages, all immunizations

Provides clinical decision support at the point of care





ALERT IIS

Data used for

1. Surveillance and preparedness activities
2. Research and epidemiology
3. Calculating immunization rates

Guides public health action and goals around improving rates and reducing preventable disease





ALERT IIS



CLIENT RECORDS

6_M

IMMUNIZATION
RECORDS

54_M

ACTIVE IIS USERS

12_k

Data Partners - Immunizers



Private clinics

Public clinics

Local Health Departments

School-based Health Centers

FQHCs

Hospitals

Emergency Rooms

Pharmacies

University Health Centers

Data partners - secondary reporters



DMAP

Health Plans

Other State IIS

Vital Records

Public Health agencies

How partners use ALERT IIS data

Clinicians

Forecasting immunizations due
Reminder/recall
Vaccine inventory management
Reports

Health Plans

HEDIS
Quality Improvement
Reminder/Recall

[LEARN MORE](#)

[LEARN MORE](#)

[LEARN MORE](#)

How partners use ALERT IIS data

**Schools, Preschools,
Child care facilities**

**Certificate of immunization
status**

**Public Health (Local, State,
National)**

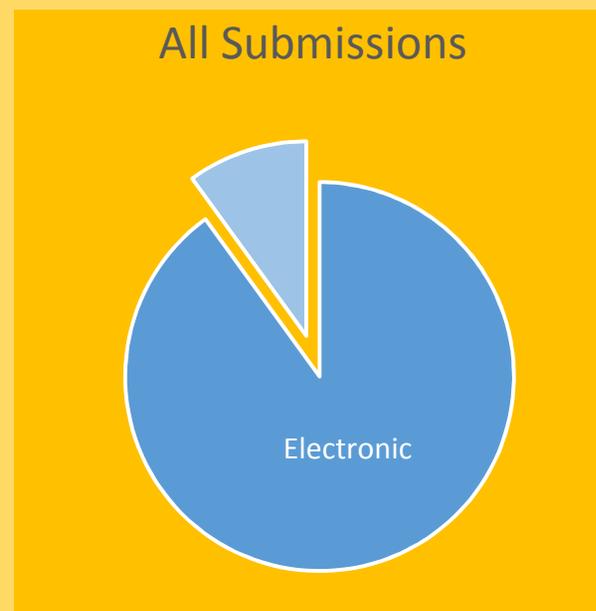
**Assessment
Evaluation
Surveillance
Sentinel Site**

[LEARN MORE](#)

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[LEARN MORE](#)

How partners submit data



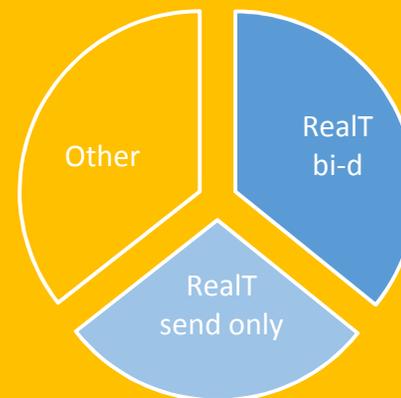
90% send electronically, via EHR interface

10% enter directly into ALERT IIS

Most data is coming to ALERT IIS in real-time, often within seconds of being recorded in the EHR.

How partners submit data

Electronic Methods



1,413 electronic submitters, at clinic level

916 real-time

Query messaging (bidirectional exchange) is on the rise

2015 data traffic



20,000 queries a day

Expected ↑ in stage 3 of Meaningful Use

9 M searches and queries by EHRs/year

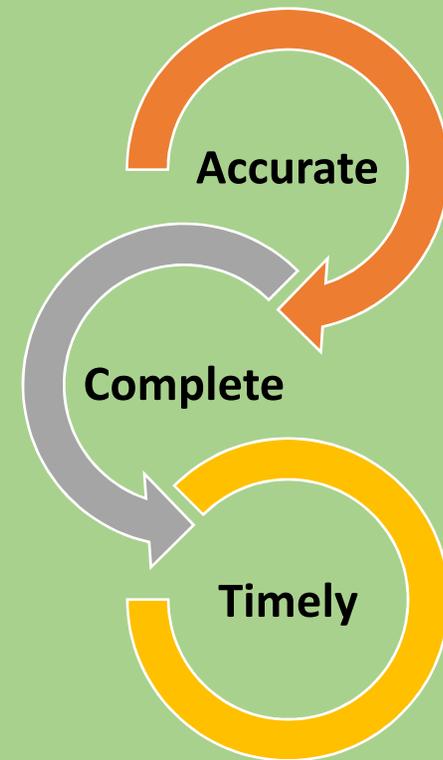
20% ↑ in same day receipt of immunization events (since 2012)

Benefits



- Robust reporting capability**
- Patient immunizations due/history**
- Clinic-level reporting for improving rates**
- Support for monitoring VFC compliance**
- Inventory management**

Data quality considerations



Technology is constantly changing

Interfaces must be tested

Partnership is essential

Commitment and allocation of resources is necessary

ALERT IIS team role



Ongoing and annual review of data

Nationally promoted best practices for data validation, data deduplication, and data exchange.

Rely on our partners, colleagues, and systems to be good caretakers (stewards) of the data.

The clinic role



Clinical staff are essential partners in data stewardship.

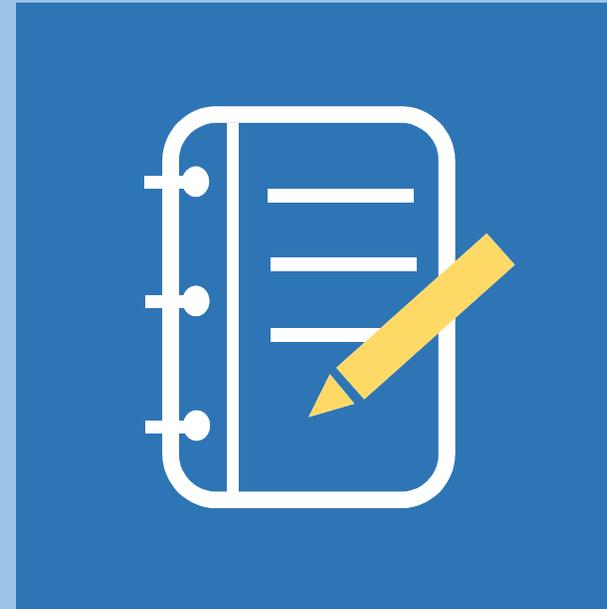
Successful organizational partners:

- Include clinic staff in the data stewardship team.
- Providing training in data transmission monitoring to clinic staff.

Tips for clinic partners

Remember -

*Data in ALERT IIS is
only as good as what is
submitted.*



Monitor data submission

Compare & reconcile data submitted to ALERT IIS with reports

Review data exchange errors in EHR

Follow up with ALERT team or EHR vendor when issues ID'd

Resolve and monitor



4 steps to resolve discrepancies

Identify & Assess

Is data missing or incorrect? Can you rule out data entry or workflow as the cause?

Monitor

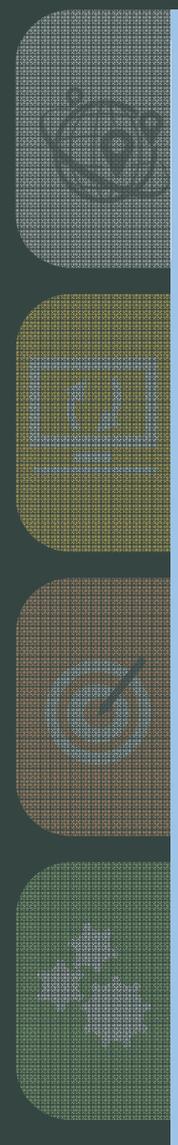
Data submission to ensure it doesn't return.

Resolve

Correct ongoing issues first, clean up data second.

Prevent

Provide training, improve data entry workflows, test EHR interface when systems are updated.



Common issues



Immunizations missing from ALERT IIS

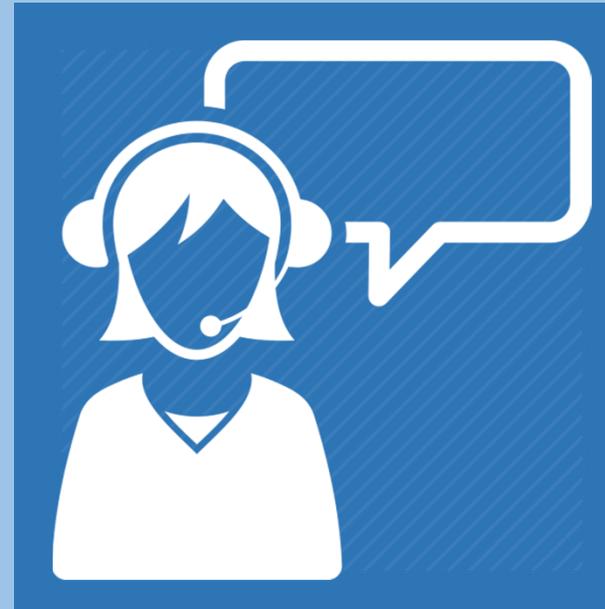
Vaccine eligibility codes missing

Inventory not deducting

Duplicate immunizations, duplicate patients



For further assistance...



**ALERT IIS Help Desk
M-F, 9-4
800-980-9431
alertiis@state.or.us**



ALERT IIS training resources

Live webinars/on-demand content

Learn more about ALERT IIS reports used to monitor data submission

The image shows a screenshot of the ALERT IIS website. The main header reads "ALERT Immunization Information System". Below the header is a navigation bar with links for HOME, FORMS, RELATED LINKS, and TRAINING. On the left side, there is a login section with fields for Org Code, Username, and Password, and a "Login" button. Below the login section, there is a warning: "DO NOT ATTEMPT TO LOG ON UNLESS YOU ARE AN AUTHORIZED USER." and a "Forgot Password?" button. The main content area features a "Hot Topics" section with a "NOTICE: ALERT IIS Help Desk Changes" posted on 11/18/2015. A "Public Health" dropdown menu is open, highlighting "ALERT Immunization Information System" and listing various training resources such as "Enrollment in ALERT IIS", "Adult Provider Resources", "Basic Training", "Super User Training", "ALERT IIS Reports Training", "Patient Query-View Only Access", "Vaccine Inventory Training", and "Vaccine Ordering Training". The bottom of the page includes a "2-1-1" logo and a "Related Links" section with links to "Immunization Requirements for School and Child Care", "Provider Resources", "Oregon Model Standing Orders", "Access ALERT IIS (Providers and Schools)", and "Contact Us".