



**AIRA**  
AMERICAN IMMUNIZATION  
REGISTRY ASSOCIATION

# IIS Measurement and Improvement (M&I)

Public Health Data Systems Task Force  
August 2022



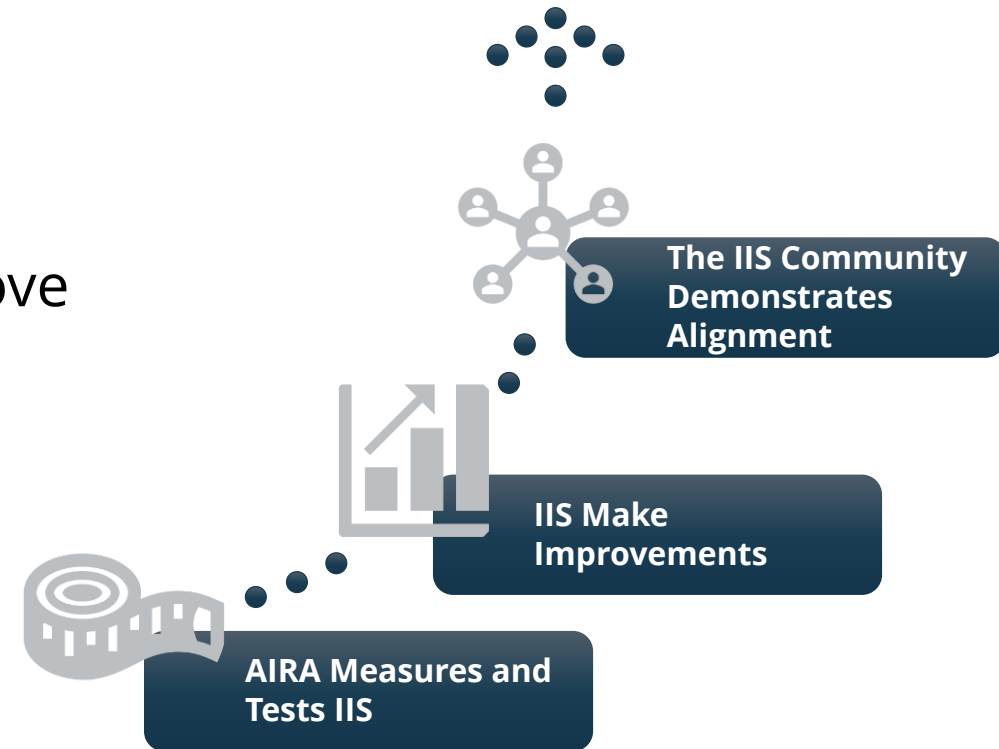
# AIRA's Measurement and Improvement Initiative (M&I)

M&I began in 2015 in collaboration with CDC as an effort to:

- Test IIS alignment with standards
- Provide IIS with info and assistance to improve

All testing is conducted by AIRA through:

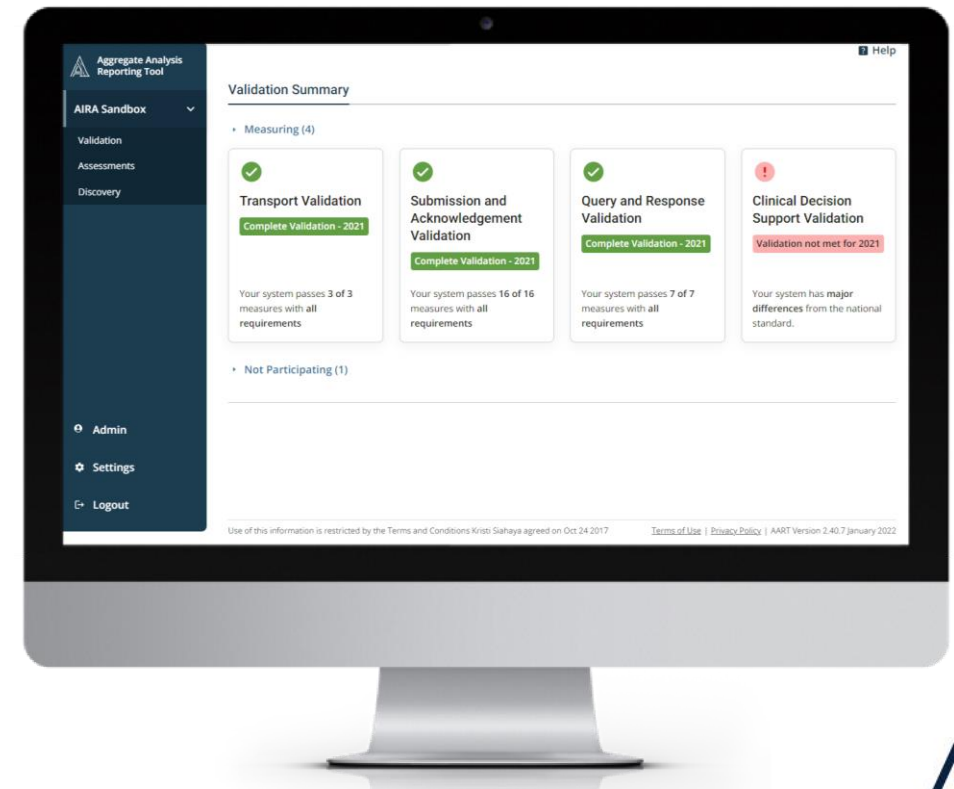
- Connecting with pre-production systems and/or analyzing deidentified data
- Sharing results via the Aggregate Analysis Reporting Tool (AART)





# AART User Interface

- All results from Measurement and Improvement are available to IIS and Immunization Programs to review and share within the AART application
- At **Validation** stage, results become available to the general public





Pre-Measurement

Testing & Discovery

Assessment

Validation

### Current Content Areas

Transport

**Submission/Acknowledgement**

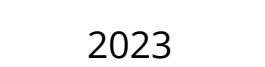
**Query/Response**

Clinical Decision Support

Data Quality Incoming/Ongoing

Data at Rest

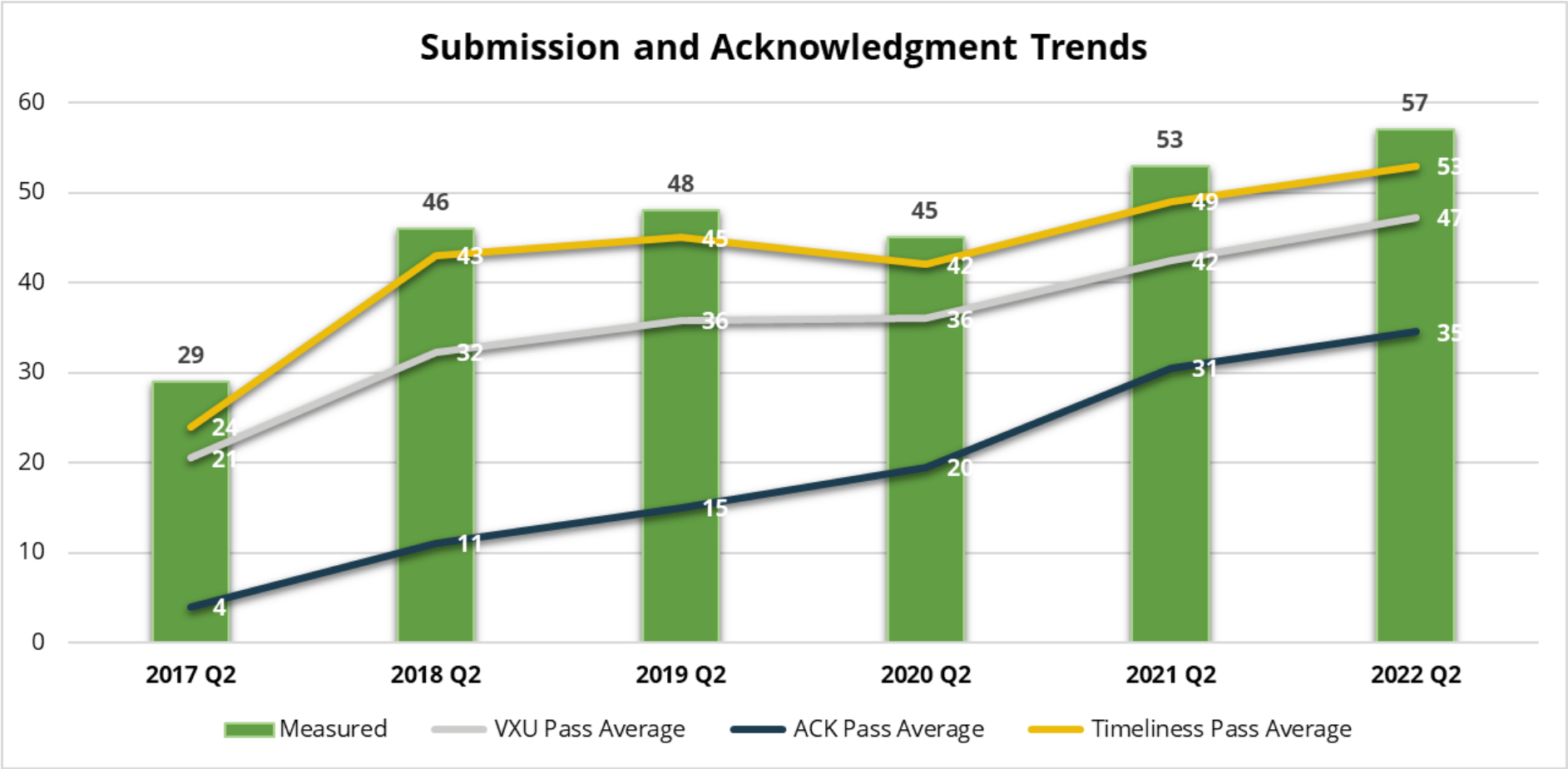
Provider Participation, Pt & Vacc Matching, Pt & Vacc Saturation, Onboarding, & Security



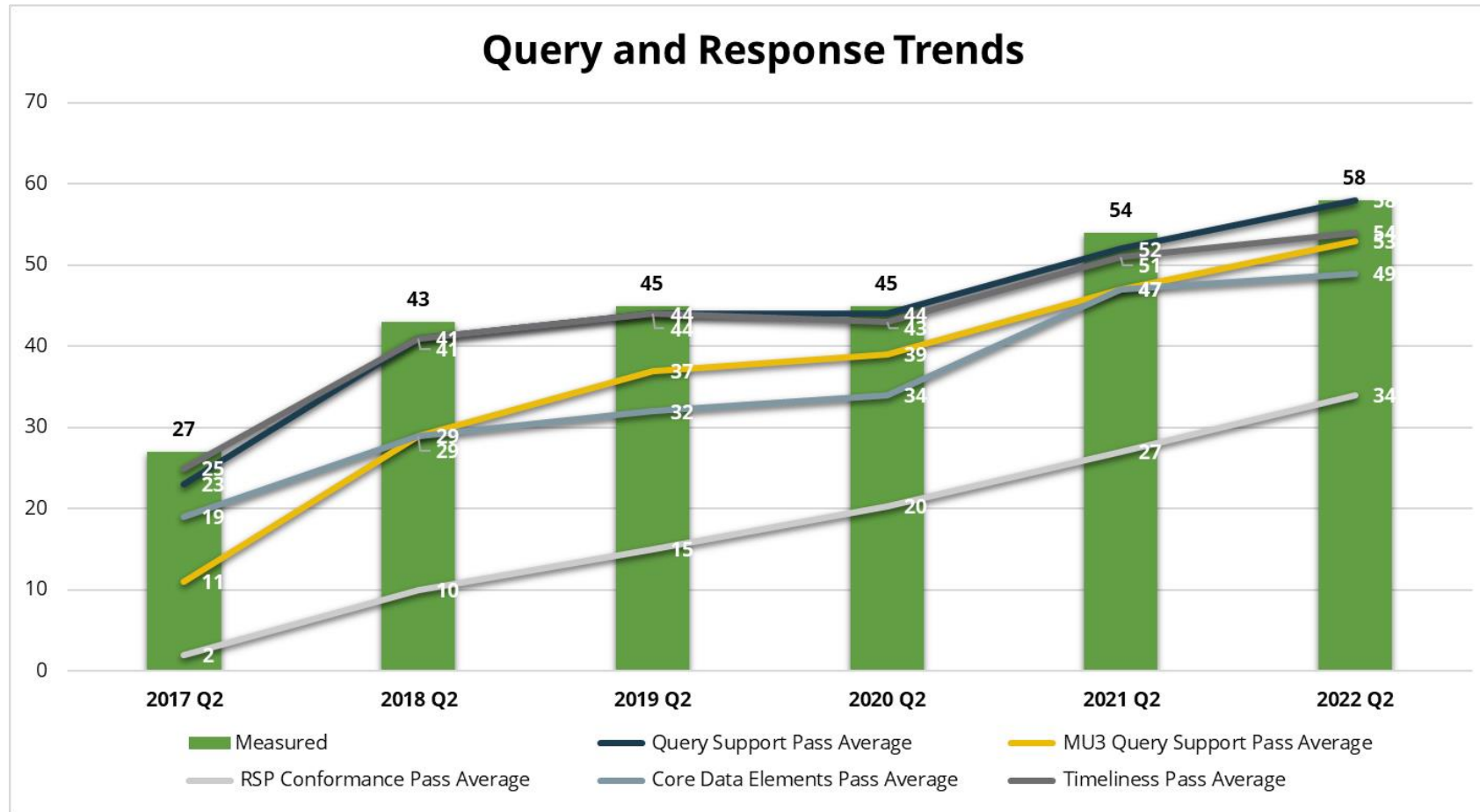
2023



# Progress – Submission/Acknowledgement



# Progress – Query/Response





Pre-Measurement

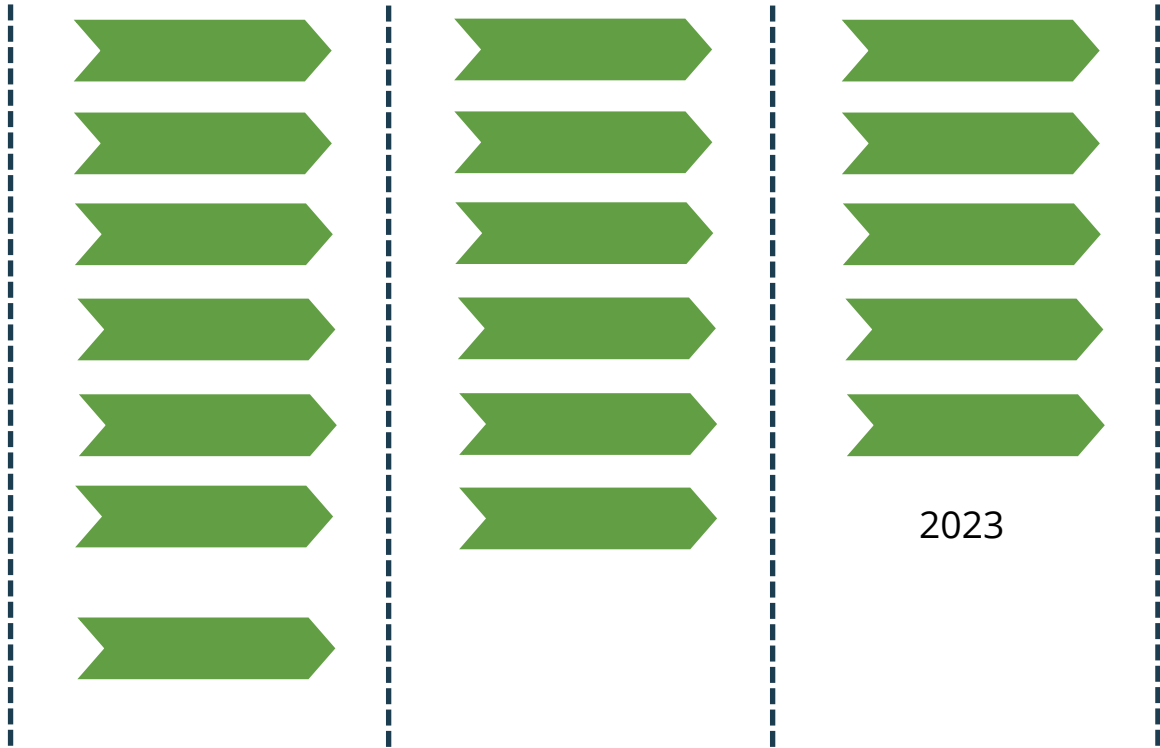
Testing & Discovery

Assessment

Validation

### Current Content Areas

- Transport
- Submission/Acknowledgement
- Query/Response
- Clinical Decision Support
- Data Quality Incoming/Ongoing
- Data at Rest
- Provider Participation, Pt & Vacc Matching, Pt & Vacc Saturation, Onboarding, & Security





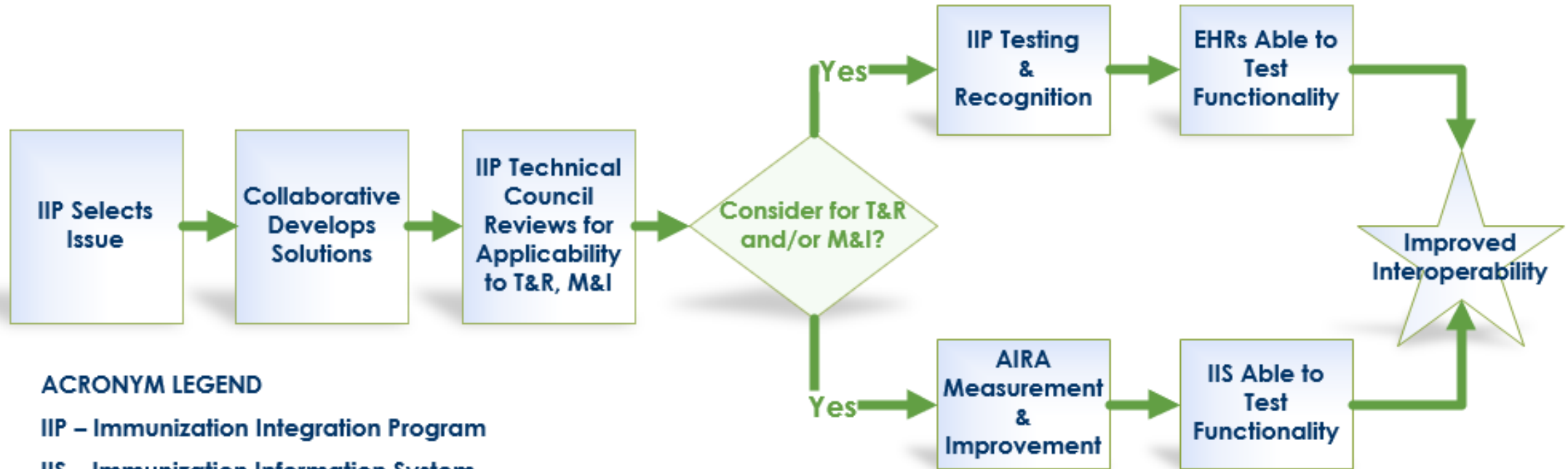
# Immunization Integration Program (IIP) Goals & Strategies

IIP is a collaboration between AIRA, CDC, and HIMSS to improve interoperability between health IT and IIS

- Strategies:
  - **Testing & Recognition Initiative** – an alternative to ONC F1 testing where EHRs demonstrate and can be tested and recognized for immunization capabilities
  - **Collaborative** – diverse forum to develop interoperability recommendations and solutions for improved immunization interoperability



# IIP Pipeline Approach



## ACRONYM LEGEND

IIP – Immunization Integration Program

IIS – Immunization Information System

M&I – AIRA IIS Measurement and Improvement Initiative

T&R – IIP Testing and Recognition Initiative

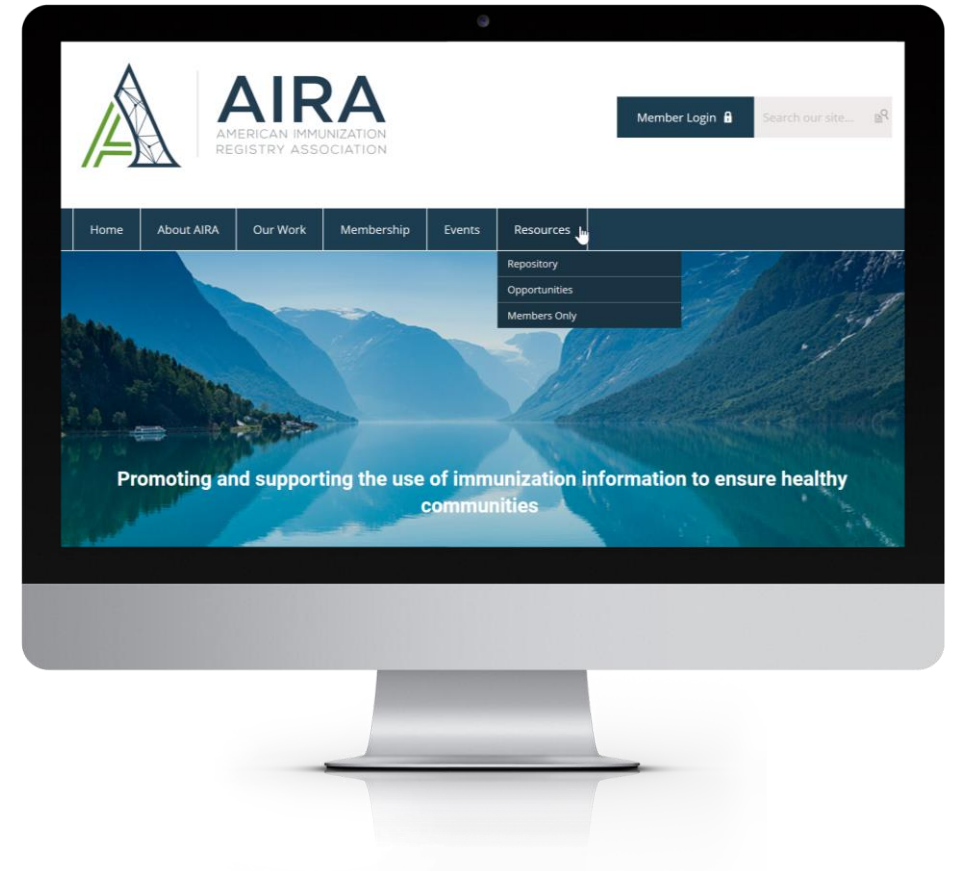


Q & A/  
Discussion



# Thank You!

Mary Beth Kurilo  
[mbkurilo@immregistries.org](mailto:mbkurilo@immregistries.org)



AIRA Repository  
[www.immregistries.org](http://www.immregistries.org)

