#AIRA2023

AIRA Update

WELCOME!

Don’t miss: Informal lunch networking session today!
Look for “**1st Time Attendee/New to IIS**” table tents.

DIAMOND SUPPORTING MEMBERS

ENVISION TECHNOLOGY PARTNERS

gainwell

MCORP

moderna

SMART®

PLATINUM SUPPORTING MEMBERS

aws

STC health

GOLD SUPPORTING MEMBERS

HLN Consulting

GSK

openHIT optimoz

sanofi

SSG

VAULT TECHNOLOGIES PUBLIC HEALTH REIMAGINED

SILVER SUPPORTING MEMBERS

AMCI Health Informatics

athenahealth

Epic

docket

DYNAVAX

IronBridge

LexisNexis RISK SOLUTIONS

ORACLE Cerner

Pfizer

Our Members 2022-2023

AIRA Members:
900+ individuals representing:

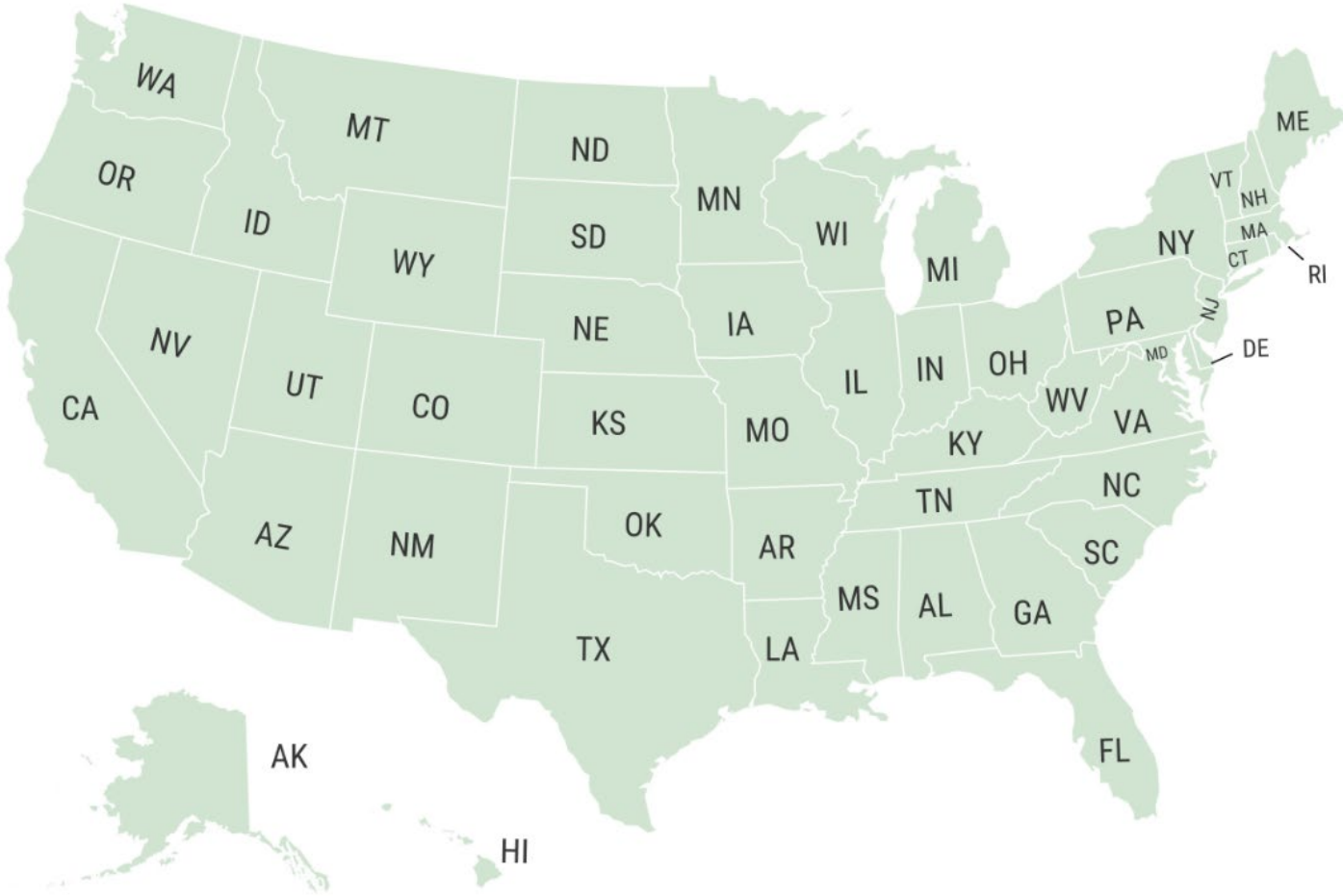
- **62** IIS members
- **10** Nonprofit members
- **6** Reciprocal members
- **5** Individual members
- **22** Supporting members

U.S. Cities

- Chicago
- D.C.
- New York City
- Philadelphia
- San Diego

U.S. Territories

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



NONPROFIT MEMBERS

- Altarum Institute
- Immunize.org
- Multi-State Partnership for Prevention
- National Institute of Standards & Technology
- Network for Public Health Law
- NORC at the University of Chicago
- Pan American Heath Organization
- Public Health Informatics Institute
- San Antonio Metropolitan Health District
- University of Michigan Child Health Evaluation & Research Center

RECIPROCAL MEMBERS

- Association of Immunization Managers (AIM)
- Centers for Disease Control and Prevention/NCIRD
- Indian Health Services Immunization Program
- National Association of County and City Health Officials (NACCHO)
- Vaccinate Your Family
- World Health Organization (WHO)

INDIVIDUAL MEMBERS

- Floyd Eisenberg
- Alean Kirnak
- Susan Kressly
- Susan M. Salkowitz

LIFETIME MEMBERS

- Aaron Bieringer
- Amanda (Mandy) Harris
- Amy Metroka
- Frank Caniglia
- Kim Salisbury-Keith
- Mary Woinarowicz
- Sherry Riddick

AIRA Strategic Plan

Resuming pre-2020 activities

Top Activities for 2023

1. Expand our funding capacity to meet member needs
2. Foster greater collaboration between IIS and Program Managers
3. Review the organization's staffing capacity
4. Incorporate health equity objectives into the Strategic Plan

AIRA Programs

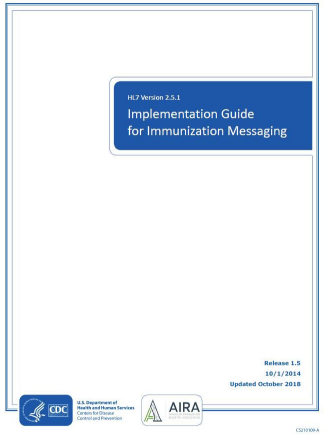
An overview of what we do

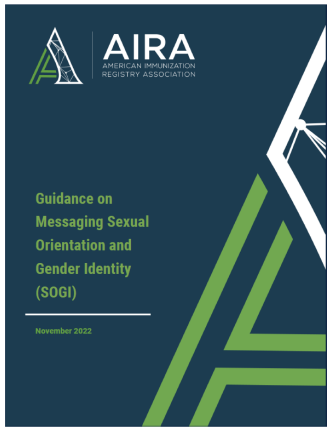
Standards

Standards

1. New issue emerges or existing process needs to be harmonized across systems
2. Several IIS may have implemented a way to address the new issue
3. SISC – AIRA workgroup monitors issues and raises awareness on emerging topics

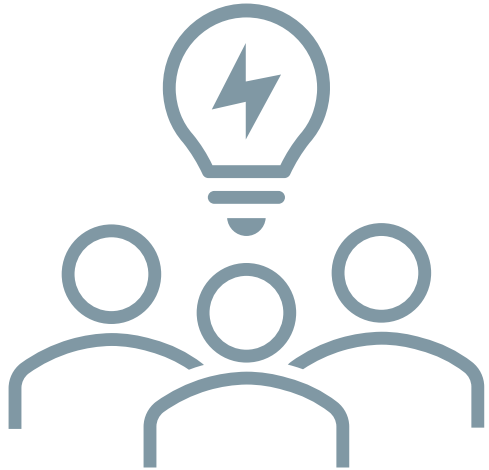
Topics that need additional work are identified & type of resource is identified





IIS Best Practices Community of Practice

- CoP replaces MIROW
- Supports the creation and curation of best practice recommendations for IIS
- Finalizing selection of the next topic for best practice development



Breakout 1B, Applying IIS Best Practices: Past, Present, & Future
1:00 pm today!

AIRA 2023 NATIONAL Meeting

Measurement & Improvement

M&I

MEASUREMENT & IMPROVEMENT

Measurement and Improvement Initiative (M&I)

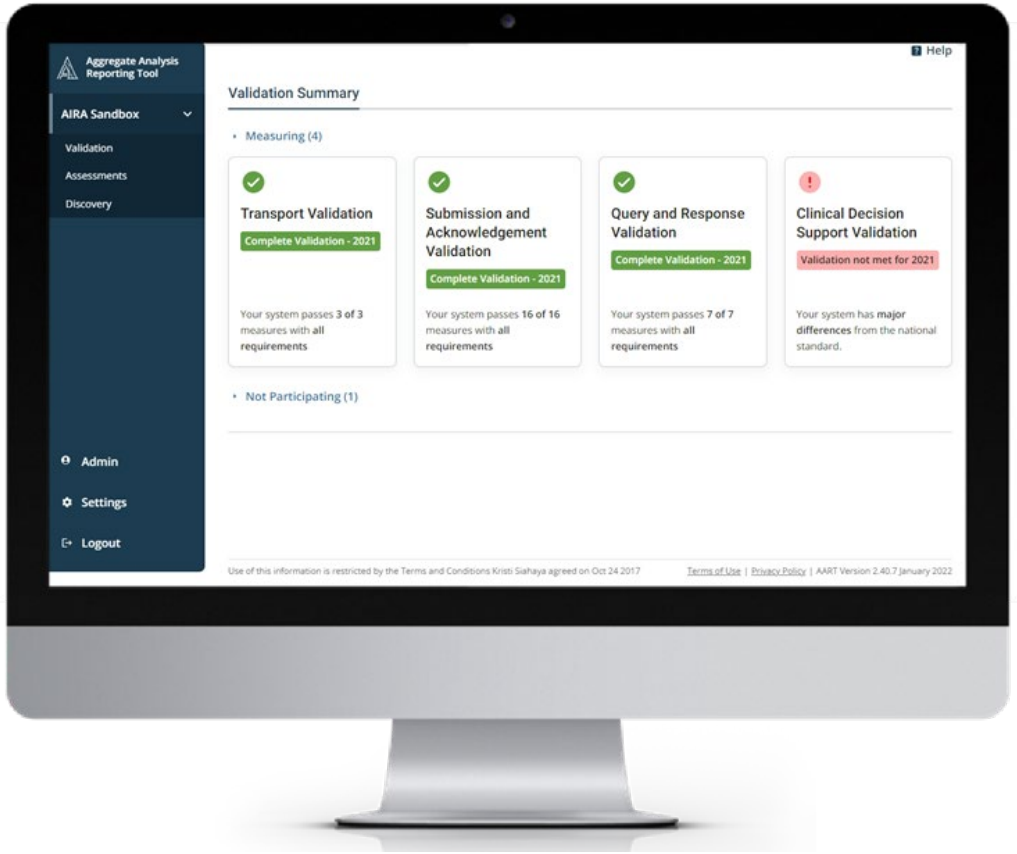
M&I began in 2015 in collaboration with CDC as an effort to:

- Test IIS alignment with standards
- Provide IIS with information and assistance to improve
- Demonstrate IIS are more alike than different

Measurement and Improvement Initiative (M&I)

All testing is conducted by AIRA through:

1. Connecting with pre-production systems
2. Analyzing deidentified data
3. Sharing results via the Aggregate Analysis Reporting Tool (AART)



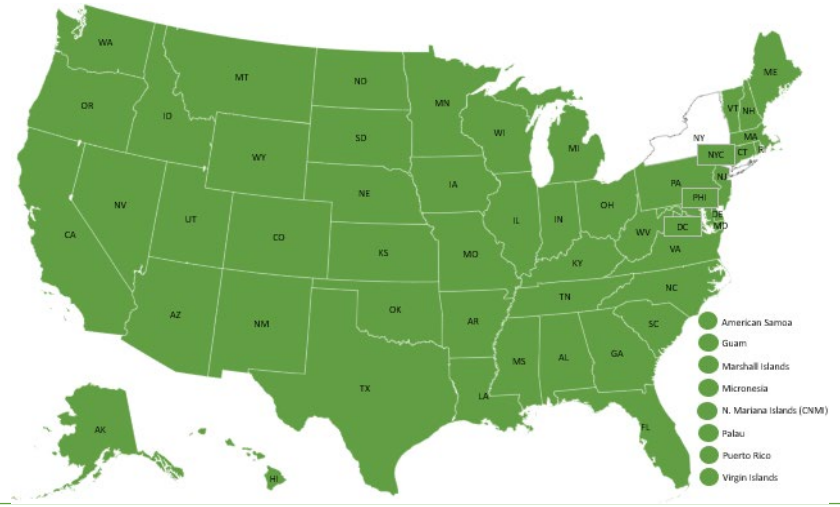
MEASUREMENT & IMPROVEMENT

Content Areas

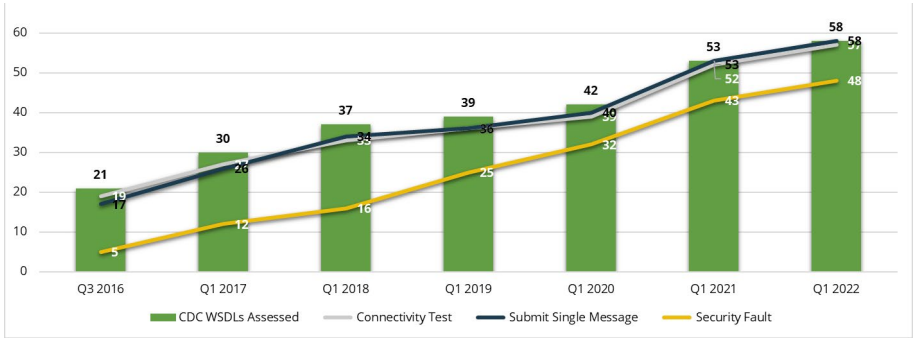
	Pre-Measurement	Testing & Discovery	Assessment	Validation
Transport	☑	☑	☑	
Submission/Acknowledgment	☑	☑	☑	
Query/Response	☑	☑	☑	
Clinical Decision Support	☑	☑	☑	
Data Quality Incoming/Ongoing	☑	☑	☑	
Data at Rest	☑	☑	2023	
Provider Participation	☑	2023		
Patient Matching	☑	2023		
Onboarding	☑			
Patient Saturation	☑			
Security	☑			
Vaccine Matching	☑			
Vaccine Saturation	☑			

**Not yet sequenced: Functions (IQIP, Inventory, etc.), Code Sets, Policy, Data Access*

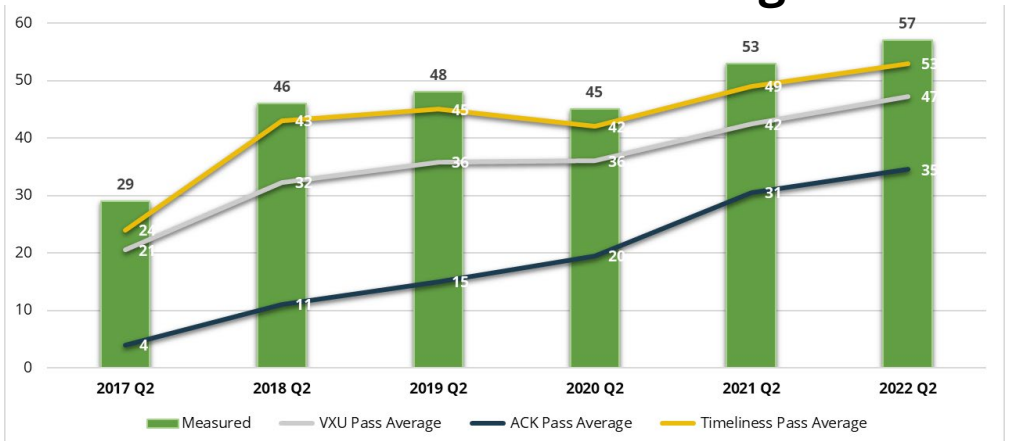
M&I Results: Demonstrating Alignment



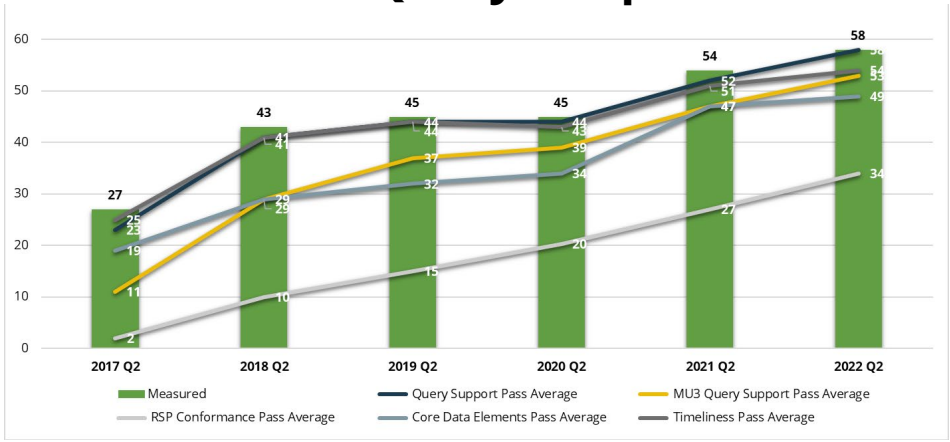
SOAP/Web Services Transport



HL7 Submission/Acknowledgement



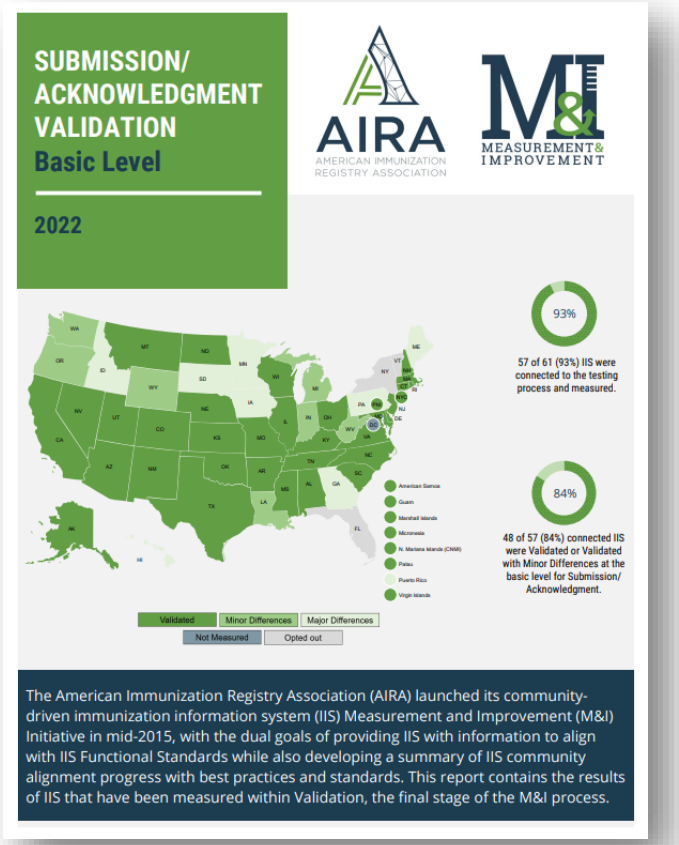
HL7 Query/Response



https://www.immregistries.org/measurement-improvement

Nationwide Validation Reports – Now Available

- Gradations of “validated with minor differences” and “major differences”
- Quarterly maps with gradations that clarify policy differences



AIRA Website: www.immregistries.org/validation

AART Clinics Are Still Available!

- All IIS are encouraged to sign up to review their results in the **Cardiff Room** on the 3rd Floor
- Want to know more about M&I or Validation? Look for these ribbons!

Immunization Integration Program - IIP

Goal: Improve interoperability between EHRs and IIS

IIP Strategies

Testing & Recognition Initiative

- Recruit and test EHRs on immunization data exchange capabilities
- Evaluate product performance and real-world impact of participation in IIP Testing & Recognition

Collaborative

- Diverse forum to develop interoperability recommendations and solutions

IIP Project Partners

Centers for Disease Control and Prevention
Project sponsorship, expertise & support

American Immunization Registry Association (AIRA)
Project leadership and immunization-related expertise

Healthcare Information & Management Systems Society (HIMSS)
Project management, marketing & communications, trusted voice in health information & technology community

Drummond Group
Clinical software vendor testing experience

Consultants and SMEs
Technical, clinical & evaluation expertise

IIP Solutions & Resources

Transport Protocol
A brief promotes unified adoption of a standard transport protocol to improve interoperability.

Acknowledgments
Guidance on improving visibility and access to information from acknowledgment messages.

Patient Matching
A brief for policymakers describes the impact of patient matching challenges on immunization data exchange.

Multiple Match Query
Guidance with strategies to address multiple patients matched in an immunization query.

Bulk Query
Toolkit provides strategies to expand query capability and support public health interoperability.

Upcoming IIP Collaborative Priorities

1. **Immunization Data from Pharmacies**
2. **Immunization Submissions Prior to the Assignment of a Legal Baby Name**
3. **Triggers which Prompt Submission or Query Messages from EHRs to IIS**

Wednesday, May 3

7:00am – 8:00am	Coffee, Tea, & Light Fare *Location: California Foyer (2nd floor)*
7:00am – 7:45am	Bulk Query on FHIR: Tips from the Connectathon *Location: Santa Fe (2nd floor)* Moderator: Mary Beth Kurilo, MPH, MSW, Senior Director of Health Informatics, AIRA Craig Newman, Public Health Interoperability SME, Center for Public Health Interoperability, ALTARUM

AIRA IZ Gateway Activities

Onboarding Shared Services (OSS)

Onboarding Shared Services (OSS) program

Program Goals

1. **Enhance and accelerate** the ability of jurisdictions to onboard providers efficiently
2. **Increase the standardization** of onboarding processes across jurisdictions through supporting adoption of processes aligned with AIRA's **Onboarding Consensus-Based Recommendations**

CDC
Centers for Disease Control and Prevention

&

AIRA
American Immunization Registry Association

Onboarding Shared Services (OSS) Services

Instructor-led Training

6-week long, instructor-led training 1-2 times per year

Standardized Templates

Key onboarding documents and tools available in the AIRA repository

Best Practices Alignment Analysis

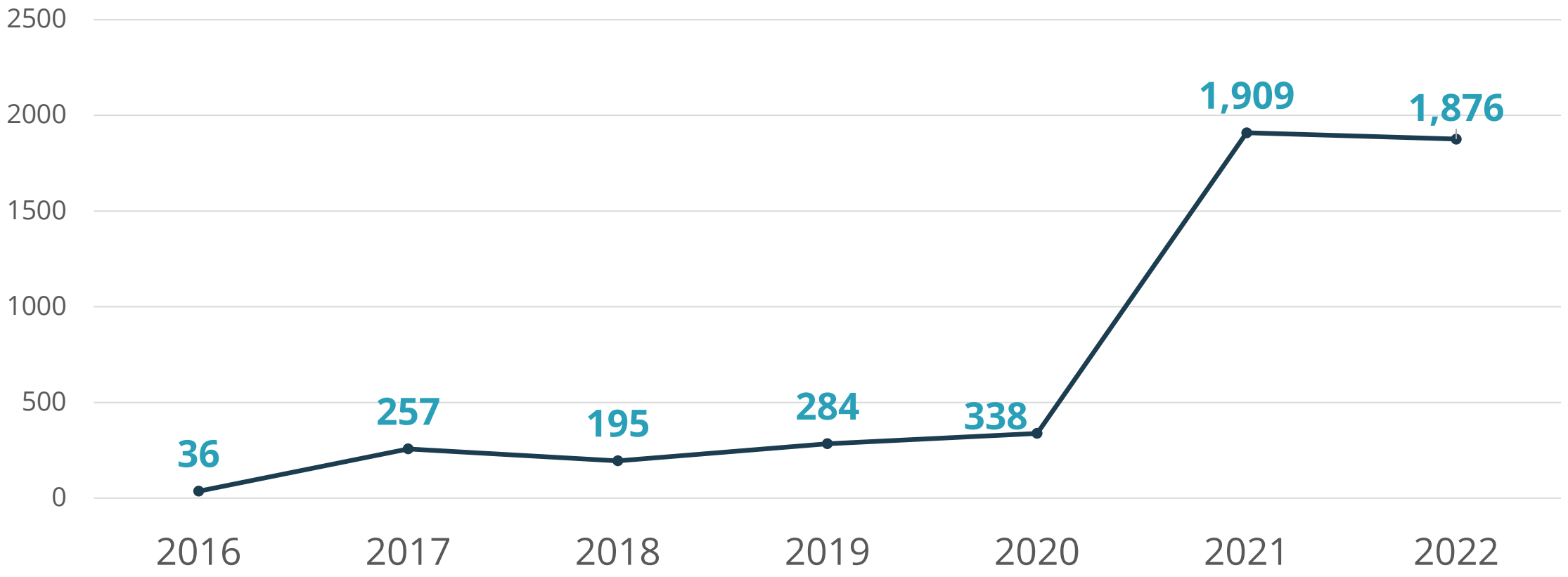
An evaluation with recommendations for increasing alignment with best practices

Documentation & Process Consultation

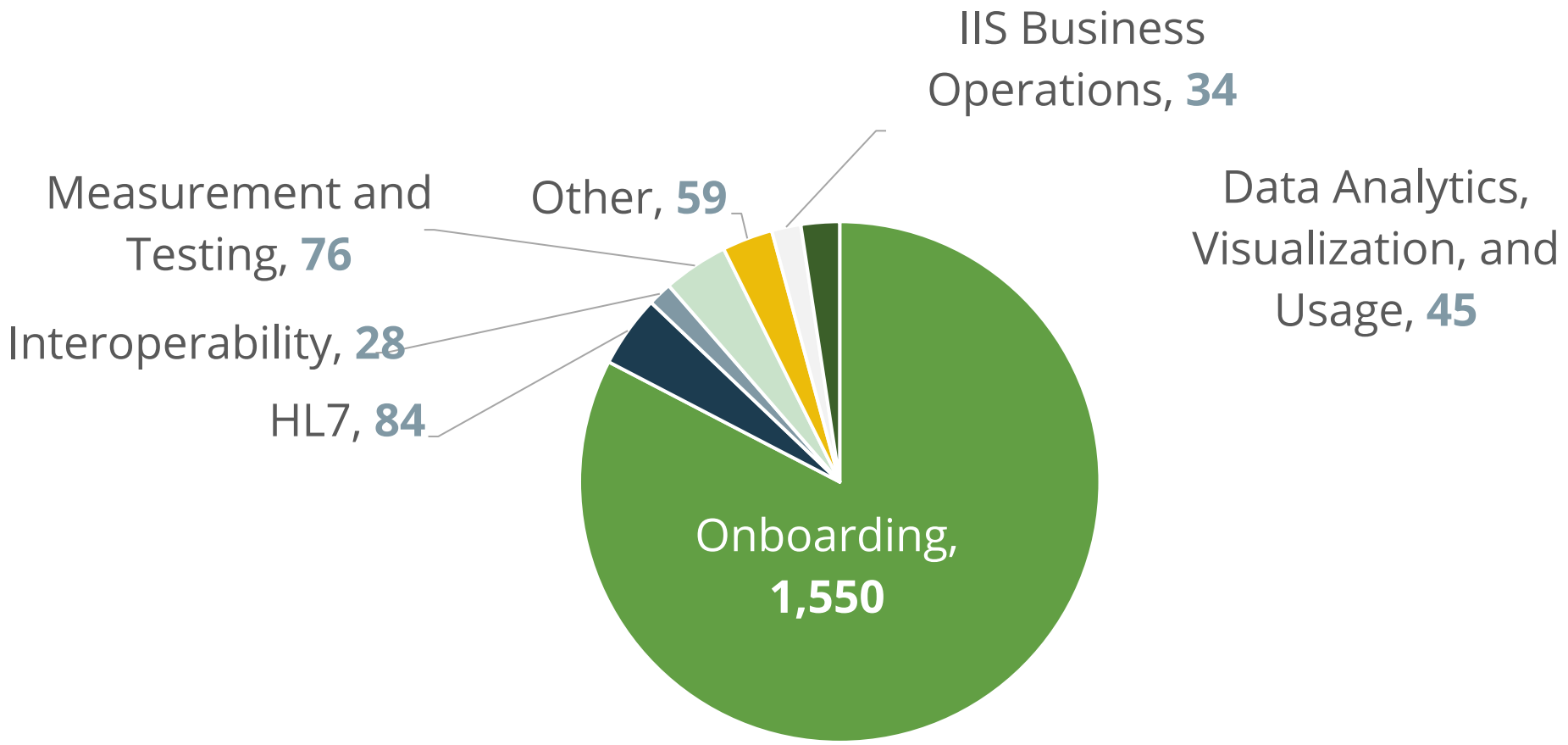
Consultation as onboarding processes are developed, refined, and implemented

Technical Assistance

Technical Assistance



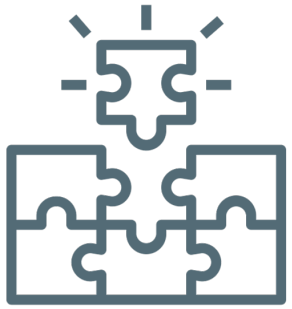
Technical Assistance 2022



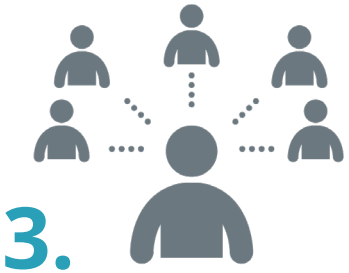
Bringing IIS Data People Together
Epi Shared Services (ESS)

1.

Mini-Series
Conversations with your peers

2. 

Epi Augmentation
On-call skills & assistance

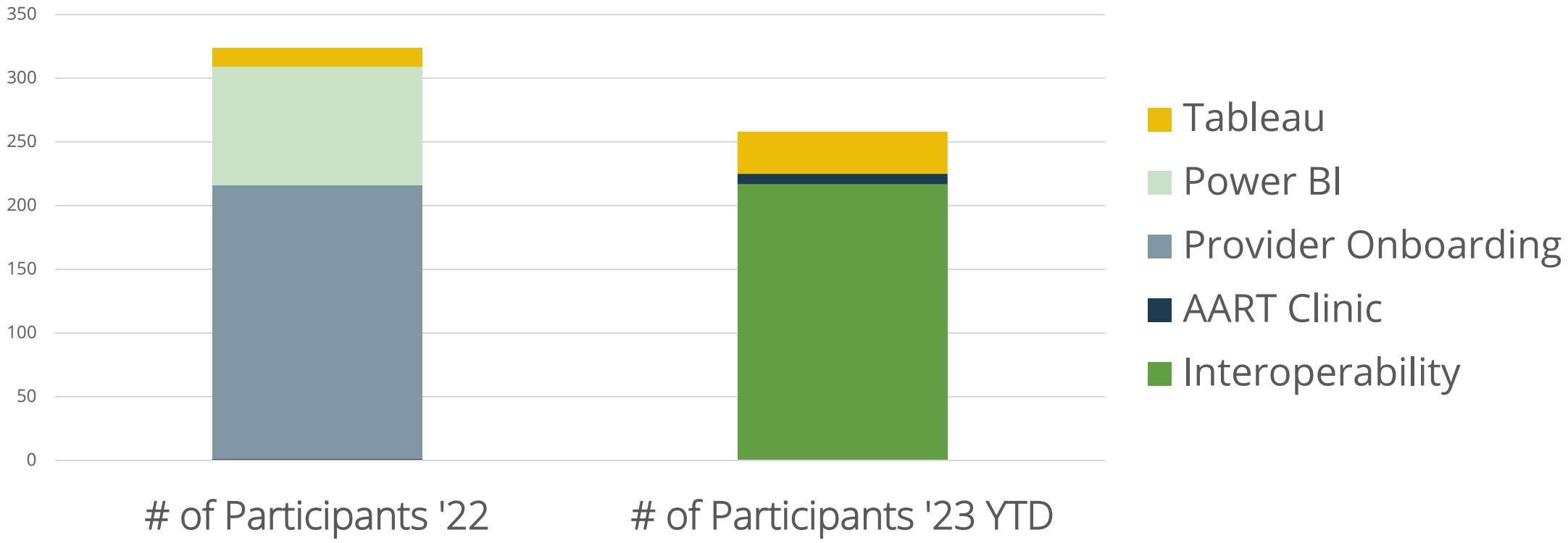
3. 

Epi Connect
Sounding board for ideas & questions

Education & Outreach

Trainings, events, and more!

Trainings – 2022 & 2023



User Group Participants:
Tableau and Power BI

227

individuals representing
58 state and local IIS jurisdictions

11

individuals representing
5 IIS vendors and implementers

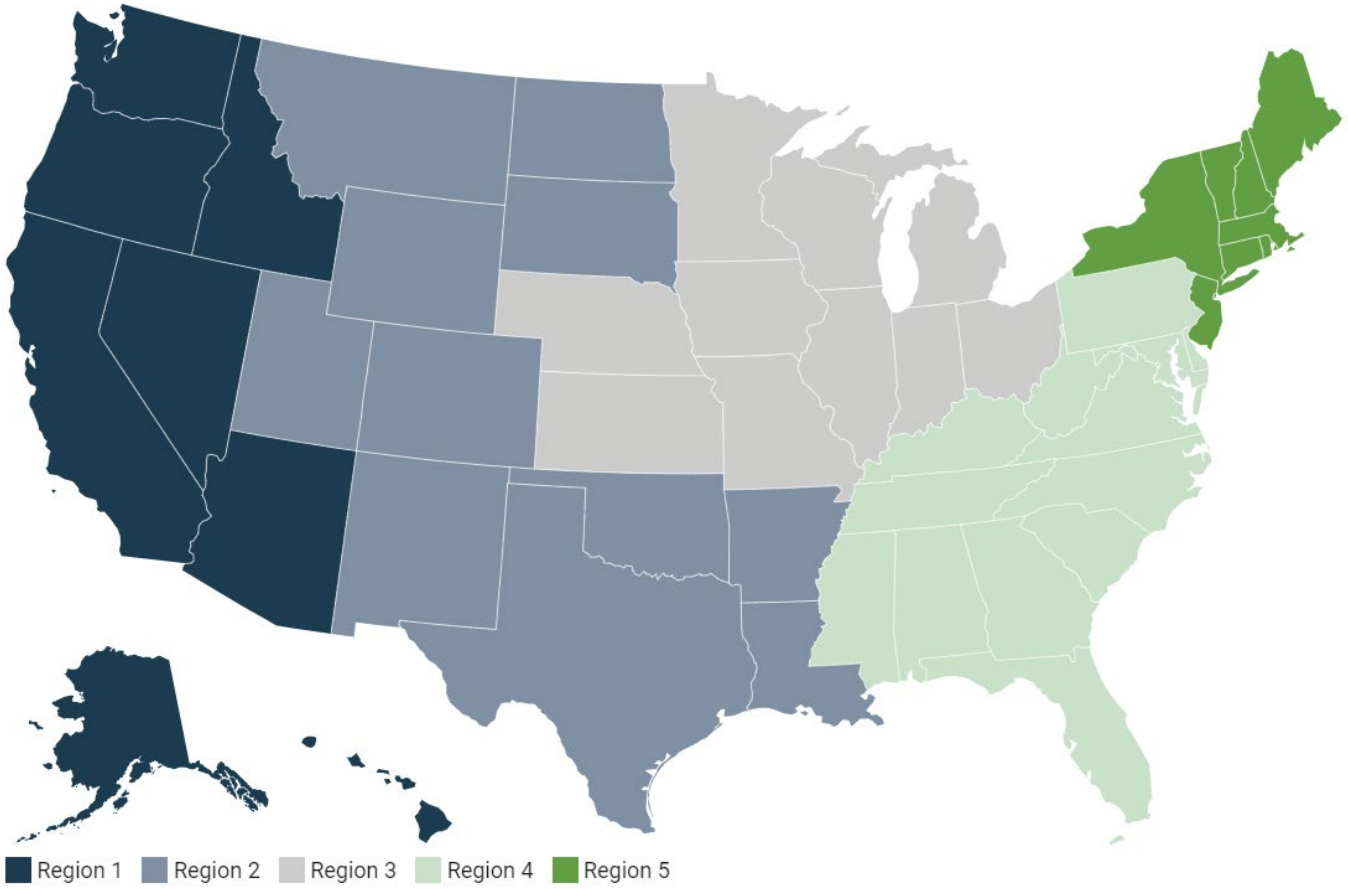
6

individuals representing
5 other AIRA member organizations

Regional Workshops are Resuming

Next up:

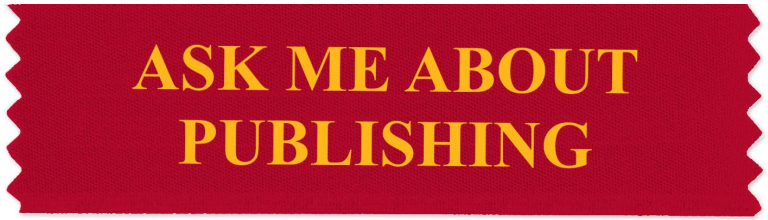
- Region 3 (Midwest-ish)
- July 11-12, 2023
- Milwaukee, WI
- Invites to go out after #AIRA2023
- Agenda in progress



Workforce Needs Assessment

- **Purpose:** To identify the highest priority education and training needs of IIS programs
- Framed through lens of core competency domains and workforce classifications (PHII)
- Key findings are being summarized
  - Teaser: **Communication, project management, and leadership training** were identified as top needs

Publication Project Workgroup (PPW)

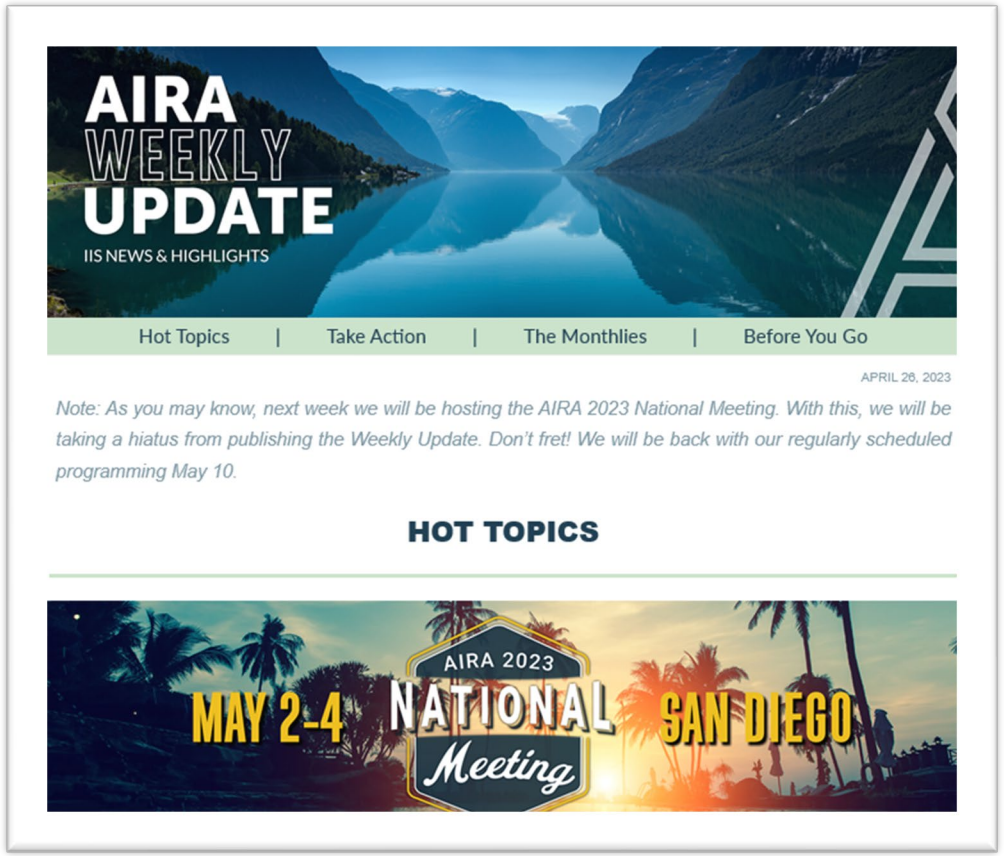


- **Purpose: To foster increased publication of peer-reviewed IIS-related research.**
- Commentary underway: Role of IIS in pandemic response

- Don't miss "*From Presentation to Publication: Advice from the AIRA Publication Workgroup*"
  - Breakout Session 1B | Get Published, Get Involved!

Don't miss: Informal lunch networking session on Wed, 5/3!

Communications



Don’t miss today’s Plenary at 4:00pm!

A Glimpse of Policy at the National Level and what it Means for You

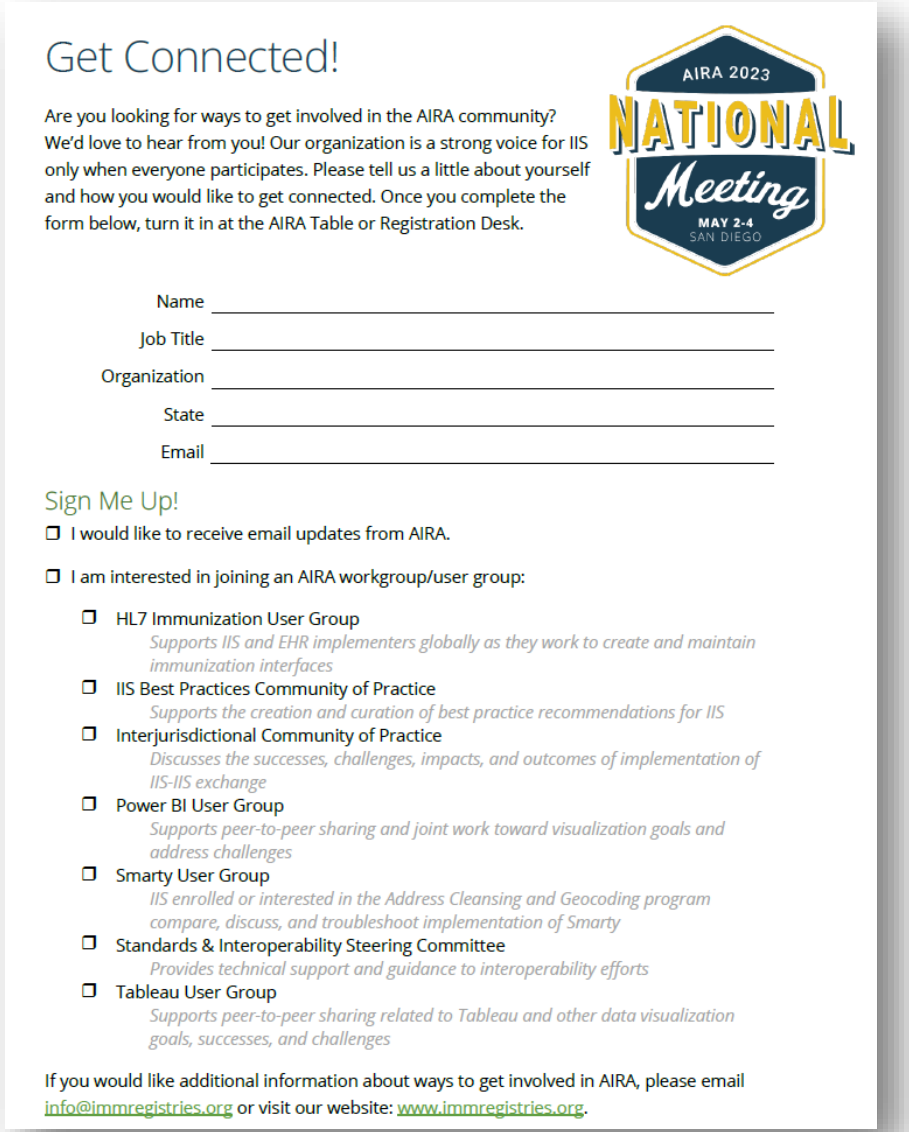
Ways to Get Involved

Look for the “Get Connected” form #AIRA2023 for information on:

- User groups & workgroups

Check out AIRA’s ongoing efforts and upcoming events:

www.immregistries.org



Get Connected!

AIRA 2023 NATIONAL Meeting MAY 2-4 SAN DIEGO

Are you looking for ways to get involved in the AIRA community? We’d love to hear from you! Our organization is a strong voice for IIS only when everyone participates. Please tell us a little about yourself and how you would like to get connected. Once you complete the form below, turn it in at the AIRA Table or Registration Desk.

Name _____

Job Title _____

Organization _____

State _____

Email _____

Sign Me Up!

❒ I would like to receive email updates from AIRA.

❒ I am interested in joining an AIRA workgroup/user group:

- ❒ HL7 Immunization User Group
  Supports IIS and EHR implementers globally as they work to create and maintain immunization interfaces
- ❒ IIS Best Practices Community of Practice
  Supports the creation and curation of best practice recommendations for IIS
- ❒ Interjurisdictional Community of Practice
  Discusses the successes, challenges, impacts, and outcomes of implementation of IIS-IIS exchange
- ❒ Power BI User Group
  Supports peer-to-peer sharing and joint work toward visualization goals and address challenges
- ❒ Smarty User Group
  IIS enrolled or interested in the Address Cleansing and Geocoding program compare, discuss, and troubleshoot implementation of Smarty
- ❒ Standards & Interoperability Steering Committee
  Provides technical support and guidance to interoperability efforts
- ❒ Tableau User Group
  Supports peer-to-peer sharing related to Tableau and other data visualization goals, successes, and challenges

If you would like additional information about ways to get involved in AIRA, please email info@immregistries.org or visit our website: www.immregistries.org.

#AIRA2023

MAY 2-4

SAN DIEGO

“SUCCESS IS BEST WHEN IT’S SHARED”

– Howard Schultz

FOUNDER OF STARBUCKS

AIRA Award Ceremony

REOCCURRING THEMES

2023

- Persevering through obstacles with enormous fortitude and dedication
- Innovative problem-solving in the face of evolving program challenges
- Steadfastness in completing the work that needed to be done

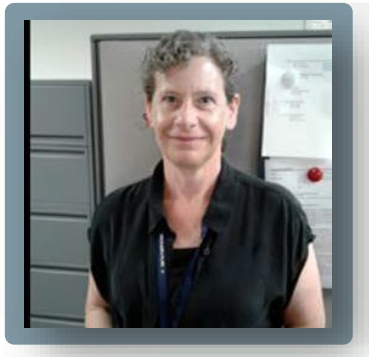
Consider It Done!

AWARD WINNERS

Consider it Done

Abhinav Nalla

Michigan Department of Health & Human Services



Dora Dumont

Rhode Island Department of Health

Emily Martinez

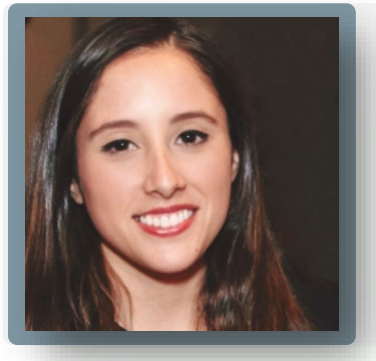
NYC Department of Health & Mental Hygiene

AWARD WINNERS

Consider it Done

Francesca Drisko

Arizona Department of Health Services



Olenka Aguilar

North Dakota Department of Health

Renuka Icchapurapu

Texas Department of State Health Services

AWARD WINNERS

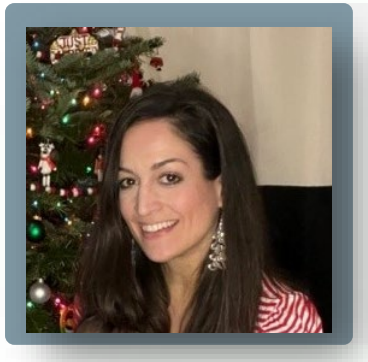
Consider it Done

Runa Bakshi

Louisiana Department of Health

Timothy Lo

California Department of Public Health



Vivian Larson

Oregon Health Authority

IIS Data Geniuses

AWARD WINNERS

IIS Data Geniuses

Amanda Durante

Connecticut State Department of Public Health

Andrea May

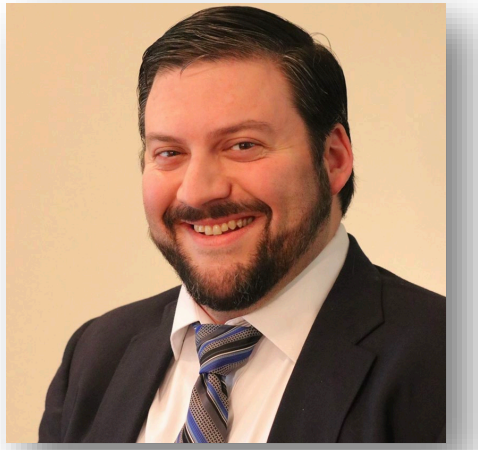
Kansas Department of Health & Environment

Cale Seymour

Nevada Department of Health and Human Services

AWARD WINNERS

IIS Data Geniuses



Jason Geslois

Kansas Department of Health & Environment

Sydney Kuramoto

Minnesota Department of Health

Tavio Pirocchi

Colorado Department of Public Health & Environment

Superstar Award

AWARD WINNERS

Superstars

Katie Cruz

New Mexico Department of Health

Mohan Nagaraja

Philadelphia Department of Public Health

Noel Danielson

Alaska Department of Health & Social Services

AWARD WINNERS

Superstars

Prageet Kaang

Texas Department of State Health Services

Richard Sablan

Commonwealth of the Mariana Islands Public Health Immunization Program

Recognition Award

AWARD WINNERS

Recognition Award

Erica Groomes

Philadelphia Department of Public Health

Kim Gulliver

Colorado Department of Public Health & Environment

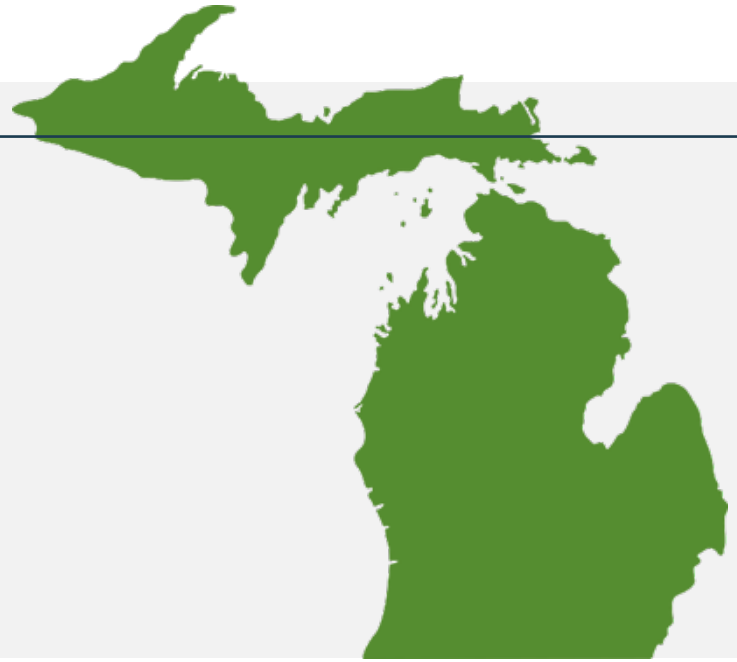
Hossam Tamri

National Institute of Standards & Technology (NIST)

Dream Teams

AWARD WINNERS

Dream Teams



Michigan Department of Health & Human Services

PCC Pediatric EHR Solutions

Physician's Computer Company

Exiting in Excellence

AWARD WINNERS

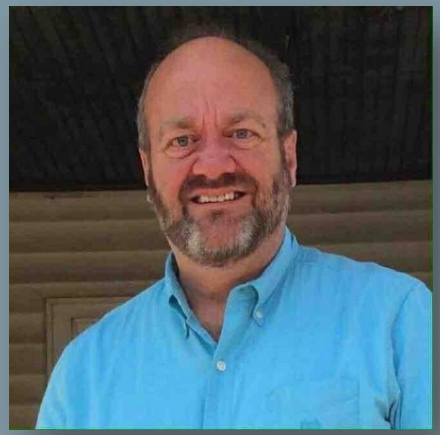
Exiting in Excellence

Denise Chrysler

The Network for Public Health Law

AWARD WINNERS

Exiting in Excellence



Wendell Gulledge

South Carolina Department of Health & Environmental Control

MAY 2-4

SAN DIEGO

AIRA 2023
NATIONAL
Meeting