



**AIRA**  
AMERICAN IMMUNIZATION  
REGISTRY ASSOCIATION

# AIRA ANNUAL REPORT

October 1, 2024 – September 30, 2025

# 2025

## LETTER FROM AIRA'S EXECUTIVE DIRECTOR

AIRA Community,

This year has been one of profound changes for public health. Long-standing recommendations have been upended, guiding principles challenged, and steadfast structures dismantled, creating uncertainty. Despite facing challenges such as funding rescissions, workforce reductions, leadership transitions, and sweeping shifts in the field, we have persevered. The strength and resilience of the public health community continue to shine. New organizations have emerged to safeguard science-based practices, leaders have adapted, and creative solutions to funding challenges have taken root. Amid this shifting landscape, AIRA remains steadfast in its commitment to advancing IIS.

- AIRA developed a new strategic plan that realigns our efforts and resources to meet the greatest needs of the IIS community.
- AIRA's role in **convening the community** was more critical than ever, gathering hundreds of individuals at the AIRA 2025 National Meeting and regional workshops and engaging thousands more online throughout the year through trainings, meetings, workgroups, and webinars to connect and equip the IIS community.
- The M&I initiative continued to drive the work of **modernizing IIS**, surpassing community standards for interoperability, functionality, and data quality, with 100% of IIS voluntarily and actively participating.
- AIRA advocated for the IIS community nationally and internationally, advancing its priorities, creating a shared vision, and helping **shape the future** of IIS.

The following pages highlight these achievements and more, showcasing the critical ways we've advanced IIS this past year. For more than 25 years, AIRA has been a trusted voice in the IIS community, and we'll continue to lead, empower, and advocate for IIS—together, with those who share our mission—for years to come.



A handwritten signature in blue ink, appearing to read 'Rebecca Coyle'.

**Rebecca Coyle, MS Ed**  
AIRA Executive Director



# Table of Contents

## Advancing IIS Together

About AIRA.....	5
About IIS .....	6
AIRA Board of Directors .....	7
AIRA Members .....	8
Member Spotlights .....	9

## Our Work

Convening the Community .....	12
Modernizing IIS .....	16
Shaping the Future .....	22

## Investing in Impact

AIRA Corporate Partners .....	28
Revenue, Assets, and Liabilities .....	29
Expenses .....	30
Thank You .....	31
Looking Ahead .....	32



# Advancing IIS Together

AIRA exists to elevate IIS. This section highlights AIRA's vital role in promoting IIS and how, together with our board and members, we strengthen public health.

## About AIRA

The **American Immunization Registry Association (AIRA)** is a vibrant membership organization dedicated to advancing the nation's leading public health information systems. As a leading advocate for **immunization information system (IIS)** development, AIRA supports members from all states, territories, and local jurisdictions by promoting standards, sharing best practices, and collaborating on key initiatives.

Today, AIRA unites the IIS community, offering invaluable education and resources, advocacy, standards development, and innovative initiatives to drive collective success.

### VISION

To facilitate the sharing and use of immunization information by all partners and ensure that immunization information systems are fully supported and represented

### MISSION

To promote and support the use of immunization information to ensure healthy communities

### PURPOSE

To support and promote the development, implementation, and interoperability of immunization information systems through partnerships, peer and professional education/training, and resource development

# About IIS

**Immunization information systems (IIS)** are the backbone of a strong immunization ecosystem. These secure, confidential databases bring together vaccination records from across the health care landscape, ensuring individuals and providers have the accurate, up-to-date information needed to make informed decisions.

Operated by state and local health departments under rigorous privacy and security standards, IIS help prevent missed or duplicate vaccinations and streamline vaccine ordering. They also deliver real-time data for public health action, strengthening outbreak response and resource allocation. AIRA strengthens this work by championing interoperability across systems, elevating data quality, and empowering the immunization community with the tools, training, and collaboration needed to help every IIS, and every community, thrive.

Watch the [IIS 101 video](#) or explore AIRA's [educational one-sheets](#) to see how IIS are the most powerful tool for managing immunization records and supporting healthier communities.



ADVANCING IIS TOGETHER

## Board of Directors

The AIRA Board provides leadership and guidance to the organization, overseeing AIRA's budget and strategic direction.



**Melissa Mickle-Hope**, New York City  
PRESIDENT

**Marie Hartel**, Tennessee  
PRESIDENT-ELECT

**Miriam Muscoplat**, Minnesota  
GOVERNANCE CHAIR

**David Crowell**, Nevada  
SECRETARY

**Steve Murchie**, Envision Technology Partners  
TREASURER

**Jeff Chorath**, Washington

**David Mattiko**, Pennsylvania

**Kim Gulliver**, Colorado

**Laura Barrett**, Kentucky

**Mike Berry**, HLN Consulting

**Shannon Coleman**, STChealth

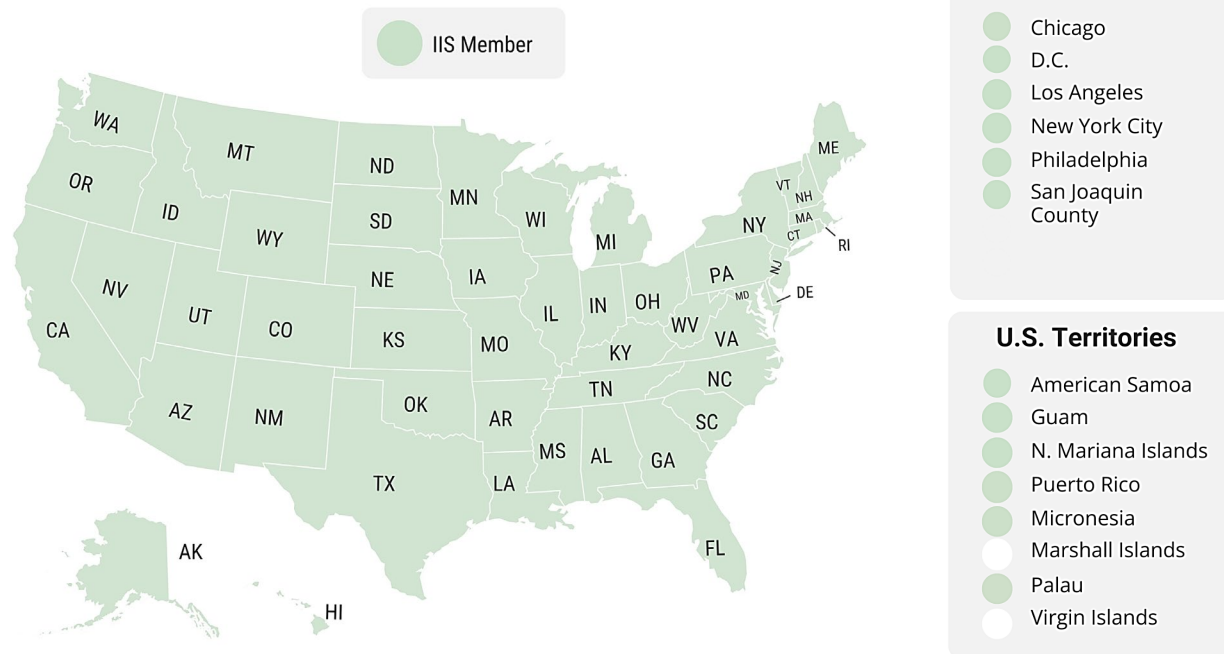
AIRA's new five-year **STRATEGIC PLAN** establishes a clear vision and priorities to advance IIS for the future.



# AIRA Members

AIRA's members include IIS and immunization program staff working in health departments, IIS implementers, nonprofits, and other organizations with an interest in IIS.

In FY 2025, AIRA had **114** organization members representing over **1,450** individuals.



## Nonprofit Members

- Altarum Institute
- Immunize.org
- National Institute of Standards & Technology (NIST)
- NORC at the University of Chicago
- Pan American Health Organization (PAHO)
- Public Health Informatics Institute (PHII)
- San Antonio Metropolitan Health District (TX SAIRS)
- San Diego Regional Immunization Registry (CA SDIR)
- University of Michigan Child Health Evaluation & Research Center

## Reciprocal Members

- Association of Immunization Managers (AIM)
- Centers for Disease Control & 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

- Dr. Floyd Eisenberg
- Nadja Alexandra Vielot
- Dr. Susan Kressly





## Member Spotlight: Chicago

### Chicago's Sprint Toward Scalable Data Quality Innovation

This summer, the Chicago Department of Public Health turned to AIRA for support on a pressing challenge: improving provider-level data quality feedback. Through focused, sprint-style technical assistance (TA), AIRA helped Chicago design practical tools to strengthen its IIS.

In just four weeks, the team transformed a complex goal into a pilot-ready solution. AIRA facilitated multiple working sessions per week in June 2025, guiding Chicago through a phased road map that included HL7v2 metrics mapping, dashboard design, and pilot planning. The result was a dynamic Tableau dashboard, seven reusable communication templates, and a clear pilot strategy for engaging providers in data quality improvement. With AIRA's coaching, Chicago staff applied newly acquired Tableau skills to build the dashboard in real time, aligning metrics with national data quality standards such as CDC's IIS Data Quality Blueprint and the Data at Rest (DAR) content area of the Measurement and Improvement (M&I) initiative. The project also strengthened cross-jurisdictional collaboration with the Illinois Department of Public Health.

Chicago's success underscores AIRA's ability to deliver responsive, high-impact support that blends innovation with real-world applicability. Whether through sustained mentorship or rapid deployment, AIRA empowers the IIS community with tools, expertise, and collaborative momentum.



The blend of actionable resources, adaptability, and peer collaboration made this effort stand out. It wasn't just another project; it was a catalyst for real, sustained improvement in our IIS work.

- DAVID JUEN, CHICAGO IIS MANAGER

## Member Spotlight: Idaho & Wyoming

Idaho and Wyoming's Collaborative Path to IIS Program Excellence

Across the IIS community, one of the most pressing challenges in recent years has been leadership turnover. Since COVID, at least 60% of immunization programs have seen new leadership, which is concerning given the importance of leader support for long-term success. Idaho and Wyoming's participation in AIRA's 2025 Project-Based Technical Assistance (TA) illustrates how AIRA is helping jurisdictions meet this challenge head-on.

In partnership with CDC, AIRA led biweekly one-hour virtual sessions over four months with each state. Topics ranged from Measurement and Improvement (M&I) and AART (Aggregate Analysis Reporting Tool) use to IIS operations, provider onboarding, patient matching, and data quality. AIRA emphasized interactive learning, giving IIS managers hands-on experience interpreting validation measures and applying M&I results to inform strategic decisions. In-depth discussions on IIS operations enabled both teams to critically assess their internal workflows and identify opportunities for strategic alignment with national standards.

Between sessions, AIRA maintained close communication with both managers and CDC subject matter experts, ensuring responsiveness to evolving needs and fostering peer connections. This engagement highlights how AIRA's collaborative TA empowers new leadership and drives meaningful progress in IIS programs.



It seems impossible to fully describe the immense value that AIRA brings to the table. The exceptional support and expertise we've received have exceeded all expectations.

- SHARON MATTHIES, IDAHO IIS MANAGER

# Our Work

Through education, advocacy, standards development, and innovation, AIRA empowers and strengthens all IIS—work that comes to life through three key areas:

---

Convening the Community

---

Modernizing IIS

---

Shaping the Future

---



## OUR WORK

# Convening the Community

AIRA brings the immunization community together to learn, share, and connect.

Through in-person **AIRA National Meetings, Regional Workshops**, and **virtual engagement**, AIRA fosters collaboration and drives innovation across the IIS landscape.

By creating space for dialogue and shared learning, these efforts strengthen partnerships and advance IIS across the country and US territories throughout the year.



## CONVENING THE COMMUNITY

# AIRA National Meeting

Spokane, WA

The AIRA National Meeting brings together IIS leaders and partners from across the country to share knowledge, strengthen connections, and spark innovation.

In April 2025, over **400 participants** from **109 organizations** gathered to explore best practices in sustainability, data exchange and analysis, modernization, and more. The keynote on the science of happiness set an inspiring tone, leaving attendees re-energized with actionable strategies now being applied in IIS nationwide.

Featuring **95** breakout presentations, **5** deep dive discussion sessions, **7** plenaries, **33** AART Clinics

**100%** of participants found the meeting content very relevant or relevant to the work they do



My biggest takeaway is what an extremely valuable organization AIRA is and how critical the National Meeting is to clear, collaborative, and successful national conversations among jurisdictions, vendors, CDC, AIRA, PHIL, and other entities.

- AIRA 2025 NATIONAL MEETING ATTENDEE

# Regional Workshops

## Western & Central Regions

Regional Workshops are vital spaces where the IIS community comes together to share knowledge and strengthen connections regionally. By discussing new ideas and solutions at the local level, these gatherings facilitate IIS peer-to-peer support and ensure progress reaches every corner of the country.

This year, AIRA welcomed IIS members from the **Western** and **Central** regions for two impactful workshops, where participants engaged in interactive sessions and explored opportunities to collaborate.

**27** attendees,  
representing **16**  
jurisdictions and **3**  
IIS implementers



“ While most state IIS are diverse in their daily IIS operations, it is always interesting to hear just how similar we are overall.

- REGIONAL WORKSHOP PARTICIPANT

# Staying Connected

AIRA keeps the IIS community connected year-round through webinars, user groups, communities of practice, and workgroups that foster collaboration and problem-solving.

Regular publications like **AIRA's Weekly Update** and our quarterly newsletter, ***SnapShots***, provide timely insights, ensuring members stay informed and engaged between in-person gatherings.

**Stay Informed!** Join more than **2,000 members** of the AIRA community who receive the latest IIS updates and resources from AIRA each week.







OUR WORK

## Modernizing IIS

AIRA strengthens IIS through trusted standards, technical support, and innovative shared services that improve data quality and interoperability.

Through initiatives like **Measurement & Improvement**, customized **technical assistance**, innovative **address cleansing**, and product recognition through the **Immunization Integration Program (IIP)**, AIRA advances IIS and meets the evolving needs of the IIS community.

These efforts ensure IIS and their EHR partners function reliably and consistently nationwide. By aligning systems with national standards, AIRA modernizes IIS and partner systems, empowering providers and programs to deliver care with confidence.



# Measurement & Improvement



## Celebrating 10 Years of M&I

In 2025, AIRA's **Measurement and Improvement (M&I)** initiative marked its 10th anniversary, reflecting a decade of progress in IIS interoperability and data quality, in partnership with CDC.

- **Trusted process:** What began as an ambitious effort to strengthen consistency across systems has evolved into a trusted, community-driven process that supports every jurisdiction in the nation.
- **Why it matters:** IIS are the backbone of immunization programs. Their ability to deliver reliable, standardized, and timely data directly impacts how effectively we can respond to public health needs today and prepare for tomorrow's challenges.
- **Closing gaps:** Through independent testing, actionable data, and community-developed measures, M&I pinpoints where programs do not yet meet national standards and provides a road map to close those gaps.
- **Actionable support:** Programs receive customized reports, tailored technical assistance, and expert guidance, all designed to improve data quality, interoperability, and system functionality.

Learn more about AIRA's Measurement & Improvement (M&I) initiative at [www.immregistries.org/measurement-improvement](https://www.immregistries.org/measurement-improvement).

# Measurement & Improvement

AIRA extends testing beyond jurisdictions and welcomes technology partners to participate in our Product Testing and Validation (PT&V) program. Both modular systems and off-the-shelf IIS technology partners can test their products against national functional standards.

By leveraging standardized and transparent processes, M&I delivers consistency and credibility, promoting trust among jurisdictions, vendors, and national partners.

“

I want to extend my sincere appreciation to the entire AIRA team for developing such a sophisticated and impressive validation system. This truly represents a significant step forward in modernization, and your hard work and dedication are clearly reflected in the results.

- NARESH PATEL, PRESIDENT & CEO,  
VENDOR PARTICIPANT: OPTIMOZ, INC.

## In 2025, the M&I initiative grew in several key areas:

- Data at Rest: Entered formal assessment with 45 measures advanced
- HL7 Patient Matching: Entered formal assessment with 422 combined measures advanced
- All technology partners measured through Product Testing and Validation met complete validation in at least 1 content area
- 5% increase in IIS validated in 5 content areas

**100%**

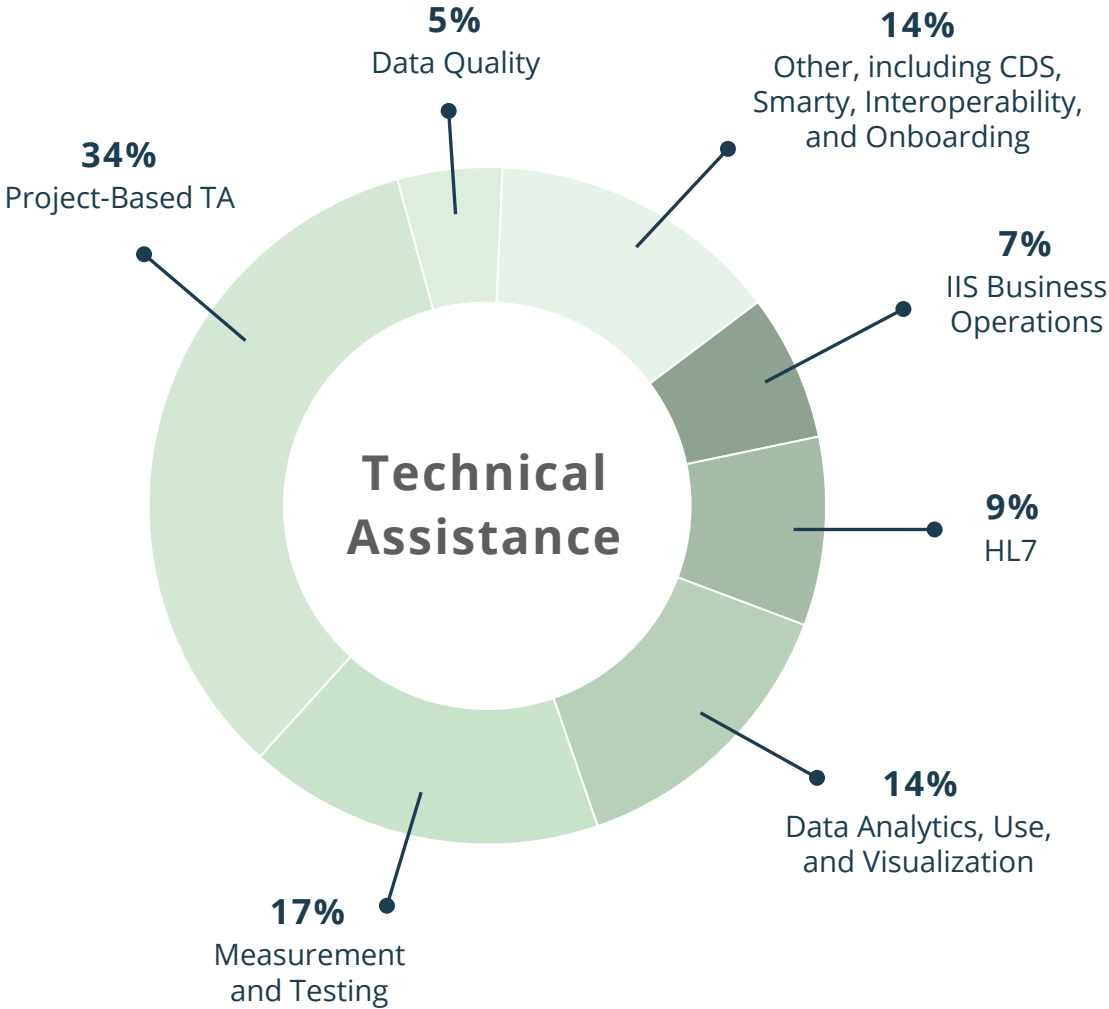
of IIS voluntarily and **actively participate** in the M&I initiative



# Technical Assistance

AIRA has a team of experts who provide **technical assistance** to help the IIS community align with national standards. An improved IIS ultimately allows health care providers to better serve their patients and the community, advancing public health nationwide.

79	organizations received technical assistance in FY 2025
80%	of IIS received technical assistance from AIRA in FY 2025
1,011	hours of technical assistance were provided across all organizations



## Address Cleansing

**Smarty** is an address cleansing and geocoding service, provided with CDC's support. Smarty helps jurisdictions improve IIS data quality by validating and standardizing addresses against US Postal Service data.

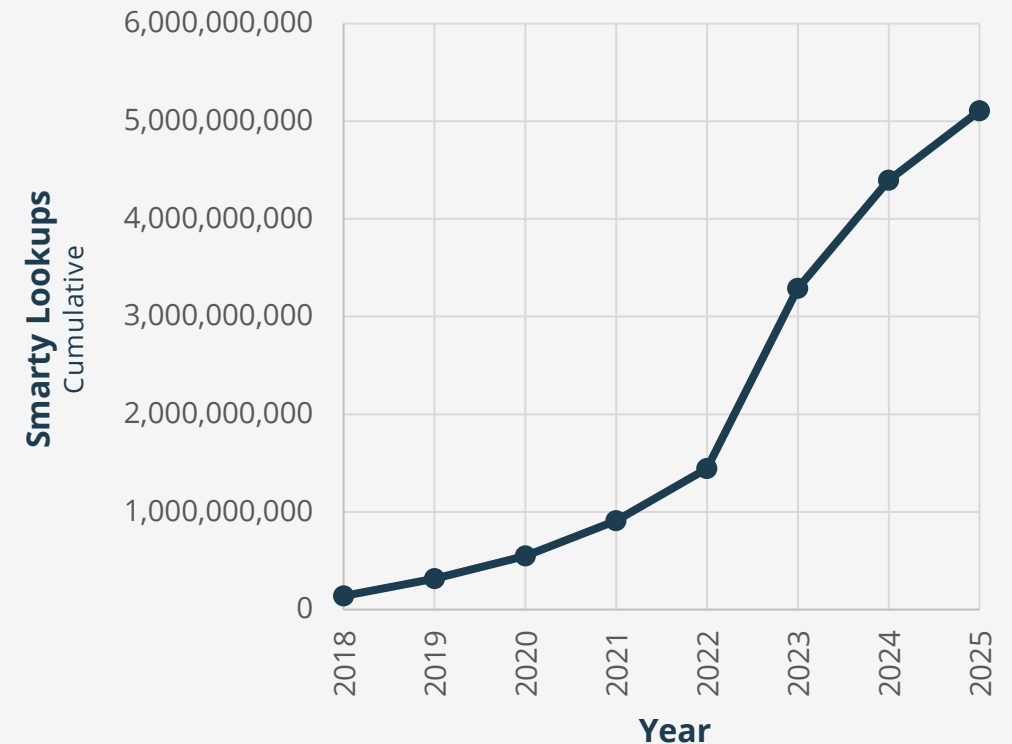
Like paving a road once so everyone in the neighborhood benefits, AIRA leverages Smarty for all IIS members to use. This shared service saves time and resources, creates efficiencies, and ensures every jurisdiction has access to accurate, reliable data—increasing modernization efforts across the IIS community.

“

Smarty is a phenomenal tool—every IIS should be using it. Its functionality and cost make it one of the best platforms available. Huge thanks to AIRA for making this resource available to us!

- ERNAD KLIPIC, NEBRASKA IIS

To date, over **5 billion** addresses have been cleansed.





# Immunization Integration Program

The **Immunization Integration Program (IIP)** is a collaborative partnership among CDC, AIRA, the Healthcare Information and Management Systems Society (HIMSS), and expert consultants to improve the exchange of immunization data between health information technology and IIS.

- In 2025, the program advanced its **Testing and Recognition** initiative with a new modular test plan, helping EHRs like Office Practicum demonstrate their immunization capabilities and earn recognition for successful data exchange.
- The IIP also expanded its community to include pharmacy partners, completing a landscape analysis of pharmacy data exchange and exploring a pharmacy-specific testing module to improve bidirectional sharing with IIS.

Through technical assistance, data quality initiatives, and presentations at the HIMSS Annual Conference and the AIRA National Meeting, the IIP continues to strengthen interoperability, ensure complete and accurate vaccination records, and support providers and public health agencies in delivering better care.



The IIP test plan is extremely robust and comprehensive. The test plan includes evidence-based, real-world use cases and will deliver positive results. Each use case facilitates better patient care and ease of use for the provider and in connecting with the IIS.

- CHRIS GIBSON, OFFICE PRACTICUM



## OUR WORK

# Shaping the Future

AIRA cultivates strategic partnerships, builds capacity, and sparks innovation to meet the public health needs of tomorrow.

Through **advocacy** and **partnerships, training, data analyst collaborations**, and pioneering work with global partners on **international vaccine code sets**, AIRA is tackling some of the most critical challenges in the IIS community.

Together, these efforts advance interoperability, foster shared knowledge, and equip IIS to navigate a rapidly evolving health landscape and prepare for the future.

## Advocacy and Partnerships

Advocacy is central to AIRA's work in supporting and representing IIS. With a comprehensive view of the IIS landscape, AIRA elevates their needs and concerns as the collective voice of the IIS community. By engaging stakeholders and partners both nationally and internationally, AIRA drives progress and advances IIS interests through strategic partnerships with organizations around the world.

AIRA's **engagement** is widespread. This year, **5,826** cumulative participants from **173** distinct organizations attended AIRA meetings and workgroups.

### National Organizations



### Federal Agencies



## Empowering IIS Through Training

AIRA provides invaluable training to the IIS community. In FY 2025, AIRA developed and released **5 online trainings** designed to strengthen the IIS workforce nationwide. These trainings provide practical, accessible learning on core IIS topics, including:

- **VXU** and **ACK** messaging
- Provider **onboarding**
- Connecting **pharmacies** with IIS

AIRA is increasingly offering on-demand training, making it easier to access learning whenever the need arises. By investing in training, AIRA and our partners are equipping the IIS community with the knowledge needed to sustain and advance public health infrastructure. To learn more about AIRA trainings, visit [www.immregistries.org/aira-trainings](https://www.immregistries.org/aira-trainings).



The HL7 VXU and ACK courses were incredibly valuable. They start with the basics and break down complex topics into simple, understandable terms. I could easily connect the concepts to my day-to-day work, making the learning super practical. Honestly, these are the best courses I'd recommend for anyone new to HL7 messages.

- DHIRAJ MANNE, WISCONSIN IMMUNIZATION PROGRAM

**255** participants from **63** organizations accessed AIRA's online trainings last year.



**500+** learning hours



## IIS Data Analyst Offerings

For several years, AIRA has created spaces for IIS data analysts to connect and learn from one another—strengthening the IIS’s ability to analyze, use, and display IIS data. These efforts include:

- Data Visualization User Groups
- IIS Data Analyst Collaborative
- An online forum

Most recently, AIRA launched the **IIS Data Analyst User Group**, and 100% of participants reported it has advanced their data analytic skills. A new **Query Code Library** also provided a secure, collaborative hub where IIS programs shared and built on one another’s queries.

These innovative efforts helped hundreds of IIS data analysts and epidemiologists improve IIS data quality, analytics, and coverage assessments, ultimately supporting healthier communities.

**432** attendees

**80%** of IIS jurisdictions

participated in a Data Analyst Offering

“

AIRA’s data analyst groups are wonderful! I have learned a lot from them—especially the Tableau user group—and it’s both fun and educational to see what other jurisdictions are doing and bounce ideas off each other. I always get new ideas to implement in Louisiana from each of the sessions. I am very grateful to AIRA for bringing us all together!

- RUNA BAKSHI, LOUISIANA IMMUNIZATION PROGRAM

# Defining the World's Vaccine Dictionary

AIRA's **International Vaccine Codes** initiative is tackling one of the most invisible but essential problems in immunization data: the lack of consistent, interoperable vaccine codes worldwide.

This year, AIRA helped bring together **30 experts** from **12 countries** in Bordeaux, France, to advance this work. The summit underscored the urgency—participants didn't ask *why* this work matters but *how soon* it could expand. Without robust, harmonized codes, IIS cannot fully support interoperability, FHIR adoption, or pandemic response.

Through this initiative that supports NUVA (Unified Nomenclature for Vaccines), AIRA is creating the connections and tools needed to ensure IIS can thrive in a global, data-driven future.



In a world where diseases cross borders faster than ever, working in silos is no longer an option. Global health demands global collaboration—and vaccine codes are the foundation.

- CORE MESSAGE FROM IVC

# Investing in Impact



AIRA invests in partnerships and initiatives that amplify IIS capabilities and deliver meaningful, lasting impact on public health—ultimately, building healthy communities.

# AIRA Corporate Partners

In addition to IIS staff and nonprofits, AIRA's membership encompasses **corporate partners**, including IIS implementers. Corporate partners are private sector organizations that support AIRA and its mission to enhance public health.

Much of what we accomplish is thanks to the generosity of our partners. Ahead, we share how we carefully steward these resources to create the greatest impact.

AIRA's corporate partnership provides an excellent opportunity for private sector organizations to get involved in the IIS community.

To join AIRA in advancing IIS, visit [www.immregistries.org/corporate-partnership](http://www.immregistries.org/corporate-partnership).

## DIAMOND



## PLATINUM



## GOLD



## SILVER





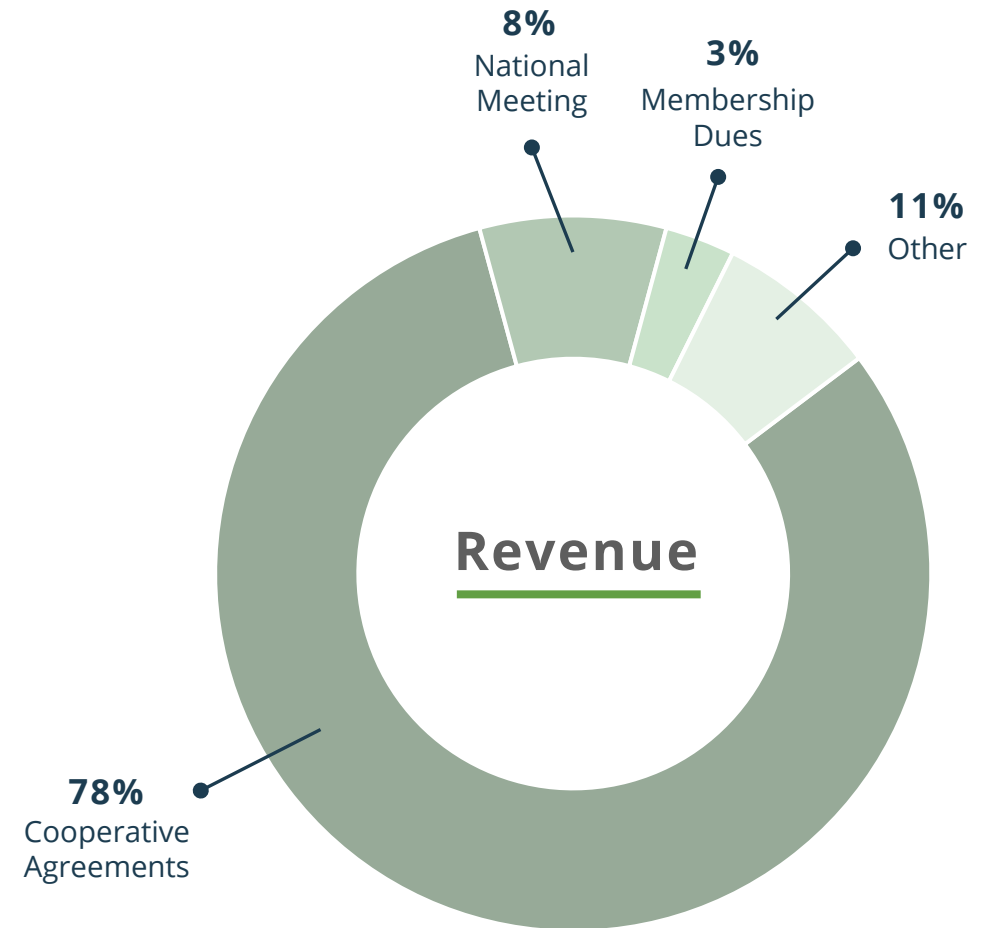
## Revenue, Assets, and Liabilities

AIRA plays a critical role in the immunization landscape by increasing the impact of IIS.

**Total Revenue**  
\$8 million

**Assets**  
\$4.7 million

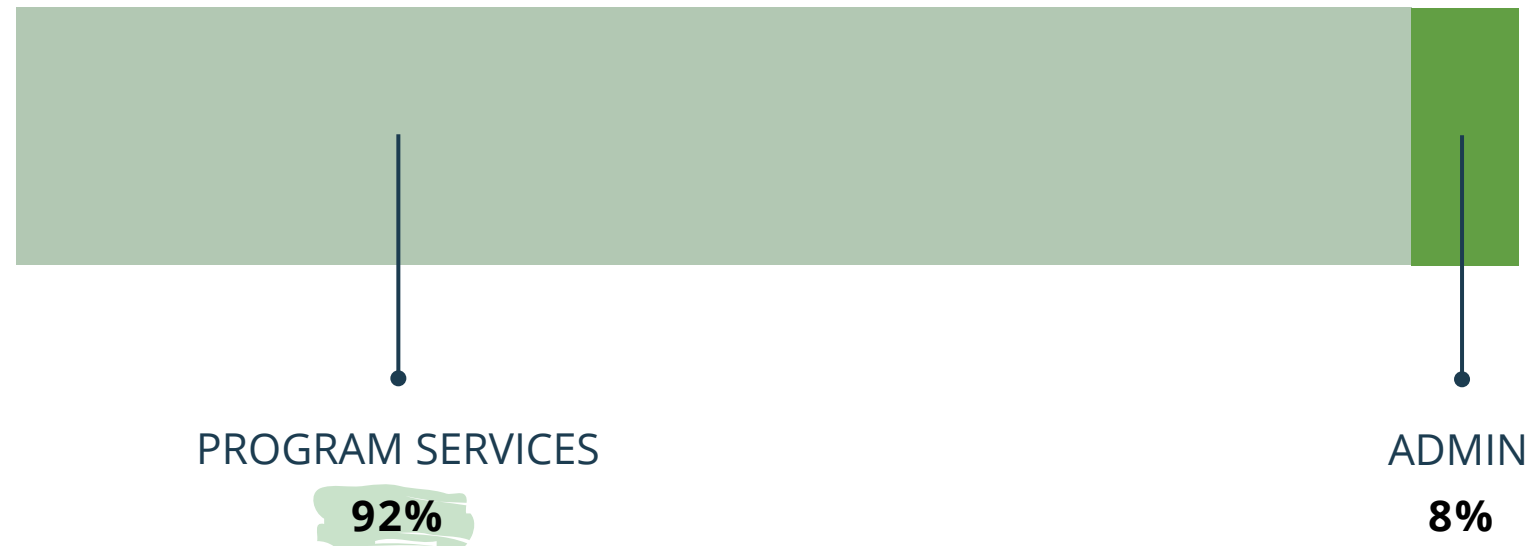
**Liabilities**  
\$968,000



## Expenses

The vast majority of AIRA's funding goes toward key program services to advance IIS.

### Expenses



# Thank You

AIRA's work is possible only because of our partners.

We are grateful to the following organizations for contributing their time, talents, and resources to AIRA and for their efforts to amplify the voice of immunization information systems and public health.

Altarum Institute

Amazon Web Services

American Academy of Pediatrics

Assistant Secretary for Technology Policy/  
Office of the National Coordinator for Health  
Information Technology (ASTP)

Association of Immunization Managers

Association of State and Territorial Health  
Officials (ASTHO)

athenahealth

Atlantic Management Center, Inc. (AMCI)

Audacious Inquiry

AZOVA

Business Rule Solutions

CDC Foundation

Centers for Disease Control and Prevention

Civitas Networks for Health

CureMD

Deloitte Consulting

Docket

Drummond Group, LLC

Envision Technology Partners, Inc.

Epic Systems Corporation

EUVABECO

Gainwell Technologies

Healthcare Information and Management  
Systems Society (HIMSS)

HLN Consulting

Immunize.org

Indian Health Service

J Michael Consulting

Joint Public Health Informatics Task Force  
(JPHIT)

LexisNexis Risk Solutions

MITRE

National Association of County and City  
Health Officials (NACCHO)

National Association of School Nurses

National Institute of Standards and  
Technology (NIST)

National Network of Public Health Institutes

Network for Public Health Law

NVG, LLC

Office Practicum

Oracle Health

Pan American Health Organization (PAHO)

Pfizer

Physician's Computer Company

Public Health Accreditation Board (PHAB)

Public Health Informatics Institute (PHII)

Qvera

Regenstrief Institute

Smarty

STChealth

Strategic Solutions Group

SYADEM

Veradigm

# AIRA

ADVANCING  
IIS TOGETHER

Join AIRA as we promote the use of immunization information, collaborate, advance best practices, and drive meaningful results for public health policy.

## BECOME A MEMBER

Ready to join? Learn more on our [website](#).

## COLLABORATE WITH PEERS

Already a member? Join a [workgroup](#) to share ideas and stay connected.

## ACCESS BEST PRACTICES

Curious about resources? Explore our comprehensive [repository](#).