



|| AIRA 2026 NATIONAL MEETING

WELCOME ||



# **Igniting Improvement: AIRA's Push to Modernize Systems and Unite Partners**

April 29<sup>th</sup>, 2026

8:30-9:30am ET

# Introductions for our Panel

- Mary Beth Kurilo, MPH, MSW, AIRA – Moderator/Speaker
- Megan Fields, MPH, AIRA - Speaker
- Melissa McClung, MSPH, AIRA - Speaker
- Mandy Harris, State of Nevada - Speaker
- Kristin Glaza, Oracle Health - Speaker
- Dr. Bernie Eskridge, MD, University of Missouri Health Care - Speaker

# Acknowledgments

- This work was supported by the National Center for Immunization and Respiratory Diseases of the Centers for Disease Control and Prevention under award number 5 NH23IP922665-02-00
- We'd like to thank the many bright minds that contributed to this work:
  - The Standards & Analytics project team and the Measurement for Assessment & Certification Advisory Workgroup (MACAW) members
  - The Immunization Integration Program (IIP) project team, Executive Council, and partners
  - Our CDC sponsors and partners

# High Level Overview

- Measurement: Why it Matters
- M&I Initiative – A System Built on Trust
- Promoting Interoperability: The Immunization Integration Program (IIP)
- The IIS Perspective: Impact on Jurisdictions
- The EHR and Clinician Perspective: Impact at the Point of Care
- Celebrating Collective Achievement



# Measurement: Why it Matters

Mary Beth Kurilo

# Finding Our “Why” for Measurement

Adopting standards is the right thing to do

What gets measured, gets done

I want a perfect score

Looking for fame and recognition

Immunizations are about protection and health for all



# What Kind of Testing Are We Talking About?



User Acceptance Testing, Unit Testing, Regression Testing



Vaccine Efficacy and Immunogenicity Testing



Training/Competency Testing



Standards, Data Quality, and Interoperability  
Conformance and Alignment Testing

## Data Sources



Healthcare Providers



Pharmacies



Hospitals



Long Term Care  
Public Health,  
Occupational  
Health, Urgent  
Care, etc.

Most use  
electronic  
systems

**IIS-IIS Exchange** Automated send & receive  
data to complete vaccination records



## Jurisdictional Immunization Information System (IIS) or Registry



IIS consolidates records from  
multiple sources

Sources send & receive  
vaccination records

### Healthcare Providers

Use information to see  
which vaccinations their  
patients have had and  
may need

De-identified  
records

**Federal  
Government**  
(e.g., CDC) uses data  
to assess vaccination  
coverage rates and  
vaccine inventory

Identified  
records

**Health Payers**  
request data in bulk  
to assess their  
member population  
for HEDIS, Quality  
Measures, etc.

### State and Local Public Health Authorities

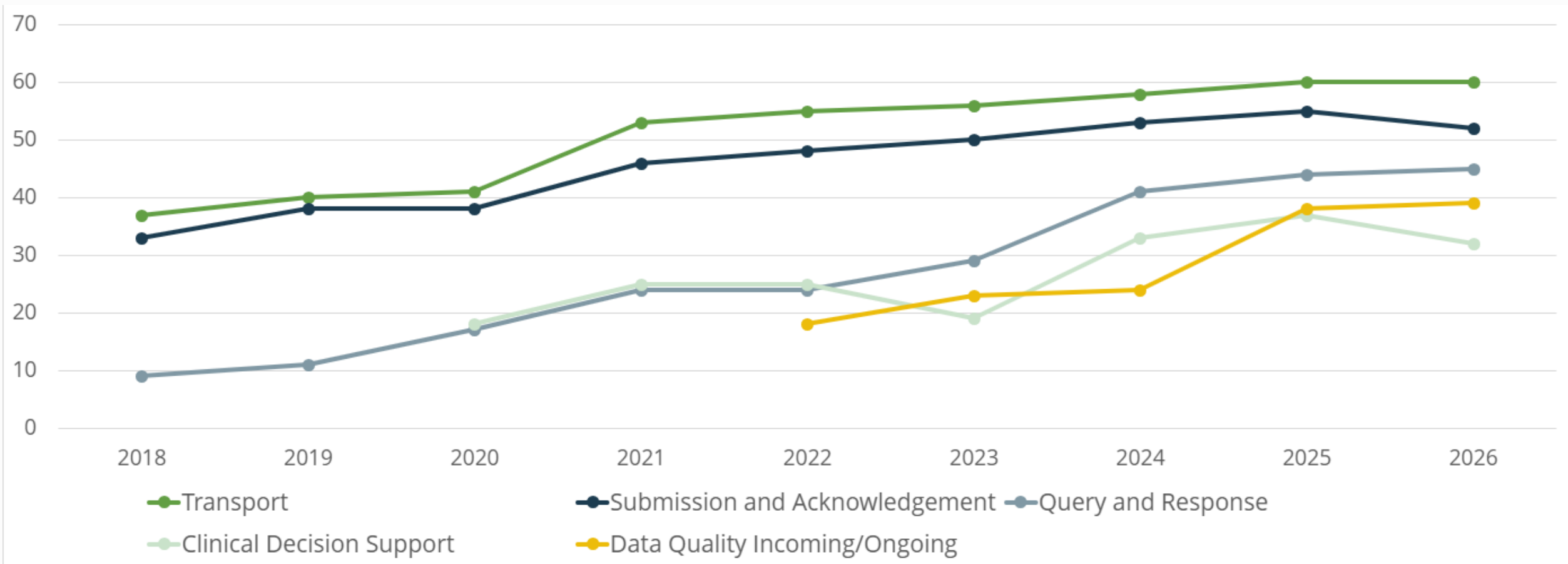
Use data to develop programs to increase vaccination coverage, decrease harm from VPDs (e.g., manage outbreak response), manage vaccine, etc.

### Parents, Patients, and General Public

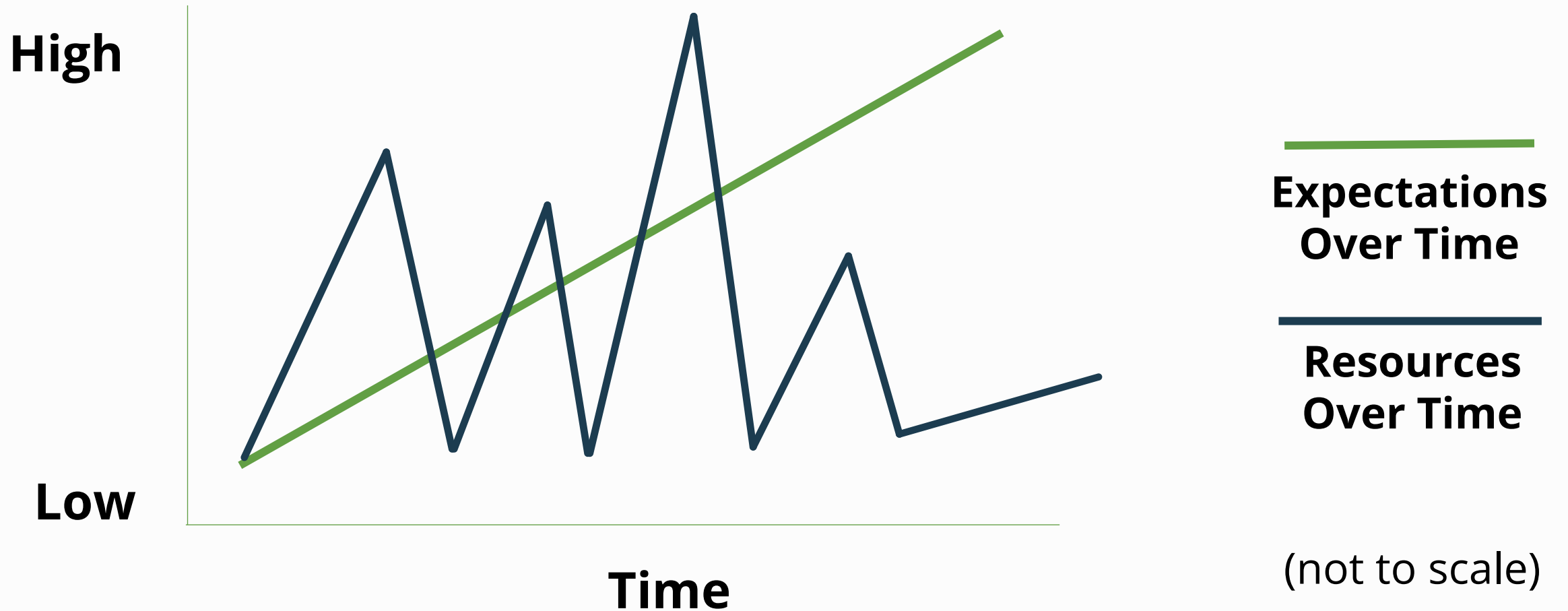
Use records to enroll children in schools and daycare and determine when they need vaccinations. (e.g., through a consumer access portal)

<**95%** of data  
comes from  
data  
exchange

# Basic IIS Validation – Over the Years



# IIS – A Core Challenge



# Focus for 2026 Forward

Support IIS, EHRs, and their partners to:



Continue to rigorously align with standards



Leverage new tools to gather insights



Stay agile to respond to our current environment



Modernize to gain efficiencies

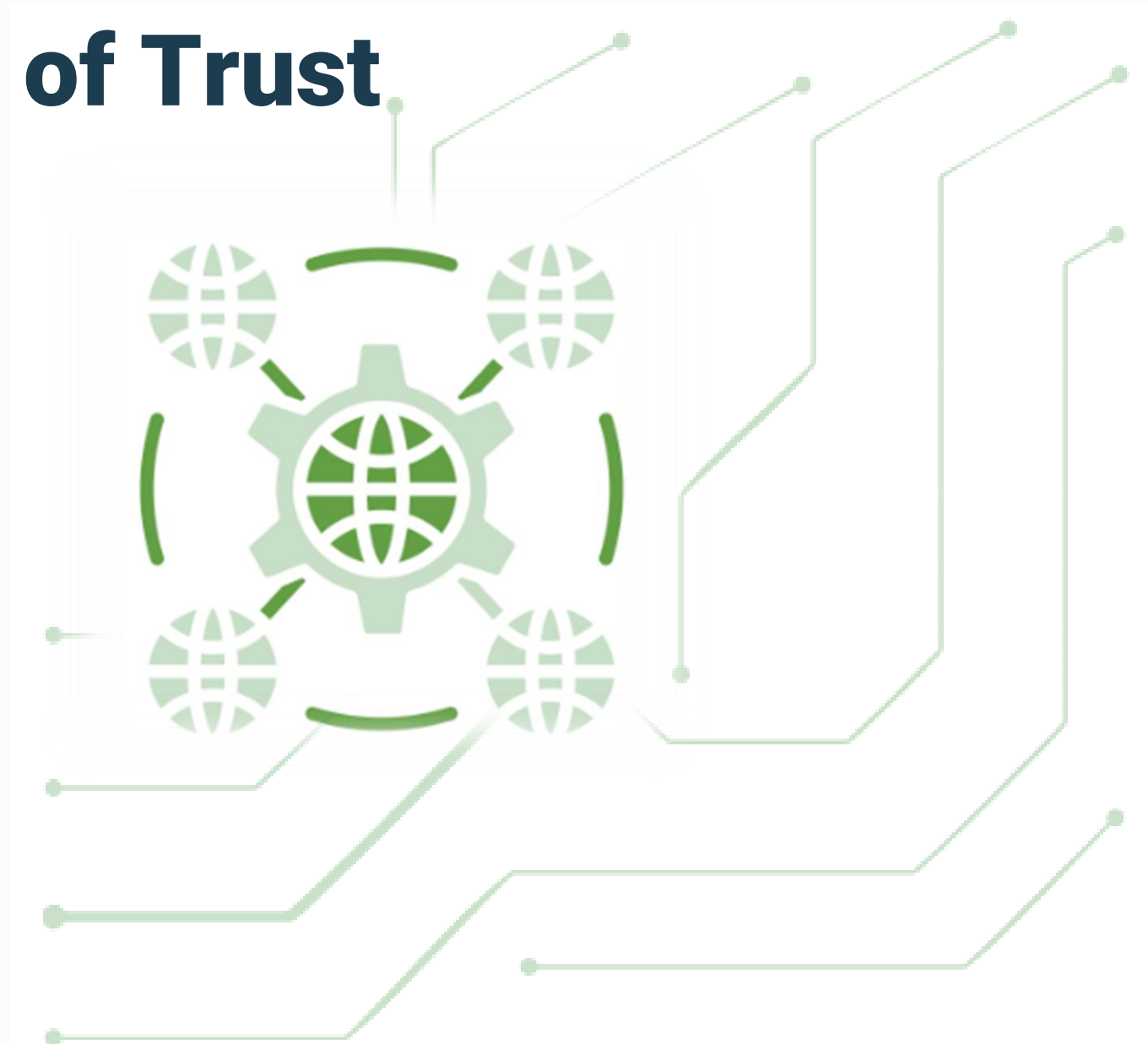
# M&I Initiative – A System Built on Trust

Megan Fields MPH



# The Infrastructure of Trust

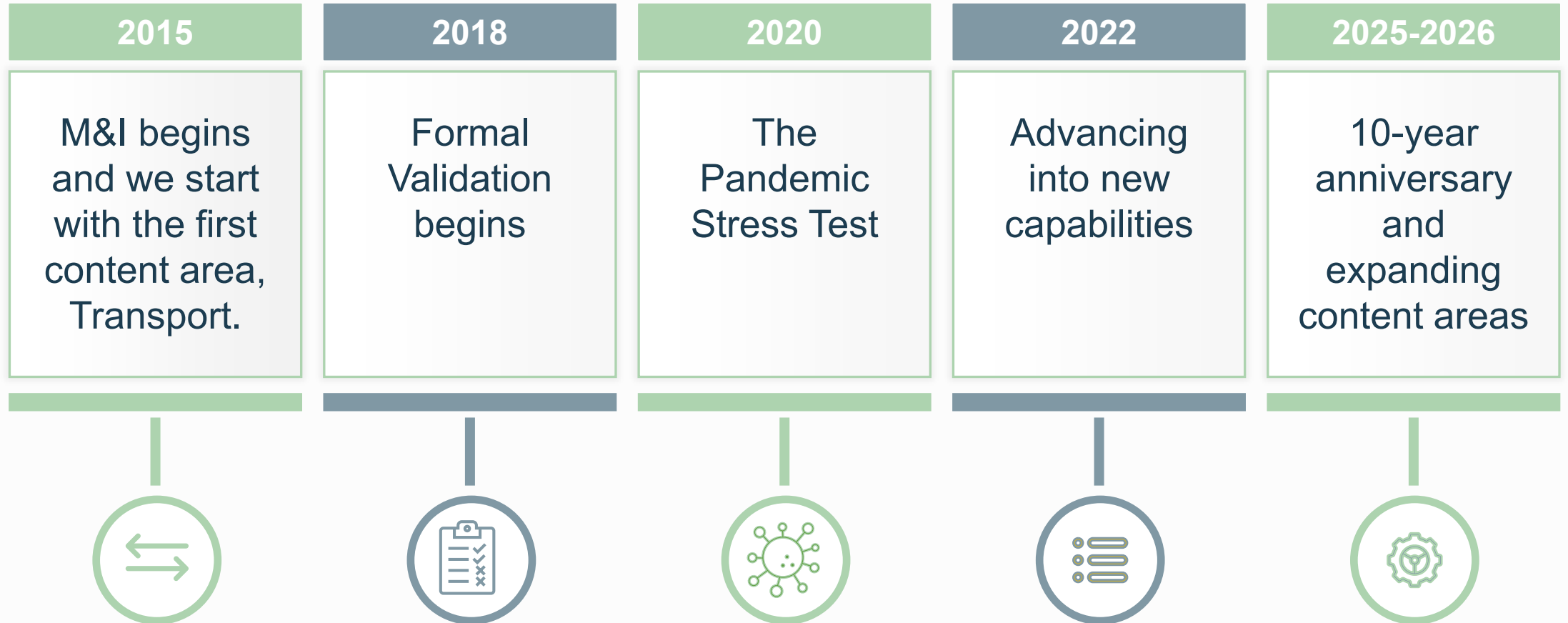
The Measurement and Improvement Initiative (M&I) drives the long-term success of Immunization Information Systems (IIS), Technology Partners, and Public Health



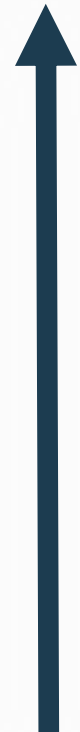
# Clear Method



# Decade of Data-Driven Progress



# Measuring what Matters



The New Frontier

Elite Data Quality

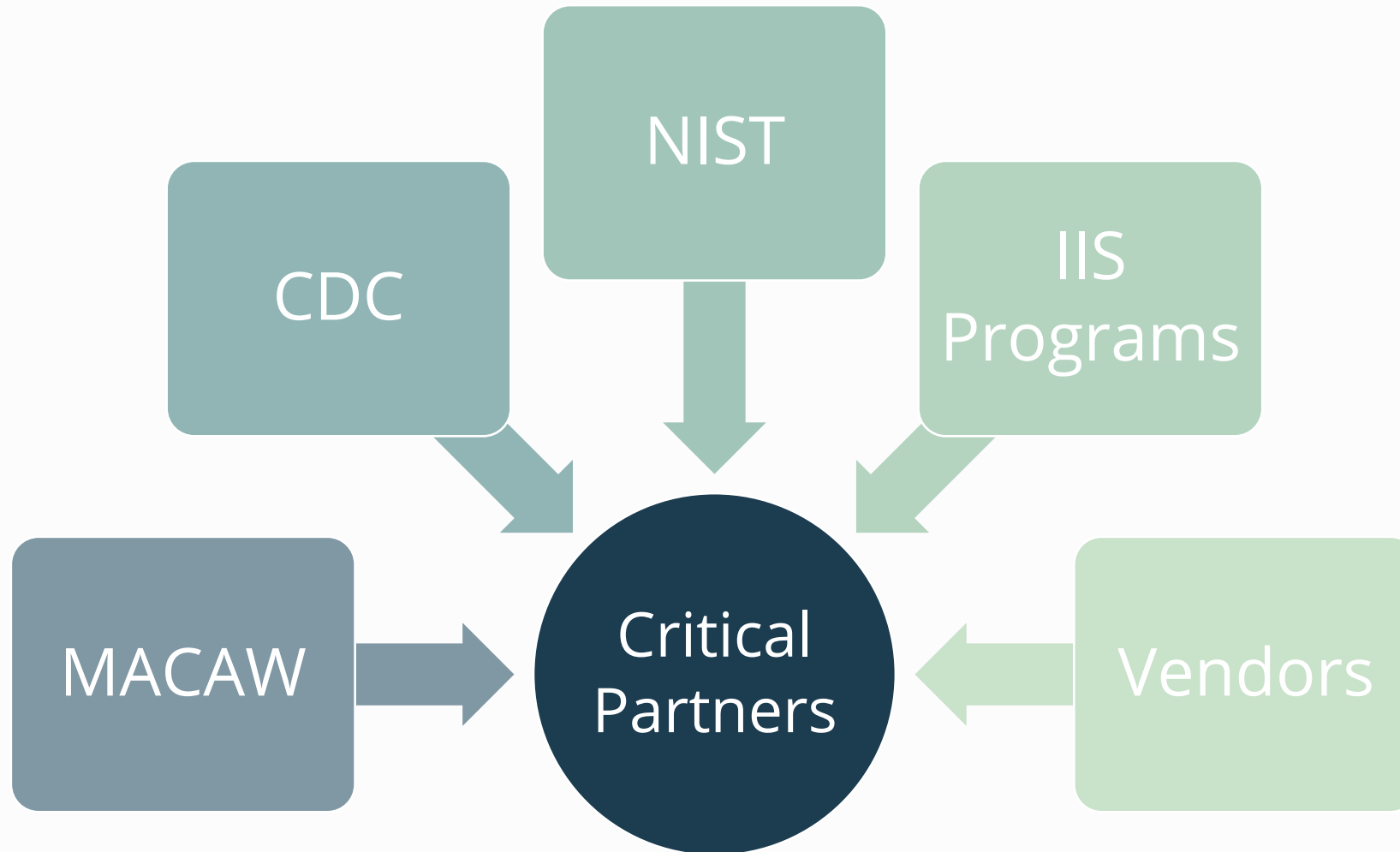
Clinical Intelligence

Advanced Exchange

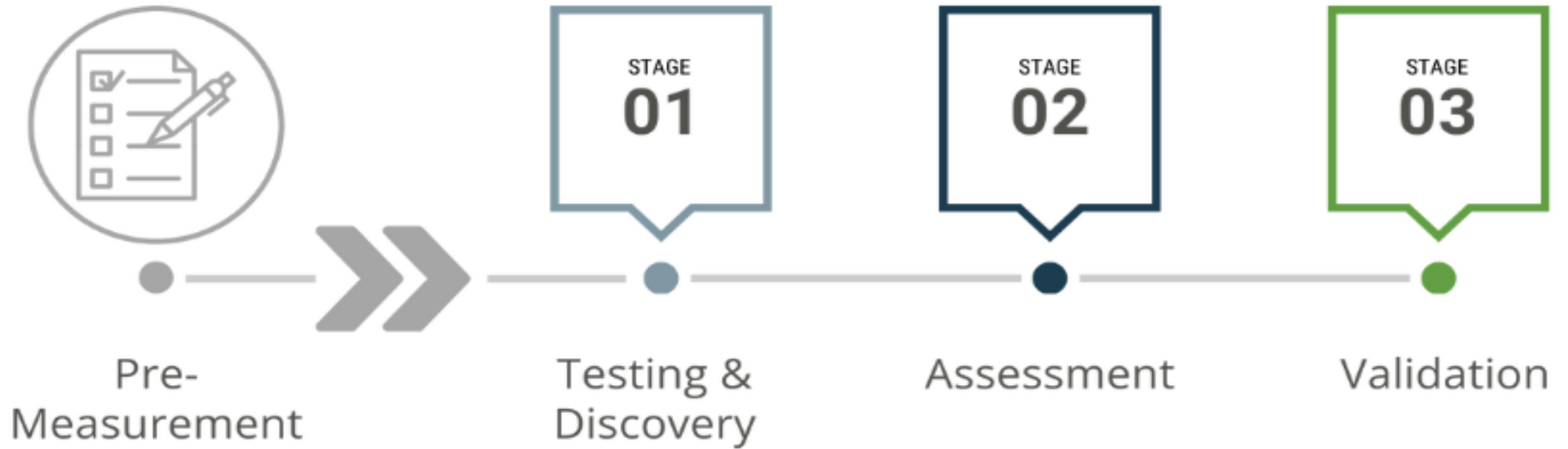
Basic Connectivity



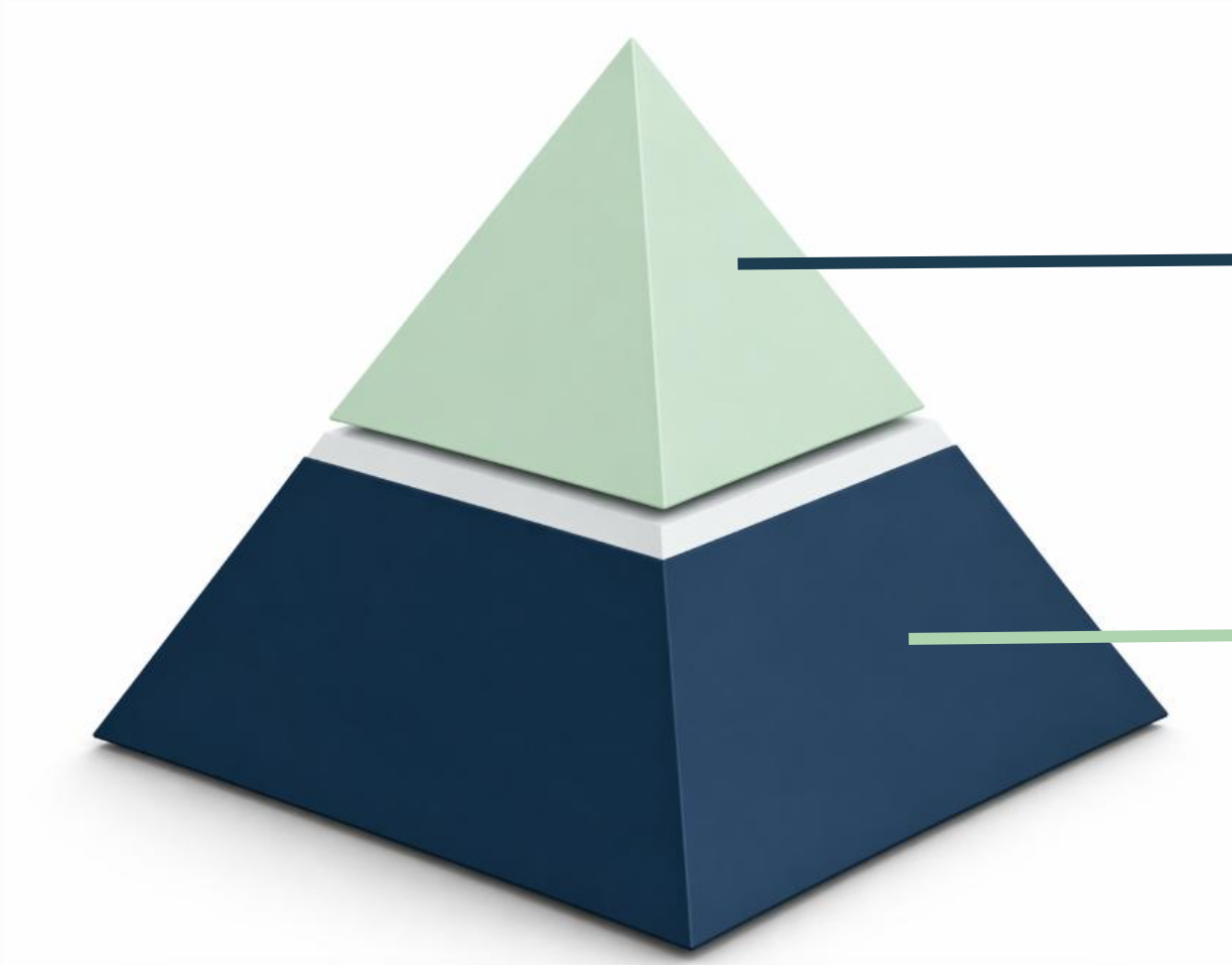
# Ecosystem of Shared Accountability



# Innovation Pipeline



# Functional to Fine-Tuned



**Gold Standard:**  
Complete  
Validation

**Baseline:**  
Basic Validation

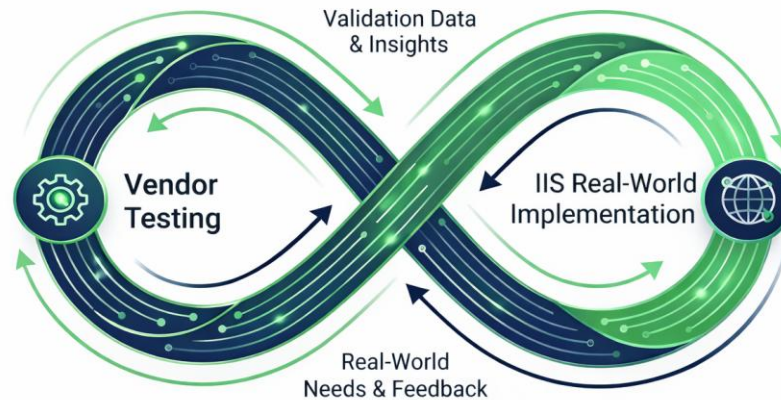
# Community Buy-In



**100%**  
Of  
jurisdictions  
measured in  
the last 12  
months

# Shaping Vendor Product Design

By validating base products and modules, voluntarily, M&I can actively shape software design before procurement.



Continuous evaluation creates a direct dialogue between IIS needs and vendor roadmaps, improving real-world interoperability.

# Interoperability Trust

- **Verifiable Recognition**

- Badges are the outward signal of rigorous internal validation.

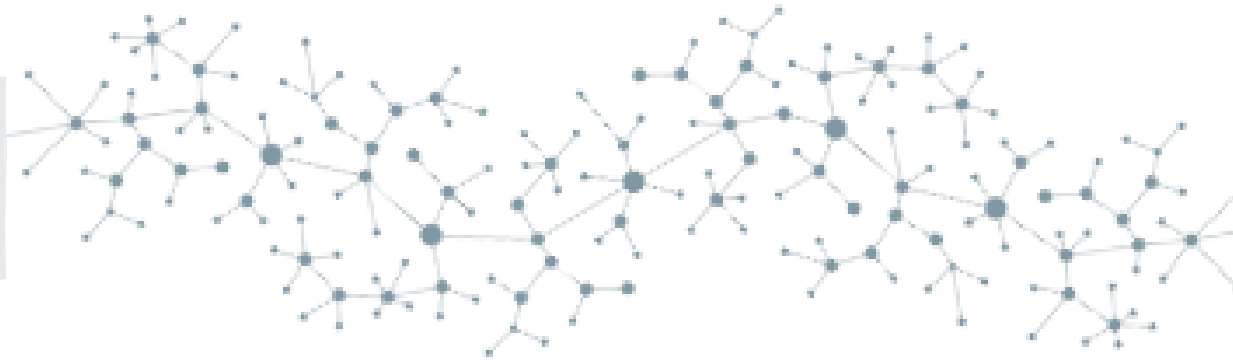
- **Ecosystem Adoption**

- IIS programs are integrating e-badges into digital space, program web pages, and presentation slides.



# Bridge to Healthy Communities

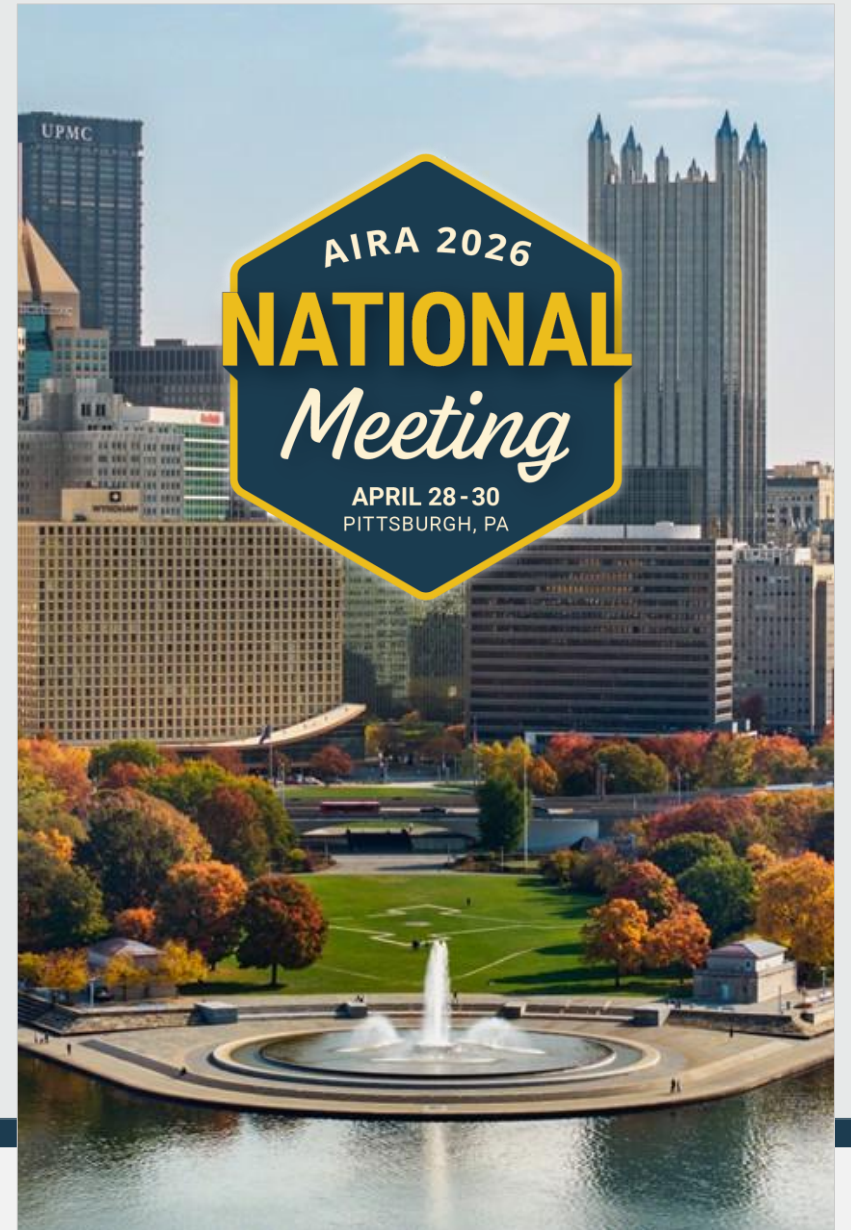
**Strong  
Systems**



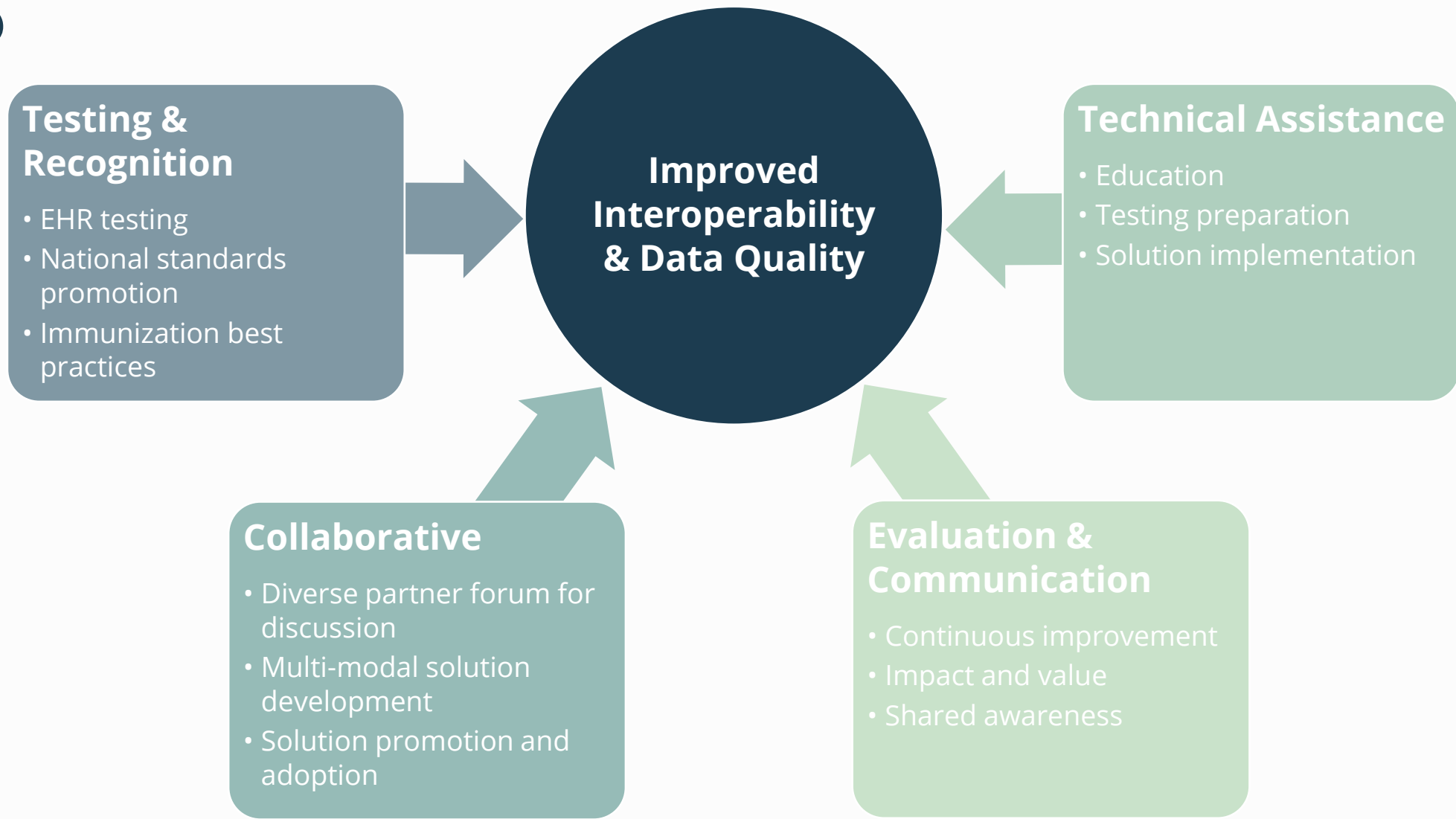
**Improved  
interoperability**

# Promoting Interoperability – The Immunization Integration Program

Melissa McClung, AIRA



# IIP

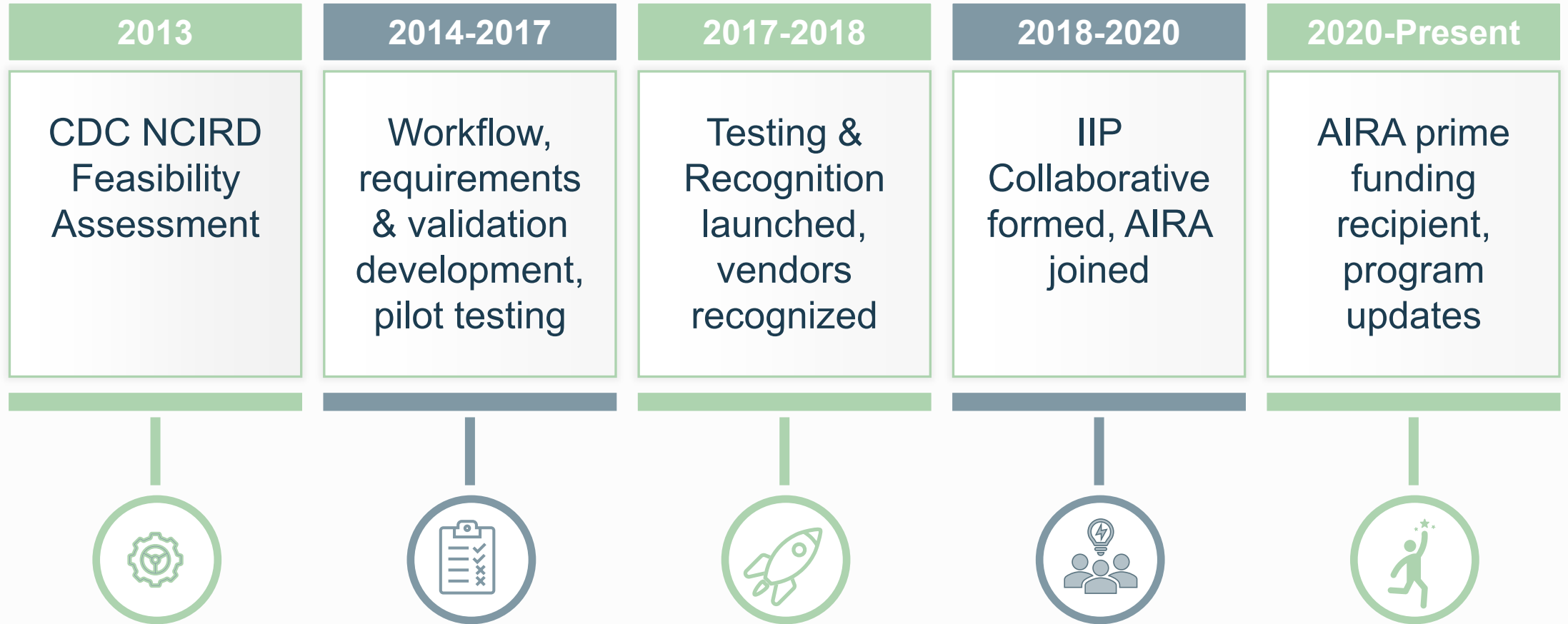


# IIP Partnerships

- Project partners include CDC, AIRA, HIMSS, Drummond, clinical and technical subject matter experts
- IIP Executive Council includes IIS, IIS technology partners, EHRs, clinicians, health IT partners, HIEs, ONC, CDC and school health



# IIP Evolution



# IIP Testing & Recognition Initiative

- Parallels AIRA's Measurement & Improvement initiative
- 8 vendor products tested and recognized 9/2017-1/2025; currently testing CureMD
- IIP test plan recently converted to a modular format to maximize testing flexibility and efficiency
- Developing an advanced data quality testing module



# Testing what Matters



*Additional Test Modules*

Advanced Data Quality

Clinical Workflows

ONC (f)(1)





# Impact on Jurisdictions

Mandy Harris

IIS Integration Manager

Nevada WebIZ



# A Little Bit About our IIS: Nevada WebIZ

- Nevada WebIZ (or NV WebIZ) has been in use since 2003, and reporting became mandatory in 2007 (for children) and 2009 (for adults).
- As of March 2026, the system contained over 5.6 million patient records, which include over 69 million vaccinations.
- Over 2,000 public and private authorized organizations in over 3,300 locations, including medical practices, hospitals, local health authorities, school districts, and child care facilities, have access to view, add, and/or update immunization information for Nevada's communities.
- Learn more about the Nevada State Immunization Program at: [www.dphb.nv.gov/programs/immunizations](http://www.dphb.nv.gov/programs/immunizations)

# Measurement: Providing Support and Synergy



## Impacts of Measurement Through the IIS Lens

- ❑ **For Clinicians:** More accurate clinical decision support for immunizations
- ❑ **For EHR vendors:** Better acknowledgement messages, fewer data errors or missed data
- ❑ **For constituents across my state:** More complete data for individual consumer records, school requirements, etc.
- ❑ **For our Federal partners:** Standardized onboarding for exchange with Veterans Health Administration (VHA) and Department of Defense (DoD) through the IZ Gateway
- ❑ **For my team and my leadership:** Better reports and performance data from my system

# Progress Builds, Continues to Evolve

## 4) Standards

Written broadly, needed to be clarified and modernized.



## 1) EHRs and Clinicians

Systems were modernized as part of Meaningful Use – Regulation and incentive payments accelerated the process



**Health IT  
Ecosystem**

## 2) IIS

Modernized based on their mission, eventually had short-term resources



## 3) Measurement

Provided insight and assistance with improvements



# Where do we go from here?



- Measure
- Improve
- Modernize
- Collaborate
- Protect

# Impact on EHRs and Clinicians

Kristin Glaza, Oracle Health

Dr. Bernie Eskridge, University of Missouri Health Care



# The EHR Perspective



Navigating a day in the life of an EHR



Balancing customer needs and IIS requirements



Building trust and credibility through partnerships

# The Provider Perspective



High-quality  
immunization data  
from a provider  
perspective



The importance  
of alignment  
between EHR  
and IIS data



Why clinical  
voices matter



The value of EHR  
recognition  
programs



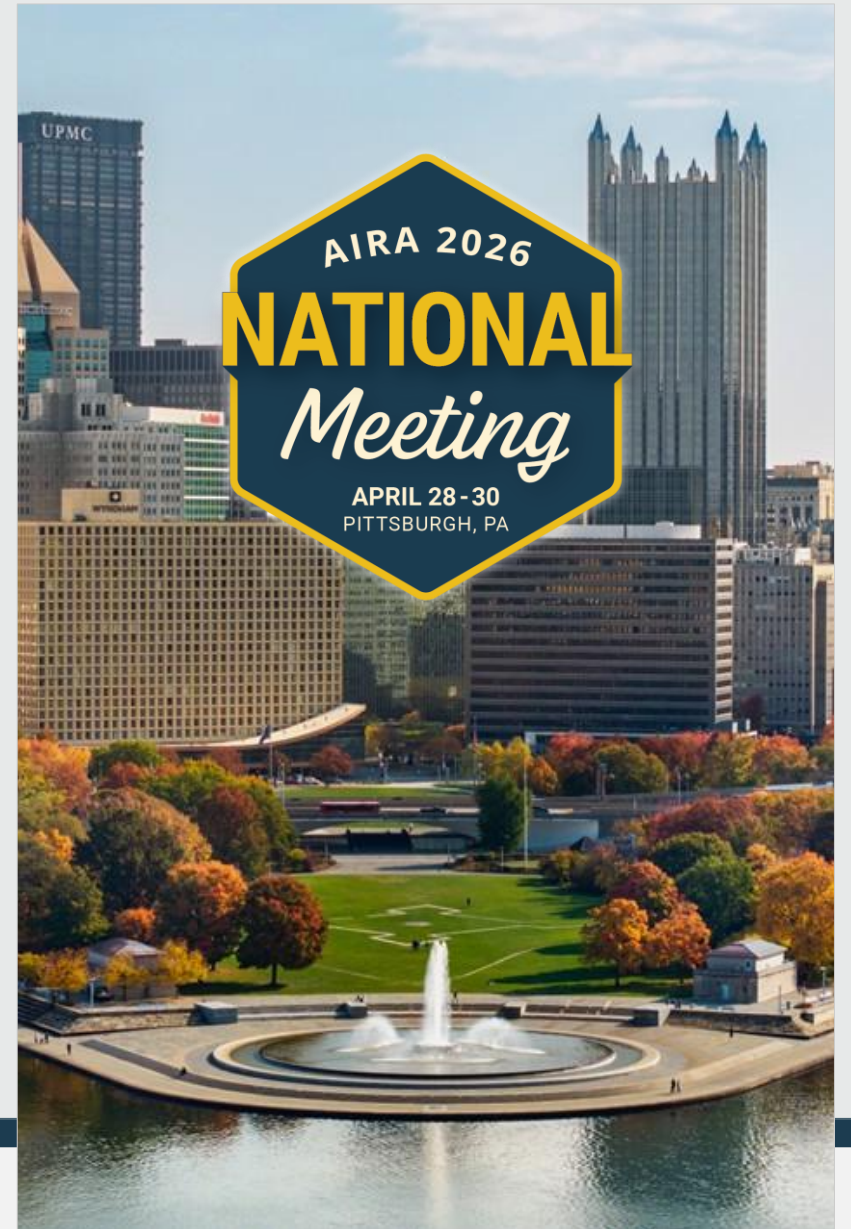
# The IIS, EHR, Provider Trifecta

- Accurate, complete, and timely immunization data depends on all three players functioning as an integrated system
- Provider trust in data = increased utilization = further investment in data quality and system improvement
- Participation in testing, validation, and measurement activities by all three stakeholders closes the loop



# Celebrating Collective Achievement

Mary Beth Kurilo



# IIS Validation – What Is It?

*Validation is a **summary stage** to formally acknowledge and recognize **IIS and IIS vendor products** that are progressing toward or achieving **alignment with community-selected measures and tests***

# IIS Validation – Who Is Taking Note?

- IIS data exchange partners
- CDC funders/sponsors
- Health payers (inc. CMS)
- ONC and others supporting rule and regulation across Health IT

*Vendor validation is especially helpful as an evaluation tool for IIS going through the procurement process*

**All validation data is available and published on AIRA's repository**  
**Search: Validation**

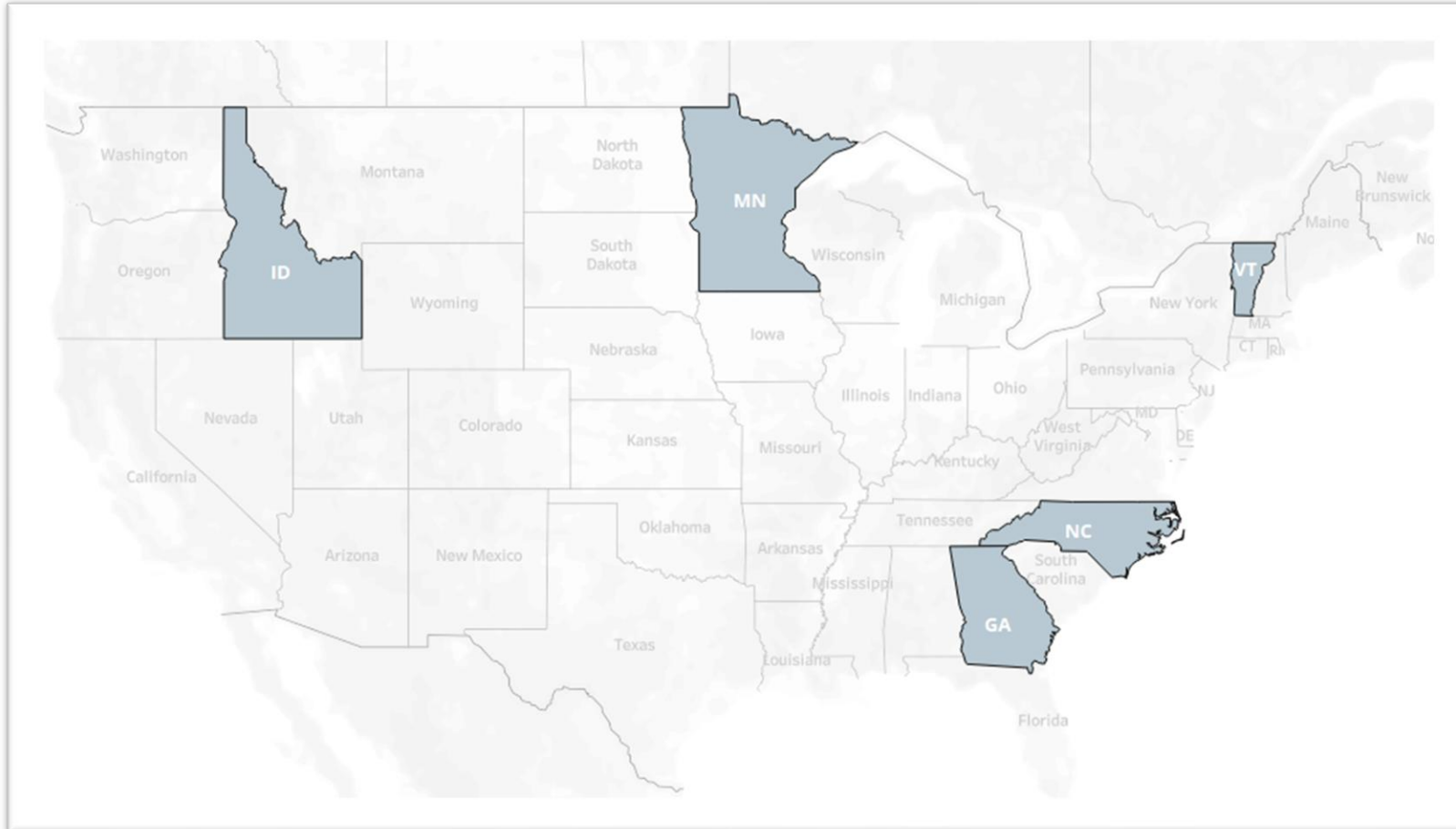
# Without Further Ado...



*Recognizing IIS validated at the basic level*

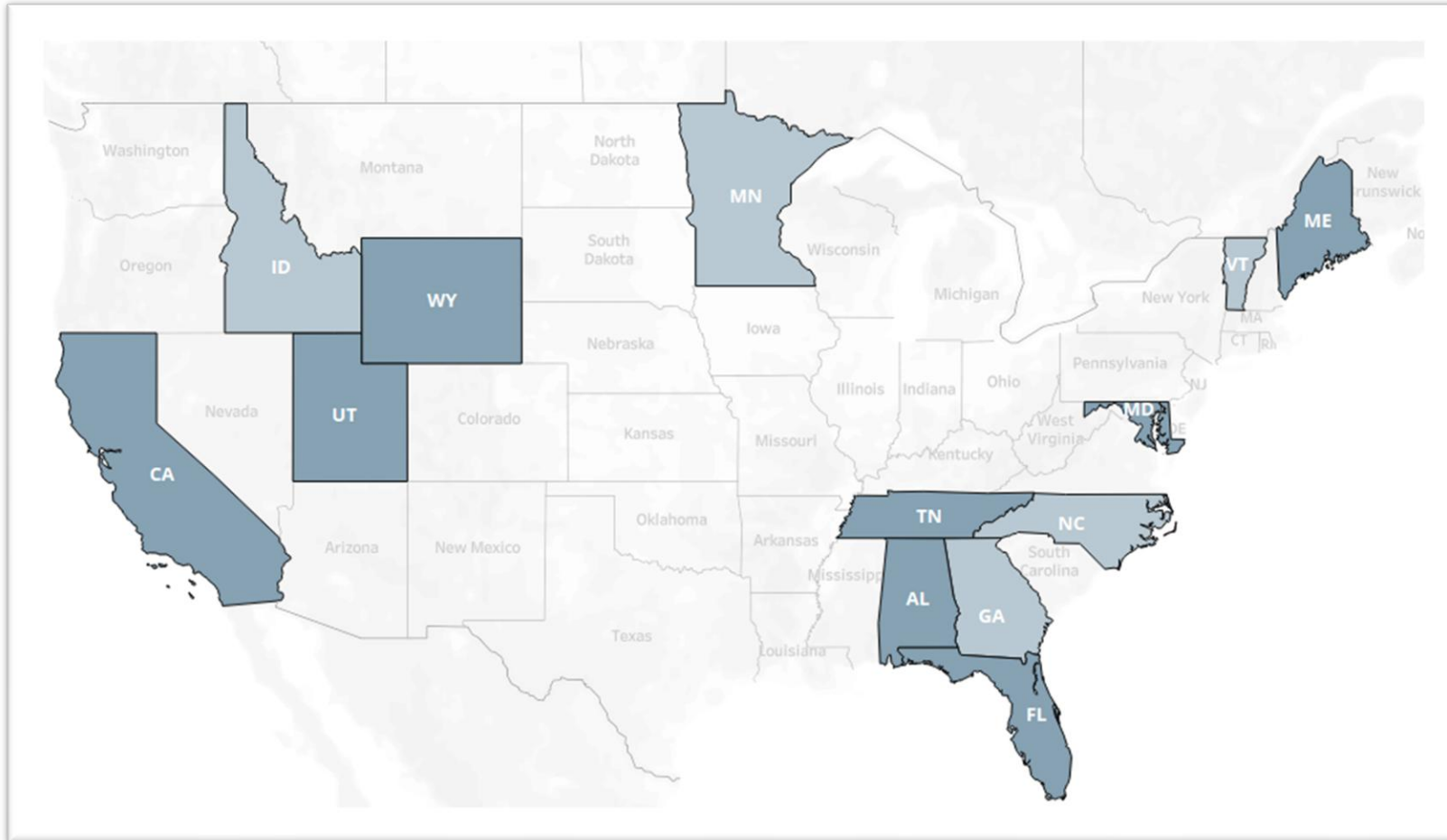
*(please stand when your jurisdiction is called,  
and stay standing)*

# IIS Validated in One Content Area



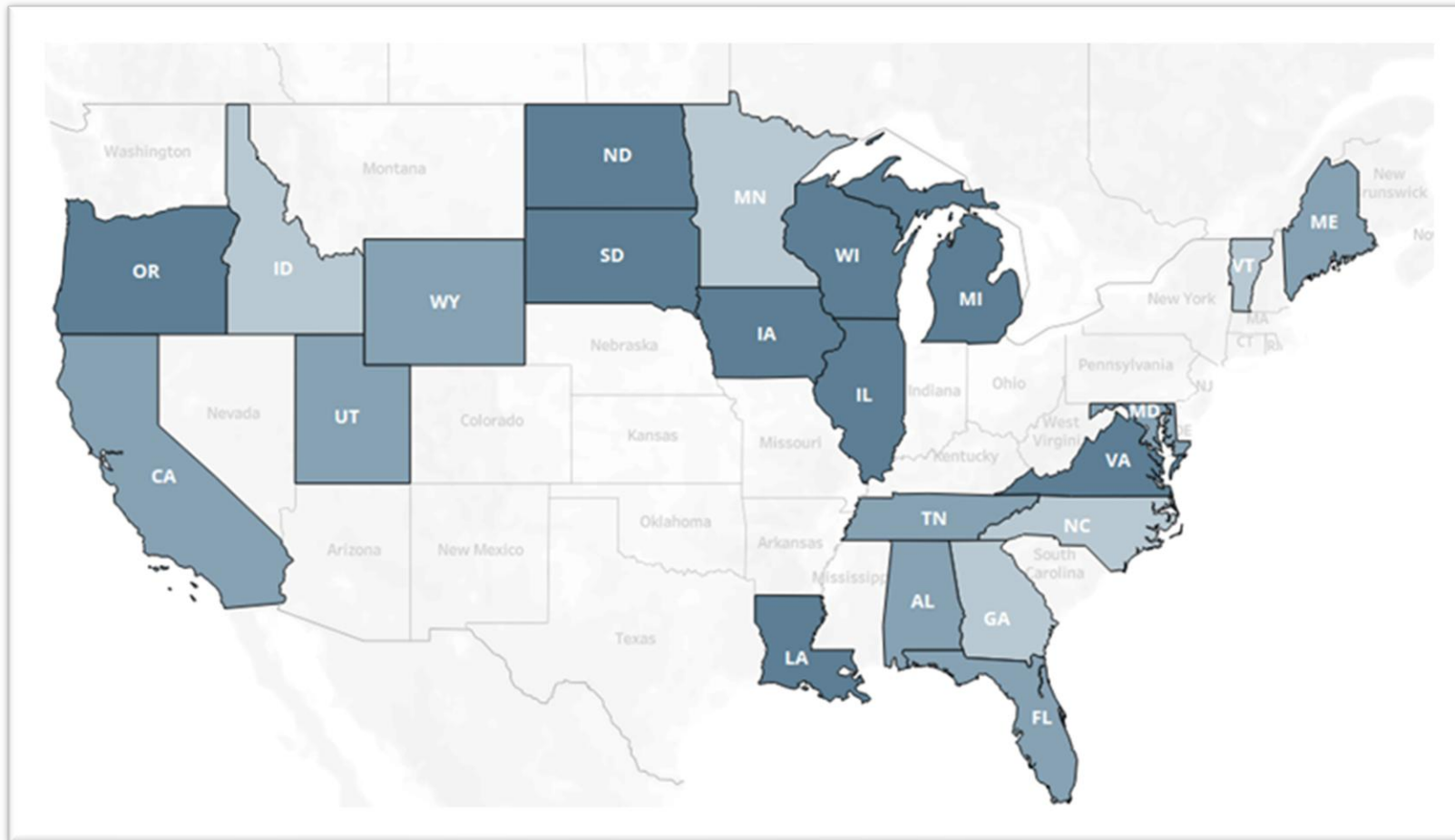
- Georgia
- Idaho
- Minnesota
- North Carolina
- Vermont

# IIS Validated in Two Content Areas



- Alabama
- California
- Florida
- Maine
- Maryland
- Tennessee
- Utah

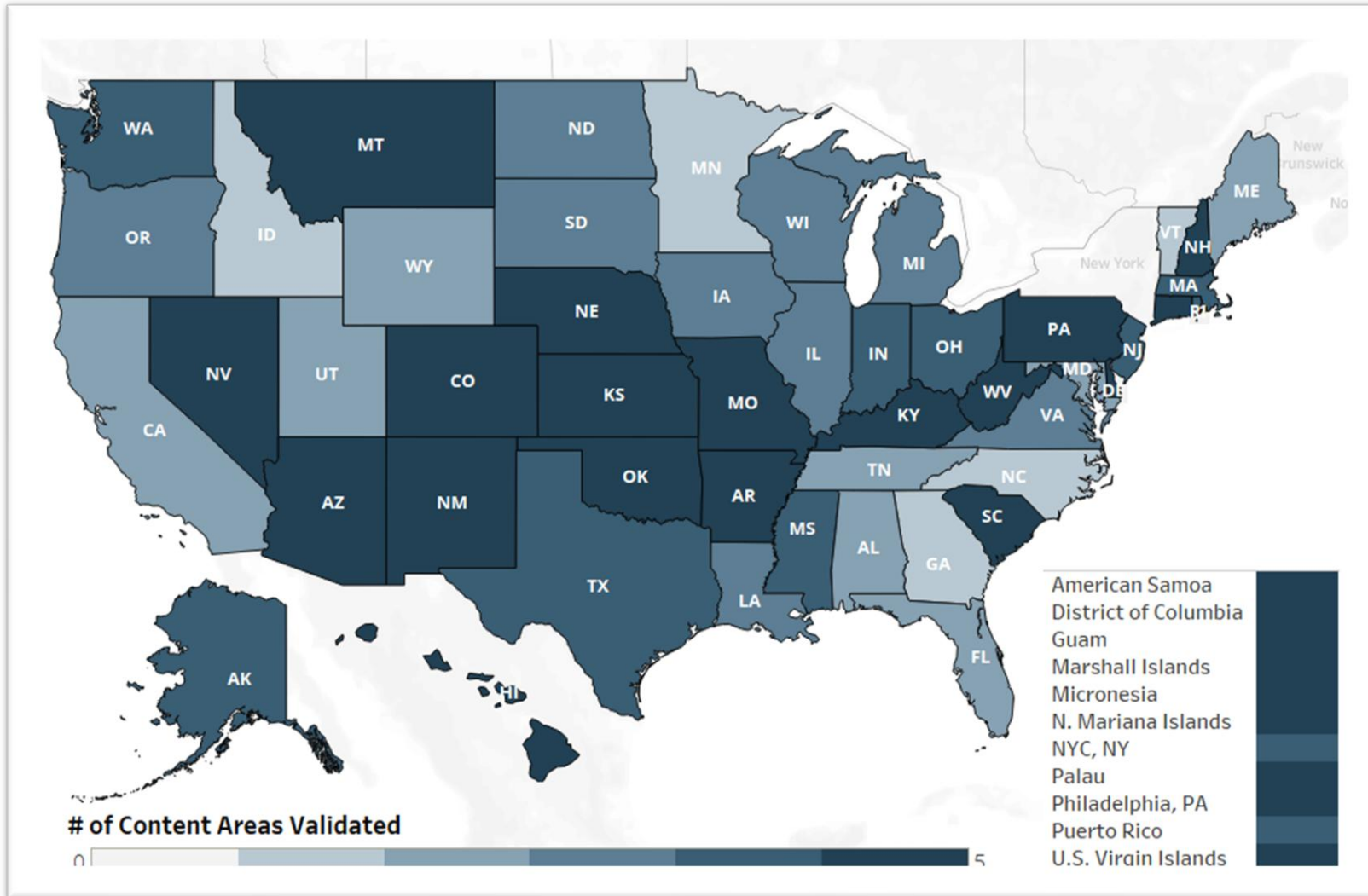
# IIS Validated in Three Content Areas



- Illinois
- Iowa
- Michigan
- North Dakota
- Oregon
- South Dakota
- Virginia
- Wisconsin
- Wyoming



# IIS Validated in Five Content Areas







- American Samoa
- Arizona
- Arkansas
- Colorado
- Connecticut
- Delaware
- District of Columbia
- Fed. States of Micronesia
- Guam
- Hawaii
- Kansas
- Kentucky
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
- New Mexico
- Northern Mariana Islands
- Oklahoma
- Palau
- Pennsylvania
- Philadelphia, PA
- Republic of the Marshall Islands
- South Carolina
- U.S. Virgin Islands
- West Virginia

# Vendor Product Validation

























- We have been testing our vendor products for several years, and this information has been available through the AART tool
- We're excited to see an increasing number of vendors voluntarily coming forward to be tested
- Today, we're recognizing vendors who have been validated at the complete level in Measurement and Improvement



# Vendor Product Validation

Vendor	Content Areas Validated (out of 5)					
 Envision/Web IZ	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	5/5
 Optimoz	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	5/5
 STHealth	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	5/5
 Gainwell	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2/5

Validated       Not Validated

# Vendor Product Validation

Vendor	Content Areas Validated (out of 5)
 Gainwell	       2/5
 Envision/Web IZ	       5/5
 Optimoz	       5/5
 STHealth	       5/5

 Validated     Not Validated

# Reminder!

- Learn more about M&I or IIP by talking with colleagues from AIRA, MACAW, or the IIP Executive Committee, or by stopping by the AART Clinic Room in Westmoreland East.
- Also - it's not too late to schedule an AART Clinic for your team! Swing by Westmoreland East to schedule!





# Questions? Comments?



# Stay in Touch!



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

Megan Fields, AIRA – [mfields@immregistries.org](mailto:mfields@immregistries.org)

Melissa McClung, AIRA – [mmclung@immregistries.org](mailto:mmclung@immregistries.org)

Mandy Harris, State of Nevada – [asharris@health.nv.gov](mailto:asharris@health.nv.gov)

Dr. Bernie Eskridge, Univ. of Missouri Health Care – [eskridgeb@health.missouri.edu](mailto:eskridgeb@health.missouri.edu)

Kristin Glaza, Oracle Health – [kristin.glaza@oracle.com](mailto:kristin.glaza@oracle.com)