What is IIS Measurement and Improvement?

The immunization information system (IIS) Measurement and Improvement Initiative was launched in 2015, with the goal of providing IIS with information and guidance to more fully align with IIS Functional Standards.

The initiative includes a three-stage process:

1. **Testing and Discovery**
2. **IIS Assessment**
3. **Validation**

Testing and Discovery, the initial stage, gathers preliminary information on community alignment with standards.

IIS Assessment, the second stage, involves more formal testing to measure individual IIS systems using IIS community-selected measures and tests.

Validation is a summary stage to acknowledge and share results for IIS that are progressing toward or achieving alignment with community-selected measures and tests.

The stages and content areas of measurement were developed by the AIRA Measurement for Assessment and Certification Advisory Workgroup (MACAW), a community group made up of IIS and Immunization Program staff, IIS vendors, and federal partners.

MACAW introduced Transport as the first content area of Validation in early 2018, followed by Submission/ Acknowledgment and Query/ Response in Quarter 2, 2018 and Clinical Decision Support (CDS) in April 2019. Data Quality content areas will be rolled out in 2020.

Please visit the AIRA webpage at www.immregistries.org for more details.

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Following the stages of Testing and Discovery and IIS Assessment, ***Validation*** *is a summary stage to acknowledge and share results for IIS that are progressing toward or achieving alignment with community-selected measures and tests. A Validation designation is automatically achieved when an IIS meets the designated measures and tests in a specific content area (e.g., Transport, Submission, Query, etc.), as specified in the AIRA developed Aggregate Analysis Reporting Tool (AART).*

What are the Benefits of Being Measured in Validation?

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Validation makes visible the data that is already available through the objective, independent testing process: With the Measurement and Improvement work that is already under way, there is abundant, Validated data about how IIS are functioning. This step of measurement will enable individual IIS to share their progress toward meeting standards with the broader community.

Sharing results builds confidence in IIS across other communities: Demonstrating publicly that IIS are meeting standards in a validated, meaningful way will improve the collective IIS credibility.

Broad participation will help the community prioritize essential improvements together: Prioritizing community-wide adoption of standards across both IIS and electronic health record (EHR) systems will reduce costs and resources needed for onboarding and maintaining interfaces both now and in the future.