IIS Measurement and Improvement Summary

Updated December 2019

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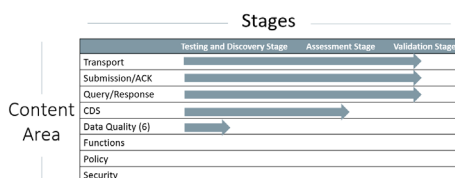
Validation is a summary stage to acknowledge and share results for IIS that are progressing toward or achieving alignment with community-selected measures and tests.

The stages and content areas of measurement were developed by the AIRA Measurement for Assessment and Certification Advisory Workgroup (MACAW).

Stages and content areas combine to provide a high-level roadmap for Measurement and Improvement:

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.

Stages of Measurement

Please visit the AIRA webpage for more details and an up-to-date timeline of event.

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.