Redefining the Value of Measurement

Repurpose, Reuse and Recycle for Results

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AIRA National Meeting

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Benefits and Value of IIS…

Practice Brief Report

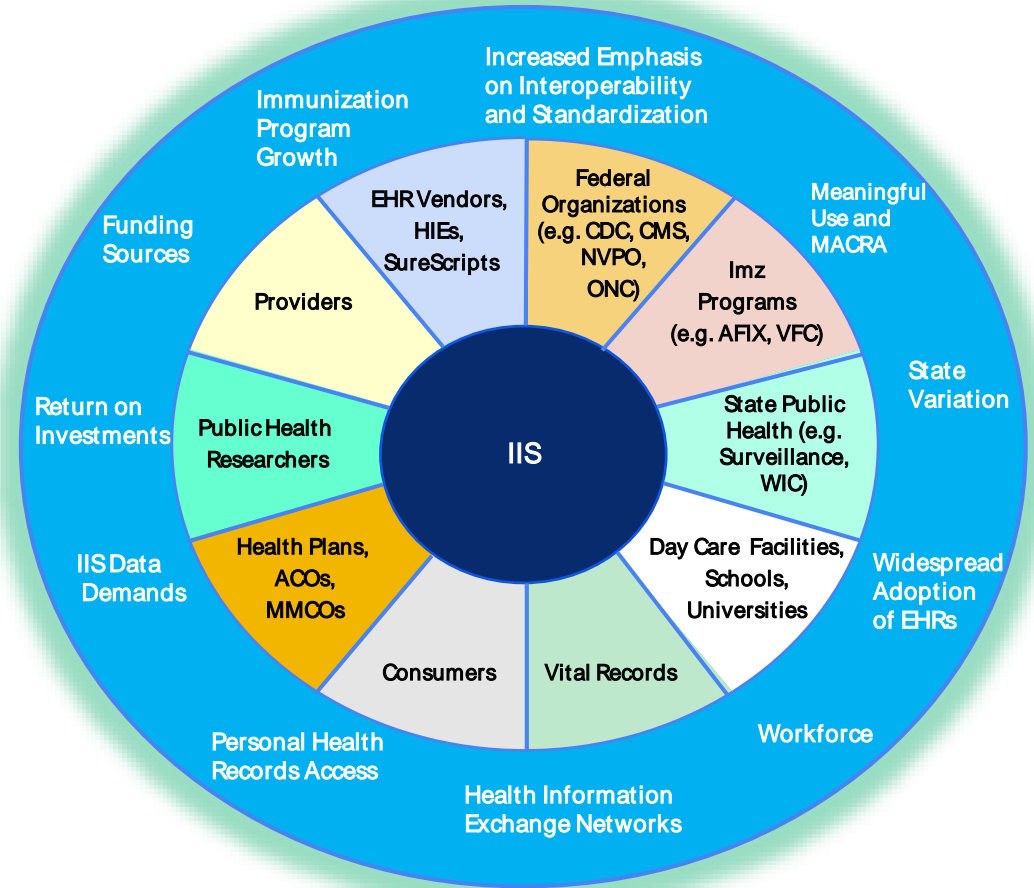# Recommendation for Use of Immunization Information Systems to Increase Vaccination Rates

Community Preventive Services Task Force

Based on findings of a systematic review, the Community Preventive Services Task Force recommends immunization information systems on the basis of strong evidence of effectiveness in increasing vaccination rates.
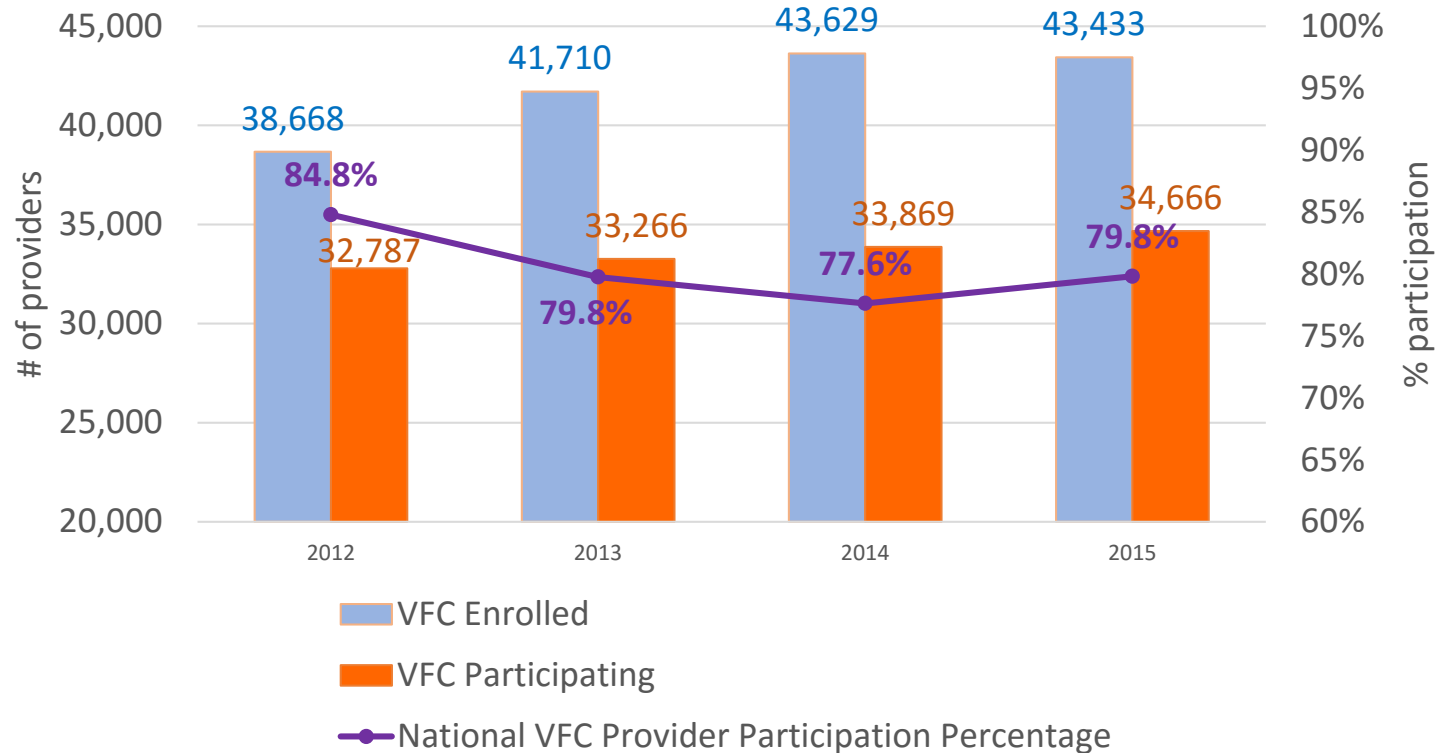
tance in preventing illness, injury, or premature death. Recommendations are based on a systematic review of the evidence on effectiveness, as well as on benefits and harms and applicability to populations other than those studied. Gaps in the available evidence are also

IIS – Many Benefits to Many Stakeholders

- More stakeholders interested in the benefits IIS offer than ever before

VFC Provider Participation

Repurpose "Offering Benefits"

- *Definition* of *benefits*. 2 : something that produces good or helpful results or effects or that promotes well-being.

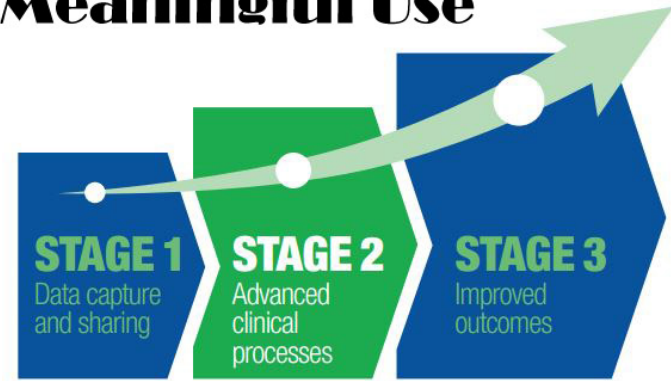# Repurpose "Offering Benefits" to "Promoting Value"

- *Definition* of *value*. 1 : a fair return or equivalent in goods, services, or money for something exchanged.

Investments in IIS

Meaningful Use

STAGE 1
Data capture and sharing

STAGE 2
Advanced clinical processes

STAGE 3
Improved outcomes

**Strategies for Measuring Value
Reusing and Recycling Tools
at our Disposal…**

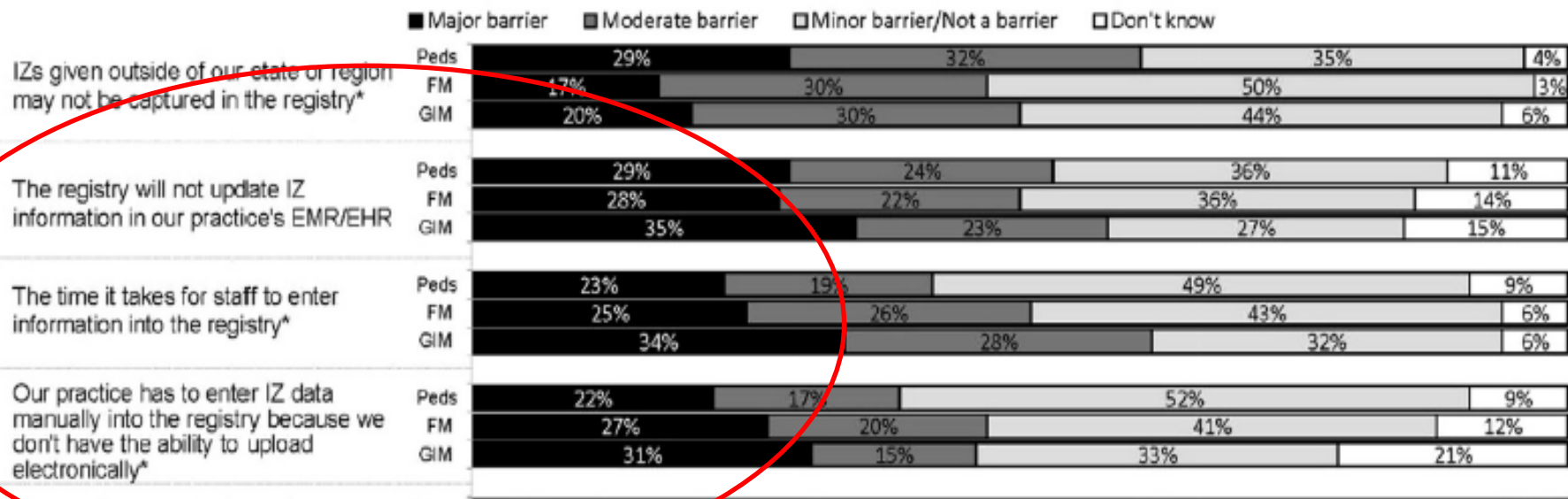# Prioritize & Engage Stakeholders

Prioritize & Engage Stakeholders

- Identify stakeholders are most critical for the success of the IIS

- Determine what about the IIS provides the greatest value to those stakeholders

- Measure to demonstrate value for their investment

Vaccination Provider Engagement: CDC Example

Kempe et al., Am J Prev Med 2017;52(2):173-182

Prioritize Capabilities & Activities

- 2013-2017 & 2018-2022 IIS Functional Standards
  - 27 Functional Standards
    - 100+ Operational Guidance Statements

Capability Prioritization: CDC Example

- IIS Business Plan Guidance
  - 4 foundational areas – 22 OGS
    - Childhood data completeness (i.e., 0 to 6 years of age)
    - Pediatric Clinical Decision Support (CDS) for immunizations
    - Coverage estimates for childhood vaccinations (i.e., jurisdictional and provider-based)
    - Bidirectional exchange with EHRs within the awardee's jurisdiction using published CDC standards

Align Resources

- Human and financial resources
- CDC Example:
  - Exploring new mechanisms and partnerships for technical assistance and support
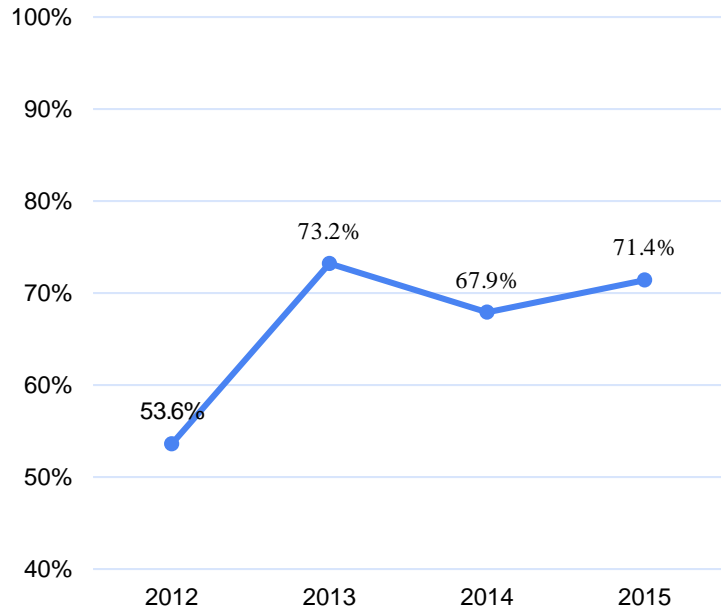 - Realign IISSB staff roles/responsibilities

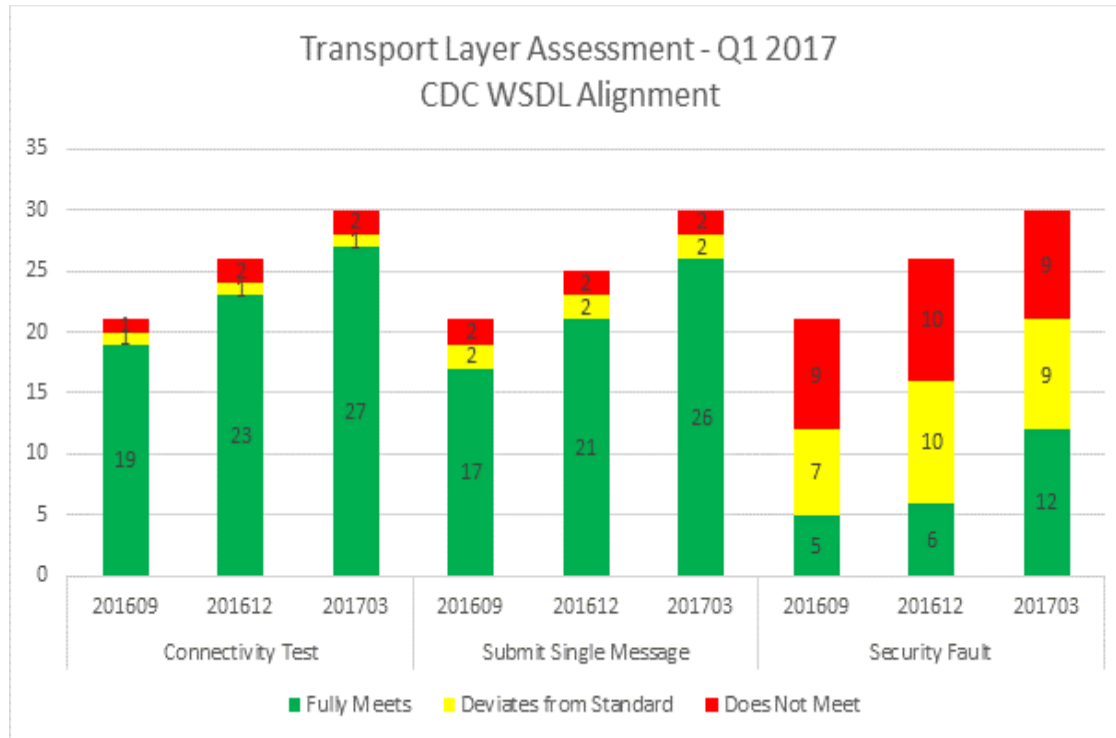# Measure to Demonstrate Progress and Achievement

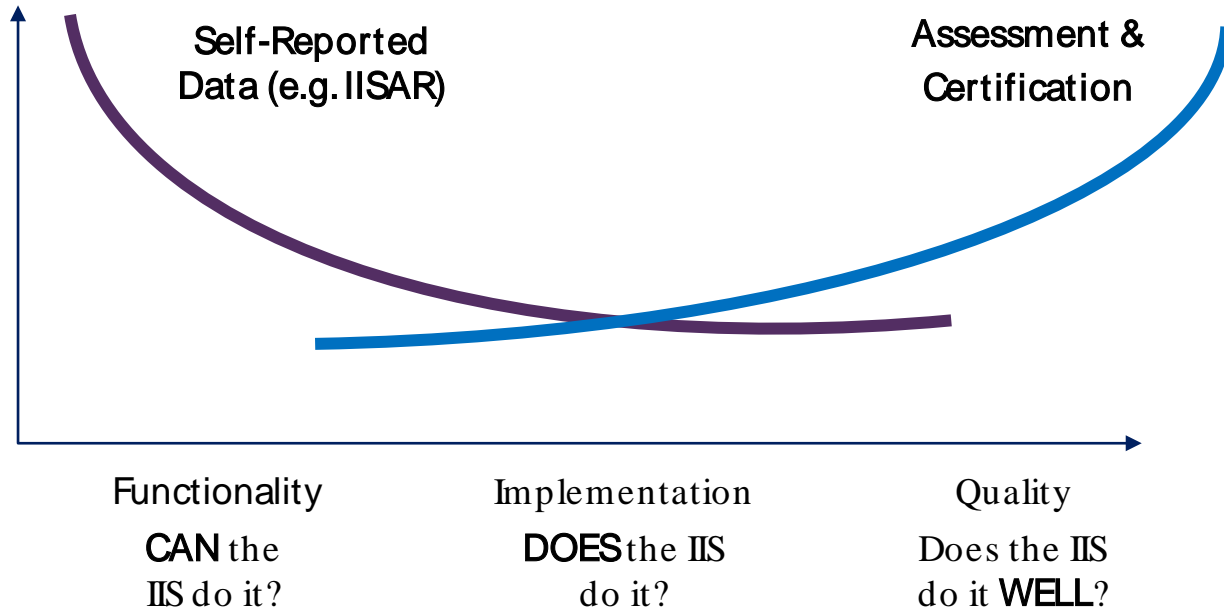# Measure Progress & Success: CDC & AIRA Examples

Measure Using Existing and Emerging Tools

Self-Reported Data (e.g. IISAR)

Assessment & Certification

Functionality	Implementation	Quality
CAN the IIS do it?	**DOES** the IIS do it?	Does the IIS do it **WELL**?

Summary

- The more we can measure and demonstrate value for our stakeholders, the greater the investments in, and ultimate success of IIS!

Thank You

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348   www.cdc.gov