


Adult IIS Capture and AIRA Initiatives Update

NAIIS
April 14, 2022
Liz Abbott, MPH

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Overview for the Session

- Status of Adult Capture
- AIRA/Partner Initiatives
- Resources
- Questions



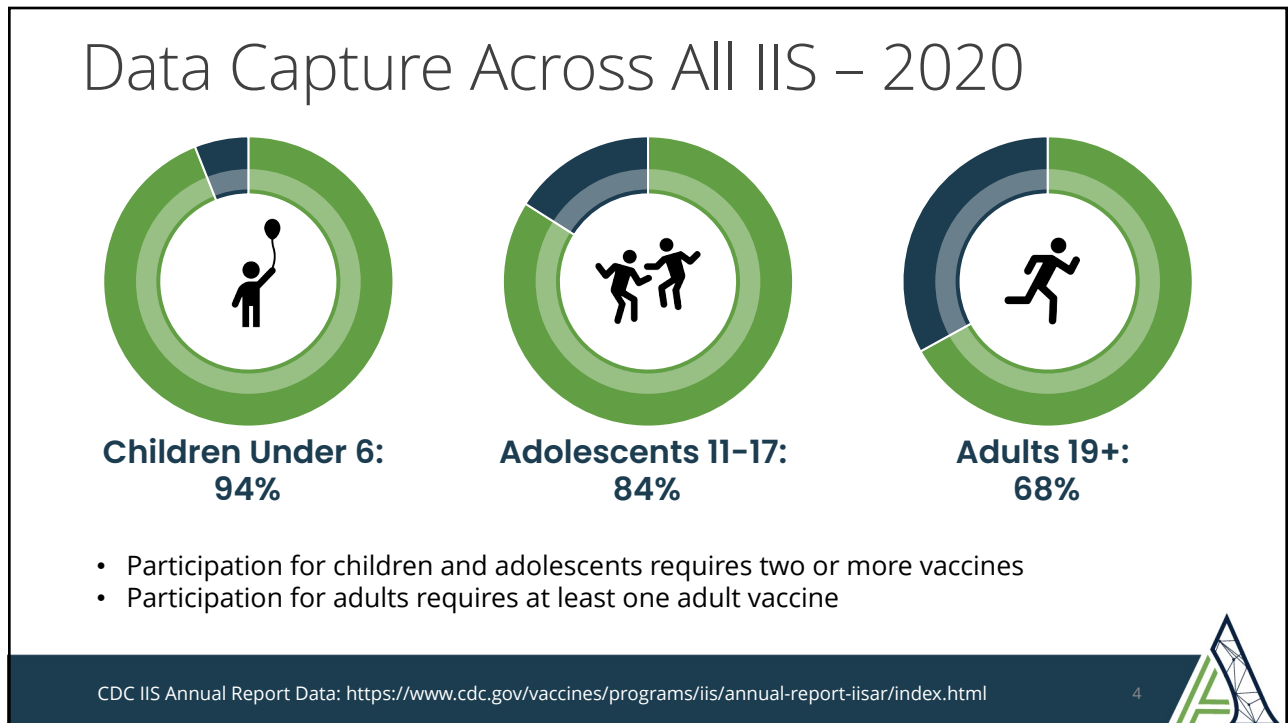
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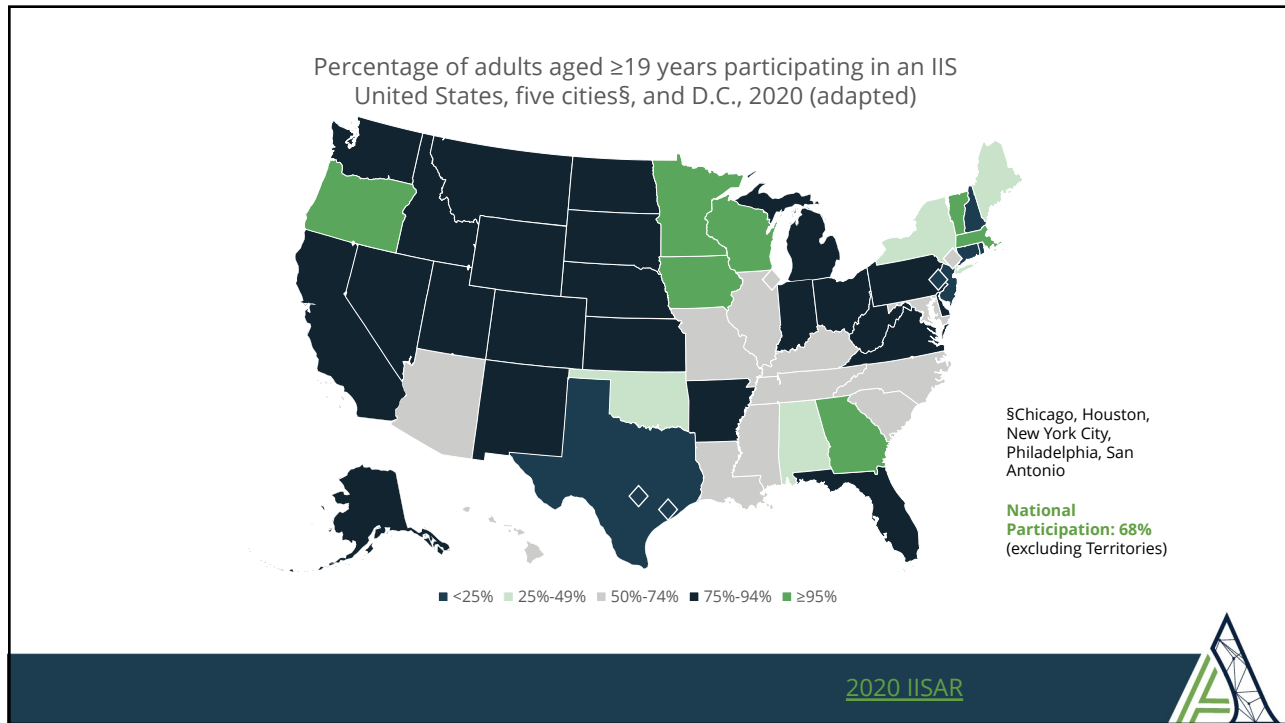
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Adult Capture Status

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Landscape Analysis- Adult Vaccination Capture in IIS

- Prioritize, fund, staff adult vaccination capture activities
- Motivate providers to report
- Reduce or eliminate barriers to reporting
- Address data confidence/data quality concerns

LANDSCAPE ANALYSIS
AN ADULT VACCINATION DATA CAPTURE AND DATA UTILIZATION
MAY 2021

AIRA

Landscape Analysis

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National Adult Vaccination Coverage



• *“Among the challenges clinicians face in assessing the need for vaccination is availability of a complete and accurate vaccination history along with access at the point of care to the most current vaccination recommendations.*”

• *Enhancing provider access to IIS could help improve vaccination coverage because IIS can provide consolidated immunization histories for use by a vaccination provider in determining appropriate client vaccinations.”*

• *Nationwide adoption of electronic health records, many of which have the capacity for patient-centered clinical decision support, also offer opportunities for improving adult vaccination coverage.”*

[Link to MMWR report](#)

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Bidirectional Data Exchange

- In 2020, IIS reported **over 121,000** HL7 data exchange connections
 - 2021 data forthcoming
- **~58%** of connections were bidirectional
 - ~46% in 2019



CDC IIS Annual Report Data: <https://www.cdc.gov/vaccines/programs/iis/annual-report-iisar/index.html>

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Success in Louisiana



- **4x** annual VFC workload in **22 weeks**
 - Enrolled **+2,444** COVID providers as of July 2021
 - New provider types—pharmacy, LTC, specialists
- **36.6%** increase in adults with 2 or more vaccines in LINKS (October 2020-July 2021)
- Emphasized importance of systems with bi-directional interface for real time data to inform decisions
- Offered enormous volume of vaccine directly impacting pandemic

Slide adapted from AIRA 2021 National Meeting



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Provider Retention

Factors supportive of provider retention following emergency response

- Ongoing use of the IIS must be integrated into the clinic workflow, and reporting must be easy, automatic, and sustainable.
- Reporting will continue if the provider sees the benefit of reporting and receives value from having access to consolidated records and IIS features.
- Providing feedback through metrics, coverage rates, and provider report cards to show that participation is having a positive impact.
- Improving data saturation and data quality for better patient matches and clinical decision support.

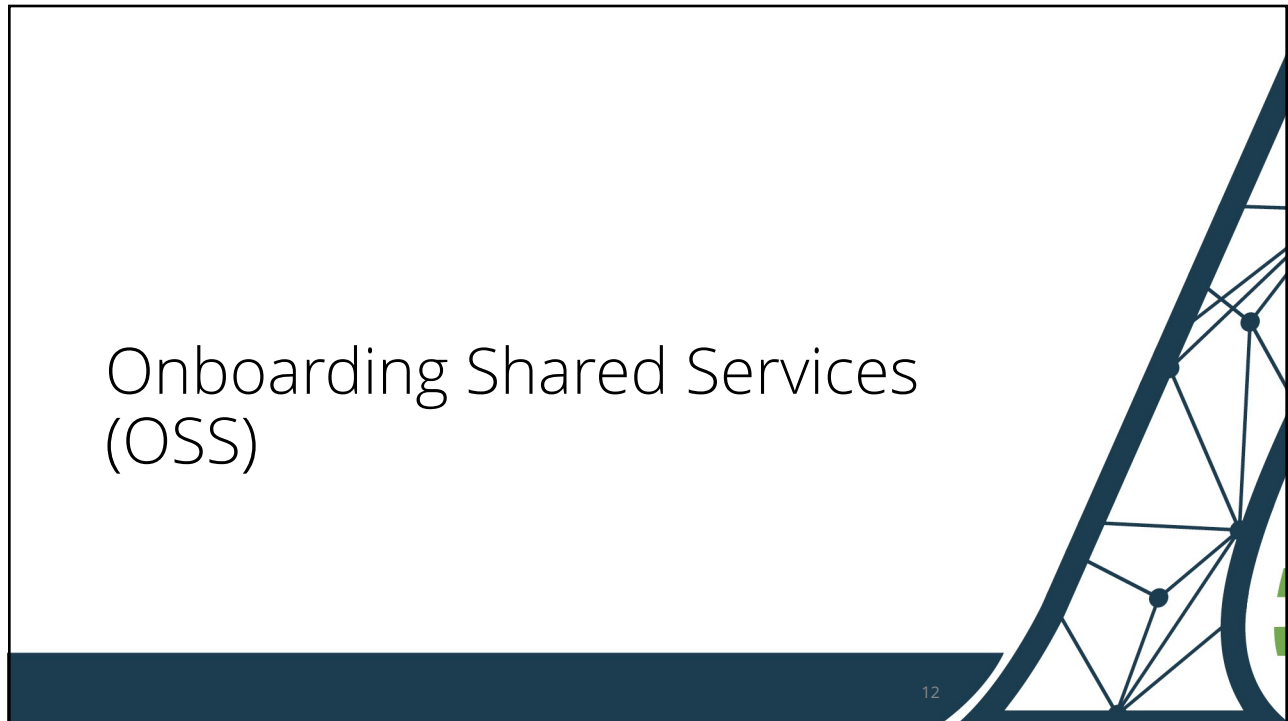
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Onboarding Shared Services (OSS)

- Dedicated support to IIS for provider onboarding provided by AIRA and funded by CDC
- Goals:
 - Reduce IIS backlogs of providers waiting to onboard
 - Enhance and accelerate jurisdictional ability to onboard
 - Increase standardization to improve
 - Timeliness of interfaces
 - Completeness and accuracy of data
- Utilizes and promotes the Onboarding Consensus-Based Recommendations



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Services provided

- Technical Assistance (direct onboarding assistance)
- Solutions for provider self-testing prior to onboarding
- Onboarding process and documentation development and consultation
- Onboarding and interoperability training



Piloting various services with 8 jurisdictions

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Immunization Integration Program (IIP)

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IIP Goals & Strategies

- **Goal: Improve interoperability between EHRs and IIS**
- **Strategies:**
 - **Testing & Recognition Initiative** – EHRs can demonstrate and be tested on immunization capabilities (alternative testing method for ONC (f)(1) certification)
 - **Collaborative** – diverse forum to develop and support adoption for interoperability solutions
- Evaluation and Communication



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2022 Collaborative Priorities

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Access Bulk Query Data from IIS

Large provider organizations and health payers would benefit from a standardized way to access large amounts of IIS data for their patients/members.

2

Data Validation, Reasons for IIS Rejections

Inconsistency in how data is entered such as dates entered in the future, birth date discrepancies, or missing fields can cause IIS to reject immunization messages.

3

Capture of Race & Ethnicity

The capture of race and ethnicity is uneven across the immunization information ecosystem.

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Regular Updates of Code Sets

When one data exchange partner has implemented new codes (e.g., NDCs for annual flu vaccine) and the other partner has not, it can impede data interoperability including preventing patients' vaccinations from being recorded properly.

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ONC Immunization Data Exchange Advancement and Sharing Project (IDEAS)

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ONC IDEAS Project

- Aims to build and expand partnerships between state, regional, or local health information exchanges (HIEs) and IIS to **promote and advance vaccine data sharing**
- ASTHO, AIM, AIRA, and partners will convene a learning community and provide financial and technical assistance (TA) to state teams
- Improved partnerships and data sharing can support improved vaccine reporting, identification and prioritization of vulnerable populations, adverse event monitoring, longitudinal study/review, and data analysis to inform decision-making



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AIRA National Meeting, April 26-27

- **Keynote: Dr. David Ross, CEO & President of the Task Force for Global Health**
- **Panel Presentation on Data Modernization**
- 5 plenaries
- 3 breakout sessions, 15 tracks, 50 presentations
- 2 special sessions
- And more!



www.airanationalmeeting.org

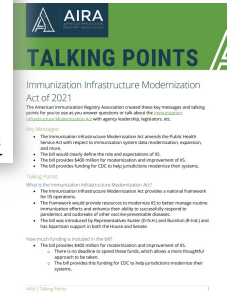
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Public Comment and Advocacy

- AIRA [comments](#) on Vaccines Federal Implementation Plan
- AIRA [comments](#) on NCQA HEDIS Adult Immunization Measure
- Technical review of [Medicaid and Chip Payment and Access Commission \(MACPAC\)](#) recommendations to improve vaccine access for adults in Medicaid
- AVAC participation
 - e.g. Immunization Infrastructure Modernization Act, [H.R. 550](#)


VACCINES

National Strategic Plan
for the United States | 2021-2025



AIRA Repository





Thank You

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