



Adult and Influenza Immunization Summit

Using Immunization Information Systems to Increase Adult Immunization Rates: **A Pilot Project**

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Thank You Project Team!

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Project Goals

This pilot project was designed to answer the following questions:

- 1. Of those states with an existing adult/lifespan IIS, why are these registries not optimally utilized and what are the barriers to complete utilization of existing adult/lifespan IIS?
- 2. What practice and/or policy changes will help promote the optimal use of registries for increasing participation in lifespan registries?

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3. What new research is needed to better answer these questions?







Seven States Authorize Lifespan IIS; Only 2 Have Mandates for All Providers

Authority

7 of the 9 states interviewed have laws explicitly authorizing use of IIS across the lifespan, including adults.

- One state derives authority from general public health statute.
- One state does not authorize use of IIS for adults.

Mandate

2 of the **9** states have laws mandating that adult immunization be entered into the IIS by all providers.

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• Four states have limited mandates for certain providers.

Consent

- 6 of the 9 states provide for implicit consent with opt-out.
 - One state is mandatory with no right to opt-out.
 - One state requires explicit consent, written or verbal.
 - One state does not have an adult IIS.

VFC = Vaccines for Children Program





State 1	State 2	State 3	State 4	State 5	State 6	Total States
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~				_		5
	•	~			~ ***	4
✓	✓					2
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Dedicated Funding and Staff for Adult Immunizations and IIS Is Limited

Dedicated IIS Staff for Adult Immunization

- Only one state reported having an assigned adult immunization coordinator on the IIS team.
- One state estimated that 10% of IIS staff time is spent on adult immunizations.

Dedicated IIS Funding for Adult Immunization

 Only one state reported having dedicated financial resources to support adult immunization in the IIS, and still it was only a "small portion" of a larger health department contract.

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IIS Users	ouiei
Challenge	# States
Lack of provider staff time and resources	5
Costs associated with use and modification of EHR systems	4
Manual entry (w/o EHR); paperwork back-up	3
Interfacing problems between provider EHR and IIS; lack of funding to create and maintain interface	3
Identifying adult providers	2
Lack of mandate for adult IIS use	2
Public/provider association of immunization with children, not adults	2
Adult IZ system more fragmented than pediatric	1
Duplicate client entries (e.g., name change)	1
Electronic Health Records	









State Meaningful Use Onboarding Time Varies

MU Bottlenecks Cited	Provider Issues: Transition from MU Stage 1 to 2 more difficult; some providers decided not to pursue Stage 2.
	Staffing & Funding : Most states relied on department-wide MU team and external IT departments, only one state had a dedicated full-time staffer for MU.
	EHR Vendor Delays : Providers also experience delays with vendors, which may have their own queues.
	Extenuating Circumstances : One state was undergoing an IT reorganization.









Lessons Learned (2 of 2)

- State Mandates Drive IIS Use. Reporting mandates are a strong incentive for use 2 states reported new laws that would phase in use of IIS across the lifespan.
- Other Rules Can Increase IIS Use. One state's Medicaid rules drive IIS reporting among Medicaid providers and has made a big difference in reporting rates.
- **Meaningful Use Holds Promise**. The MU program may increase IIS use for adult immunizations, but still too early to see full impact.

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Proposals for Additional Evaluation (1 of 2)

- 50-state survey (plus D.C., territories, and high-pop. cities with IIS), possibly with follow-up interviews using similar structure to interview guide used for this project.
- Survey providers, with more specific questions about IIS use for adults.
- Focus on EHR/MU implementation and barriers, as this is biggest knowledge gap we identified.
 - Follow-up with providers who completed MU Stage 1 but not pursuing Stage 2; assess factors influencing decisions not to proceed.

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