



The Immunization (IZ) Gateway Updates

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IZ Gateway Use Cases



Data Exchange between
Multijurisdictional Vaccine
Provider Organizations and
IISs



Data Exchange between IISs



Data Exchange between IIS
and Consumer Applications
Offering Patients Access to
their Immunization Record

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Use Case 1: Exchange Data between IIS and Multijurisdictional Vaccine Provider Organizations

Benefits

- Data exchange **supports submission of data to IIS**
- **Enhances completeness of IIS data**
- Enables a connection between IISs and vaccine provider organizations that improves provider access to data
- Allows providers to **query patient immunization records to inform clinical decisions**

Current Status

- **95% of IIS** are functionally and technically ready for provider-to-IIS data exchange
- 3 organizations with **68 facilities in 8 jurisdictions** are exchanging data with IISs

Next Steps

- Onboarding and initiating **data exchange between VA EHRs and IISs**
- Continue planning conversations with **DOD and BOP** about onboarding activities

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Use Case 2: Exchange Data Between IIS

Benefits

- IIS-to-IIS data exchange allows IIS to **submit and query for immunization data with another IIS**
- IIS-to-IIS Data Exchange **improves IIS data completeness**
- Within IIS and at point of care, providers can **access complete and accurate patient immunization history**

Current Status

- **47% of IIS** are functionally and technically ready for IIS-to-IIS data exchange
- **21 jurisdictions** are actively engaged in interjurisdictional data exchange

Next Steps

- Facilitating technical and functional readiness for IIS
- Preparing USVI, NJ, NYC, and RI for data exchange by September 2022

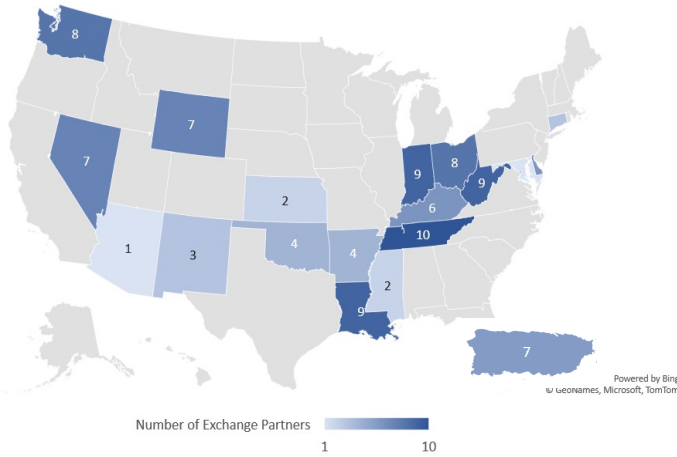
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Jurisdictions Live Performing IIS to IIS Data Exchange

119 total IIS-to-IIS connections in 21 jurisdictions

- 118 active bi-directional connections
- 1 uni-directional connection in Production (TN-->AZ)
- USVI, NJ, NYC, and RI are the new jurisdictions connecting by Fall 2022 bringing total to 25



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Use Case 3: Data Exchange between IIS and Consumer Applications

Benefits

- IIS-to-Consumer App or Patient Portal provides patients with **direct access to their immunization records**
- Patients have access to **complete and accurate immunization record** for proof of vaccination and vaccination schedule adherence
- Jurisdictions respond to **fewer record requests** via phone call and email

Current Status

- NJ, UT, and MN provide residents access to immunization records by using the Docket consumer application via the IZ Gateway

Next Steps

- AK and ID will go live for data exchange with Docket in spring 2022

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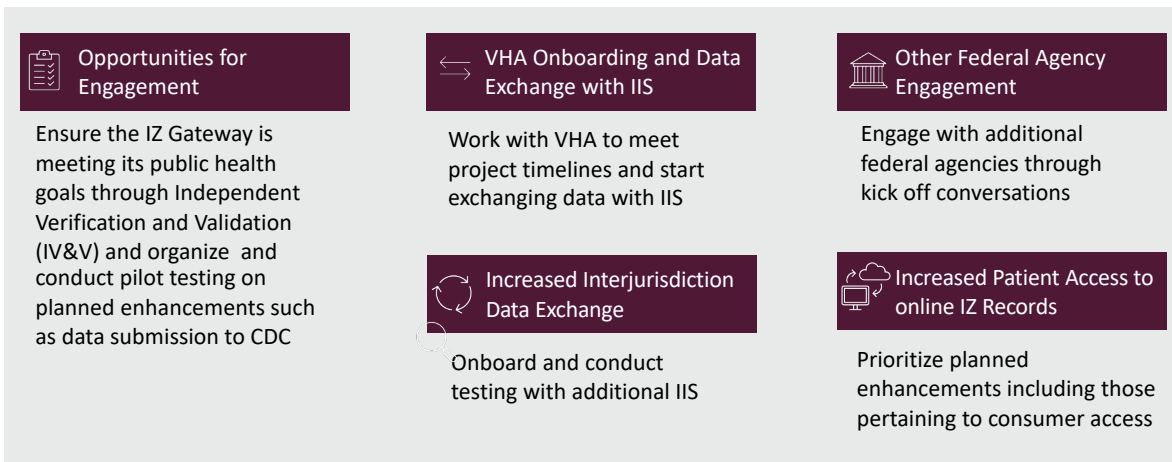
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Challenges and Opportunities

	Technical	Policy
Challenges	<ul style="list-style-type: none"> • Variation in jurisdiction data exchange message format and content • Providers must make multiple IIS connections for consolidated records for patients who have been vaccinated in more than one jurisdiction • Manual data submission processes to CDC 	<ul style="list-style-type: none"> • Multiple point-to-point agreements required for immunization data exchange • Jurisdictions have varying policies around consent and patient data exchange
Opportunities	<ul style="list-style-type: none"> • IZ Gateway significantly expands IIS access to federal agency data • Enhancements planned to address challenges identified and highlighted by immunization community including: <ul style="list-style-type: none"> • Self-Service Configuration Portal automating IZ Gateway onboarding • Multi-Jurisdictional Query allowing providers to initiate a specified query and receive a consolidated record • Data Submission to CDC via connection to IZ Data Lake 	<ul style="list-style-type: none"> • IZ Gateway is establishing common legal frameworks with centralized legal agreements for immunization data exchange amongst various exchange partners <ul style="list-style-type: none"> • Provider-Jurisdiction Agreement has been signed by 21 jurisdiction and VHA since January 2022 • Legal assistance provided by IZ Gateway team when needed

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Priorities for the IZ Gateway



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