The Immunization (IZ) Gateway Updates

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IZ Gateway Use Cases

1. Data Exchange between Multijurisdictional Vaccine Provider Organizations and IISs

2. Data Exchange between IISs

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

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
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

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
### Challenges and Opportunities

<table>
<thead>
<tr>
<th>Technical</th>
<th>Policy</th>
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<tbody>
<tr>
<td><strong>Challenges</strong></td>
<td><strong>Opportunities</strong></td>
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<tr>
<td>- Variation in jurisdiction data exchange message format and content</td>
<td>- IZ Gateway significantly expands IIS access to federal agency data</td>
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<td>- Providers must make multiple IIS connections for consolidated records for patients who have been vaccinated in more than one jurisdiction</td>
<td>- Enhancements planned to address challenges identified and highlighted by immunization community including:</td>
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<tr>
<td></td>
<td>- Provider-Jurisdiction Agreement has been signed by 21 jurisdiction and VHA since January 2022</td>
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<td>- Legal assistance provided by IZ Gateway team when needed</td>
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### Priorities for the IZ Gateway

**Opportunities for Engagement**

- Ensure the IZ Gateway is meeting its public health goals through Independent Verification and Validation (IV&V) and organize and conduct pilot testing on planned enhancements such as data submission to CDC

- Work with VHA to meet project timelines and start exchanging data with IIS

- Onboard and conduct testing with additional IIS

**Other Federal Agency Engagement**

- Engage with additional federal agencies through kick off conversations

- Prioritize planned enhancements including those pertaining to consumer access

*Highly Sensitive/Any User (No encryption)*