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Health and Human
Services

**Texas Department of State
Health Services**

Bidirectional Pre- requisites/Readiness

Texas Immunization Registry

Interoperability Team : 1-800-348-9158 Option 3

ImmTracMU@dshs.Texas.gov

Introductions

- Suzanne Murphy – Technical Support Specialist
- Angela Herrera– Interoperability Coordinator
- Jonathan Patterson – Interface Analyst

Overview

- The Bidirectional Readiness Checklist
- Requirements for all organizations
- Requirements for Existing Data Exchange Participants
- Testing Preparations/Qualifications

Terminology

Terminology we will use in this presentation:

- BiDX = Bidirectional data exchange
- Registry = Texas Immunization Registry
- Orgs = Providers, healthcare entities, organizations
- EHR = Electronic Health Records systems

The Bidirectional Readiness Checklist



Contents of the Bidirectional Readiness Checklist

- The Bidirectional Readiness Checklist:
 - Contains a list of requirements to participate in BiDX
 - Can be found on Forms & Documents Webpage
 - Must be reviewed before contacting the registry
 - Requirements met prior to Registration of Intent (ROI)
 - The Bidirectional Readiness Checklist ensures that your organization is in a good position to begin BiDX



Requirements for all organizations (1 of 3)

- Org's EHR must be able to meet each of the below requirements:
 - Have bidirectional messaging capabilities
 - Send messages using HL7 version 2.5.1 Release 1.5
 - HL7 is an electronic health records messaging standard
 - Be up-to-date with all relevant system upgrades
 - Testing cannot stop for a system upgrade. Removal from testing.
- Orgs must speak with EHR vendor for information



Requirements for all organizations (2 of 3)

- Orgs must be capable of sending electronic registry affirmation
 - Have a process for collecting affirmation and documenting in EHR or other software
 - Send affirmation electronically using one of the available methods
- More details in future presentation



Requirements for all organizations (3 of 3)

- All sites must be registered with ImmTrac2
- All sites must have up-to-date site agreements
- Parent-child relationships must be correct



Requirements for Existing Data Exchange Participants

- Your current messages should contain no significant errors
 - Must have good data quality
 - No recurring formatting errors
- Review your Data Quality Assurance (DQA) reports
- Data quality issues will be a barrier to BiDX participation



Additional Preparation



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Additional Preparation (1 of 2)

- BiDX testing is time-limited
- All necessary resources should be planned for in advance
- Designate a Subject Matter Expert (SME) to oversee testing
- Testing participants have been identified
 - Able to devote one week to testing
- EHR vendor has technical resources ready and available



Additional Preparation (2 of 2)

- Workflows have been analyzed and future state planned
- Monitoring and error management plan prepared
- Organization wide training plans prepared



Resources

Identify tools available to assist you.



Registry Websites

- ImmTrac2 Website

- <https://immtrac.dshs.texas.gov/TXPRD/portalHeader.do>

- DSHS Website

- <https://dshs.texas.gov/immunize/ImmTrac/>

Guides, Training Videos & Webinars

- How to complete a site registration or renewal in ImmTrac2
- Run or retrieve reports in ImmTrac2
- Add and manage clients and immunizations in ImmTrac2
- Identify or addressing Org or ImmTrac2 user data quality issues
- Identify or addressing HL7 data quality issues
- *More resources coming soon...*

Publications

- Registry Consent Forms
- Registry Posters and Brochures
- Vaccine related publications
- Many items can be ordered and delivered from DSHS at no cost to the Org.

Registry Customer Support

- Phone:
 - 800-348-9158
 - Currently not available due to staff teleworking.
- Emails:
 - ImmTrac2@dshs.texas.gov (Registration/Renewal/ImmTrac2 Access)
 - ImmTracMU@dshs.texas.gov (Data exchange)

Thank you!

Texas Immunization Registry

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Q & A

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Access, site registrations or renewals, etc.

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Data exchange and promoting interoperability