



Texas Department of State
Health Services

ImmTrac2 Data Exchange & Interoperability

Texas Immunization Conference – 2017
Presenter: Wendy Washington

Overview



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- About Data Exchange
- Data Sources
- By the Numbers
- Interoperability: Definition & Benefits
- Meaningful Use
- Barriers & Opportunities
- On the Horizon

ImmTrac2 Data Exchange

About Data Exchange

- First electronic data exchanged with ImmTrac in 1997
- Evolution from “flat file” submissions to HL7-formatted immunization data
- Focus on increased data capture and quality through interoperability



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ImmTrac2 Data Exchange

Data Sources

- Public Health Entities
- Major Insurance Plans
- Medical Providers
- Pharmacies



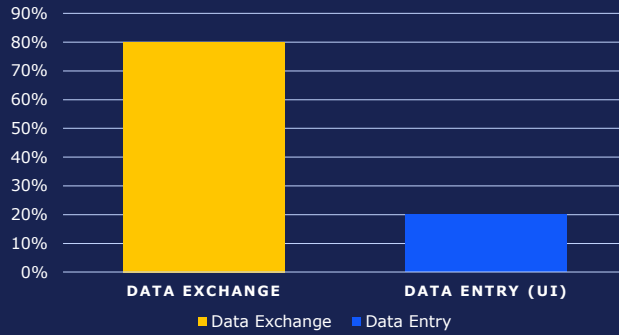
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ImmTrac2 Data Exchange: By the Numbers



ImmTrac2 Data Collection by Source



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Data Exchange: Post ImmTrac2 Launch



18.6M
Client
Records
Processed



115M
Immunization
Records
Processed

(Data Range: April - September 2017)

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Data Exchange: Electronic Data Submitters



4,297
Medical
Practices



868
Hospitals

Source: Texas Immunization Registry CY2017 MU2 Q3 CDC Meaningful Use Survey Results

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ImmTrac2 Data Exchange

What is Interoperability?

Interoperability is the exchange and interpretation of electronic health data across disparate computer & software systems.



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ImmTrac2 Data Exchange

Benefits of Interoperability

- Increased security of patient health information
- Range of vital data resources
- Improved operational efficiency
- Uniformed message formatting standards (HL7)



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ImmTrac2 Data Exchange

Meaningful Use

- Guided by the Centers for Medicare and Medicaid Services
- DSHS supported public health measures
- Modified Stage 2 & Stage 3
- Bi-directional engagement



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ImmTrac2 Data Exchange

Barriers

- Data Quality
- Provider/vendor engagement
- Improved reporting
- Non-consented clients



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ImmTrac2 Data Exchange

On The Horizon

- Increased quality assurance efforts
- Increased vendor & provider engagement
- Improved technology



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Thank you

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