What is an HIE

- **HIE Type**
  - National
  - State
  - Region
  - Community

- **HIE Goal**
  - Share health information
  - Better patient outcomes
  - Lower costs
How do HIEs support Patient Care

- Community Data Manager
- Connecting health care systems
- Comprehensive patient records
- Real-time access
How do HIEs operate in Texas?

- Greater Houston HEALTHCONNECT (GHH)
- Healthcare Access San Antonio (HASA)
- Integrated Care Collaboration (ICC)
- PHIX (formerly known as Paso del Norte HIE)
- Rio Grande Valley HIE (RGV HIE)
One Big Problem: Unreliable and inefficient health information sharing

- Lack of medication management
- Repeated lab and imaging studies
- Preventable medical errors
- Poor care coordination
PHIX Network centralizes patient records

EHR = electronic health record
Hospitals and providers are on track to contribute data

<table>
<thead>
<tr>
<th>Organization</th>
<th>Status</th>
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<tr>
<td>The Hospitals of Providence</td>
<td>Live as of March 2016</td>
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<td>Veteran’s Administration</td>
<td>Live as of October 2017</td>
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<td>(National connection – includes El Paso VA)</td>
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<td>UMC of El Paso</td>
<td>Live as of November 2017</td>
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<td>El Paso Children’s Hospital</td>
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<td>Department of Defense (National connection –</td>
<td>Live as of August 2018</td>
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<td>includes William Beaumont)</td>
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<td>Emergence Health Network</td>
<td>Anticipate live 2018</td>
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<td>Texas Tech Health Sciences Center Clinics</td>
<td>Anticipate live 2018</td>
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<td>Project Vida</td>
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<td>Centro San Vicente</td>
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<td>La Fe</td>
<td>Anticipate live 2018</td>
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<td>Department of Public Health</td>
<td>Pending EHR upgrade</td>
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View clinical record across care sites in the community
Download or print VA or DoD care summaries
The right information at the right time matters

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<th>Improved efficiency</th>
<th>Improved quality</th>
<th>Improved safety</th>
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<td>Example: Physician queried the HIE before doing a stroke assessment for their patient. They found results from a stroke assessment performed the previous week at a hospital. As a result, the patient avoided several imaging and lab tests.</td>
<td>Example: An elderly woman arrived at an El Paso hospital in cardiac arrest who could not speak to her care history. The physician searched the HIE and found information on her cardiac conditions and medications from other health organizations. Based on this additional information, the physician was able to provide more effective care.</td>
<td>Example: Hospitalist planned to perform a cardiac catheterization for their patient. Prior to the procedure, they queried the HIE and found that a cardiac catheterization had been performed at another hospital. As a result, the patient avoided an unnecessary procedure.</td>
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Patients do not have to participate

Patients can **opt out** to prevent data from being shared.
Privacy and security are priorities

- Federal and state laws protect patient data
- HIE policies/procedures detail data protections, access, and use
- Third-party risk assessments monitor compliance
Reach out to PHIX with any questions

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