VHIE Connectivity
Criteria

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VHIE Connectivity Criteria Overview

• Required under 18 V.S.A. § 9352(i)(2)
• Establishes the conditions for health care organizations to connect to the Vermont Health Information Exchange (VHIE)
• Annually reviewed and approved by the GMCB
• Currently outdated (established in 2014)
• Act 187 requires standards and protocols for electronic connectivity to health care data be incorporated into the State HIE Plan
# Evolution of the Criteria

<table>
<thead>
<tr>
<th>Existing Criteria</th>
<th>Revised Criteria</th>
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<tbody>
<tr>
<td>Created by VITL in 2014</td>
<td>DVHA connectivity team and VHIE customer and stakeholders engaged in 2018</td>
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<tr>
<td>VHIE focused. Measures technical capability of organization to connect and their use of VHIE products and services</td>
<td>Customer and stakeholder focused. Measures technical capability, quality of data contributed to meet health reform program requirements</td>
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<tr>
<td>3 categories, 4 stages within each</td>
<td>3 Tiers encouraging incremental approach to interoperability.</td>
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| Customers and stakeholders do not understand benefits and outcomes in achieving the criteria. | Easy to understand:  
  - Customers and Stakeholder roles and responsibilities  
  - Objectives in meeting the criteria  
  - How data will be accessed and used  
  - Outcomes and benefits in meeting the criteria. |
Connectivity Criteria Drive Advancement

Criteria measure progress of each organization and the maturity of the overall network.

- **Tier 1**: Baseline connectivity standards met
- **Tier 2**: Common data set and data quality standards met
- **Tier 3**: Expanded data set and data quality standards met
## Connectivity Criteria

Uses expand as hospitals and practices advance through the stages

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<tr>
<th>Criteria</th>
<th>Objective</th>
<th>Value</th>
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| Tier 1: Baseline connectivity | - Data supports patient matching  
- Data is structured for storage and transmission | - Implement planned interfaces  
- Patient matching  
- Data use at the point of care and by stakeholders | - Clinicians can view basic data  
- Clinicians can receive electronic results  
- Patients are properly matched |
| Tier 2: Common data set and data quality standards met | - Expanded data sets for use by specific stakeholder(s)  
- Data is standardized | - Variety of quality data aggregated for specific use by stakeholders  
- Data can be analyzed across organizations | - Performance measurement and population health management applications are optimized  
- Expanded data uses possible for advanced end-user services |
| Tier 3: Expanded data set and data quality standards met | - One common data set for use by VHIE and all stakeholder(s)  
- Data is standardized | - Uniform, quality patient data aggregated  
- Data utility beyond point of care | - Stakeholders can measure quality and manage populations (inform quality measures)  
- Expanded data uses possible (example: Care Management) |
Focus is on Data Quality

- Interface development has previously focused on capability to connect or Tier 1
- CY19 and beyond will focus on Tier 2 with an eye toward Tier 3
  - Tier 2 consists of one common data set for use across the state by all stakeholders
  - Tier 3 consists of stakeholder specific data sets
- CY19 contracts + Connectivity Criteria will drive data quality:
  - Site Assessment and Gap Analysis
  - Development of a Data Quality Work Plan
  - Implement interfaces (Tier 1)
  - Implement Data Quality Work plan (Tier 2)
  - Tier 3 data quality work will be driven by specific data needs that vary across stakeholder programs
Connectivity Criteria

- Connectivity criteria help to ensure core mission can be met
  - Helps to ensure all data needed to *match patients* across organizations is present
  - Helps to ensure a *comprehensive set of data* is collected
  - Helps to drive *data quality* by defining requirements data must meet
- Criteria can be used to hold EHR vendors accountable

Supports the core mission of the VHIE
Connectivity Criteria

- Sets a path for organizations to connect and contribute data
  - Longitudinal health record for all
  - Improve operations at the practice
  - Population health management in the learning health system
- Assists customers and stakeholders in selecting or maximizing technology investments
- Assists in setting priorities

Supports the State HIE Plan
Questions?