

HIE Steering Committee

July 24, 2019



Agenda

Topic	Schedule
Welcome	10:30 – 10:35
Overview of National Interoperability Trends – Lantana	10:35 – 11:35
Consent Implementation Feedback & Review	11:40 – 11:55
Review Non-Technical Roadmap HIE Plan Updates	11:55 – 12:10
Review of Tactical Plan Progress & Necessary Updates for HIE plan	12:10 – 12:25
Wrap-Up	12:25 – 12:30

Consent Policy Implementation Update

S31 opt-out consent policy took effect on passage; now Act 53



Steering Committee Role



Project workstreams

- Stakeholder engagement
- Mechanisms for opt-out and consent management
- Evaluation



Stakeholder Engagement

Consent Implementation Plan – Update to Legislature and GMCB August 1, 2019

Discussion / Questions

Stakeholder Engagement Status

- Advocates and Key Informants

- Disabilities Council
- Vermont Legal Aid
- ACLU
- Vermont Refugee Community
- Pride Center
- Planned Parenthood of Northern New England
- People with AIDS
- Bi-State Primary Care Association
- Cultural Brokers

June 4, 2019



June 17, 2019



June 12, 2019



July 2, 2019



July 1, 2019



July 2, 2019



July 10, 2019



July 12, 2019



July 15, 2019



Consent Update to Legislature and GMCB

- Act 53 requires updates August 1 and November 1, and a final report January 15, 2020
 - Draft August 1 update has been submitted for review; also distributed to Steering Committee
- Outline of update
 - Executive Summary
 - Meaningful Consent an expanded goal from informed consent
 - Consent implementation governance and project organization
 - Project work streams: Stakeholder engagement, mechanisms, evaluation
 - Health Information Technology Plan considerations
 - Act 53 mandates (table)
 - Report main body – sections
 - Meaningful consent (aligned with HIPAA and 42 CFR Part 2)
 - Stakeholder engagement workstream
 - Mechanisms and consent management workstream
 - Evaluation workstream
 - Health IT Plan alignment
 - Summary
 - DVHA Act 53 Workplan Tables: Goals, objectives and activities with accountable parties, dates, and current status

Summary

- The Opt-Out consent policy is in effect
- Meaningful Consent is the goal
- The HIE Steering Committee has a defined role, as part of the Steering Committee role in HIT planning
- Milestones are determined by Act 53 requirements for status updates and implementation start date
- Critical workstreams include stakeholder engagement, development of mechanisms to support Opt-Out, and an evaluation methodology
- First update to Legislature and GMCB is due August 1, 2019 – Draft under review

Provider Survey Update

- Survey was finalized the week of July 8-12 and distributed Friday afternoon and Saturday morning.
- 3,673 emailed invitations to take the survey were distributed
 - 722 were flagged as undeliverable for a variety of reasons, mostly because the domain name or the recipient name within the domain was not found; others were flagged as spam and not delivered.
 - Some questions have been received but no one has reported any issues with the survey mechanism so far
- Two(?) cycles of reminders will be sent out – Help!
- The Survey will close on August 19

Non-technical Roadmap HIE Plan Updates

- Setting the stage
 - 2018-2019 HIE Strategic Plan provides the template for the 2019-2020 update
 - A significant addition will be the HIE Roadmap required with this update by Act 187
 - This is the Lantana led project currently underway
 - Act 53 requires the HIE Strategic Plan to include the opt out consent policy implementation plan, and to be submitted to GMCB on or before 11/1/2019
 - The State Medicaid HIT Plan must also be updated in the same timeframe
 - Includes an environmental scan supplemented by the provider survey
 - Provider survey also informs the HIT Roadmap development
 - The Roadmap informs the As-Is landscape of the SMHP
 - The HIE Strategic Plan, with the Roadmap incorporated, informs the To-Be section of the SMHP

Decomposing the HIE Strategic Plan –

Timeline History Update – Recent Entries and 2019 Discussion

- Timeline history update – recent entries:
- **2017:**
 - DVHA shifts its procurement strategy with VITL from grants to deliverable based contracts.
 - Act 73 requires a review of Vermont’s HIT Fund, the Health Information Technology Plan, the VHIE and VITL. HealthTech Solutions conducts the evaluation and present key findings and recommendations to the legislature in 2018. The [report](#) is published on November 15, 2017.
 - DVHA establishes the HIE Steering Committee to development a statewide strategic plan and permanent governance model in accordance with the Act 73 report
- **2018:**
 - CMS changes the name of the Medicaid EHR Incentive Program to the Promoting Interoperability Program. The MACRA/MIPs Quality Payment Program (QPP) is also rebranded under the Promoting Interoperability Program umbrella.
 - The VHIE commits to increasing usable records to 35% (from less than 20% in 2017), reducing duplicate records by 40% and addressing data quality issues.
 - Act 187 tasks the State and VITL with operationalizing the recommendations from the Act 73 Evaluation Report. The Act also authorizes the HIE Steering Committee to develop the statewide Health Information Technology Plan; requires DVHA and other stakeholders to produce a report on the State’s consent policy; and changes GMCB’s authority related to VITL (removing the Board’s annual review of VITL’s core activities) and the Health Information Technology Plan (requiring the Board to approve, reject, or request modifications within 45 days, after which the Plan will be deemed approved if the Board has taken no action).
 - The HIE Steering Committee delivers a strategic plan (the HIE Plan) to the GMCB on November 1, 2018.
- **2019: Steering Committee discussion: Identify significant entries for this past year**

Decomposing the HIE Strategic Plan – HIE Ecosystem

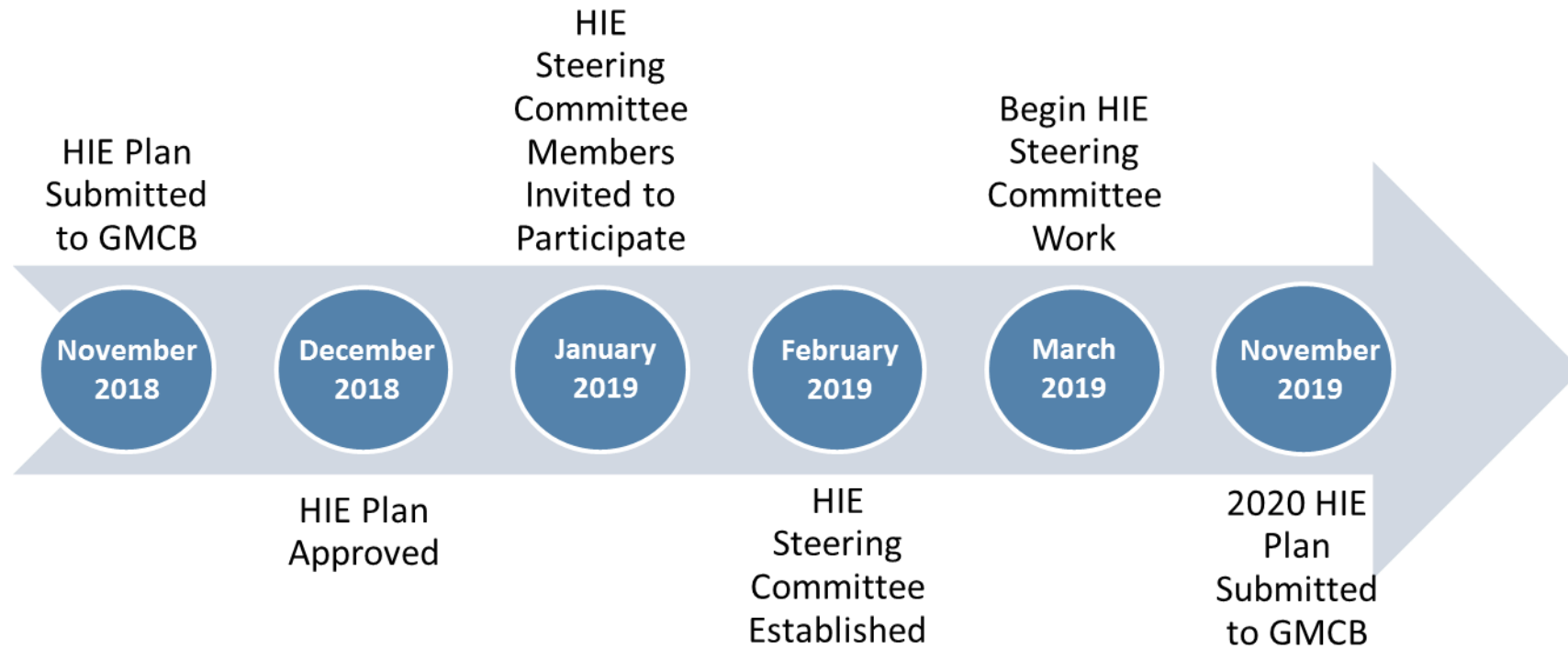
- The 2019 Steering Committee
- Policy and Process
 - Act 187 required consent recommendation → Act 53
- Financing
 - HIT Fund spending and impact
 - Sustainability and financing maturity model – will the Roadmap inform this?
- Technology
 - To be expanded this update by HIT Roadmap
 - Potential topics: architecture, consent management, identity management, exchange considerations (data extraction; data aggregation; data quality; interoperability; access to health information)
- **Steering Committee Discussion: comments on Policy and Financing?**

Decomposing the HIE Strategic Plan –

Remaining Topics

- Governing HIE in Vermont
 - Steering Committee roles and responsibilities; sustainability
 - Steering Committee timeline for 2019
- HIE Objectives and 2019-2020 Tactical Plan
 - Next topic to be discussed today
- HIE Sustainability (post Roadmap)
- Future HIE Planning (post Roadmap)
- Appendices
 - Updated Steering Committee Charter
 - Connectivity Criteria
 - Stakeholder Engagement
- **Steering Committee Discussion: Comments on Steering Committee 2019 timeline? (see next slide)**







Steering Committee Timeline 2018-2019



Steering Committee: What is on the Timeline for 2019-2020?







Tactical Plan Progress and Necessary Updates

HIE Steering Committee

Accountable Party	Area of Focus	Activity	
HIE Steering Committee	HIE Governance	<input type="checkbox"/> Establish an HIE Steering Committee	
		<input type="checkbox"/> Annually, engage stakeholders in the development of a Strategic Plan for the GMCB's review/approval by November 1	
		<input type="checkbox"/> Develop an HIE technical road map and sustainability model to be included in the HIE Plan and built upon every year thereafter	
		<input type="checkbox"/> Create an evaluation method for overseeing and measuring progress in implementation of HIE strategic plans and the effectiveness of the HIE Governance Model	
		<input type="checkbox"/> Evaluate statewide data governance efforts and design a data governance model appropriate for the State's HIE Steering Committee	
		<input type="checkbox"/> Work with stakeholders to assess potential changes in the State's Consent policy and support the production of a Consent Report per Act 187 of 2018	
HIE Steering Committee	Financing	<input type="checkbox"/> Review available funding sources, inventory needs and develop a sustainability model	

Tactical Plan Progress and Necessary Updates

Vermont Legislature and GMCB

Accountable Party	Area of Focus	Activity
VT Legislature and GMCB	HIE State Policy: Consent and Connectivity	<ul style="list-style-type: none"> <input type="checkbox"/> Legislature: Pass Act 187 of 2018 to continue momentum in HIE activities and enhance oversight and accountability  <input type="checkbox"/> Legislature: Consider the Consent Report and potential adjustments to current statute and/or policies, if deemed necessary  <input type="checkbox"/> GMCB: Review VITL's budget and updated Connectivity Criteria and consider ways to enforce consent management and adherence to Connectivity Criteria through existing regulatory framework  <input type="checkbox"/> GMCB: Review and approve the annual HIE Strategic Plan 
GMCB	Data Extraction & Aggregation	<ul style="list-style-type: none"> <input type="checkbox"/> Enhance VHCURES by upgrading to current standards, anticipating state data needs, and resolving analytical challenges present in the system VHCURES contract expected to be signed soon 
VT Legislature	Financing	<ul style="list-style-type: none"> <input type="checkbox"/> Extend HIT-Fund and approve the DVHA HIE program budget 

Tactical Plan Progress and Necessary Updates

Blueprint for Health

Accountable Party	Area of Focus	Activity
Blueprint for Health – Clinical Registry	Identity Management	<ul style="list-style-type: none"> <input type="checkbox"/> Enhance the Vermont Clinical Registry’s record matching capabilities to support the Women’s Health Initiative, Hub & Spoke program, and Blueprint Practices
Blueprint for Health	Data Extraction & Aggregation	<ul style="list-style-type: none"> <input type="checkbox"/> Develop the Clinical Registry to manage sensitive SUD data aggregation and exchange in support of the Hub/Spoke program <input type="checkbox"/> Explore data aggregation opportunities for statewide screening and referral programs
Blueprint for Health	Data Quality	<ul style="list-style-type: none"> <input type="checkbox"/> Continue to manage the Blueprint Sprint process to support data quality remediation at the source (health care organization) <input type="checkbox"/> Partner with OneCare Vermont and Bi-State Primary Care Association to develop a statewide data quality remediation model
Blueprint for Health	Analytics	<ul style="list-style-type: none"> <input type="checkbox"/> Enhance the Clinical Registry to support data analytics needs related to Hub/Spoke, the Women’s Health Initiative and other statewide initiatives <input type="checkbox"/> Perform health program analysis based on claims data united with clinical data aggregated in the Clinical Registry

Tactical Plan Progress and Necessary Updates

One Care Vermont; Bi-State Primary Care Association; Dept. of Health

Accountable Party	Area of Focus	Activity
One Care Vermont	Care Coordination & Analytics	<ul style="list-style-type: none"> <input type="checkbox"/> Leverage federal and state support to develop care coordination and analytics tools that support direct care, measurement and system improvement <input type="checkbox"/> Utilize the data feed from the VHIE to support analysis of All Payer Model implementation
Bi-State Primary Care Association	Analytics	<ul style="list-style-type: none"> <input type="checkbox"/> Aggregate clinical and claims data in data visualization tool (Qlick Sense) and use to support a Model for Improvement effort with Federally Qualified Health Centers statewide <input type="checkbox"/> Train stakeholders how to leverage analyzed health data for practice improvement
Dept. of Health	Analytics	<ul style="list-style-type: none"> <input type="checkbox"/> Procure a forecaster tool for the Immunization Registry to improve clinicians' ability to obtain real time and forecasted immunization data and support public health reporting.
Dept. of Health	Consumer Tools	<ul style="list-style-type: none"> <input type="checkbox"/> Maintain the public health reporting portals available to VT providers

Tactical Plan Progress and Necessary Updates



Vermont Care Partners; Agency of Digital Services

Accountable Party	Area of Focus	Activity	
Vermont Care Partners	Data Extraction & Aggregation	<input type="checkbox"/> Collaborate with Designated Agencies in the procurement of EHR systems that support value-based payment and data sharing for mental health, SUD, and developmental disabilities. Data is to be aggregated in the Vermont Care Network data repository.	
Agency of Digital Services (ADS)	Other	<input type="checkbox"/> Complete the information, technical, and business dimensions of the State's Architectural Assessment of the VHIE to support effective VHIE operational planning and the HIE Steering Committee's understanding of the VHIE	
ADS	Interoperability	<input type="checkbox"/> Provide an HIE enterprise architecture recommendation to the HIE Steering Committee to support development of a technical roadmap.	

Architecture Domains to be Assessed	Date Scheduled	Date Completed
Security	August, 2017	September, 2017
Business	Started 14 May 2019	1 st Draft 31 July 2019
	End data collection 15 July 2019	Final Draft 19 August 2019
Applications	November, 2019	
Information	August, 2017	August, 2018
Technology	January, 2019	March, 2019
Governance	TBD	

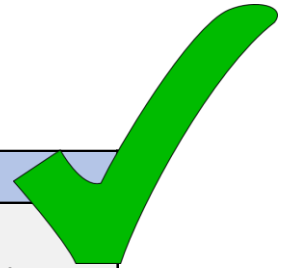
Tactical Plan Progress and Necessary Updates

DVHA

Accountable Party	Area of Focus	Activity	
DVHA	HIE Federal Policy	<input type="checkbox"/> Monitor changes to federal policy (e.g., H.R.6082- Overdose Prevention and Patient Safety Act; 21 st Century Cures - TEFCA) and communicate impacts to the HIE Steering Committee to support informed planning	
DVHA	Financing	<input type="checkbox"/> Obtain federal HIE development funds <input type="checkbox"/> Manage the State HIE budget (including the HIT Fund) in alignment with goals and initiatives outlined by the HIE Steering Committee and in accordance with State and federal law <input type="checkbox"/> Contract for services in service of the strategic direction set forth by the HIE Steering Committee	
DVHA	Security	<input type="checkbox"/> Work with the Agency of Digital Services to ensure that all HIE contracts include industry-driven security measures and real oversight protocols	

Tactical Plan Progress and Necessary Updates

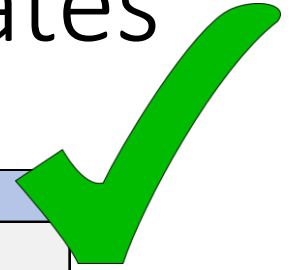
VITL 1 of 4



Accountable Party	Area of Focus	Activity
VHIE (VITL)	HIE State Policy: Consent and Connectivity	<ul style="list-style-type: none"><input type="checkbox"/> Work with stakeholders to identify priority data sets to further develop the tiered Connectivity Criteria to drive improved data quality and patient matching in the VHIE; provide the Connectivity Criteria to the GMCB for approval annually (in 2018 Connectivity Criteria is included in the HIE Plan)<input type="checkbox"/> Review policy allowing payers access to health data for administrative and operational uses<input type="checkbox"/> Evaluate the organization's consent management processes to mitigate the technical and administrative burden of transmitting consent
VHIE (VITL)	Consent Management	<ul style="list-style-type: none"><input type="checkbox"/> Further automate the consent management process, increasing the number of records with consent documented to at least 42% in 2019 (35% in 2018)
VHIE (VITL)	Security	<ul style="list-style-type: none"><input type="checkbox"/> Adhere to HIE NIST security standards<input type="checkbox"/> Conduct an annual third-party security assessment and develop a mitigation plan, if necessary, to address items identified in assessment<input type="checkbox"/> Partner with the Agency of Digital Services to manage security matters; hold a monthly meeting and adhere to industry reporting standards

Tactical Plan Progress and Necessary Updates

VITL 2 of 4




Accountable Party	Area of Focus	Activity
VHIE (VITL)	Identity Management	<ul style="list-style-type: none"><input type="checkbox"/> Reduce duplicate records in the VHIE by 60% (40% in 2018; 20% in 2019)<input type="checkbox"/> Assess shared identity matching tools and report to HIE Steering Committee on results, and if deemed appropriate, procure and implement new identity matching tool(s)<input type="checkbox"/> Ensure that existing patient matching services are effective and operational seven days a week and 24 hours a day with 94% average monthly uptime
VHIE (VITL)	Data Extraction & Aggregation	<ul style="list-style-type: none"><input type="checkbox"/> Increase the number of health care organizations contributing to the VHIE that meet Tier II Connectivity Criteria standards¹<input type="checkbox"/> Establish new or replacement interfaces (connections) feeding data from EHR systems to the VHIE<input type="checkbox"/> Provide end users (OneCare Vermont, Blueprint for Health, Health Department, etc.) with data feeds to meet their unique data usage needs<input type="checkbox"/> Enable use of EHRs by providing Meaningful Use and Security Risk Assessment consultation to providers participating in the Medicaid EHR incentive program

¹ set appropriate expectations in this area b/c the practices are not able to meet the newest standards quickly; be cautious around the goal in this area and how we set those Tier II standards.

Tactical Plan Progress and Necessary Updates

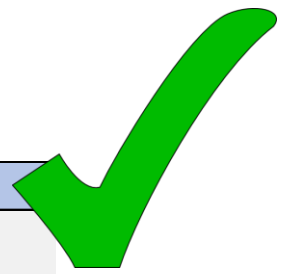
VITL 3 of 4

Accountable Party	Area of Focus	Activity
VHIE (VITL)	Data Quality	<ul style="list-style-type: none"><li data-bbox="978 405 2175 591">❑ Develop a data quality mitigation plan, as a component of the organization's strategic plan, in consultation with the HIE Steering Committee with a focus on improving quality and volume of specific data points related to health system goals<li data-bbox="978 605 2175 791">❑ Pilot the implementation of a terminology services tool (Health Language) and measure the impact on the quality of specific lab transmission across 25 health care organization; report to DVHA and the HIE Steering Committee on the achieved impacts<li data-bbox="978 805 2175 933">❑ Execute a data quality initiative to increase the quality and volume of data points included in the Connectivity Criteria Tier II data set<li data-bbox="978 948 2175 1076">❑ Work with partners such as the Blueprint for Health, Bi-State Primary Care Association and OneCare VT to implement source-directed data quality initiatives<li data-bbox="978 1090 2175 1219">❑ Modify the Connectivity Criteria in collaboration with the GMCB, the HIE Steering Committee, and other key stakeholders to further enhance the quality of data exchange through the VHIE



Tactical Plan Progress and Necessary Updates

VITL 4 of 4



Accountable Party	Area of Focus	Activity
VHIE (VITL)	Data Access	<ul style="list-style-type: none"><input type="checkbox"/> Evaluate data access preferences with end users and focus on development of the preferred data access method<input type="checkbox"/> Implement single sign on to VITL Access from EHR systems and/or cross community access (direct query and retrieve of some data within the VHIE) in accordance with the State's prioritized list<input type="checkbox"/> Maintain and expand use of VITL Access and the pharmacy benefit manager medication history query and view service based on user interest
VHIE (VITL)	Data Governance	<ul style="list-style-type: none"><input type="checkbox"/> Begin development and implementation of a data governance model leveraging methods currently implemented by the GMCB and Agency of Human Services to align health data management practices across the State
VHIE (VITL)	Interoperability	<ul style="list-style-type: none"><input type="checkbox"/> Explore methods for bi-directional data exchange with public health registries; provide the HIE Steering Committee with recommended strategies<input type="checkbox"/> Maintain existing data feeds (Clinical Registry, Public Health Registries, OneCare VT, AHS' Care Management Solution, etc.), explore methods for enhanced data exchange
VHIE (VITL)	Notification Services	<ul style="list-style-type: none"><input type="checkbox"/> Route data to Patient Ping and other event notification services used by VT providers
VHIE (VITL)	Secure Messaging	<ul style="list-style-type: none"><input type="checkbox"/> Provide the VITL Direct secure, point to point messaging service based on customer need and use

