Health Information Exchange Steering Committee Meeting
July 26, 2021

Meeting Goals

- Update the Committee on Priority Projects that Drive toward Vision of Integrated Health Data

- Review Definitions of HIE Services to Support Common Understanding for Collective Planning

- Discuss the Path to the HIE Plan Update

Updates on Priority Projects

2021 Health Data Priorities

Continue to Develop Vermont's Unified Health Data Space

- Complete Phase II of VHIE Collaborative Services Project – Data Platform

  - Collaborative Services Subcommittee to support Collaborative Services Roadmap Planning – *how can the IT best support its users?*

- Integrate Claims Data onto the VHIE

- Activate Social Determinants of Health (SDoH) Data Effort

- Develop a Sustainable HIE Financing Model

- (New) Exploring Use of VHIE Infrastructure for Additional Health Data Warehousing

Health Data Priorities
VHIE Collaborative Services Project

- VITL completed Phase I of the Collaborative Services Project
  - Upgraded: MPI, Terminology Services, Integration Engine

- By end of September '21, VITL will have completed Phase II of the Collaborative Services Project
  - A New Data Platform to Manage Clinical, Claims, and Other Data Types in One Place

- The *Collaborative Services Subcommittee* Continues to Be Informed of Progress and Invited to Provide Input on Future System Uses

Health Data Priorities
Claims on the VHIE

- AHS' contract with VITL supports the development of the VHIE Data Platform, which is capable of aggregating claims data along with other health data types

- AHS has asked VITL to use the Data Platform to ingest Medicaid and Commercial claims by year's end, and meet AHS' data extract needs related to evaluating delivery system reform programs

- The *Claims Subcommittee* has met every three weeks since March and worked to gather use cases from a variety of organizations that represent data needs at the point of care, for quality improvement, and to support reporting (both mandated and for program evaluation)

- *What's next?*

  - VITL and AHS are working with private payers to understand if payers will participate in data exchange and how commercial claims can be shared using the VHIE infrastructure

  - More is needed to understand if and how claims data can support users at the point of care; next steps are TBD

Health Data Priorities
Social Determinants of Health Data on the VHIE

- Housing Social Determinants of Health Data (SDoH) on the VHIE is a priority for AHS and other health system stakeholders

- AHS plans to support the development of a VHIE system capable of ingesting SDoH data, however, the capture and exchange of SDoH data will take a great deal of work beyond ensuring the VHIE system can house this data type

- In 2021, AHS will work to:
  - Develop an AHS SDoH Data Dictionary: *An ADS and AHS Team will document data elements and systems from across the Agency*
  - Map AHS Data to National Standards: *The Gravity Project provides a framework for sharing SDoH data as other health data is shared*
  - Create a Legal Framework for Sharing: *Based on the identified data elements, a legal framework will guide what can be shared, and how*

- In 2022, AHS hopes to:
  - Work with VITL to ingest AHS SDoH data sets onto the VHIE
  - Create an internal data governance mechanism to govern access and use of SDoH data across the Agency
  - Establish the *Population Health Subcommittee* as a forum to: understand system-wide SDoH data priorities, develop legal and policy frameworks to support users' needed data sharing arrangements, empower members to advocate for new data sharing arrangements amongst their constituents, and develop a system-wide data governance framework for SDoH data exchange

Health Data Priorities
Evolving HIE Financing Model

- AHS will propose to CMS that their ongoing investment in HIE development projects should be aligned with Medicaid's enhanced reliance on HIE systems to support Medicaid providers, programs, and operations
  - The federal match rates for HIE development work are expected to be significantly lower than those received from 2016-2021 through the US HITECH Act

- AHS is in the process of obtaining CMS' *Outcomes Based Certification* of the VHIE system
  - Certification will allow the Agency to request enhanced federal investment rates (beyond what's noted above) and ongoing funding for operations of the system
  - Certification is expected by January 2022

Common Definitions of HIE Core Services

Concepts from the HIE Plan: IT Services Model

This model builds from the base of "foundational services" up. Enhancements to foundational and exchange services make end-user services possible and meaningful.

End-User Services	
Reporting Services	Notification Services
Analytics Services	Consumer Tools
Care Coordination Tools	Patient Attribution & Dashboards

Exchange Services		
Data Aggregation	Data Access	Data Extraction
Terminology Services		Data Governance

Foundational Services	
Identity Management	Consent Policy & Management
Security	Provider Directories

Private Investment (Services)

Public Investment (Build & Operate) Infrastructure

Current:
Includes MPI and patient linking

Future:
Identity proofing and authorization

Current:
Base opt-out consent policy, management, education

Future:
Consideration of enhanced consent for new data types

Foundational Services	
Identity Management	Consent Policy & Management
Security	Provider Directories

Current:
Infrastructure to ensure data remains secure

Current:
Does not exist in current state

Future:
List of health care or other services providers

Current:
- VITLAccess clinical portal
- Results delivery
- eHealth Exchange – national data feed

Future:
- In-EHR integration of data from the VHIE
- EHR-based apps
- Patient Access
- APIs

Current:
- Interfaces between health care organizations and VITL
- Includes data quality

- **Future:**
  Interfaces to bring in new data types: (e.g., SDOH, SUD treatment data, medication fill systems, patient-generated data),
- Expanded data quality

Current:
Creating a single unified health data record in the new FHIR-based platform

Exchange Services

Data Aggregation	Data Access	Data Extraction
Terminology Services		Data Governance

Current:
Code mapping using VITL's terminology services

Current:
Defining data governance policies

Current:
- COVID-Reporting
- ACO
- Blueprint
- Ad hoc

Future:
- Reporting workbench for custom reports on demand
- Research
- Quality reporting

Current:
- Delivered by other partners

Future:
- Enhanced notification tools

Not noted in model: Public health e.g. Immunization Registry, Surveillance, Death Registry

End-User Services	
Reporting Services	Notification Services
Analytics Services	Consumer Tools
Care Coordination Tools	Patient Attribution & Dashboards

Current: Not currently offered

Current: Delivered by other partners

Current: Delivered by other partners

Current: Not currently offered

Next Steps

Path to HIE Plan Update

- AHS' Goals for the Plan Update:
  - Articulate Vision for Unified Health Data and Role of VHIE
  - Provide Updates on the Priority Work Identified in the Last Plan Update
  - Detail Tactics for Achieving Objectives Set Forth in the Plan (e.g., integration of diverse data types onto the VHIE)
  - Ensure Audience Understands the Status of Compliance with New Federal Interoperability Rules and Other Related Requirements

- There are 3 more Committee meetings before the HIE Plan Update is due to the GMCB on November 1

- Revisit services model reviewed today, with key questions

- *What are you most interested in seeing in the next update of the HIE Plan?*

Reference

Leveraging VHIE Infrastructure at AHS

- The Agency of Human Services is interested in, or is currently, leveraging the public investment in the state's health data infrastructure to:
  - Enrich Care Coordination and Case Management for the Medicaid Population
  - Store Data to Support Agency Operations
  - Store the Agency's Social Determinants of Health Data
  - Provide Clinical Data to Support Compliance with the federal *Patient Access and Interoperability Rules*
  - Match Clinical and Claims Data to Support Evaluation of the Medicaid Next Generation Model
  - Automate Required Federal Reporting
  - Support Implementation and Evaluation of the Blueprint for Health Program
  - Enhance Public Health Operations
  - *Other services are still being evaluated*