

# 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) AHS Exploring Use of VHIE Infrastructure for Medicaid 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  
(Pay for 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



**Current:**  
Infrastructure to  
ensure data  
remains secure

**Current:**  
Does not exist in  
current state

**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

**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:**  
Delivered by other partners

**Current:**  
Delivered by other partners

**Current:** Not currently offered

**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 Medicaid Data to Support Reporting and Operational Management of the Medicaid Health Plan
  - 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\*