Health Information Exchange Steering Committee
May 23, 2022

Agenda

- Welcome & Roll-Call
- VHIE Certification Update
- The Health Data Strategy & Data Governance Effort
- The Medicaid Data Warehouse and Analytics Solution Project
- Department of Health/VHIE Integration Strategy
- VITL Regional Collaborative
- Wrap Up & Plans for Remainder of 2022

The **Vermont Health Information Exchange was Certified** by CMS as part of Vermont's Medicaid Enterprise

- **Quick Facts:**
  - CMS' "Outcomes Based Certification" is an opportunity newly extended to Health Information Exchanges (HIE) as systems that support Medicaid operations, Medicaid providers, and Medicaid beneficiaries
  - Certification allows systems to received ongoing funding for operations through a federal Medicaid funding stream (MMIS)
  - We have been working towards VHIE Certification for close to 2 years
  - Vermont is one of a handful of states that have reached this milestone - many more aim to certify HIE functionality and systems
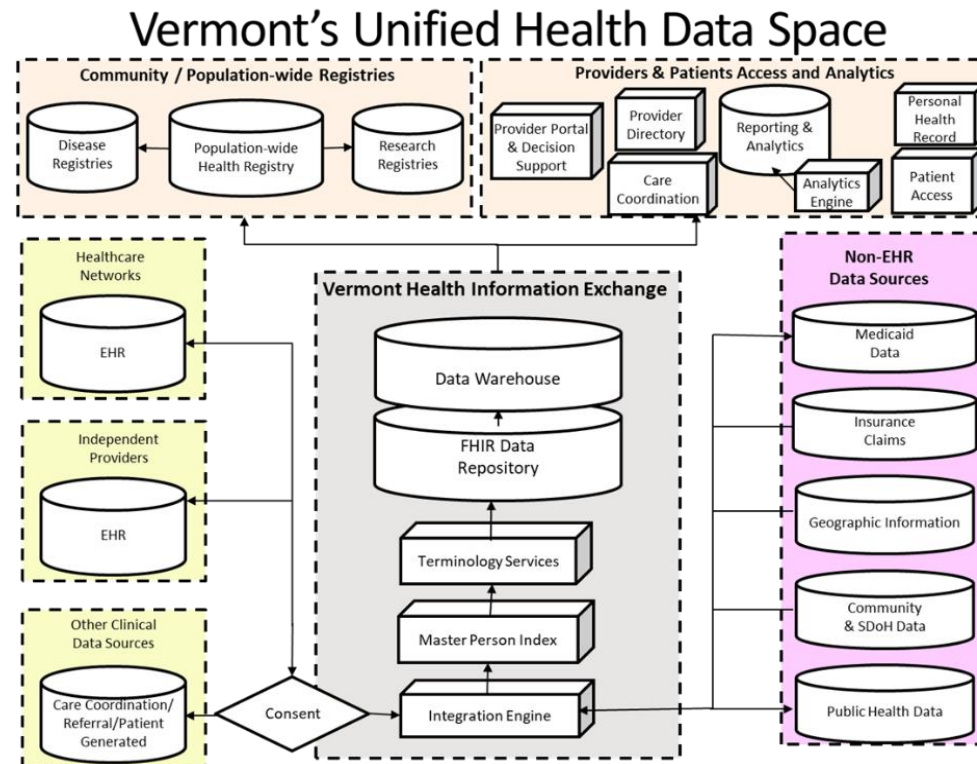
Health Data Strategy & Governance

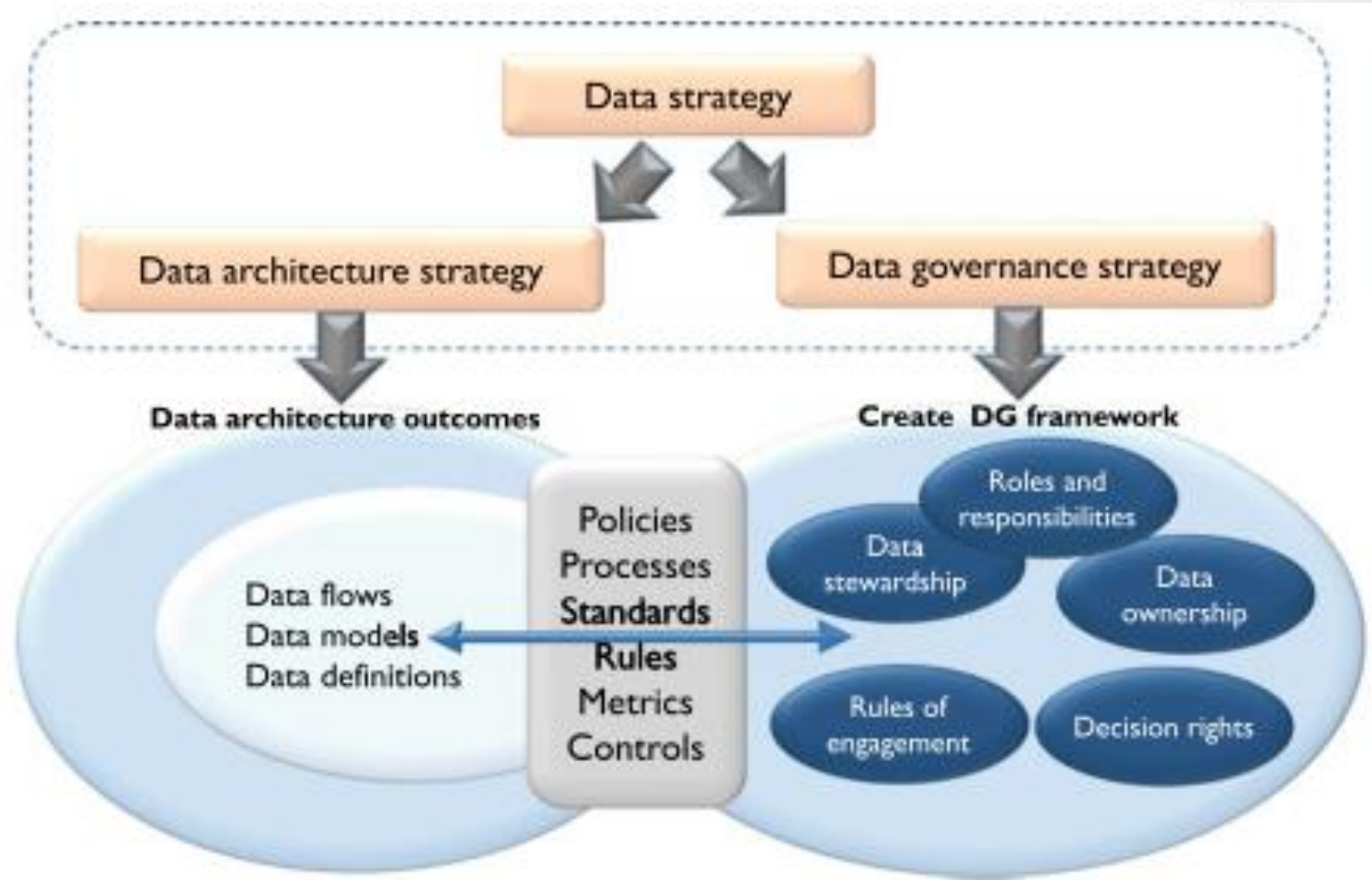Kathryn O'Neill, Green Mountain Care Board

Emily Richards, HIE Program, Vermont Agency of Human Services

Data Strategy & Data Governance

- Team of GMCB, AHS-CO and MDWAS project staff working to establish a consulting services contract to support the State in developing a Health Data Strategy & Governance Plan that illustrates clear governance models by which health data is stewarded and details behind why, when, and how data flows through the Unified Health Data Space

- Project Start Date: June 15, 2022

Vermont's Unified Health Data Space

Data Strategy ([Health Information Exchange Strategic Plan](#)), Data Architecture Strategy (Unified Health Data Space), supporting Architecture Outcomes (to be developed by Contractor), and Data Governance Strategy and Frameworks (to be developed by Contractor)

Data Strategy/Governance Workstreams

The Health Data Strategy & Governance Framework will be developed in phases -

- Phase I: Data Strategy & Data Governance Framework (version 1) to be included in the 2022 submission of the HIE Plan

- Phase II: Data Architecture Framework

- Phase III: Data Architecture Execution Plans including VHCURES/HIE Integration Strategy

- Phase IV: Final Execution including MDWAS Data Governance

Data Strategy & Governance Workgroup

- Kathryn O'Neill, Green Mountain Care Board
- Josiah Raich (or designee), OneCare Vermont
- Jessie Hammond, Vermont Department of Health
- Kristin McClure, Agency of Digital Services
- Emily Richards, Agency of Human Services
- Beth Anderson, VITL

An Overview of the Medicaid Data Warehouse & Analytics Solution (MDWAS) Project

The Problem

The State of Vermont does not currently have a centralized data repository with robust reporting and analysis tools that contains all Medicaid-related claims and clinical data.

The Medicaid & Data Warehouse & Analytics Solution

- Integrate a new Medicaid Data Lake (MDL) and Data Analytics and Reporting (DAR) solution with the State's existing data warehouse operated by Vermont Information Technology Leaders (VITL).

- Enhancing the data warehouse will allow the State to reuse existing technology with a focus on extensibility, allowing stakeholders to analyze and report on Medicaid data from a single location.

- The MDWAS project will achieve this through two concurrent workstreams.

    - Medicaid Data Lake & Analytics Solution (MDLAS)

    - Analytics Data Warehouse (ADW)

One Project, Two Workstreams

Medicaid Data Lake & Analytics Solution (MDLAS)

- The MDL will ingest data from various data sources across the Medicaid Enterprise System, store the data and make it available for the ADW.

- The DAR solution will be the primary Business Intelligence (BI) platform for stakeholders to access and use aggregated patient health data to perform reporting and data analytics.

Analytics Data Warehouse (ADW)

- Modify and integrate the State's existing data warehouse with the new MDL and DAR solutions.

- The ADW will ingest data from the MDL and existing healthcare provider data sources, store it, and make it available to the DAR.

- The ADW will include a new sandbox platform that will enable data scientists to query and analyze deidentified Medicaid data sets from within the ADW.

VHIE/VDH Integration Strategy

May 23, 2022

VERMONT
DEPARTMENT OF HEALTH

VHIE/VDH Integration Strategy

"Improving Public Health Capabilities through Integration with the VHIE – *To fully participate in the vision of a Unified Health Data Space, public health data and systems must be integrated with the VHIE. In 2022, AHS will partner with VITL to design a strategy for bolstering public health management through partnership with the VHIE. The integration strategy will consider leveraging VHIE infrastructure to enhance public health operations (an effort to reuse existing technical capabilities), incorporating public health data (e.g., immunizations, birth/death, cancer records) into the health record contained on the VHIE, and reporting for public health surveillance and monitoring. The strategy will build on lessons learned from the COVID-19 response and account for new federal requirements for state-level reporting. The HIE Steering Committee will provide feedback on the public health data strategy and use it to inform ongoing efforts to propel state-wide health information exchange."*

-2022 Update of the Health Information Exchange Strategic Plan (HIE Plan)

VHIE/VDH Integration Strategy

- VDH and DVHA secured a [COVID-19 Immunization Data Exchange, Advancement & Sharing (IDEAS) Grant](#)
  - ASTHO, in partnership with the Office of the National Coordinator

- The IDEAS grant funds be used to procure a consultant to support the State is developing the Vermont Department of Health and HIE Integration Strategy AND cover some technical development costs.
  - MMIS funding approved to support VITL's work developing bi-directional data exchange with Vermont's Immunization Registry

- IDEAS grant timing: ~May 2022 – September 2023

VITL Regional Collaboration Preview

Regional Collaboration

- Collaborating across regional HIEs:
  - HealthInfoNet in Maine (HIN)
  - The Rhode Island Quality Initiative (RIQI)
  - Vermont Information Technology Leaders (VITL)
- Together, we will seek to:
  - Share best practices and innovative thinking
  - Explore opportunities for joint initiatives
  - Support regional interoperability

HIE Steering Committee Plans – 2022

Committee Meeting: August 22

- UHDS Data Governance Strategy (Consultant)
- Next Steps for Integrating Social Determinants of Health into the UHDS
- Continued: VHIE Foundational v Fee-for Service
- Medicaid Data Aggregation & Access Program

Committee Meeting: October 24

- Final HIE Plan Update Review
- VDH Health Equity/VHIE Project

November – December (no Committee meetings held)

- Submit HIE Plan to GMCB for Review & Approval
- Plan for 2023