

Briljent Data Strategy Summary

October 2022



AHS and Green Mountain Care Board

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Agenda:

- 1 Overall Engagement
- 2 Purpose and Scope
- 3 Recommended Actions
- 4 Roadmap
- 5 Next Steps

Briljent Engagement

GOAL

- Phase 1: Engage with a consultant to provide an HIE Data Strategy and Data Governance
- Phase 2: Continue engagement for Medicaid Data Governance and VCHURES integration strategy

RESULT

- Data Strategy
- Data Governance

USE

- Apply data strategy as appropriate in the HIE Strategic Plan
- Build out and document data governance for HIE overall and then each domain specific dataset

Purpose and Scope

The Health data strategy will serve as a roadmap for establishing a Unified Health Data Space (UHDS) that aligns the needs and missions of multiple public and private entities.

- The plan articulates a strategic framework to serve as the foundation for the activities required to execute and sustain Vermont's UHDS.
- The plan specifies the recommended activities for the next 2 years.

High Level Objectives

1. Establish robust data governance plan
2. Define and communicate roles for data access
3. Optimize data utility
4. Ensure sustainability and scalability

Recommended Activities

Establish robust data governance plan

Data Governance Council

- Establish the Data Governance Council and identify a representative from each of the stakeholder groups to serve on the Council
- The Data Governance Council will establish a charter that outlines roles, decision- making processes, meeting structure, and frequency

Stakeholder Collaboration and Coordination

- Establish processes to solicit input and ensure continuous engagement of all stakeholders including both data users and those contributing data

Define and Communicate Roles for Data Access

Access to Secure, Timely Data

- Identify all user groups and determine their current and anticipated data needs and preferences for accessing the data

Ease of Use

- Within each user group, identify processes to simplify access to data based on their role-based access.
- Data availability based on role: standardized reports, ad hoc queries, individual record views

Bidirectionality of data

- Data must be accessible to all stakeholders that are contributing data to the warehouse, aligning with laws and data security guidelines

Data Use and Sharing

- Establish clear processes for data sharing

Optimize data utility

Data Management

- Establish and share clear processes for data management (*see Data Governance Framework for more detail*) – automated processes

Data Quality

- Establish and document processes for ensuring data quality and timeliness

Data Matching

- Document and automate processes for data matching

Analytic Capability

- Ensure appropriate analytic capacity among users of the Unified Health Data Space
- Suggested use of Business Intelligence tools for HIE (Tableau, PowerBI)

Ensure sustainability and scalability

Financial Model

- Identify financial model(s) to enable the sustainability of the UHDS

Resource Allocation

- Identify initial costs for development & maintenance of UHDS
- Identify resources based on roles & responsibilities outlined in the Data Governance Framework
- Annually revisit resource allocation based on previous year's costs and revenue

Data

- Future iterations of the strategy must take into consideration the changing landscape to support scalability and leverage innovation
- Example: consider including Patient Generated Data, IOT data, any new fed/state data warehouses

Ensure sustainability and scalability

(Continued...)

Human Resources

- Cultivate a workforce suited for the unique mix of technical, compliance, business, and clinical skills needed for management of UHDS
- Consideration: partnership with educational institutions to provide pathways for expanded knowledge & skills

Technologies to Facilitate Patient Privacy

- Monitor changes in technology standards or policy, including legislation, rules, and standards

Knowledge Management

- Consider a strategic knowledge management framework and assess how knowledge is captured within the scope of the UHDS

Use Cases

- Create a compilation of use cases and identify new ones

Roadmap

Activity	Year	Month
Establish Robust Data Governance		
Establish the Data Governance Council and identify a representative from each of the stakeholder groups to serve on the Council	Year 1	0-3
Establish a plan for communicating with executive sponsors/council and initial domain stakeholders of Unified Health Data Space	Year 1	0-3
Establish processes to solicit input and ensure continuous engagement of all stakeholders including both data users and those contributing data	Year 1	0-6
Establish a charter that outlines roles, decision making processes, meeting structure and frequency	Year 1	3-6
Define and Communicate Roles		
Identify all user groups, and determine their current and anticipated data needs and preferences for accessing the data	Year 1	3-9
Establish clear processes for data sharing	Year 1	3-10
Make data accessible to all stakeholders contributing data to the Unified Data Space, aligning with laws and data security guidelines		0-12 ongoing
Within each user group, identify processes to simplify access to data based on their role-based access.	Year 2	13-24
Optimize Data Usability		
Establish and share clear processes for data management	Year 1	0-6
Establish and document processes for ensuring data quality and timeliness	Year 1	0-6
Document and automate processes for data matching	Year 1	6-12
Ensure appropriate analytic capacity among users of the Unified Health Data Space	Year 2	12-24 ongoing
Ensure Sustainability		
Identify resources based on roles and responsibilities outlined in Governance Plan	Year 1	0-3
Identify initial costs for development & maintenance of Unified Health Data Space	Year 1	0-6
Create a compilation of use cases and identify new ones	Year 1	3-12 ongoing
Identify financial model(s) to enable sustainability	Year 2	13-18
Cultivate a workforce and talent pipeline suited for the unique mix of technical, compliance, business, and clinical skills needed for management of Unified Health Data Space.	Year 2	13-24 ongoing
Consider a strategic knowledge management framework and assess how knowledge is captured	Year 2	19-24
Monitor changes in technology standards or policy, including legislation, rules, and standards	Annual	Ongoing
Annually revisit resource allocation based on previous year's costs and revenue	Annual	Ongoing
Annually update the strategy taking into consideration the changing landscape to support scalability and leverage innovation.	Annual	Ongoing