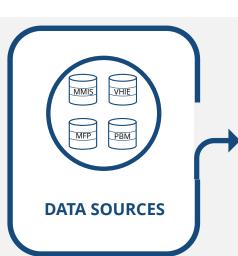
Unified Health Data Space (UHDS) Overview

2/20/2025



Unified Health Data Space (UHDS) Overview

Building on the foundation of the Medicaid Data Warehouse and Analytics Solution (MDWAS) which combines key technical components, the Unified Health Data Space (UHDS) will scale MDWAS beyond Medicaid to address Vermont's need for a unified repository and comprehensive analytics for health data.

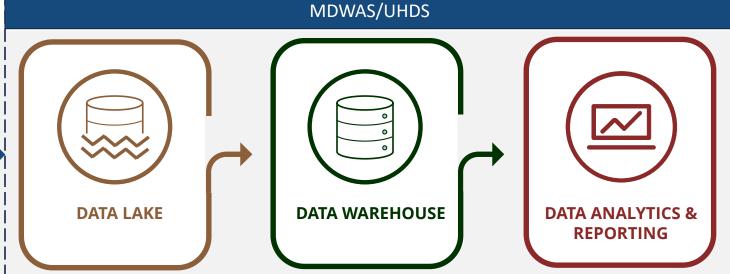


Current Data Sources

- Medicaid Management Information System (MMIS)
- Vermont Health Information Exchange (VHIE)
- Money Follows the Person (MFP)
- Pharmacy Benefits Management (PBM)

Future data sources

- Social determinates of health
- Commercial claims
- Patient generated data, etc.



Data Lake

- Ingests data from disparate data sources
- Stores, processes, validates, and secures large amounts of structured and unstructured data
- Serves as a staging environment before the data is ported to data lake

Data Warehouse

- Receives data from data lake
- Performs stringent data validation to facilitate analysis and reporting of structured data
- Functions as the State of Vermont's integrated data source for all health-related data
- Creates a longitudinal record of Vermonters

Data Analytics and Reporting

- Pulls data from data warehouse to create reports, visualizations, and dashboards
- Meets state and federal reporting requirements and empowers users to create custom, ad-hoc reports

Unified Health Data Space (UHDS)

- In accordance with the latest <u>HIE Strategic Plan</u>, the Unified Health Data Space (UHDS) will reuse the foundation of the MDWAS system.
- MDWAS is working to link Medicaid clinical and claims data and is on schedule to go live in late 2025.
- AHS would like to scale MDWAS beyond Medicaid data to include general population-wide data (more people).
- Additionally, AHS would like to expand its data scope to include clinical, claims, social determinates of health, Part 2, patient generated data, healthcare workforce data, etc. (more data)

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Recommendations

- Recommend we remove vendor partner references related to linking clinical and claims data.
- Would like to also include Health-Related Social Needs (HRSN) and Social Drivers (Determinants) of Health (SDOH) data as those are priorities for AHS.