

Green Mountain Care Board (GMCB) Analytic Team's Proposed Research and Reporting Priorities for 2020-2021

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GMCB's Analytic Team (A-Team)

GMCB is the steward of several data resources including the Vermont Health Care Uniform Reporting & Evaluation System (VHCURES) and Vermont Uniform Hospital Discharge Data System (VUHDDS).

The data are used in analysis by GMCB, as well as other agencies and researchers (via data use agreement) interested in questions around:

- Patient access to care
- Health care costs for patients & expenditures for insurers
- Patient utilization
- Health care quality (value and cost)

Broader access to aggregated information is available through prepared reports, which outline some of the most common questions about health care in Vermont.

Analytic reports are published on GMCB's website here:

<https://gmcboard.vermont.gov/data-and-analytics/analytics-rpts>

Governance for Analytic Priorities

18 V.S.A. § 9410

“(a)(1) The Board shall establish and maintain a unified health care database to enable the Board to carry out its duties under this chapter, chapter 220 of this title, and Title 8, including:

- determining the capacity and distribution of existing resources;
- identifying health care needs and informing health care policy;
- evaluating the effectiveness of intervention programs on improving patient outcomes;
- comparing costs between various treatment settings and approaches;
- providing information to consumers and purchasers of health care; and
- improving the quality and affordability of patient health care and health care coverage.”

Data Stewardship Principles and Policies

Adopted by the Green Mountain Care Board Data Governance Council
April 2019

Policy 2.3: GMCB data will support timely, consistent, and actionable analyses.

Implementation:

- The Board will set analytic priorities relevant to recommendations provided in the GMCB Analytic Plan (2012).

Current & Ongoing A-team Work

- Stewardship of data assets consistent with the Board's statutory authority (18 V.S.A. Sections 9405, 9410, 9453, and 9454) in the areas of risk management, data quality, sustainability, and data release.
- Managing GMCB analytic contracts (e.g. Onpoint, Mathematica)
- Providing data feeds for other state agencies (e.g. Enclave access)
- Health Resource Allocation Plan (HRAP), 18 V.S.A. § 9405
 - Coordinating inter-agency data integration
 - Providing a complete health resource inventory
 - Compiling health care needs assessment
- All-Payer Model Federal reporting (e.g. outcomes on federally-determined quality measures)
- Reporting support (e.g. Expenditure Analysis member enrollment and Medicare expenditure estimates, Accountable Care Organization (ACO) Medicare benchmark for the annual budget)
- Ad-hoc analytic requests (e.g. Self-funded data loss, total cost decomposition analysis)

Our Core Questions

How can the A-team provide better information to support the Board, its staff, and the public?

Knowing that there are many, many interesting and important questions to answer, where should the A-team focus?

Development of Key Priorities

- Staff surveyed each Board member individually to glean understanding about each member's individual priorities.
- Two themes emerged based on individual members' input:
 1. Process improvements for materials produced by the team
 2. Analytical and reporting priorities
- Staff drafted and refined recommendations.
- This presentation represents staff synthesis of the individual feedback we received regarding requested analytic priorities.

Proposed Projects 2020-2021

▪ **Project 1: Patient Origin Analysis**

- Purpose: To describe where patients come from (hospital service area) and where they go (hospital, hospital service area) to receive their care
- Informs: Hospital Budget Review, ACO Budget Review, HRAP
- Due: Q1 2020, Q1 2021

▪ **Project 2: Price Variation Analysis**

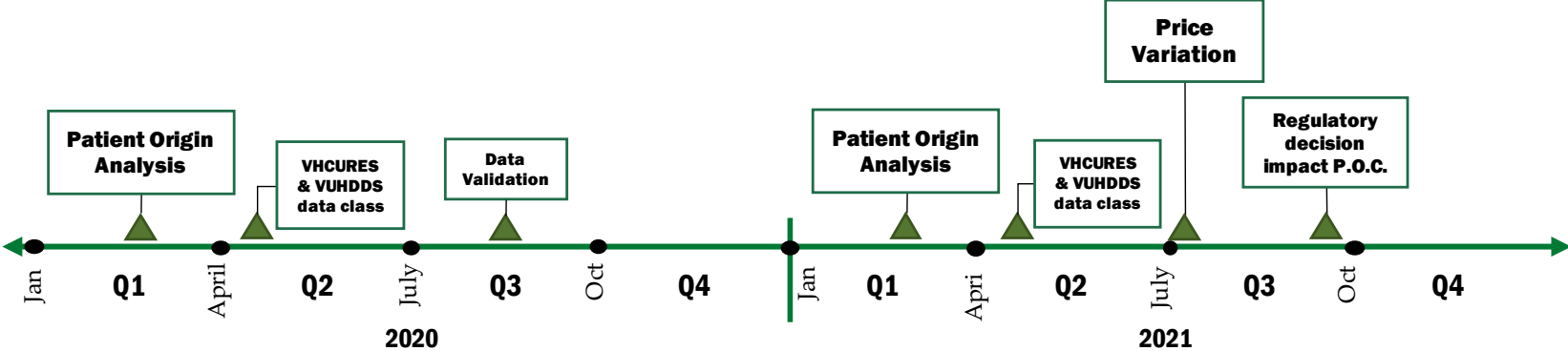
- Purpose: To measure any difference in price per service across hospitals
- Informs: Rate Review, Hospital Budget Review
- Due:
 - Part 1 – VHCURES to VUHDDS data validation, due by end of Q3 2020
 - Part 2 – Analysis of price variation, due start of Q3 2021

Proposed Projects 2020-2021

- **Project 3: Integration of Regulatory Decision-Making In Data**
 - Purpose: To analyze the impact of the GMCB's three regulatory duties (hospital budget setting, rate review, and ACO budget approval) on the health care utilization and cost for Vermonters, using a specific episode of care example (TBD)
 - Informs: Hospital Budget Review, ACO Budget Review, Rate Review, HRAP
 - Due: Start of Q3 2021

- **Project 4: Enhancing shared understanding of VHCURES and VUHDDS data**
 - Purpose: To help regulators and other end-users understand what data are available, and the limitations and advantages to each data source
 - Informs: Hospital Budget Review, ACO Budget Review, Rate Review, Certificate of Need
 - Due: Q2 2020 (offered on regular basis, at least annually)

Proposed Timeline



Questions