

HEALTH CATALYST INTEROPERABILITY EXPLORE DATAMART



PUTTING MORE INTELLIGENT DATA TO WORK FOR YOU

Today, more than 58 percent of health care organizations do not have a solution to make raw data meaningful, resulting in a lack of transparency that can lead to incomplete – and potentially incorrect – analytics. To compound the issue, 46 percent of organizations use multiple and often disconnected business intelligence (BI) solutions. In addition, only 20 percent of providers report using real-time data.* Without a clear view into timely data, opportunities to identify and solve population health problems are limited and care delivery and quality may suffer.

Today's population-based health care model needs data-driven insights based on comprehensive, accurate, and actionable data from across the care community. Health Catalyst Interoperability Explore makes this possible through a suite of solutions that aggregates and illuminates data for visual, actionable insights. HCI Explore DataMart aggregates near real-time data from across the health care community into a consolidated, secure, analytics-ready environment. The result is richer, more intelligent data filled with actionable insights, providing hospitals clear visibility into population characteristics, utilization rates and care delivery trends. As a result, health care organizations can take advantage of opportunities to improve quality of care and reduce costs.

DataMart goes beyond what is possible in a silo or dedicated electronic medical record (EMR)- environment and works to ensure your organization's data is:

- Consolidated: Harmonized into a single analytic repository with near real-time updates
- Complete: Enriched data from across the network is aggregated and patient-matched
- Connected: Fully interoperable with most BI tools and platforms

A SMARTER WAY TO VIEW AND ANALYZE DATA

DataMart consolidates data stored in clinical data repositories (CDR) across the HCI network into a single, easy-to-use analytic repository. All data is linked to a specific patient using our patented cMPI technology and is updated in near real-time. Data is cleaned and standardized to deliver the most complete, accurate and current information available. With all this data in one convenient location, health care organizations can easily slice and dice it to:

- Detect admission, diagnosis and procedure trends
- Identify opportunities to improve quality and care delivery efficiencies
- View utilization across the network and drive efficiencies in value-based care

Armed with insightful data, DataMart allows health care organizations to make decisions that can ultimately enhance care delivery, improve quality of care and reduce costs.

*Source: KLAS Business Intelligence Reports, 2014 and E-Health Initiative, 2015.

GETTING ANSWERS: THE VALUE OF NEAR REAL-TIME DATA

DataMart can help you find the answers to questions that impact both care quality and your bottom line.

What is my organization's **CURRENT PERFORMANCE** compared to national standards?

WHERE are my patients or members seeking care?
How does that compare to where they live?

Are there current **OUTBREAKS** of diseases in specific regions, areas or neighborhoods?

How can I **DETECT AND REACT IMMEDIATELY** to trends in admissions, diagnoses and procedures?

What are the current and historical **CHARACTERISTICS** of the patient population?

Which physicians are **ORDERING** a disproportionately high number of tests?

Are we providing the correct **FOLLOW-UP** in a timely matter?

Are there **SUPER-UTILIZERS** in our patient population?

MAKING CONNECTIVITY EASY

DataMart is fully interoperable with the most commonly used BI tools and platforms for easy integration into your existing environment. Powered by a robust, industry-standard Microsoft SQL server platform, DataMart will connect easily and securely to most information system. This gives providers quick and seamless accessibility to all patient data available today.

DELIVERING CLIENT VALUE

Our Professional Services team recently collaborated with the Wisconsin Statewide Health Information Network (WISHIN), Wisconsin Health Information Organization (WHIO) and the Wisconsin Collaborative for Healthcare Quality (WCHQ) to help these three organizations integrate their collective data and find ways to improve quality, costs, safety and efficiency with an end goal of transforming health care in Wisconsin.

By leveraging the DataMart's robust and comprehensive clinical data asset, Medicity provided these organizations clear visibility into their population's characteristics and clinical utilization. To provide even greater insight and better inform their decisions, WISHIN, WHIO, and WCHQ developed reports that provided at-a glance overviews of their performance in areas such as readmissions and ED utilization.

WISHIN, WHIO and WCHQ was able to successfully provide key stakeholders with intelligent, valuable insights into their clinical, population, payment and quality metrics, helping them pinpoint ways to begin to transform health care in Wisconsin.

To learn more about how DataMart can help your organization improve quality of care and reduce costs, contact a Health Catalyst Interoperability representative today at info@medicity.com.