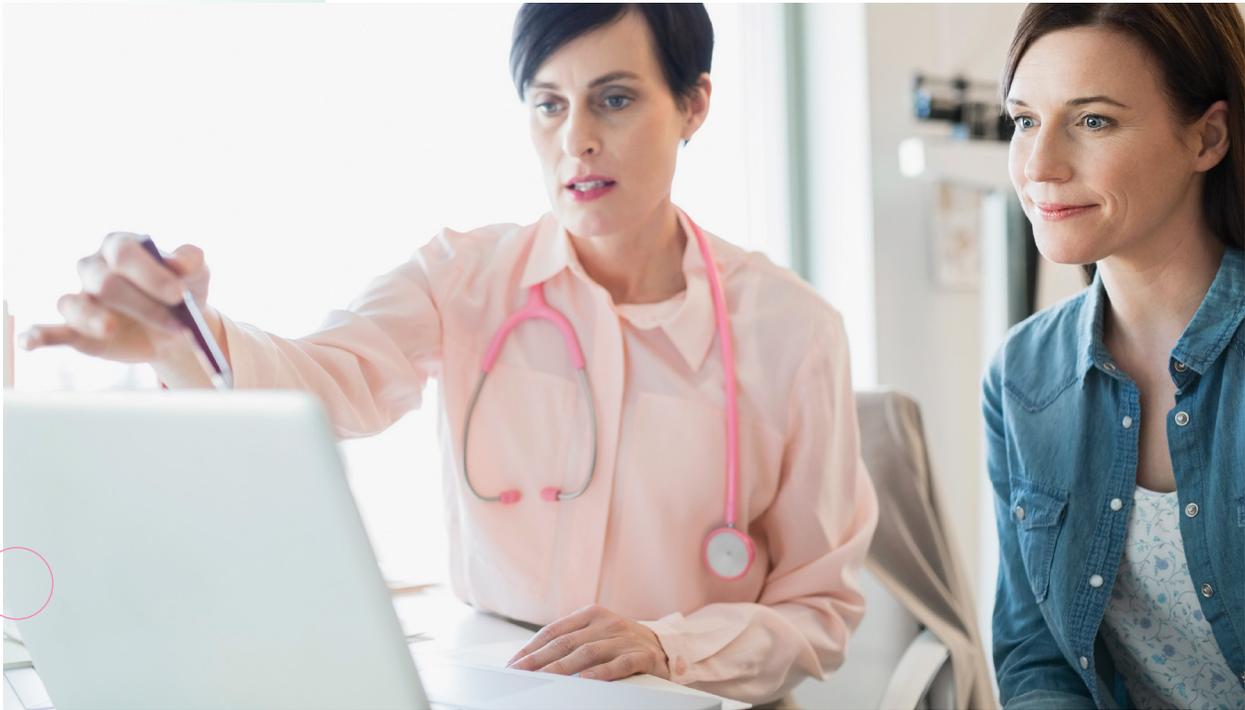


# InterSystems HealthShare Health Insight



## Unlock the Value of Unified Health Information

**InterSystems HealthShare Health Insight** gives you real-time actionable insights for care, and in-depth retrospective analysis for clinical, business, and population health management. HealthShare Health Insight is the analytics companion to our HealthShare Unified Care Record software. When you combine the Unified Care Record's extensible, longitudinal patient information with the capabilities of Health Insight, you can:

- Automatically identify patients for community-wide care management, registries, and population health management
- Create clinical and business dashboards
- Highlight gaps in care with event and time-based notifications to clinicians and care managers
- Monitor performance over time for process improvement and quality measurement

Part of the comprehensive HealthShare Analytics Solution, Health Insight contributes to your [smart healthcare data fabric](#) with a curated, patient-level healthcare data model and a real-time rules engine to support advanced clinical notifications.



## Key Features

### **Healthcare Data Model Designed for Analytics**

At the heart of Health Insight is a curated healthcare data model that makes HealthShare data available for use by report writers, analysts, and data scientists. This patient-centric data model spans multiple domains including, but not limited to clinical, claims, and social determinants, and can be expanded to revenue cycle management. As you extend the information in your unified care record, the healthcare data model extends your analytics capabilities to match.

### **Data Quality Management**

High quality decisions require high quality data. So, Health Insight tracks and exposes the sources of the data it contains, including information such as the sending facility and coding standards in use. This helps ensure provenance is known, can be vetted, and can be trusted. When relevant data in the Unified Care Record changes, and is propagated to Health Insight, consistency checking monitors these and other trends over time so you can explore and continually improve data quality.

### **Dynamic Intelligence for Actionable Insight**

With a single lab result, missed appointment, or emergency room visit, an individual can move from one population cohort to another. Health Insight monitors your data pipeline from across your health and care ecosystem to identify relevant events, or the absence of events, and then dynamically updates the patient cohorts of interest to your team. Dynamic cohorts can be included in clinical and business workflows to optimize decision making and care by:

- **Clinicians and care managers**, who can subscribe to notifications for Emergency Department admissions, abnormal lab results, and other clinical events.
- **Quality managers**, who can subscribe to notifications based on performance over time, or missing events, to identify gaps in care or changes to calculated risk scores
- **Population health managers**, who can leverage dynamic cohorts to focus resources on the most vulnerable members of a population

With actionable insight delivered into your workflow at the point of decision – EHR, dashboard, or wherever you spend your workday – Health Insight’s dynamic cohorts help to close the loop on information management.

### **Built-In Dashboard and Reporting Capabilities**

Health Insight includes a set of OLAP cubes to support end-user dashboards. Drag and drop analysis capabilities enable non-technical users to examine the data at any level, performing complex queries with ease. Health Insight dashboards display live business metrics. Sample dashboards and templates minimize the time and effort to create your own syndromic surveillance, performance measurement, or business management reporting.

### **Connected to Your Entire Analytics Architecture**

Health Insight becomes even more valuable when paired with InterSystems IRIS Adaptive Analytics to democratize efficient data access across your entire organization. Adaptive Analytics lets nontechnical users create purpose-built OLAP cubes from your populated healthcare data model for analysis and visualization through their business intelligence tool of choice, such as Microsoft Excel, Power BI, or Tableau. The Adaptive Analytics [universal semantic layer](#) and data virtualization allow data stewards to make data accessible to users without the need to expose complex data structures, tables, or relationships. At the same time, data scientists can easily leverage machine learning tools and environments such as [InterSystems Integrated ML](#), [DataRobot](#), and H2O.ai.

### **Flexible Deployment Options**

On premises, cloud, or managed service deployment options provide flexibility for customers while InterSystems ensures that all options meet the highest standards for reliability, performance, security, and customer support. InterSystems Managed Services enables you to leverage everything HealthShare Health Insight has to offer without having to purchase, install, or maintain the infrastructure.

### **Analyze and Act on Aggregated Data with Confidence**

Becoming a data-driven organization requires reliable, quality data and trustworthy analytics. InterSystems helps you with both. No other company knows the acquisition and curation of health data as well as InterSystems. Currently, over 1 billion health records worldwide are managed using our technology. HealthShare Health Insight is part of our comprehensive HealthShare Analytics Solution, which leverages over 40 years of InterSystems interoperability, data management, and data harmonization expertise to simplify the process of getting critical insights from your data. Insights that patients, providers, administrators, and payers can trust.

### **To Learn More**

Visit [InterSystems.com/healthinsight](https://www.intersystems.com/healthinsight). To find contact information for your local InterSystems office, visit [InterSystems.com/offices](https://www.intersystems.com/offices).

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