

# InterSystems Health Insight



No other company knows more about the acquisition, curation, and analysis of health data as InterSystems.

## Unlock the Value of Unified Health Information with InterSystems Health Insight

Becoming a data-driven organization requires reliable, quality data for trustworthy analytics and AI. InterSystems helps you with both. InterSystems Health Insight delivers real-time, actionable insights to support care, and in-depth retrospective analysis for clinical, business, and population health management. InterSystems Health Insight is the analytics companion to our InterSystems HealthShare Unified Care Record software. When you combine the Unified Care Record's extensible, longitudinal information with the capabilities of Health Insight, you can:

- **Identify** candidates for community-wide care management, registries, and population health management
- **Deploy** ready to use dashboards packages designed to address relevant industry use cases (e.g. diabetes, hypertension) to inform clinical and business operations
- **Highlight** gaps in care with event and timely notifications to clinicians and care managers using advanced clinical notifications
- **Monitor** performance over time to improve processes, enhance outcomes, and optimize quality measures

With its comprehensive, longitudinal person-level data model, Health Insight becomes a vital component of your smart healthcare data fabric and enterprise analytics strategy. Use it to deliver clean, healthy data, and AI. No other company knows more about the acquisition, curation, and analysis of health data as InterSystems.

Health insight empowers diverse teams to access and use data as part of a smart healthcare data fabric.

## Key Features

### Healthcare Data Model Designed for Analytics

At the heart of Health Insight is a curated data model that makes healthcare data accessible to report writers, analysts, and data scientists. This person-centric data model spans multiple domains including, but not limited to clinical, claims, and social determinants, and can be expanded to include new record types. As you extend the information in your unified care record, the healthcare data model extends in parallel, supporting more powerful analytics.

### Data Quality Management

High quality decisions require high quality data. Health Insight provides terminology translation to help you normalize coded healthcare data, so it is consistent and ready for analytics use. Health Insight tracks and exposes the sources of its data, 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, built-in consistency checks monitor these changes and other trends over time allowing you to monitor 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 from across your health and care ecosystem to identify relevant events, or the absence of expected events, and then dynamically updates the 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 example, for Emergency Department admissions, abnormal lab results, and other clinical events
- Quality managers, who can track performance trends or missing events to identify gaps in care or changes in risk scores
- Population health managers, who can leverage dynamic cohorts to focus resources on the most vulnerable members of a population

By delivering actionable insight at the point of decision Health Insight's dynamic cohorts help close the loop on information management.

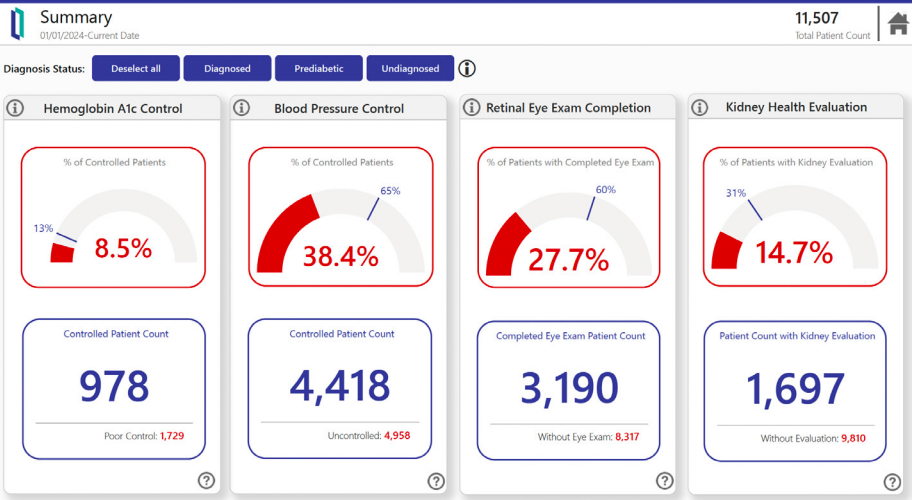
### Share Data and Insights Across Organizational Boundaries

Health Insight empowers diverse teams to access and use data as part of a smart healthcare data fabric. Each team has access only to the data relevant to their use case or role. For example, a subset of data based on diagnoses, geography, healthcare facility or other criteria – may be made available to a particular care coordination team. These data sets are automatically updated, ensuring teams always have access to the most current information.

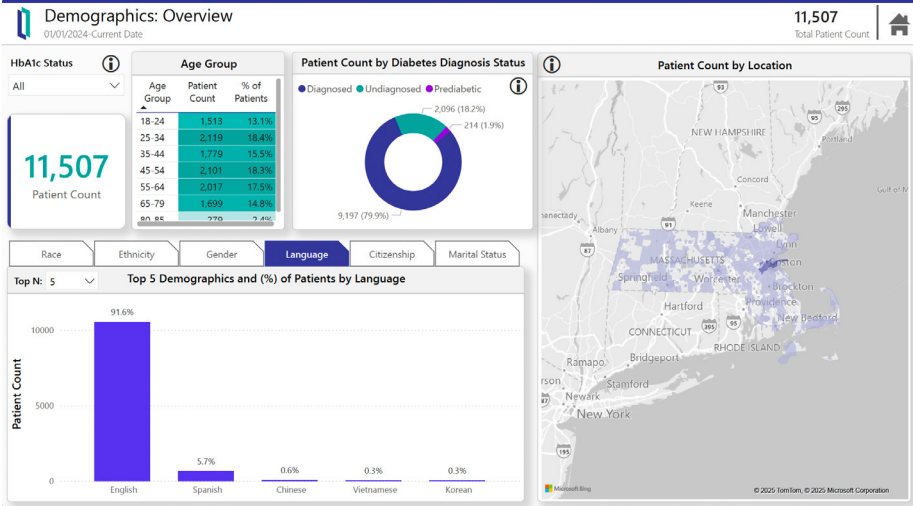
### Pre-Built Dashboards and Reporting Capabilities

Health Insight supports OLAP cubes designed to support multidimensional analytics and 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. Health Insight includes pre-built dashboards focused on diabetes, hypertension and wellness and preventive care, for use with Microsoft PowerBI. These dashboards may be used as templates, minimizing the time and effort to create your own syndromic surveillance, performance measurement, or business management reporting.

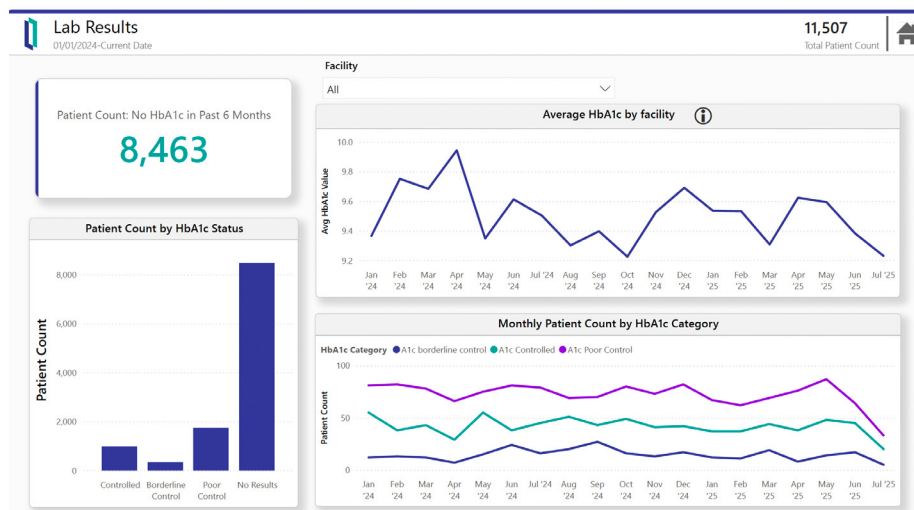
Health Insight offers drag-and-drop analytics, OLAP cubes, and customizable dashboards to simplify syndromic surveillance and performance reporting.



Summary dashboard



Demographic overview



## Lab results

### Flexible Deployment Options

Health Insight is one of InterSystems HealthShare Cloud solutions. When you subscribe to Health Insight Cloud, InterSystems designs, hosts, and delivers the integration platform so you do not need to purchase, operate, secure, and maintain the infrastructure yourself. Health Insight Cloud services include:

- All data center resources, including hosting, hardware, and network capacity needed to run the solution
- Ongoing maintenance of all solution components
- Customer-specific configuration and implementation services to bring the solution live, including building connections
- 24/7 support for the solution including real-time monitoring
- Seamless upgrades
- Sophisticated security and data protection programs

Health Insight is also available on premises/private cloud as container-based deployments or traditional kit-based installations.

### Customer Support and Education

When you select InterSystems, you get more than technology. You also get our acclaimed customer support and extensive educational opportunities. Search for HealthShare education resources at [Learning.InterSystems.com](https://learning.intersystems.com). Learn more about HealthShare and its family of products at [InterSystems.com/HealthShare](https://intersystems.com/HealthShare).

When you select InterSystems, you get more than technology. You also get our acclaimed customer support and extensive educational opportunities.

**InterSystems**, A Creative Data Technology Provider.