# MITRE HealthLab



## A space to analyze the nation's toughest health problems in an immersive data analytics, simulation, and visualization lab

## MITRE connects people and data for actionable insights to transform the health system

The MITRE HealthLab is designed around a central premise: Secure, trusted, and comprehensive data, when intelligently connected and visualized, will transform good ideas into working concepts, data–driven predictions into sound health policies, and disruptive innovations into practical government programs to improve health and reduce cost.

The physical HealthLab space in Baltimore enables an immersive experience with health data analytics, simulations, and visualizations with a 28–foot interactive data wall. The HealthLab enhances technical collaboration across multiple sites, supports streaming presentations to large internal and external communities, and hosts code–a–thons to tackle big wicked health problems.

HealthLab is a catalyst for MITRE's work with leaders across government, industry, and academia to conceive and advance innovative solutions in healthcare, public health, and health policy.

For more information contact the MITRE HealthLab at healthlab@mitre.org.

### DISCOVER
novel approaches to health policy challenges using the power of data visualization

### CREATE
high-impact policy and program approaches grounded in evidence-based data analytics

### LEAD
diverse stakeholders to innovate health solutions through collaborative forums and complex systems thinking

**MITRE** | HealthLab

## "What-if" analysis for health policies and programs in a state-of-the-art facility

The MITRE HealthLab offers a unique combination of analytics, simulation, and visualization capabilities to meet the decision–making needs of government health policy and program leaders. The HealthLab provides numerous unique benefits:

**Interactive Visualization Environment:** Using advanced data analytics and immersive visualization, the HealthLab communicates option analyses to decision makers to inform practical action.

**Sensitive Data Access Under the Federal Acquisition Regulation (FAR):** The HealthLab offers users the ability to analyze unique combinations of public and private health data, including highly sensitive and proprietary data (per FAR 35.017).

**Secure Health Analytics Environment:** The HealthLab performs analytics on healthcare data using our Holistic Analytics Environment, which complies with security and privacy requirements for handling sensitive health data, including Personally Identifiable Information and Protected Health Information.

**Synthetic Health Data Generation Technology:** Where gaps in health data exist, MITRE's synthetic health data generation technology can create realistic data at a massive scale to allow for informed analysis of national–scale populations.

**Proximity to Centers for Medicare & Medicaid Services (CMS) Headquarters:** Strategically located within a five–minute walk from the CMS headquarters in Baltimore, the HealthLab provides a convenient and collaborative environment that fosters innovative thinking.

## About MITRE Health

We believe data is the next innovation in health. Our work connects people and data to change the health market and reinvent the health experience. Our unique vantage point, trusted access to proprietary data, and systems thinking approach—combined with our culture of innovation in health research and development built over more than four decades—enable MITRE to discover solutions where others may not. Through the power of partnership and trusted engagement, we can solve our nation's toughest health problems for a safer world.

*For information contact the MITRE HealthLab at healthlab@mitre.org.*

MITRE's mission–driven teams are dedicated to solving problems for a safer world. Through our federally funded R&D centers and public–private partnerships, we work across government to tackle challenges to the safety, stability, and well–being of our nation.

## The MITRE Corporation

www.mitre.org