OHDSI
OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

Mission: Improving health by empowering a community to collaboratively generate evidence that promotes better health decisions and better care

Vision: Creating a world in which observational research produces a comprehensive understanding of health and disease

Values: Innovation, Reproducibility, Community, Collaboration, Openness, Beneficence

OHDSI is a *multi-stakeholder, interdisciplinary collaborative* to bring out the value of health data through large-scale analytics. *All our solutions are open-source.*

OHDSI has established an *international network of researchers and observational health databases* with a central coordinating center housed at Columbia University.

Our Community & Data-Sharing Network

- \> 2,500 distinct users across six continents have posted to our community forum
- Our community has a distinct range of both stakeholders and disciplines
- \> 100 different databases
- \> half a billion patient records
- Data from 19 different countries, with > 200 million patient records from outside the U.S.
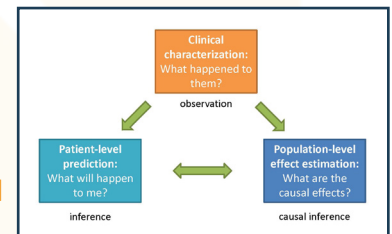
What Does #JoinTheJourney Mean?

The OHDSI community is on a journey to improve decision-making in both health and healthcare.

We start with observational data, gathered through various populations, care settings, data capture processes, and health systems.

By converting that data through the OMOP Common Data Model (see below), the journey can reach the finish, where we convert data into three types of evidence: clinical characterization; population-level effect estimation, and patient-level prediction.
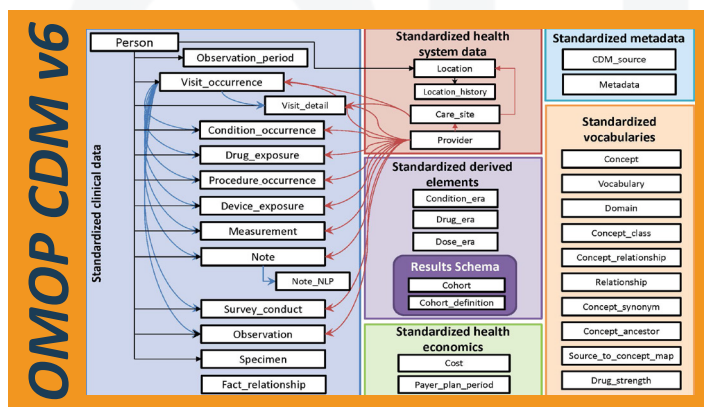
Delivering Reliable Evidence

OHDSI strives to develop reliable real-world evidence through methodological research, open-source analytics development, and clinical evidence generation.

The OHDSI community has produced hundreds of peer-reviewed papers since its 2014 inception, including *our recent LEGEND Hypertension Study in The Lancet*. The creation of the ATLAS open-source platform can be installed locally with any database that has been standardized to the OMOP CDM. Thus, research can be done in collaboration, and with a significant set of data.

OHDSI's strength is its community. We work together to enhance the future of health and healthcare. We average more than 400 attendees at our annual U.S. Symposium.

The *2019 Symposium* was held Sept. 15-17 in Bethesda, Md. Visit our *Symposium Page* on OHDSI.org to watch our talks, learn about our research, check out our tutorials, and more.

OMOP CDM v6