

OHDSI/OMOP Services: Empowering common data standards for faster, reliable analytics

Expand your real-world data access and generate RWE at scale

What is OHDSI/OMOP?

Observational Health Data Sciences and Informatics (OHDSI)¹ is an international open-science research collaborative that enables higher quality, reproducible studies through standard analytical methods, tools, the **OMOP Common Data Model (CDM)²** and Standardized Vocabularies.

The growing network of OHDSI members' databases consists of more than 150 datasets, across 20+ countries with 2B+ patient records; most of which are commercially unavailable data.



How does OHDSI/OMOP create value for you?

Raw data
Multiple SAS/R Coding



North America



Southeast Asia



Europe



OMOPed data
Standardized Analytics



The OMOP Common Data Model (CDM) transforms observational health data into a structured, common format.

Together with OHDSI's open and systematic approach to clinical research, the OMOP CDM offers greater **reproducibility, efficiency and reliability** to answering real-world questions across a global network of standardized data. Queries that may take months to produce analytics, can now be done in a matter of days.

Get **faster answers** to questions about:

- Drug utilization
- Drug safety
- Health economics
- Trial design
- Trial feasibility
- Subject/site recruitment

CHOOSE IMPROVED EFFICIENCY, GREATER RELIABILITY AND REDUCED COSTS WITH OHDSI/OMOP



Conduct faster, more reliable research across different datatypes (e.g. administrative claims, EHR data) and multiple countries



Expand global data access to mostly commercially unavailable data via the OHDSI network of 150+ databases, from 20+ countries with 2B+ patients



Develop analytics packages of queries, analyses and studies only once and deploy in any database formatted in OMOP CDM



Reduce costs of ownership including understanding coding schemes, writing statistical programs across databases or developing software

IQVIA OHDSI/OMOP services

Pick and choose any number of service options to meet your data and analytics needs.



- IQVIA data enhanced with OMOP
- OHDSI data partners



- Rapid queries
- Descriptive statistics
- Protocol-driven analytics



- Training
- SME consultancy
- ETL conversions
- ATLAS installation
- Publication support
- IQVIA™ OMOP Converter

DATA NETWORK

Gain access to a growing network of more than 150 databases, from 20+ countries with 2B+ patient records.

IQVIA Portfolio of Data in OMOP Format

Sample list of IQVIA data enhanced with OMOP CDM

COUNTRY		DATASET NAME	COUNTRY		DATASET NAME
AUSTRALIA		LPD EMR	UK		IMRD
BELGIUM		LPD EHR	US		Ambulatory EMR
CANADA		EMR	US		Hospital Charge Data Master
FRANCE		Disease Analyser EHR	US		Oncology EMR
FRANCE		LPD EHR	US		Open Claims LRxDx
GERMANY		Disease Analyser EHR	US		PharMetrics Plus

OHDSI Data Partners

Sample list of OHDSI network partners*

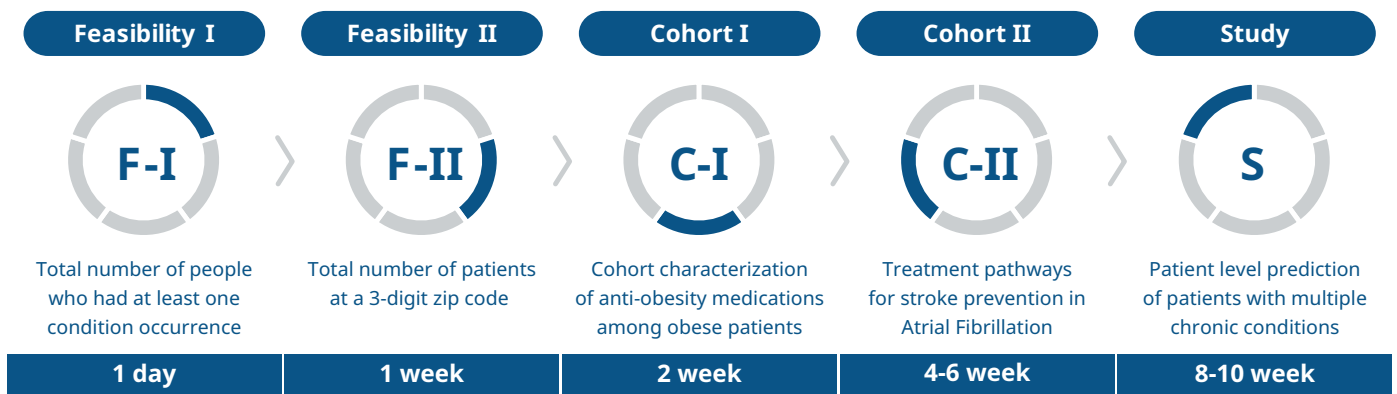
COUNTRY		SITE/DATASET NAME	DATASET TYPE
CHINA		Digital Health China	Aggregated EHR (Cardiology)
KOREA		Samsung Medical Center	Hospital EHR
NETHERLANDS		IPCI (EHDEN)	Longitudinal EMR
SPAIN (CATALONIA)		SIDIAP (EHDEN)	Hospital EHR
UK		CRPD Gold - HES	Ambulatory + Hospital EHR
US		Columbia University	Hospital EHR
US		Stanford Medicine - STARR	Hospital EHR

*IQVIA maintains collaboration agreements with leading OHDSI members

PRODUCTIZED ANALYTICS

Leverage IQVIA expertise and speed of analysis to design and execute feasibility studies, cohort characterizations, treatment patterns and outcomes research considerably faster than traditional approaches.

Examples of Productized Analytics packages and average times for generating analytics



SOFTWARE, ETL DATA CONVERSION AND SME

Build your own OHDSI/OMOP capabilities with IQVIA's consulting and technical services.

ETL data conversions

- Conversion of your data to OMOP common data model
- Data quality assurance (QA)

Software

- IQVIA™ OMOP Converter™ software for semi-automating ETL process
- E360™ SaaS analytics platform with OMOP data

Engineering support

- Installation and development of OHDSI tools (e.g. Atlas, Arachne, OHDSI methods library, etc.)

Data science consultation

- On-call resources for debugging, visualizations, and consolidating results

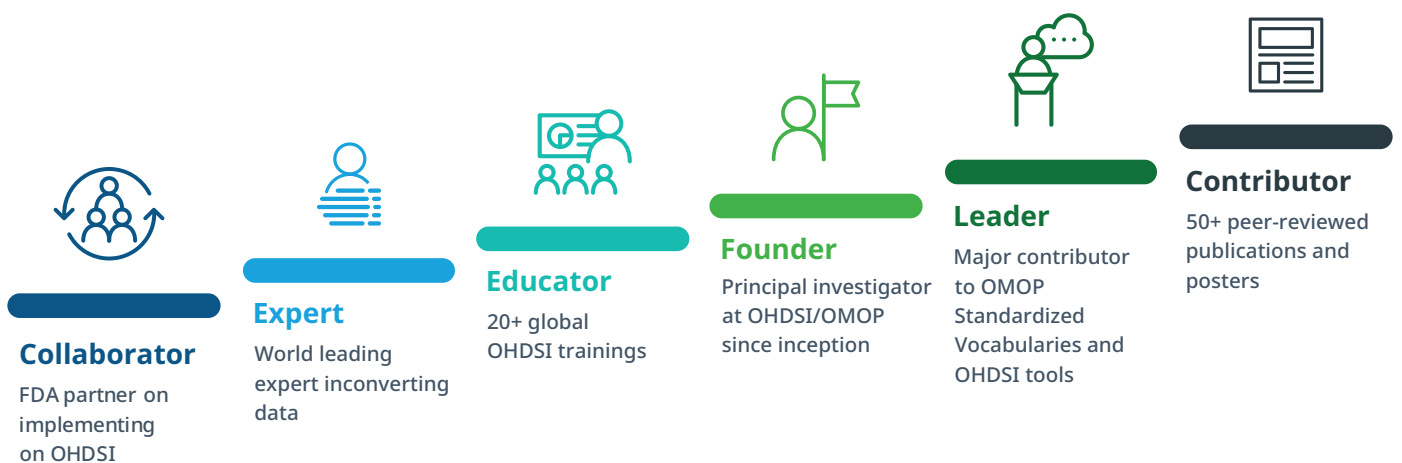
Training and workshops

- Tutorial workshops and trainings on OMOP CDM vocabulary, OHDSI tools, data conversions, analysis (also available in Chinese) and QA

Publication support

- Identify target journals
- Document submission guidelines
- Draft manuscript
- Iterate on reviewer responses

Why choose IQVIA for your OHDSI/OMOP services?



¹OHDSI is a public initiative independent of IQVIA

²OMOP (Observational Medical Outcomes Partnership) was a public partnership between FDA and industry, developing the OMOP CDM and Standardized Vocabularies; now maintained by OHDSI