
OHDSI Evidence Network

2026 Progress Update

Building Scalable, Federated Research Infrastructure

26 May 2026

Why the Evidence Network Exists

Network coordination is now a scientific requirement.



Real-World Evidence

Growing need for multi-site, real-world evidence to inform clinical decisions



Federated Collaboration

Opportunity for federated, standardized collaboration at scale



Study-Data Matching

Challenge of matching study needs to the right data sources across sites

What Is the Evidence Network

Data stay local, analyses are shared.



Builds on OHDSI's standardization and open science foundation



Fully federated, opt-in participation model



Uses aggregate diagnostics (DbProfiles) for feasibility assessment



Enables studies without sharing patient-level data

What have we accomplished?

Network reach and partnership growth

42

Data Sources



31

Data Partner Organizations



45+

Data Partners Onboarding



2026 FOCUS

From Concept to Operations

2026 is about making the network usable at scale.



**Clear Participation
Pathways**



**Study Lifecycle
Definition**



**Scalable
Coordination**

Workstream Model

6 workstreams defined — 3 priority areas driving execution

01



**Data Partner
Engagement
& Onboarding**

Execution & QA/QC

02



**Study & Research
Tracking**

Knowledge Base

03



**Website & Platform
Development**

Marketing & Funding

Data Partner Engagement & Onboarding

Make it easy to join and understand value.



Onboarding Playbook

Step-by-step guide for new data partners to join the network



ROI & Value Proposition

Clear articulation of benefits and return on participation



Governance Templates

Ready-made governance guidance reducing legal and admin barriers



Reduced Barriers

Focus on streamlining the path from interest to active participation

Study & Research Tracking

Consistency reduces friction across sites.

Study Lifecycle Defined

End-to-end study lifecycle for Evidence Network studies, from concept to publication.

Key Roles Clarified

- Study Lead
- Data Partner Lead
- Local PI / Data Expert

Study Starter Kit

Templates, checklists, and guides to help teams launch network studies with consistency and speed.

Website & Platform Development

Process drives platform — not the other way around.



Study Tracking

Visibility into active and completed network studies



Partner Visibility

See who's participating and their data capabilities



Documentation

Centralized access to guides, templates, and resources

Exploring lightweight, scalable solutions

Supporting Workstreams

Supporting structure enables scaling.



Execution & QA/QC

Standard workflows ensuring quality and consistency across network studies



Knowledge Base

Centralized documentation hub for all Evidence Network resources and learnings



Marketing & Funding

Building sustainability through outreach, awareness, and growth strategies

Feasibility First

You don't need to run the study to know if it will work.

DbProfiles

Network-wide feasibility assessment using aggregate diagnostics — no patient data leaves the site.

What It Enables

- Early assessment of study viability
- Identification of fit-for-use sites
- Eliminates costly 'run-and-see' studies

Variability Is Expected

Variability is signal — not noise.

Structural

Different source vocabulary and coding systems across sites

Regional

Geographic and population-level variation in care patterns

Purpose-Driven

Data collected for different clinical or admin purposes

~~"Is the data good?"~~ → "Is the data fit-for-use?"

Data Quality Is Iterative

We learn and improve by doing studies together.

1

Start from the OMOP
CDM and Conventions
defined by the
community

2

Benchmarking across
DbProfiles

3

Shared experience
across studies

4

Data quality
improvements emerge
from real network use




Evidence Network in Practice

The model works — but needs structure to scale.

Study-a-thon

- Rapid feasibility across sites
- Execution within days
- Proof of federated model

Demonstrated

-  Scalability
-  Value of shared tooling
-  Importance of coordination

What's Next

2026 Roadmap



Operationalize priority workstreams



Launch Evidence Network website



Run more coordinated network studies



Develop training for OHDSI Symposium



Begin defining standard study initiation expectations (iteratively)

Building the Evidence Network Together

- Open, community-driven effort
- Designed for scale, transparency, and reuse
- Success depends on participation and shared learning