



# Adoption of the OMOP Common Data Model in the UK

OHDSI Europe 2024

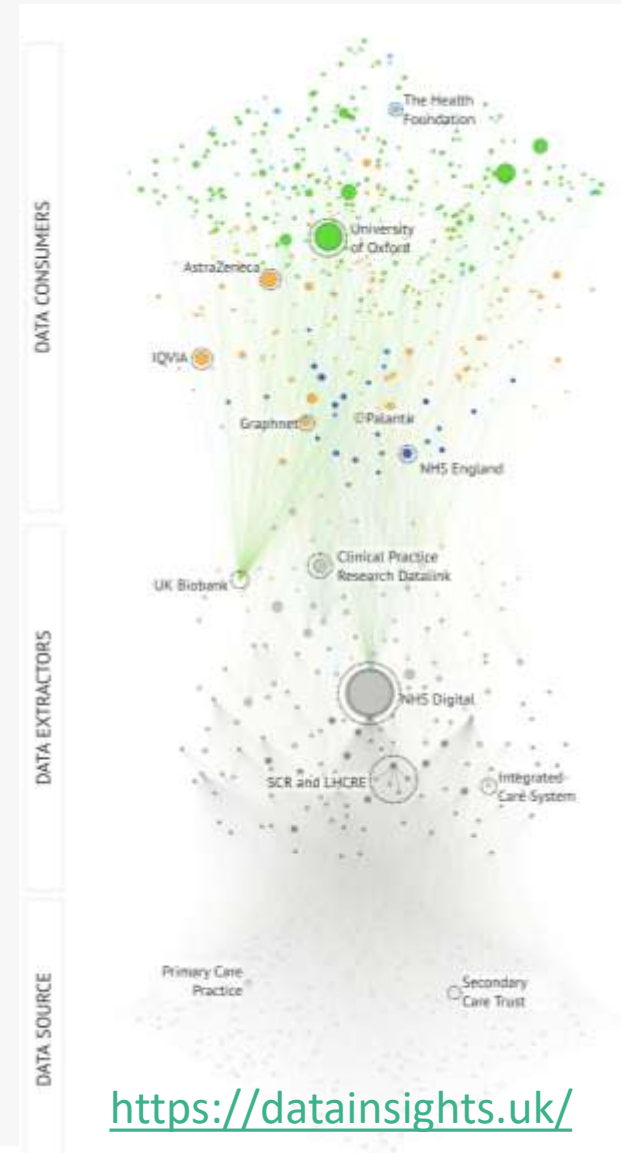
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## UK Landscape



- The UK National Health Service holds detailed health data on 67 million people – potentially an invaluable resource for research
- However, data is distributed across many healthcare providers and formats
- NHS England establishing a network of secure data environments (SDEs/TREs) to support research
- Wales and Scotland already have their own SDEs
- The UK's national institute for health data science
- 103+ leading healthcare and research organisations
- Establishing best practice for the ethical use of UK health data for research at scale



<https://datainsights.uk/>

## Activities in support of OMOP adoption



Collaboration with EHDEN, funding 5 new data partners to transform to OMOP



Partnership with OHDSI UK



Collaboration with NHS England's network of Secure Data Environments to support their adoption of OMOP



Survey of OMOP Landscape in the UK

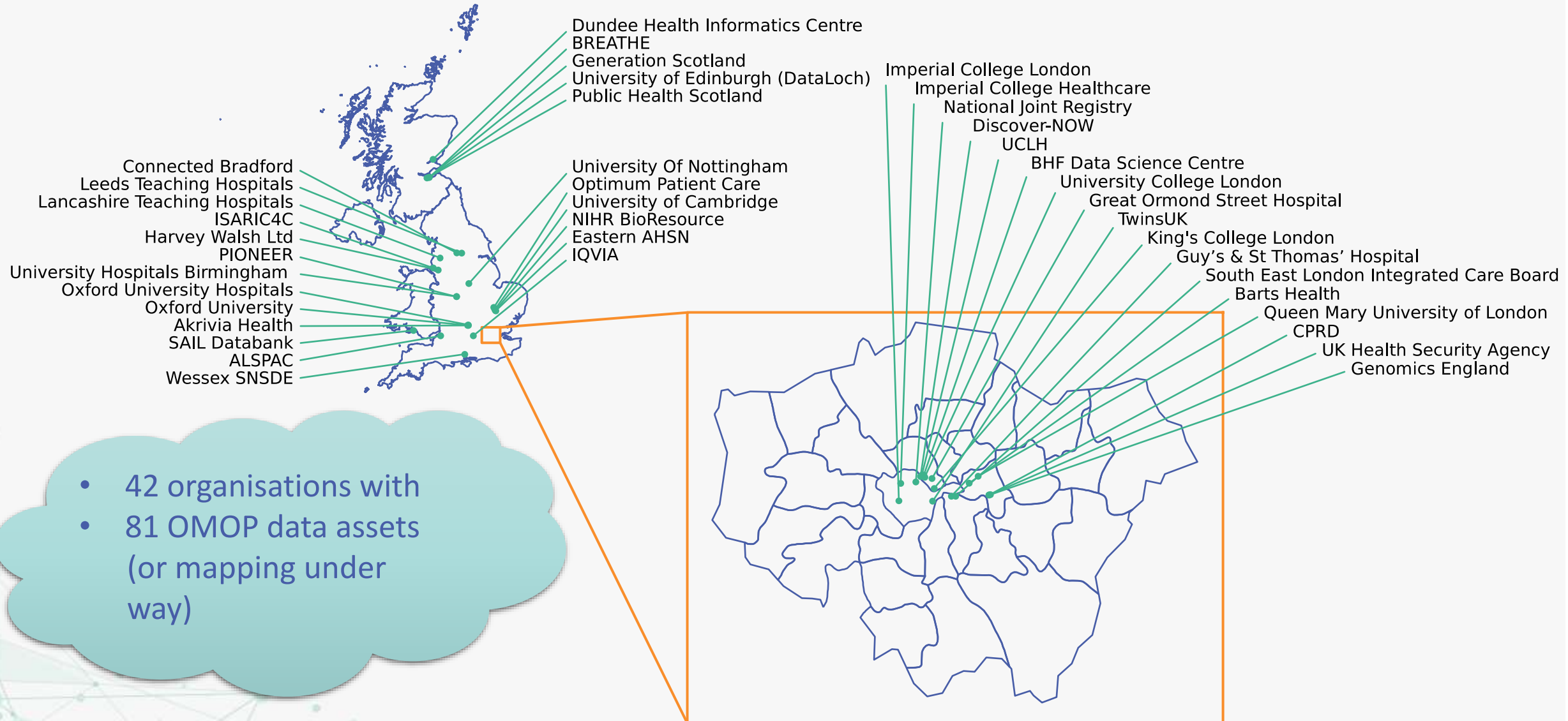


Community activities including OMOP events



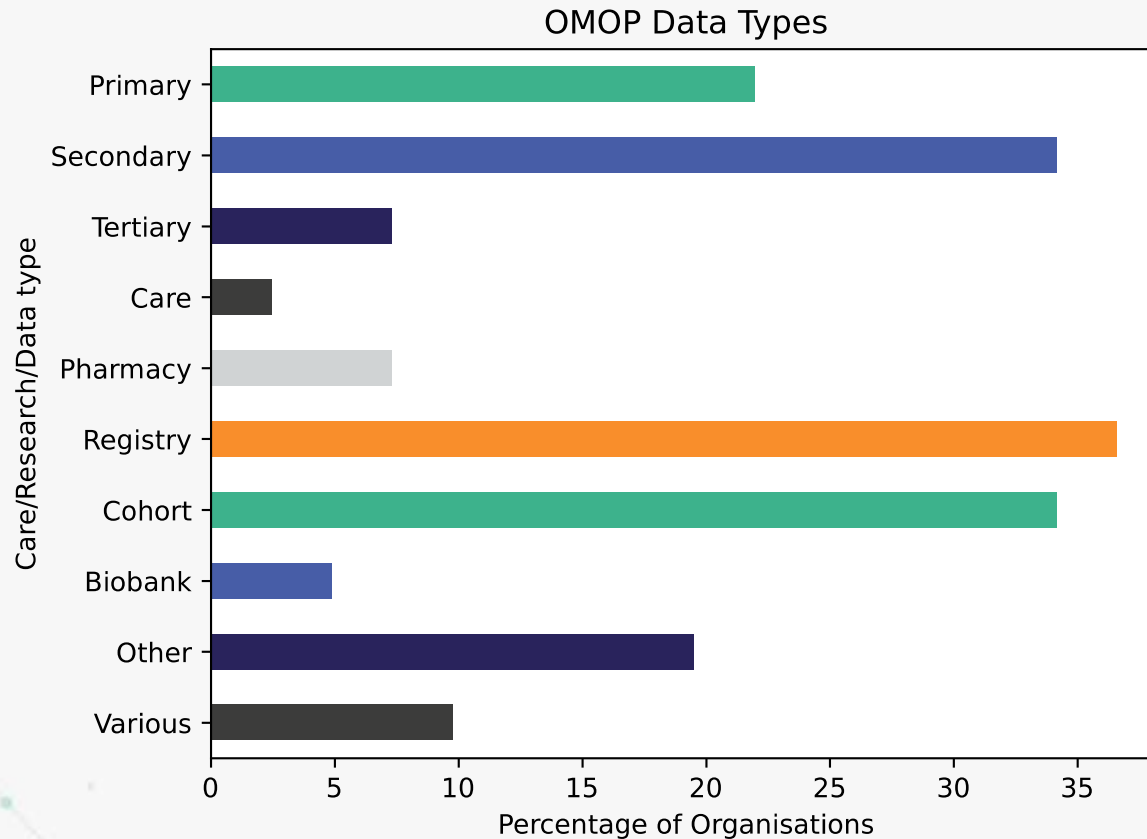
Developed the Health Data Research Innovation Gateway which acts as a single hub for metadata on UK data sets, (many in OMOP format).

# UK Data Custodians with OMOP Data Sets



- 42 organisations with
- 81 OMOP data assets  
(or mapping under way)

# Data Types of UK OMOP Data



Data types cover the full spectrum of routine care and research data types

## Conclusions:

- Significant momentum behind OMOP adoption in the UK
- Significant barriers and limitations remain

## Next steps include:

- Improve researcher/analyst skills and capabilities
- Identify use cases and priority research
- Agree a minimum viable OMOP dataset
- Work with national data collections and GP Data