3 YEARS OF EXPERIENCE

DARWIN EU®: Making health data count

DARWIN EU® (Data Analysis and Real-World Interrogation Network) generates real-world evidence (RWE) to support EMA committees and national regulators in the EU in making more data-driven decisions on medicines. RWE comes from the analysis of real-world data, health data collected in routine care settings. It complements data from clinical trials.

How do we use data for the benefit of patients?

Collecting data

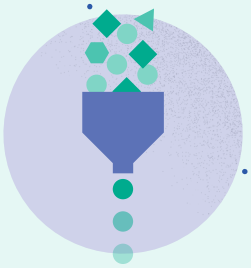
Doctors, pharmacists, researchers and other bodies collect data about patients' health and experience when delivering care. The data come in different formats.

Data partners

DARWIN EU® data partners hold or access data through hospitals, registries, insurance claims, biobanks and other sources.

Common data model

A common data model (OMOP) transforms all data into the same format to be analysed using the same analytical code.



Compiling reports

Experts use standardised analytical methods to produce study reports based on the data analysis.

Decision-making

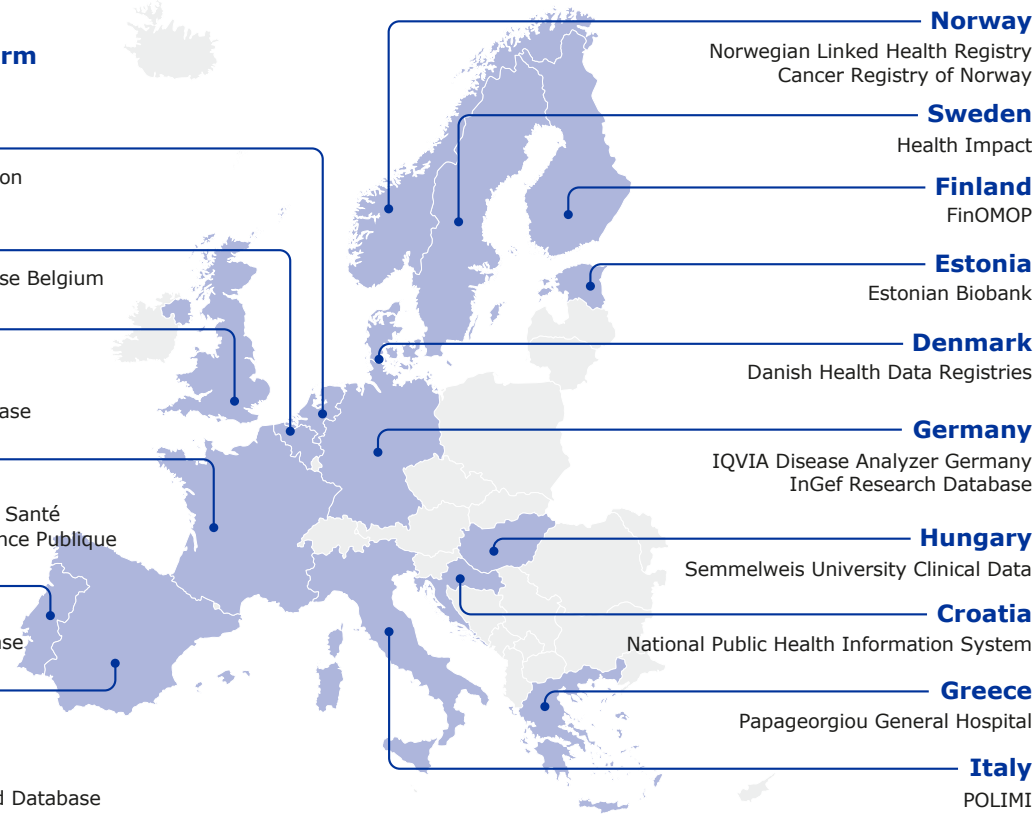
EMA committees and EU regulators use the RWE reports generated to complement other evidence when assessing medicines.

Data-driven regulation

More data-driven regulation will help to deliver safer and more effective medicines to patients.

How do we access data from across Europe?

Data partners (DPs) provide DARWIN EU® with anonymised data on patients. The use of the common data model and standardised analysis of the data, performed locally by the DPs, enables rapid conduct of studies.



International data platform
HARMONY Big Data Platform

The Netherlands
Integrated Primary Care Information
Netherlands Cancer Registry

Belgium
IQVIA Longitudinal Patient Database Belgium

United Kingdom
UK BioBank
Clinical Practice Research Datalink
National Neonatal Research Database

France
Bordeaux University Hospital
Système National des Données de Santé
Health Data Warehouse of Assistance Publique

Portugal
ULSM-RT
Egas Moniz Health Alliance DataBase

Spain
SIDIAP
BIFAP
IMASIS and IMIM
Valencia Health System Integrated Database
H12O
Health Data Research Platform of the Balearic Islands

Norway
Norwegian Linked Health Registry
Cancer Registry of Norway

Sweden
Health Impact

Finland
FinOMOP

Estonia
Estonian Biobank

Denmark
Danish Health Data Registries

Germany
IQVIA Disease Analyzer Germany
InGef Research Database

Hungary
Semmelweis University Clinical Data

Croatia
National Public Health Information System

Greece
Papageorgiou General Hospital

Italy
POLIMI

Key figures

Since 2022, 30 data partners have been onboarded. In 2025, additional 10 data partners will join the network.

Data partners

30 as of February 2025*

~40 by end of February 2026

* in 16 European countries

Access to data from
~160 million
patients in Europe, in 2025

~100
studies delivered
per year from 2025

DARWIN EU® webpage

Become a data partner

See studies