

# Why data quality matters in health research

Discover how QUANTUM helps build trustworthy health data across Europe

Reliable health data help improve research, develop better treatments, and support healthcare decisions across Europe.

## WHAT IS HEALTH DATA?

Health data are information related to health, such as:

- Diagnoses
- Test results
- Treatments
- Hospital stays
- Health registries
- Research data
- Digital health tools...



## UNLOCKING THE POTENTIAL OF HEALTH DATA

- \* Support research to improve treatments
- \* Guide better public health policy making and regulation
- \* Enable innovation in healthcare

This is called secondary use: reusing health data to advance research, innovation, and healthcare decisions.



## THE PROBLEM: DATA QUALITY VARIES ACROSS DATA SOURCES & DATA HOLDERS

- Missing or biased information
- Errors in records
- Inconsistencies over time
- Differences across hospitals and systems

**Low-quality data can limit research and produce unreliable results.**

## IMPACT FOR RESEARCH AND DECISION-MAKING

- More reliable evidence
- Better-informed healthcare decisions
- Improved planning and innovation
- Clear, consistent datasets across Europe

## THE QUANTUM LABEL

- Checks whether datasets meet quality standards
- Provides a clear, structured assessment of data quality
- Helps researchers choose reliable datasets
- Helps data holders improve dataset quality and usability
- Strengthens data holders' maturity in data quality management
- Paves the way for the implementation of the European Health Data Space



**Better data quality = stronger research and more accurate insights.**

**LEARN MORE!**

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