

EHR Data Quality and Integration

Key Insights from xShare's first data collection round, focussing on quality and integration of EHR data.³

EHR Data quality efforts seem to be more widespread than five years ago

- **82% of responding Member States** have established EHR data quality guidelines at national or regional level
- **76% of responding Member States** implement awareness raising efforts to enhance EHR data quality with stakeholders
- **65% of responding Member States** have initiatives in place to monitor EHR data quality

This represents a significant improvement compared to the results by the Study on Interoperability of Electronic Health Records in the EU (2020) where 36% of Member States audited clinical content of EHRs. While this is not exactly comparable to our results, it is reasonable to assume an upward trend.

Preparation for the European EHRxF

Most Digital Health Authorities of responding Member States have started preparing for the European EHRxF in many areas:

- **88% participate in European EHRxF-related EU projects**
- **76% have established working groups**
- **76% are involved in capacity-building activities**

This indicates a solid level of capacity building for the European EHRxF- though mostly related to organisational alignment (e.g. as opposed to national guidelines).

Citizen control of their health data sharing

- **88% of Member States inform citizens** about who accessed their data
- **82% enable citizens to restrict access** to their health data
- **76% provide rights to record rectification**

This indicates that many Member States basic functions regarding the rights of natural persons in relation to the primary use of their personal electronic health data- though not all and not for all aspects covered in EHDS articles 3-9.

³ Based on Survey with 38 replies from 17 Member States, status August 2025.

