

Health data: where to find it? How to access it?

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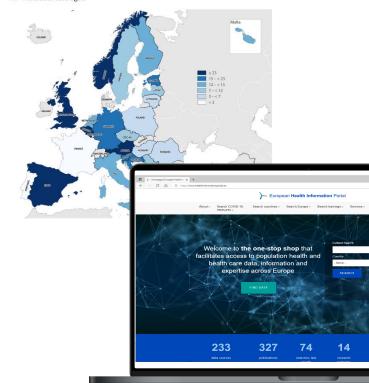
Health data: where to find it?



- Landscape analysis of health-related data: FAIRness levels and feasibility of linking individual level data
 - Survey and HealthyCloud FAIRness assessment tool
 - Collaboration with PHIRI Health Information Portal (>330 records)
 - Findings:

 - Heterogeneity of health data collections
 Findings supportive of individual data linkage: level individual data. pseudonymisation, unique personal identifier
 - Findings not supportive of linkage: lack of interoperability
 - Variable FAIRness level









Health data: where to find it?



- Guidelines to standardise metadata templates and assessment of FAIRness maturity levels
 - Recommendations for metadata template standardisation and guidelines for FAIRness maturity levels assessment
 - Descriptive metadata record template compatible with the DCAT-AP standard

Health data: how to access it?



Dedicated data infrastructures: **health** data hubs

- Analysis of data hub patterns of governance
- Current discoverability solutions and FAIR adoption level



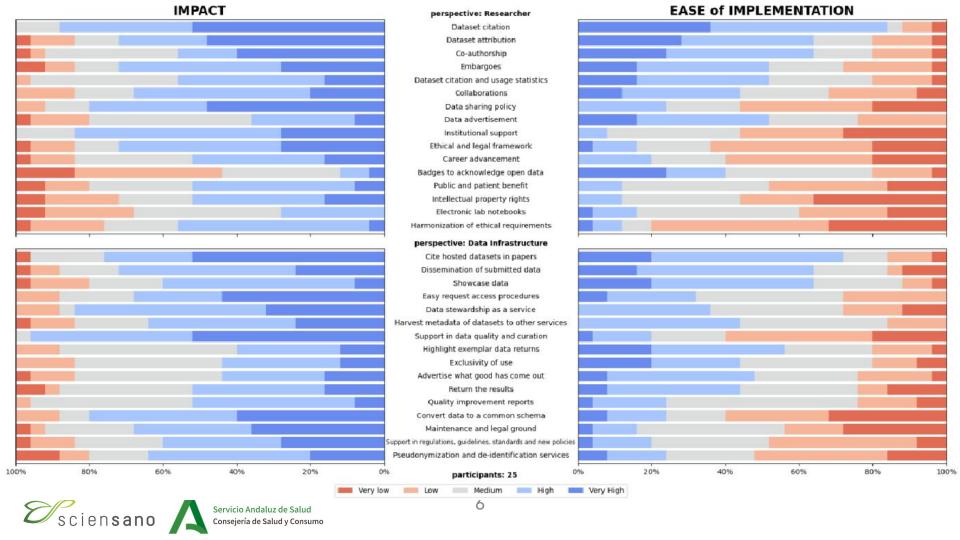


Health data: how to access it?



- Usage and auditing data hubs indicators and incentive system:
 - Measuring data usage and deposition in data infrastructures.
 - There are some incentives that could encourage data generators to share their data and data users to reuse data that is available in data hubs.
 - We have proposed that new HRIC shall recommend the use of common auditing systems and should advocate for active incentives.





Contribution to HRIC



- Health data availability, FAIRification and standardisation across Europe is essential for the future HRIC.
- Researchers need to know where to find diverse health-related data to be able to answer their research questions
 - ☐ Importance of interoperable metadata catalogues
- Gaps and needs remain in the practical application of the FAIR principles within health-related research and provided guidelines for FAIR metadata catalogues.
- The inclusion of data hubs with different data governance models $\mathcal{D}_{\text{scie}}$ across Europe is essential for the future HRIC.

Future directions



Role of Research Infrastructures (RIs) in the HRIC:

 Systematic involvement of research infrastructures to support researchers

- Need to achieve alignment on vision of HRIC and link between RIs/EOSC/EHDS
 - How to enable researchers to get the most out of the services and tools provided in the EHDS2 and EOSC





Thank you!