

Data Capabilities for Sexual Health Policy and Practice

Capability	Definition	Sub-capabilities	Core Questions
Access and Infrastructure	The degree to which useful data is generated or accessed, and the technical means to manage and make use of it	<ul style="list-style-type: none"> Collection methodology Availability for use Classifications and standards Systems and tools Interoperability of both internal and external platforms and systems 	<ul style="list-style-type: none"> What counts as sexual health data, and how is it generated and accessed? Are datasets siloed and difficult to access? Can the organisation access and use the data it generates? Is there an organisation-wide strategy for integrated data software systems? How well do different platforms (and their methods of data collection and abstraction) work together? How well do data technologies support organisational purpose?

Capability	Definition	Sub-capabilities	Core Questions
Skills	The ability to generate, read, appraise, analyse and use and present data responsibly to aid operations, evaluation and decision-making	<ul style="list-style-type: none"> Data wrangling (cleaning, editing, linking) Data and domain expertise Analysis (problem posing and solving) Communicating with data 	<ul style="list-style-type: none"> How do organisations and individuals understand and articulate their own data generation practices? How do organisations and individuals distinguish the difference between organisational data, and externally generated research evidence? How are informal or 'everyday' data practices recognised by individuals and organisations? How are roles and responsibility for the use of data allocated within the organisation? How is data expertise fostered and to what extent is this inclusive? What is the quality of data and the value of data analysis for decision making? How is data analysis communicated internally, with funders, clients and the wider community?

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Governance	Established processes of stewardship, leadership and accountability in the ethical creation and use of data for decision-making	<ul style="list-style-type: none"> • Use, re-use and sharing • Stewardship and management • Ethics and inclusivity (consent, incorporation of consumer perspectives and experiences within organisational data policies and practices) • Legality • Risk Management • Data breach 	<ul style="list-style-type: none"> • Who is accountable for datasets, and who has the authority to control access and use them? • Who takes responsibility for managing privacy and data security? • What are the guiding ethical principles for ethical decision-making around issues such as data sovereignty and stigma? • How are ethical issues identified and addressed? • How does the organisation make decisions around what data to store and how to store it? • How does lived experience inform decision-making around the collection, use and storage of data? • How are legal requirements and security monitored and implemented? • What processes are in place to prevent, monitor and respond to a data breach?