

Related articles and links

Further readings

1 What type of data are you making digital in what context?

- [Digital Health assessment toolkit guide](#)
- [Defining and assessing context in healthcare implementation studies: a systematic review](#)
- [Taking account of context in population health intervention research: guidance for producers, users and funders of research](#)

Further readings

2 What is the best route to make your data digital?

- Organization WH, Union IT. National eHealth strategy toolkit. International Telecommunication Union; 2012. 223 p. (<https://apps.who.int/iris/handle/10665/75211>)
- Zaki, M., Mcleay, F., Henneberg, FC., Heirati, N.: How to create a digitalisation strategy that works. 2021. DOI:10.13140/RG.2.2.28393.21602
- Chamorro-Premuzic T. The Essential Components of Digital Transformation [Internet]. 2021. Available from: <https://hbr.org/2021/11/the-essential-components-of-digital-transformation>
- Interoperability standards in digital health (https://www.cocir.org/fileadmin/Publications_2021/2021-10_COCIR_-_MTE_Interoperability_standards_in_digital_health.pdf)
- Powell BJ, Waltz TJ, Chinman MJ, Damschroder LJ, Smith JL, Matthieu MM, et al. A refined compilation of implementation strategies: results from the Expert Recommendations for Implementing Change (ERIC) project. *Implement Sci.* 2015 Feb 12;10(1):21.
- Shamba D, Day LT, Zaman SB, Sunny AK, Tarimo MN, Peven K, et al. Barriers and enablers to routine register data collection for newborns and mothers: EN-BIRTH multi-country validation study. *BMC Pregnancy Childbirth.* 2021 Mar 26;21(1):233.
- Unkels R, Alwy Al-Beity F, Julius Z, Mkumbo E, Pembe AB, Hanson C, et al. Understanding maternity care providers' use of data in Southern Tanzania. *BMJ Glob Health* [Internet]. 2023;8(1). Available from: <https://gh.bmj.com/content/8/1/e010937>
- Mehl G, Tunçalp Ö, Ratanaprayul N, Tamrat T, Barreix M, Lowrance D, et al. WHO SMART guidelines: optimising country-level use of guideline recommendations in the digital age. *Lancet Digit Health.* 2021 Apr 1;3(4):e213–6.
- Busza J, Lemma S, Janson A, Adem SO, Berhanu D, Defar A, et al. Strengthening routine health data analysis in Ethiopia: the Operational Research and Coaching for Analysts (ORCA) experience. *Glob Health Action.* 2021 Jan 1;14(1):1901390.

- Ayogebob Epizitone, “Framework to Develop a Resilient and Sustainable Integrated Information System for Health Care Applications: A Review” International Journal of Advanced Computer Science and Applications(IJACSA), 13(7), 2022.
<http://dx.doi.org/10.14569/IJACSA.2022.0130758>.
- World Health Organization. WHO Toolkit for Routine Health Information Systems Data.

Further readings

3 How do you make sure the data works and is futureproofed?

- World Health Organization. Data Quality Assurance (DQA). WHO (<https://www.who.int/data/data-collection-tools/health-service-data/data-quality-assurancedqa#:~:text=WHO%20has%20produced%20the%20Data,annual%20data%20quality%20desk%20review.>)
- MEASURE Evaluation. Data demand and use [Internet]. Available from: <https://www.measureevaluation.org/our-work/data-demand-and-use.html>
- Digitalization mechanisms of health management information systems in developing countries. Inf Organ. 2019 Mar 1;29(1):1–22.
(<https://www.sciencedirect.com/science/article/pii/S1471772717300933>)