

# PHIRI – WP8 Rapid Exchange Forum

Dr David Novillo Ortiz, WHO/EUROPE | Unit Head, Data, Metrics and Analytics

8 November 2021

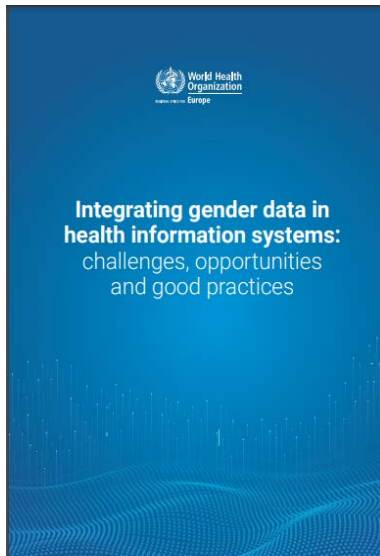




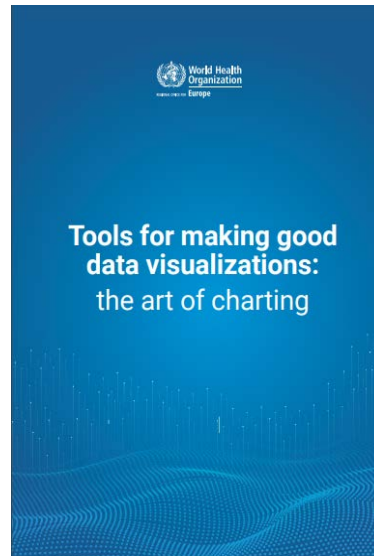
# Technical guidance



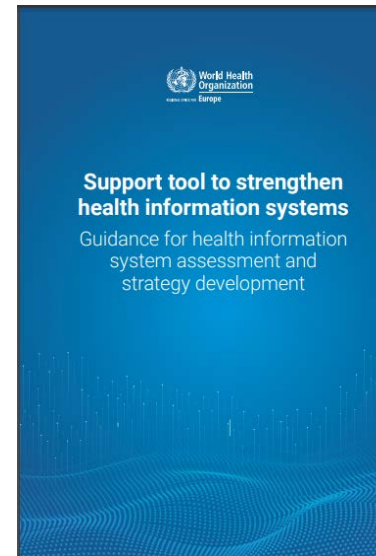
**HIS governance**



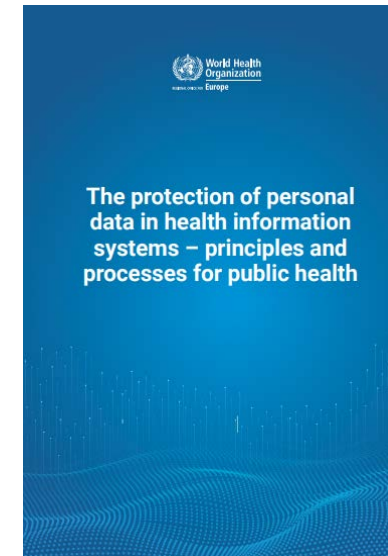
**Gender data**



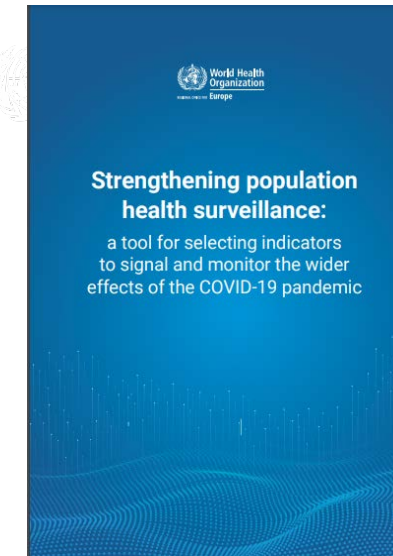
**Data visualizations**



**HIS assessment**



**Data protection**



**Surveillance**

# Scientific publications

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

CORRECTED PROOF

## A call to strengthen data in response to COVID-19 and beyond <sup>FREE</sup>

Natasha Azzopardi-Muscat, Hans Henri P Kluge, Samira Asma, David Novillo-Ortiz ✉

*Journal of the American Medical Informatics Association*, ocaa308,  
<https://doi.org/10.1093/jamia/ocaa308>

Published: 04 December 2020 Article history ▾

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### Abstract

The COVID-19 (coronavirus disease 2019) pandemic has underscored the critical need for all countries to strengthen their health data and information systems and ensure the routes the data travel, from submission to use, are unobstructed. Timely, credible, reliable, and actionable data are key to ensuring that political decisions are data driven and facilitate understanding, monitoring, and forecasting. To ensure that critical decisions related to the wider health and socioeconomic effects of this pandemic are data driven, each country needs to develop or enhance a national data governance plan that includes a clear coordination mechanism, well-defined and documented data processes (manual or electronic), the exchange of data, and a data culture to empower users. In addition, countries should now more than ever invest and enhance their data and health information systems to ensure that all decisions are data driven and that they are prepared for what is next.

“To develop or enhance a national data governance plan that includes a clear coordination mechanism, well-defined and documented data processes (manual or electronic), the exchange of data, and a data culture to empower users.”

Azzopardi-Muscat N, Kluge HHP, Asma S, Novillo-Ortiz D. **A call to strengthen data in response to COVID-19 and beyond.** *Journal of the American Medical Informatics Association*, 28(3), 2021, 638–639. doi: 10.1093/jamia/ocaa308. PMID: 33275146, <https://doi.org/10.1093/jamia/ocaa308>

# Scientific publications

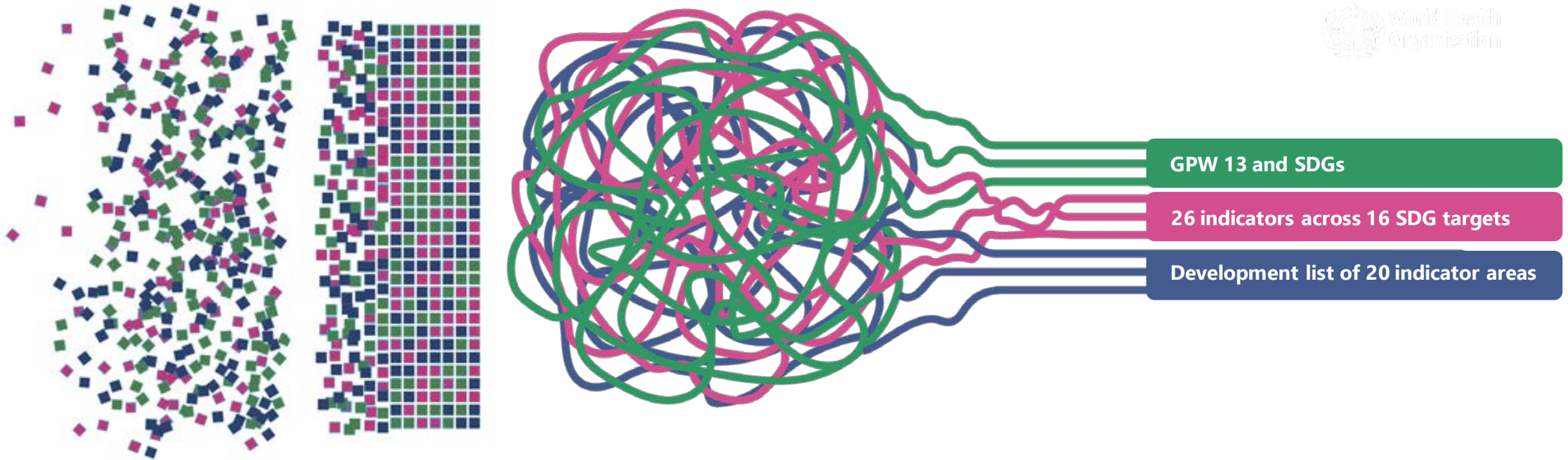
- **Health Information Systems in the COVID-19 Pandemic: A Short Survey of Experiences and Lessons Learned From the European Region.** Front. Public Health. 2021 9:676838. <https://pubmed.ncbi.nlm.nih.gov/34650946/>
- **Data and Digital Solutions to Support Surveillance Strategies in the Context of the COVID-19 Pandemic.** Front. Digit. Health. 2021 3:707902. <https://pubmed.ncbi.nlm.nih.gov/34713179/>
- **Technological progress in electronic health record system optimization: Systematic review of systematic literature reviews.** Int J Med Inform. 2021 Aug;152:104507. <https://pubmed.ncbi.nlm.nih.gov/34049051/>
- **Digital Data Sources and Their Impact on People's Health: A Systematic Review of Systematic Reviews.** Front Public Health. 2021 May 5;9:645260. <https://pubmed.ncbi.nlm.nih.gov/34026711/>
- **Routine Health Information Systems in the European Context: A Systematic Review of Systematic Reviews.** Int J Environ Res Public Health. 2021 Apr 27;18(9):4622. <https://pubmed.ncbi.nlm.nih.gov/33925384/>
- **Impact of Big Data Analytics on People's Health: Overview of Systematic Reviews and Recommendations for Future Studies.** J Med Internet Res. 2021 Apr 13;23(4):e27275. <https://pubmed.ncbi.nlm.nih.gov/33847586/>

# Capacity building

- **Training on COVID-19 Coding and Death Certification**
- **The Better Data for Better Health webinar series**
  - #4 Gender data – Thursday, 25 November 2021
  - #3 Data visualizations
  - #2 Data protection
  - #1 Monitoring the wider effects of the COVID-19 pandemic



# EPW Measurement Framework



# Thank you!

