



for **Health Data**
Technical Package

Essential Interventions



World Health
Organization



for **Health Data**
Technical Package

Essential Interventions

Made possible by funding from
Bloomberg Philanthropies



**World Health
Organization**

SCORE for Health Data Technical Package: Essential Interventions

ISBN 978-92-4-000983-7 (electronic version)

ISBN 978-92-4-000984-4 (print version)

© World Health Organization 2020

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; <https://creativecommons.org/licenses/by-nc-sa/3.0/igo>).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization (<http://www.wipo.int/amc/en/mediation/rules/>).

Suggested citation. SCORE for Health Data Technical Package: Essential Interventions. Geneva: World Health Organization; 2020. Licence: [CC BY-NC-SA 3.0 IGO](#).

Cataloguing-in-Publication (CIP) data. CIP data are available at <http://apps.who.int/iris>.

Sales, rights and licensing. To purchase WHO publications, see <http://apps.who.int/bookorders>. To submit requests for commercial use and queries on rights and licensing, see <http://www.who.int/about/licensing>.

Third-party materials. If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

General disclaimers. The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by WHO to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO be liable for damages arising from its use.

Photo credits: page iii WHO/ Monta Reinfelde; page vii WHO/ Andy Craggs; page xii WHO / Asad Zaidi; page 14 WHO / Blink Media - Gilliane Soupe; page 17 WHO / Rada Akbar; page 29 WHO / Lorenzo Pezzoli; page 51 WHO/ Sergey Volkov; page 59 WHO; page 69 WHO/ Sebastian Oliel; page 70 WHO/ Tania Habjouqa

SCORE logo by Artifex Creative Webnet Ltd (ACW). Design and layout by Café.art.br



Contents

Foreword	VI
Acknowledgements	VIII
Acronyms	X
INTRODUCTION	1
Appropriate and effective guidance is essential	5
WHO's <i>SCORE for Health Data Technical Package</i>	6
What the <i>SCORE for Health Data Technical Package</i> includes	10
<i>SCORE for Health Data Technical Package</i> and the COVID-19 response	12
SCORE INTERVENTIONS	15



SURVEY POPULATIONS AND HEALTH RISKS 18

System of regular population-based health surveys.....	20
Surveillance of public health threats.....	23
Regular population census.....	27



COUNT BIRTHS, DEATHS AND CAUSES OF DEATH 30

Full birth and death registration	32
Certification and reporting of causes of death.....	35



OPTIMIZE HEALTH SERVICE DATA 38

Routine facility and community reporting systems with patient monitoring.....	41
Regular system to monitor service availability, quality and effectiveness	45
Health service resources: health financing and health workforce	47



REVIEW PROGRESS AND PERFORMANCE 52

Regular analytical reviews of progress and performance, with equity	54
Institutional capacity for analysis and learning	57



ENABLE DATA USE FOR POLICY AND ACTION 60

Data and evidence drive policy and planning.....	62
Data access and sharing.....	64
Strong country-led governance of data.....	66

CONCLUSION 71

References 73

Annex 74

Foreword

More than at any time in human history, we live in a data-driven world. Digital technologies offer unprecedented opportunities to collect, analyse and use data to drive progress in many areas of life, including health.

Robust health data are vital to the work of WHO and the entire global health community – for monitoring national and subnational health priorities, for tracking progress towards the Sustainable Development Goals (SDGs) and the “triple billion” targets in WHO’s Thirteenth General Programme of Work, and for preventing, preparing for, responding to and recovering from pandemics such as COVID-19.

In all these areas, countries must be able to measure progress to make progress. But understanding how to harness the power of data for health – and the abundance of tools for collecting, analysing and processing it – can present a challenge for countries.

Countries require accurate information to make real-time decisions, yet even the most advanced health systems still experience shortfalls in human and technical resources – a challenge highlighted as never before by the demand for data during the COVID-19 pandemic.

That’s why WHO has developed the *SCORE for Health Data Technical Package*. It presents five strategies to help countries meet the challenges of data availability, collection, analysis, dissemination and use. The tools

to help countries to develop a modern, data-driven, results-oriented health information and policy culture to help meet this inevitably growing demand.

Improvements in the way data is collected and optimized using this package will also enable countries to address inequality, and guide countries to act by consolidating best practices using universally accepted data standards and tools.

Urgently addressing the challenges of obtaining timely, reliable and actionable data is paramount for strong health information systems today and for sustainable solutions in the future. It is our hope that countries can use this package to achieve this aim.

We would like to express our sincere gratitude to Bloomberg Philanthropies for funding this truly collaborative work and to everyone who played a role in bringing SCORE to fruition.

SCORE is just one dimension of WHO’s commitment to strengthening health data. As part of our organization-wide transformation, WHO has created a new division of Data, Analytics and Delivery for Impact to harmonize and streamline our data work as we continue in our mission to promote health, keep the world safe, and serve the vulnerable.



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_24424

