

hsr 2022
SEVENTH GLOBAL SYMPOSIUM ON HEALTH SYSTEMS RESEARCH
SÉPTIMO SIMPOSIO MUNDIAL SOBRE INVESTIGACIÓN EN SISTEMAS DE SALUD

Strengthening implementation of home-based records for Primary Health Care

2-NOV 2022 11:00-12:30 Agora conference Center Room L, Bogota & Hybrid



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SEVENTH GLOBAL
SYMPOSIUM ON
HEALTH SYSTEMS RESEARCH

SÉPTIMO SIMPOSIO
MUNDIAL SOBRE
INVESTIGACIÓN EN
SISTEMAS DE SALUD

Seventh Global Symposium on Health Systems Research

Organized session:

Strengthening implementation of home-based records for Primary Health Care

Challenges in implementation of home-based records for maternal, newborn and child health- opportunities for Primary Health Care

Keiko Osaki

Japan International Cooperation Agency



Home-based records implementation needs to be strengthened

Voices from fields across regions → Global Reviews → Guidelines → Implementation Guide

2016 PRIORITY SETTING

Best Buy!! Mother and Child Health Handbook toward UHC and Women's Empowerment
 27th January, 2016, Bangkok Country Reports

Round Table Discussion
 Moderator: JICA (HQ)
 Comments: WHO (Thailand), WHO SEARO TAG member (Thailand), UNFPA (Asia & the Pacific)

Continuum of Care
Universal Health Coverage

MOH Handbook was defined as a locally adapted tool.
 Values: Outcome+ Process (Empower, Education, Accountability, Demand creation), No one left behind, Emotional effect to make mothers happy
 Rationale is clear, Barriers needs to be addressed
 Minimum contents and effective operation is needed.



hsr2016
 Fourth Global Symposium on Health Systems Research

4th Global symposium on Health System Research 2016
 Satellite Session #37

15:00-17:00, 15 November 2016,
 Meeting Room 13,
 The Vancouver Convention Centre,
 Vancouver, Canada

Operation efficiency

WOMEN DELIVER
 4th Global Conference
 16-19 May 2016 | Copenhagen, Denmark
 #WD2016

Empowerment through Maternal and Child Health Handbook

Speakers
 Palestinian MOH
 UNRWA (HQ)
 Vietnamese MOH
 Ghanaian MOH

Commentators
 PMNCH (Executive Director, HQ)
 Palestinian FP & Protection Association (Executive Director, HQ)
 UNFPA (RH Program Analyst, Myanmar)
 UNICEF (Deputy Director Health, HQ)
 WHO (Director, Dept. MNCA Health, HQ)

Empowerment

The 72nd World Health Assembly Official Side Event 2019

- Official announcement by DG on the WHO recommendations on home-based records
- Official side event co-hosted by Indonesia, Philippines, Kenya, Laos, Afghanistan, Myanmar...and JICA from Japan

Moderator
Anshu Banerjee
 Director, Maternal, Newborn and Child Health Department, WHO, Geneva, Switzerland

Speakers

- Kohji Otsu**, Senior Advisor on Health, Korea International Cooperation Agency, Tokyo, Japan
- Colleen Fitzh**, Head of the National Vaccines and Immunization Program, Ministry of Health, Nairobi, Kenya
- Jayati Prasad**, Principal Advisor, Health Programme Division, UNICEF, New York, USA
- Indira Purnomo**, Researcher, National Institute of Health Research and Development, Ministry of Health, Jakarta, Indonesia
- Shigehisa Hama**, Professor, School of Tropical Medicine and Global Health, Nagasaki University, Nagasaki, Japan

The 10th International Conference on Maternal and Child Health Handbook

23th November, 2016
 U Thant International Conference Hall,
 United Nations University, Tokyo

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Major development partners should jointly respect and support direction, decision and ownership of countries in relation to integrated HBRs. When a country has decided to employ an integrate HBR and request for technical assistance, four development partners (WHO, UNICEF, UNFPA and JICA) should be able to agree to provide their collective support with monolithic solidarity.



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PART 1

Challenges in home-based record implementations:

8 success factors

PART 2

Need for solutions:

3 types of necessary actions

Challenge 1-4 Implementation challenges

Based on discussions by Knowledge Sharing Program(KSP) 2022 participants (1)

1



High level support

- The contribution of the State budget to financing of the Health sector appears relatively weak (MDG).
- There is a need to advocate to gov. to develop MCH Act (Lao).

2

Coordination



- There are demands to learn how other countries conduct cross-program coordination for MNCH (CAM, KEN, LAO), between private and public facilities(Lao), and from home to hospital (LAO).

3



Contents

- The MCH Handbook (pink book) needs to be in the appropriate language for ethnic groups(THI).

4

Printing and distribution

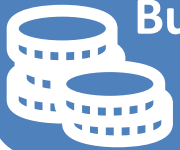


- Sometimes lack of inventory management of the MCH Handbook to avoid stockout (MGC).
- Delayed transportation of MCH handbook to peripheral levels (Lao).

Challenge 5-8 Implementation challenges

Based on discussion by Knowledge Sharing Program(KSP) 2022 participants (2)

5



Budget and funding

- The ministry of health perceives other projects as priorities and prefers to allocate funding to those, compared to home-based records (TL, KNY, CAM).

6

Valued by
health workers



- Many health workers do not have sufficient understanding of value of home-based record, and do not know how to use it to initiate consultation with women/parents/caregivers (TL).

7



Valued by
women/parents/caregivers

- Ethnic women had less awareness in term of hard to understand their ethnic languages (LAO).
- Women/parents/caregivers, who visit facility Y, frequently lose their cards(MDG).

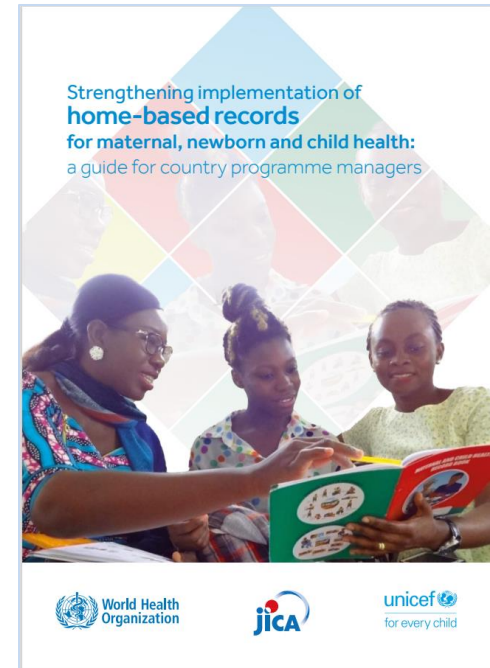
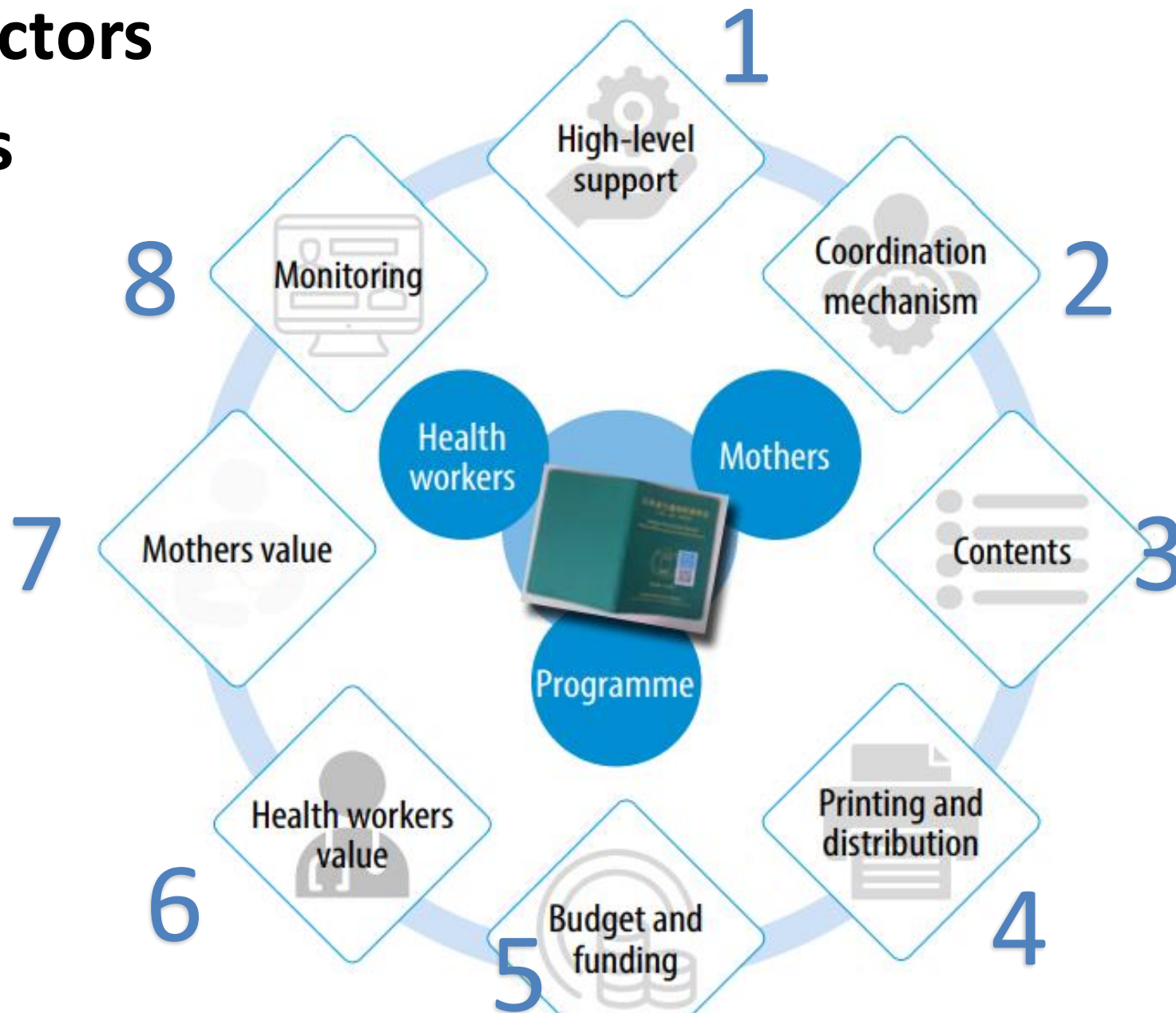
8

Monitoring



- The effective implementation of MCH Handbook requires continuous internal and external monitoring (TJK), and capacity of monitoring and evaluation needs to be strengthened (CAM, LAO).

8 success factors
8 challenges



to achieve optimal use and performance of the home-based record



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Challenges in home-based record implementations:

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3 types of necessary actions

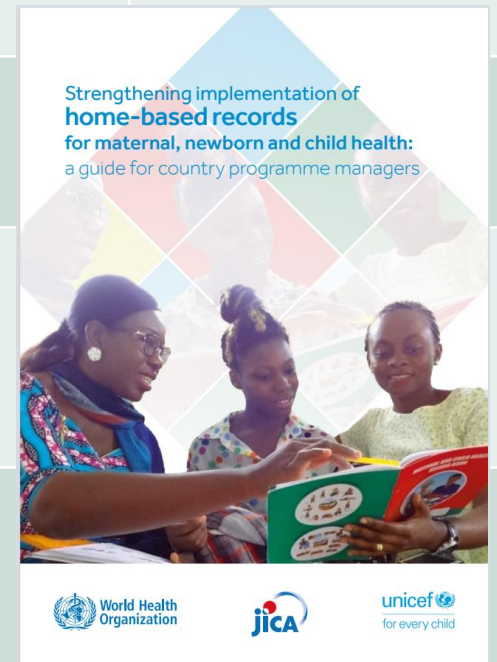
Solution 1 Assess performance of operational support processes

Template: Self assessment of operational support processes by KSP 2022 participants (1)

Operational support processes	Level (national/ subnational / facility)	Assessment (H, M, L)*	Enabler (+)	Barrier (-)	Responsible core team member or stakeholder	Observations/ insights (optional)
Budget and financing	National	L	External funders provide funding to help sustain the home-based record.	The ministry of health perceives other projects as more important and prefers to allocate funding to those, compared to home-based records.	Ministry of health, in collaboration with external donor	MoH allocate a fixed budget line annually
Printing						
Distribution and Stock management						
Building awareness and promoting use						
Capacity building and supportive supervision						

Timor Leste case

* H: high performance; M: medium performance; L: low performance



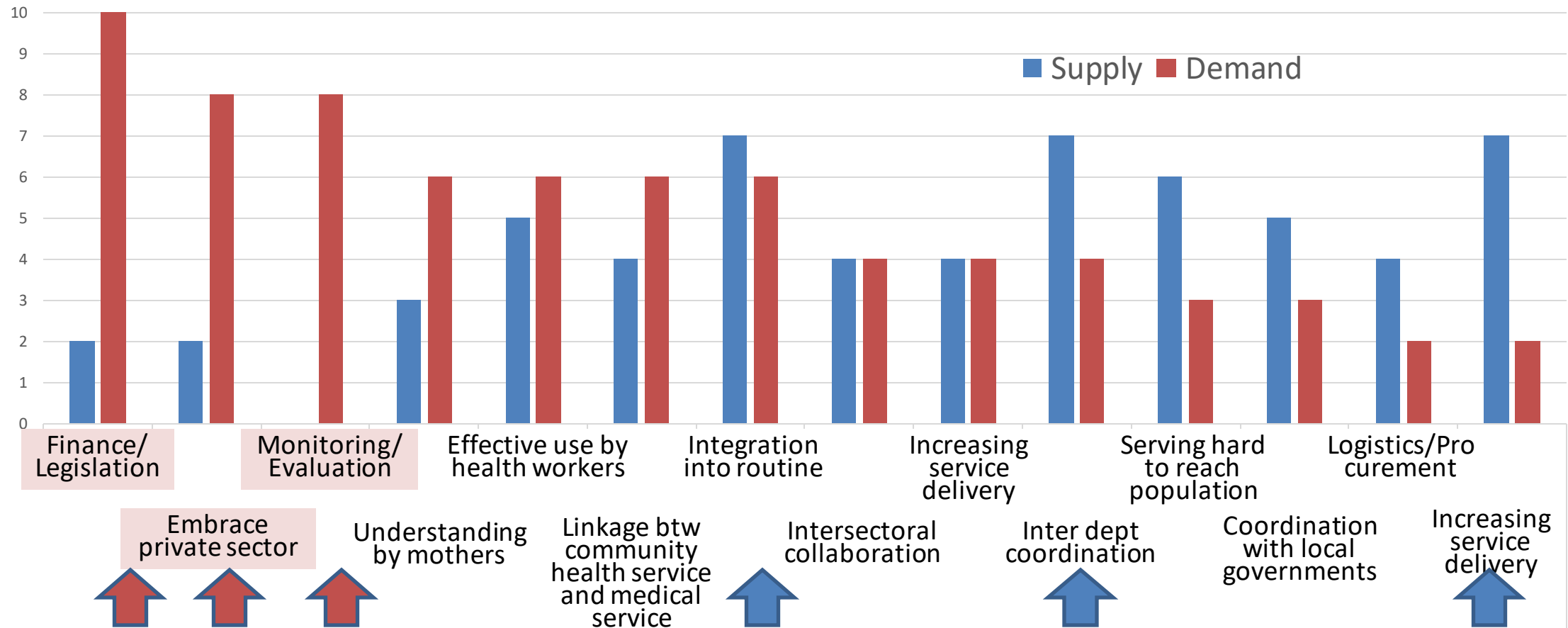
Template: Self assessment of operational support processes by KSP 2022 participants (2)

Operational support processes	Cambodia	Kenya	Laos	Madagascar	Tajikistan	Timor Leste
Budget and financing	<i>National</i>	<i>National/Sub national</i>	<i>National</i>	<i>National/Subnational</i>	<i>Regional (in some implementing regions)</i>	<i>National</i>
Printing	<i>National</i>	<i>National/Subnational</i>	<i>National</i>	<i>National</i>	<i>Regional (in some implementing regions)</i>	<i>Regional</i>
Distribution and Stock management	<i>National</i>	<i>National /Subnational</i>	<i>Local</i>	<i>Local</i>	<i>Local</i>	<i>SAMES and SAMES Regional</i>
Building awareness and promoting use	<i>National</i>	<i>National/Subnational /facility</i>	<i>National</i>	<i>National</i>	<i>National</i>	<i>National</i>
Capacity building and supportive supervision	<i>National</i>	<i>National /Subnational/ Facility</i>	<i>National</i>	<i>National/Regional</i>	<i>National</i>	<i>Local</i>
<i>Green: high performance; Yellow: medium performance; Red: low performance</i>						

Solution 2 Learn from good practices

Demand and supply of good practices of MCH Handbook operation

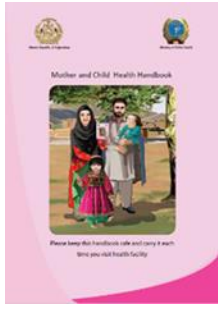
Based on an International Symposium 2016 attendants from 17 MOHs having national/pilot versions of MCH Handbooks in Asia, Africa and Middle East



Solution 2

Learn from good practices

A country reviewed other countries' experiences to plan



Afghanistan @ TCTP 2016

25 MCHHB were Reviewed:

- Content;
- # of pages;
- Proportion of text;
- Proportion of illustrations;
- Proportion of records



Table 1. Proportion of pages of messages and records

Proportion (%)	Reviewed MCH Handbook	
	Messages	Record
Up to 25%	4	1
26 - 50%	9	6
51 - 75%	5	8
76 - 100%	1	4
Total	19	19

	Findings by Afghan team
Pilot	All (9/9 countries) conducted a pilot implementation of MCH Handbook in prior to the nation-wide scaling up.
Operation	The distribution points of the MCH Handbook were strategically predetermined. <ul style="list-style-type: none"> • Midwives/nurses (4/9 countries), with cadres (5/9) • Both primary health care centers and hospitals (7/9). All (9/9) have operation guideline and training package.
Awareness raising	Socializing of MCH Handbooks at the community level is worth investing
Funding	In 8/9 countries, MOH printed MCH handbook (50-100% contribution).
Update	MCH handbook revision interval was 3 years (average).

<http://www.rmncah.moph.gov.af/w-p-content/uploads/2017/07/MCH-Handbook-Assessment.pdf>

Thank you, Afghanistan's team

Name (if possible): [Redacted]

Name of your country: **KIRGHIZIA** (lower case)

email address: [Redacted]

1	When did you start MCH Handbook (MCH HB) implementation in your country? (year)	2010
2	When did you complete/launch national version of MCH HB in your country? (year)	13/4/2010
3	How many provinces/districts your country have?	13 provinces
4	Did you pilot MCH HB before scaling up national wide?	YES
5	In how many provinces/districts you piloted MCH HB?	0110 PERV
6	Is the MCH HB is scaled up national wide/in all provinces or districts?	YES
7	How long it take to scale up national wide? (year)	0 NIE 40-
8	How often you have revised MCH hand book since scaling up national wide?	5 YEARS
9	How many pages your MCH HB contains?	34 PAGES
10	How much is the portion of information and records in your MCH HB? (%)	95%
11	By whom the MCH HB is distributing? (type of health provider)	NURSES
12	At where the MCH HB is distributed? (name all types of health facilities)	EPI DISTRICT STOPS
13	Are you using operational/technical guideline for health providers?	Yes

Rapid assessment with 9 MOHs:

- Implementation process
- Advice to Afghanistan



A small scale piloting with a carefully designed MCH Handbook will be an appropriate and key entry point. Lesson learned and recommendations of well-experienced countries were considered and reflected in the MCH Handbook for piloting.

Solution 3 Keep implementation monitored



<https://www.who.int/data/gho/data/indicators/indicator-details/GHO/gho-immunization-vaccination-cards-seen>



Home Health Topics ▾ Countries ▾ Newsroom ▾

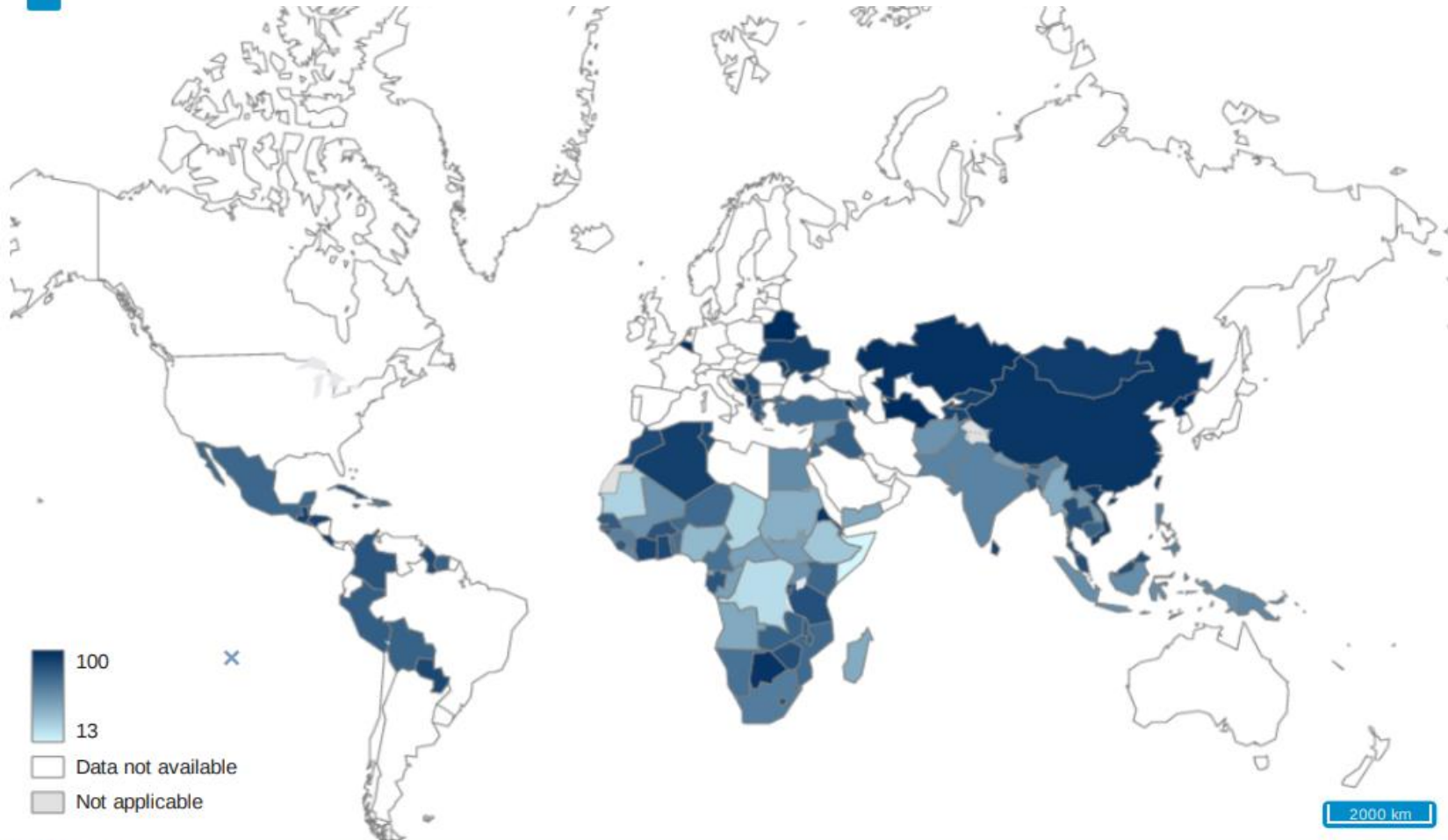
THE GLOBAL HEALTH OBSERVATORY
Explore a world of health data

GHO Home Indicators Countries Data API ▾ Map Gallery

World Health Data Platform / GHO / Indicators

Proportion of vaccination cards seen (%) (Immunization)

Appears in: [Immunization coverage estimates](#)



Disclaimer



National/subnational HBRs ownership are being monitored for child immunization.

Solution 3 Keep implementation monitored



Health Topics

Countries

All data

Dashboard

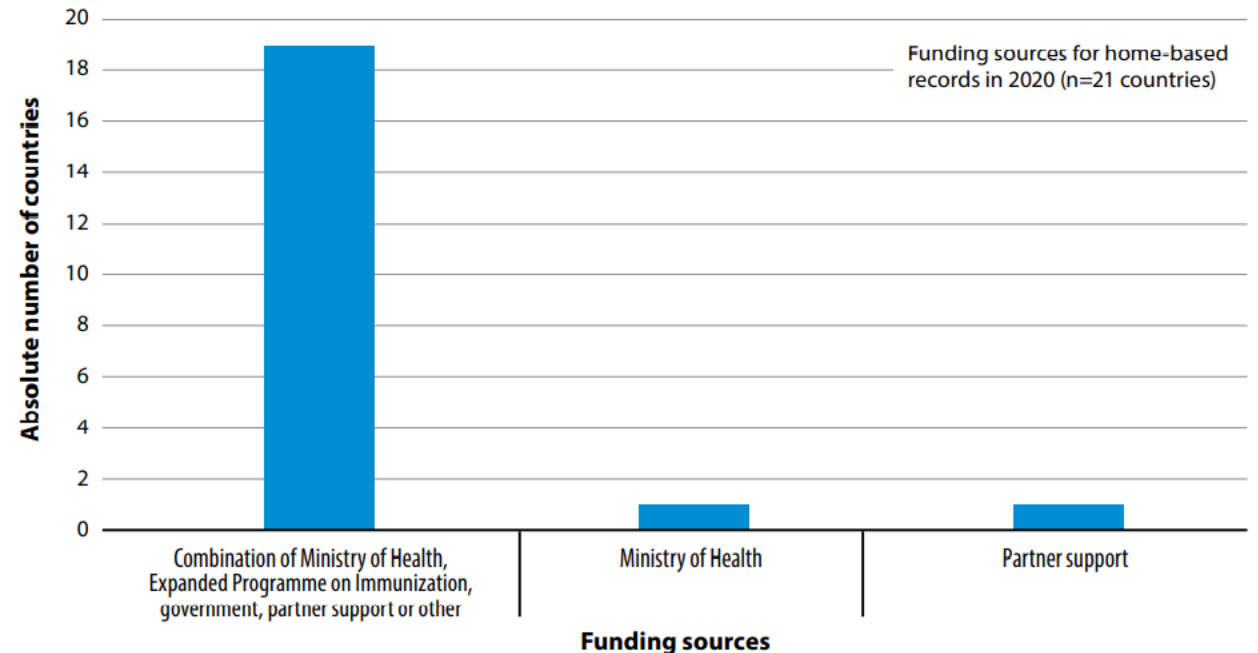
Compare

Home-based records

Country-specific home-based vaccination records data help to monitor infor records and serve as an indicator that countries are moving towards streng through implementation of the WHO guidance and recommendations. Thes the WHO/UNICEF Joint Reporting Form on Immunization (JRF). Country d: received.

1. Type of HBR
2. The organization/institution that financed the HBR
3. The organization/institution that printed the HBR
4. HBR stock-out status
5. Reason for stock-out

Fig. 4. Results of the 2020 WHO–UNICEF Joint Reporting Form indicated that many countries shared costs for home-based records between the government and external partners



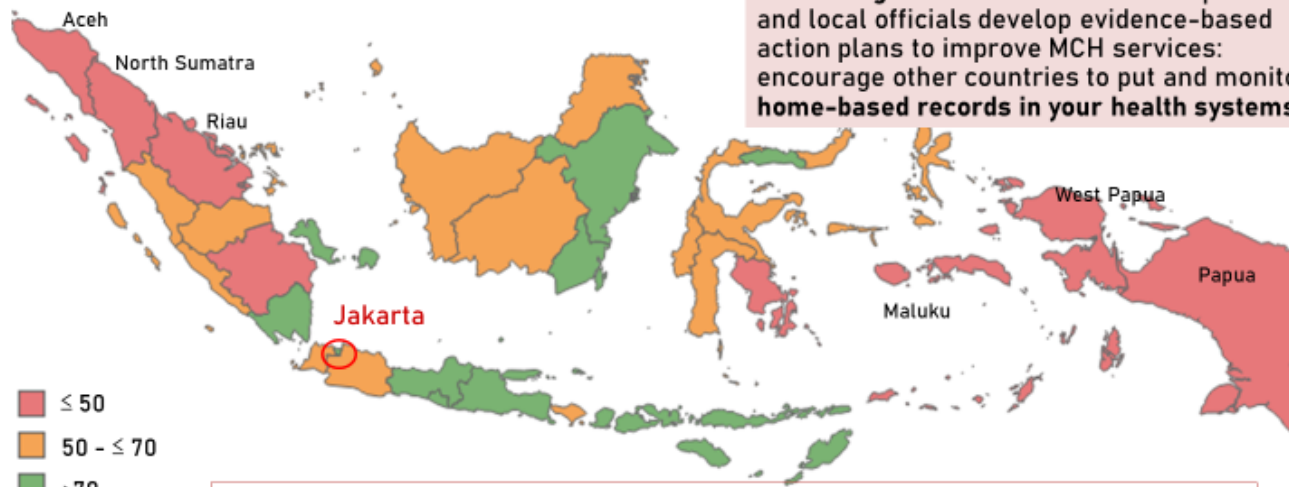
https://immunizationdata.who.int/pages/indicators-by-category/home_based_records.html?ISO_3_CODE=&YEAR=

Challenge in the implementation of HBR: Disparities between provinces

Modified from Suparmi et al 2020 @ 6th GHSR symposium

Percentage of children 0-59 months who have MCH Handbook

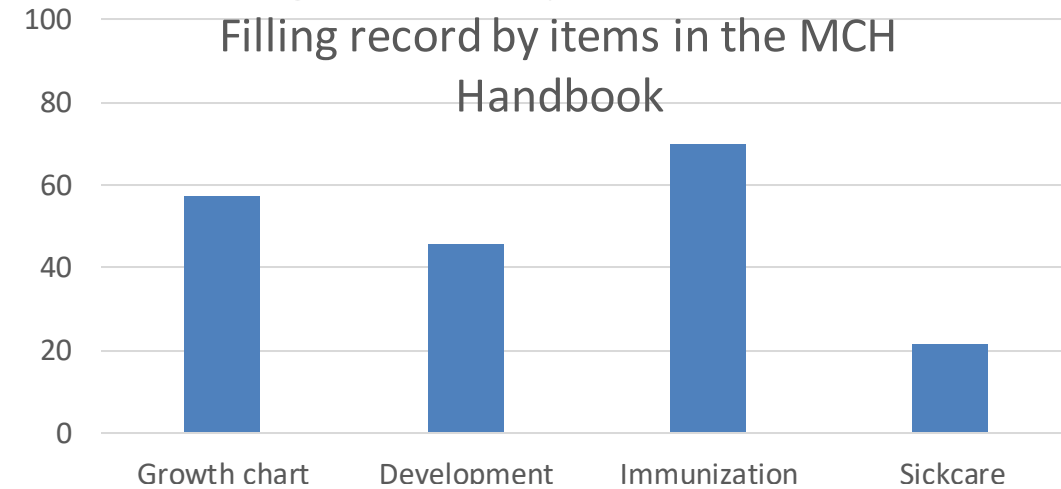
Monitoring of MCH handbook will help central and local officials develop evidence-based action plans to improve MCH services: encourage other countries to put and monitor **home-based records in your health systems**



Distribution issue:
Provinces in the extremity western and eastern area tend to have low coverage

14

Challenges in the implementation of HBR: Filling record by items in the MCH Handbook



Source: Indonesia Basic Health Survey RISKESDAS 2018

Some countries have data on home-based record implementation beyond immunization in their national household surveys.

Solution 3 Keep implementation monitored

But, national/subnational data on HBRs implementation is not enough

	Data level			Points of ownership						
	National	Sub-national		Pregnancy	Birth weight	Birth registration	Newborn /PNC	Child vaccination	Child growth monitoring	Child Development
		Province	District							
Kenya DHS 2014	√	√			√			√		
Burundi DHS 2016-7	√	√		√		√		√		
Senegal DHS 2019	√	√			√			√		
Timor Leste DHS 2016	√	√			√			√		
Indonesia DHS 2017	√	√		√	√			√		
Indonesia Basic Health Survey RISKESDAS 2018	√	√	√	√	√	√	√	√	√	√
Tajikistan DHS 2017	√	√			√			√		

Countries need national/subnational HBRs ownership data for monitoring of its implementation for child immunization, and beyond. Some countries add variables to DHS/MICs to accommodate such needs.



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- 1) Common challenges in home-based record implementations indicated us what to do for success in implementation of home-based record.
- 2) To address challenges, assess implementation, learn from good practices, and keep monitoring.
Implementation data is increasing, but DHS/MICS and researchers may be able to contribute more on data availability and analysis on home-based record implementation for PHC.



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Thank you for your attention.

Any queries:

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