

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



Indonesia Experiences on Strengthening Maternal and Child Health (MCH) Handbook Implementation as Home Based Record in Primary Health Care

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Ministry of Health of Republic of Indonesia



The 7th Global Health System Research
2nd November 2022

MCH HAND BOOK DEVELOPMENT IN INDONESIA 1993-2022

STRENGTHENING PHASE III

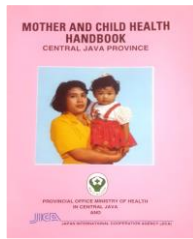
STRENGTHENING PHASE II

STRENGTHENING PHASE I



Before 1994
Separated cards and leaflet to record MCH services

PILOT PHASE



1994

MCH-HB pilot project version in Salatiga, Central Java



1997 - 2003

several version of MCH-HB initiated by province



2004 - 2006

National version Minister decree number 284 in year 2004



2009

- First revised
- Commitment of professional organization and hospital association
 - Additional recording for ANC
 - More colorful



2015

- Second revised
- Child's age range is expanded to 6 year
 - Additional WHO growth chart
 - Additional information of disability, child abuse



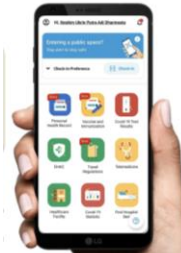
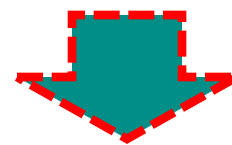
2020

- Third revised
- Updating information and recording of ANC
 - Updating checklist of the child development detection



2020-2023

Digitalization



Citizen Health App
PEDULI LINDUNGI

PILOT PHASE

NATIONAL AND SUBNATIONAL COMMITMENT TO IMPROVE UTILIZATION OF MCH HANDBOOK



Minister of Health
Republic of Indonesia

Ministerial Decree, RI No.284/ 2004 on the Maternal and Child Health handbook

- The responsibility of its **care** is on community people.
- The **only recording tool** for MCH services that belongs to pregnant women and children under five of age.
- **Procurement and distribution** of the MCH HB is the responsibility of the local government. Professional organizations, NGOs, and a private sector shall support it.
- The responsibility of its **utilization** is on health personnel.

1

Professional and private
sector engagement

2

National and sub-national
responsibility
Minimum services standard ,
intersectoral support

3

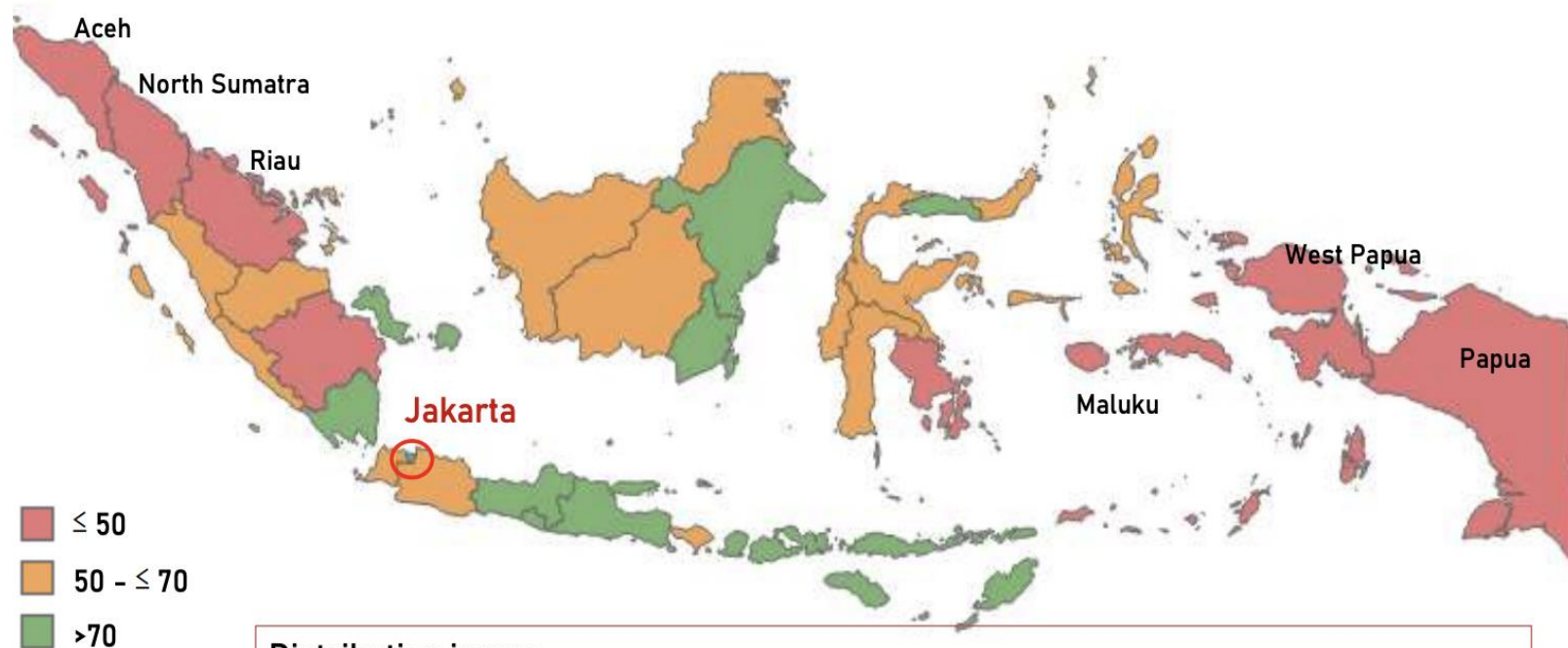
Family and community
empowerment

OWNERSHIP OF MCH HANDBOOK

Basic Health Research 2010 - 2018

Challenge in the implementation HBR: Disparities between provinces

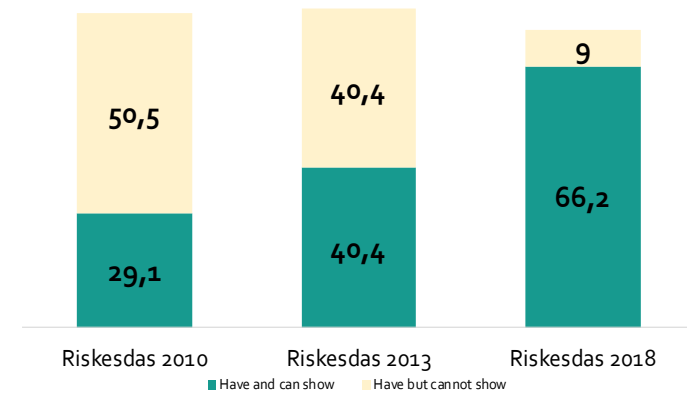
Percentage of children 0-59 months who have MCH Handbook



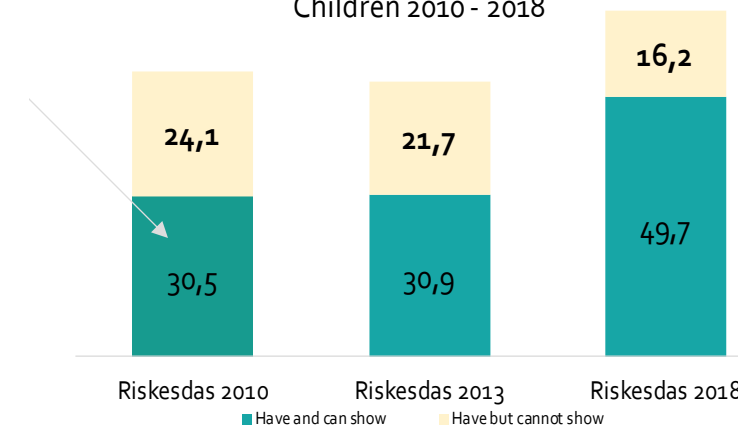
Distribution issue:
Provinces in the extremity western and eastern area tend to have low coverage

8

Ownership of MCH Handbook – Pregnant Mothers 2010 - 2018

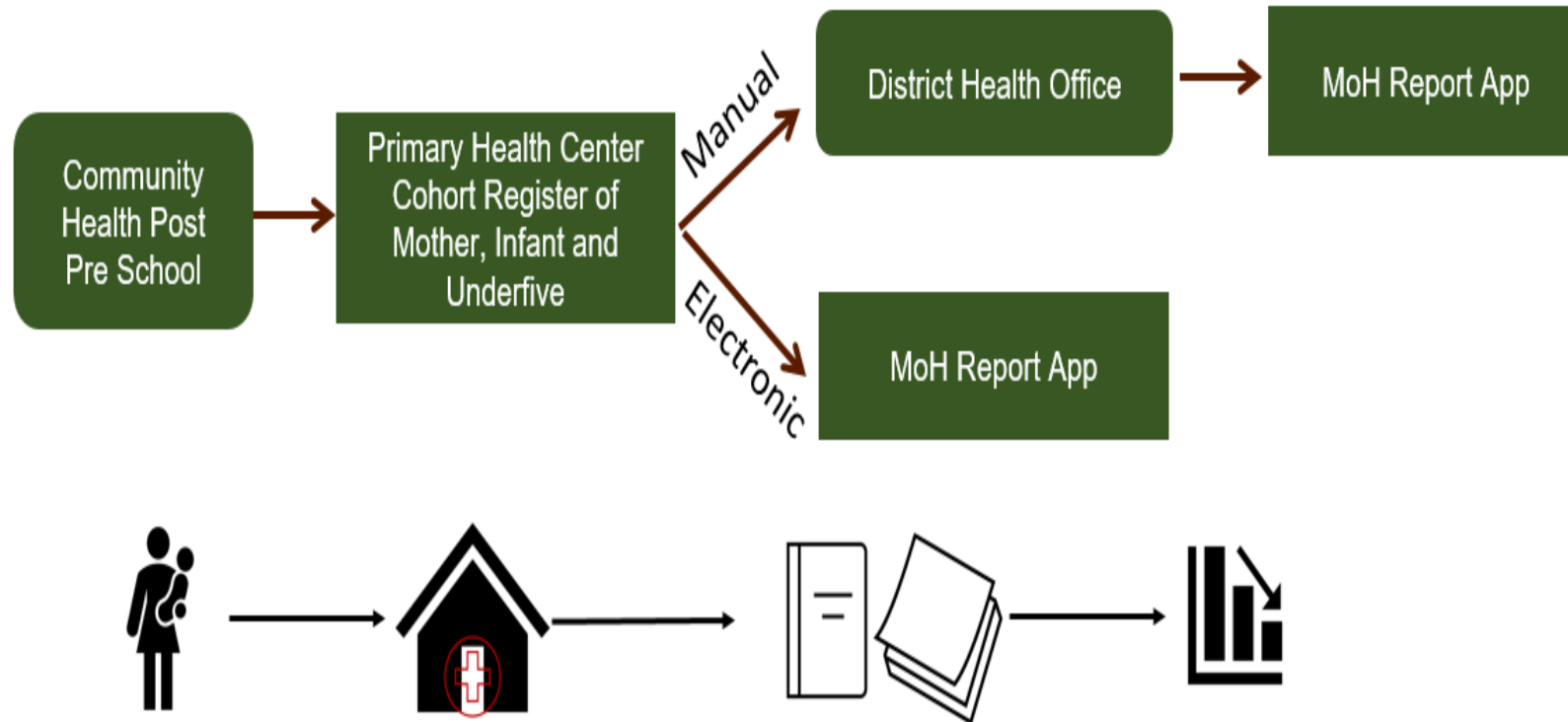


Ownership of MCH Handbook – Underfive Children 2010 - 2018



MONITORING AND EVALUATION OF THE MCH HB IMPLEMENTATION: ROUTINE REPORT & SURVEY

ROUTINE REPORT



REGULAR SURVEY



QUESTIONNAIRE OF BASIC HEALTH RESEARCH

Tabel 10.3.2
Proporsi Kepemilikan Buku KIA pada Anak Umur 0-59 Bulan menurut Karakteristik, Riskeddas 2018

Karakteristik	Kepemilikan Buku KIA (%)				N Tertimbang
	Mamili		Tidak Mamili		
	dapat menunjukkan	tidak dapat menunjukkan	Pernah mamili	Tidak pernah mamili	
Kelompok umur (bulan)					
0-5	73,8	11,8	3,2	11,1	8.908
6-11	70,9	12,6	6,8	9,8	9.757
12-23	61,5	15,3	12,8	10,4	18.333
24-35	46,7	17,0	23,2	13,0	19.112
36-47	38,4	17,4	31,9	12,3	18.821
48-59	30,1	18,9	38,6	12,4	18.888
Jenis kelamin					
Laki-laki	49,9	16,0	22,4	11,7	47.764
Pemempuan	49,5	16,4	22,4	11,7	45.656
Pendidikan KRT					
Tidak belum pernah sekolah	49,5	15,9	20,2	15,5	3.855
Tidak tamat SD/MI	51,9	15,4	20,8	11,9	11.148
Tamat SD/MI	52,6	16,0	20,7	10,7	24.131
Tamat SLTP/MTS	52,1	16,1	21,8	10,1	17.656
Tamat SLTAMA	47,9	16,3	24,3	11,4	27.939
Tamat D/2/2/3/PT	40,2	17,7	25,2	16,9	8.888
Pekerjaan KRT					
Tidak bekerja	51,1	15,5	22,0	11,4	6.378
Seolah	42,8	12,8	35,1	14,3	194
PN/ST N/Poin/BLUM/BLUMD	41,1	18,1	27,1	13,7	4.542
Pegawai swasta	49,5	15,6	22,3	12,6	13.486
Wiraswasta	49,8	15,9	24,3	11,1	21.185
Petani/kunah tani	49,8	18,1	19,5	12,6	24.382
Nelejan	44,4	15,7	23,7	16,2	1.966
Buruh/pelembantu rta	53,9	14,1	22,5	9,4	16.707
Lainny	48,0	16,1	23,6	12,3	4.778
Tempat tinggal					
Perkotaan	49,4	15,0	23,7	11,9	50.361
Perdesaan	50,0	17,6	20,8	11,5	43.259

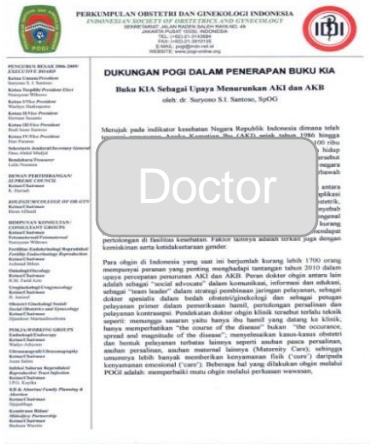
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HOW WE ENGAGED PROFESSIONAL ORGANIZATION AND HEALTH FACILITY ASSOCIATION

1) Professional organizations issued circulation letters to their members in supporting the Ministerial Decree.

Ministerial Decree, RI No.284/ 2004 on the Maternal and Child Health handbook

- The responsibility of its care is on community people.
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Midwife

Doctor

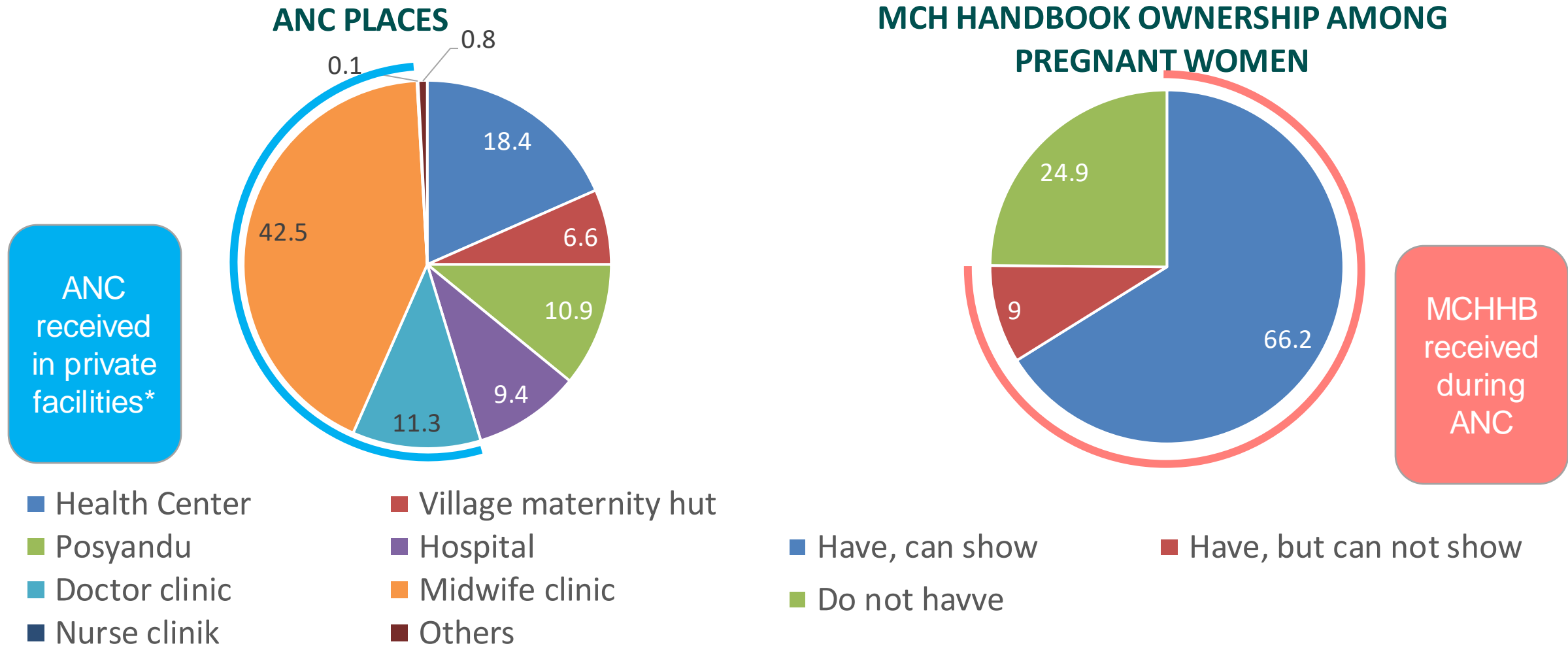
2) Directorates to support the Ministerial Decree

No. 666/Menkes/SK/ VI/2007 (Basic Medical Services)
No. 938/Menkes/SK/ VIII/2007 (Midwifery)

3) Ask input to increase their ownership and to commit to increase utilization of the MCH handbook by their members



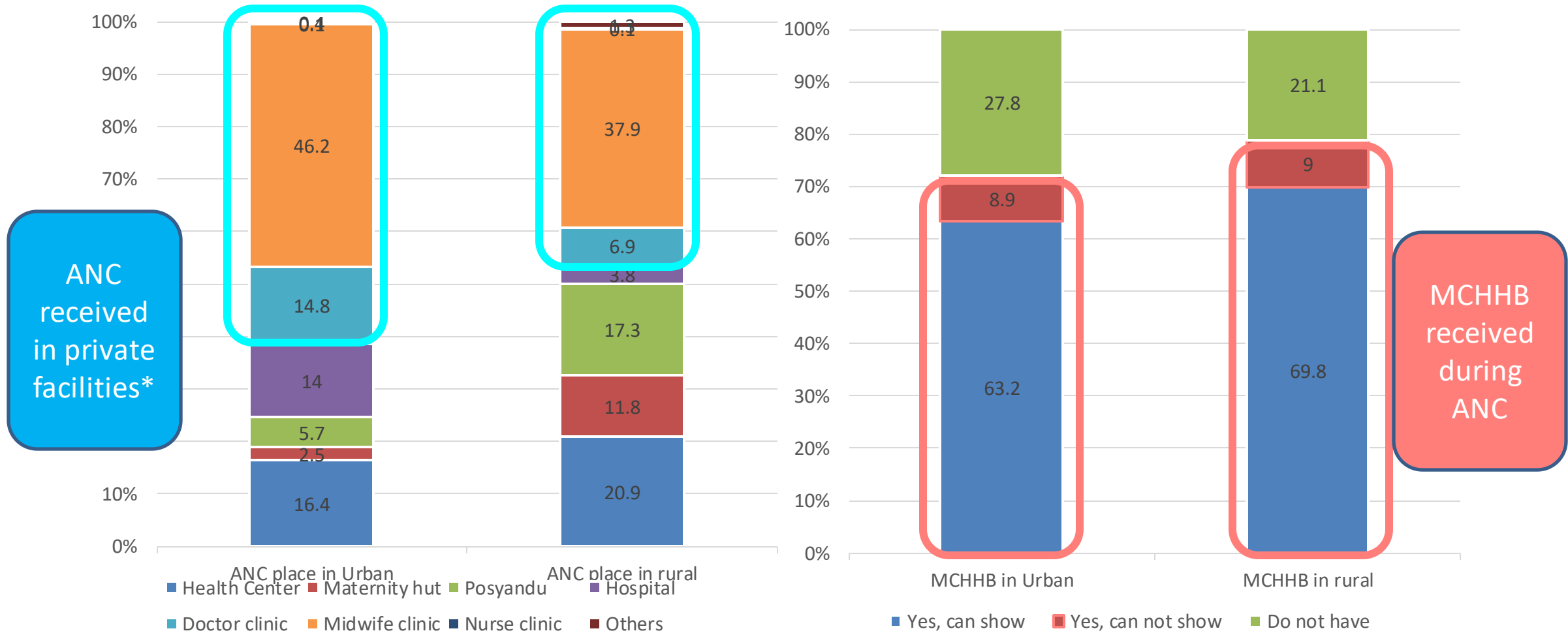
PRIVATE SECTOR ENGAGEMENT IN ANC USING MCH HANDBOOK



Source: Basic Health Research 2018

* Except for private hospitals as the data does not allow us to distinguish them from public hospitals

Private sector engagement in ANC with MCHHB

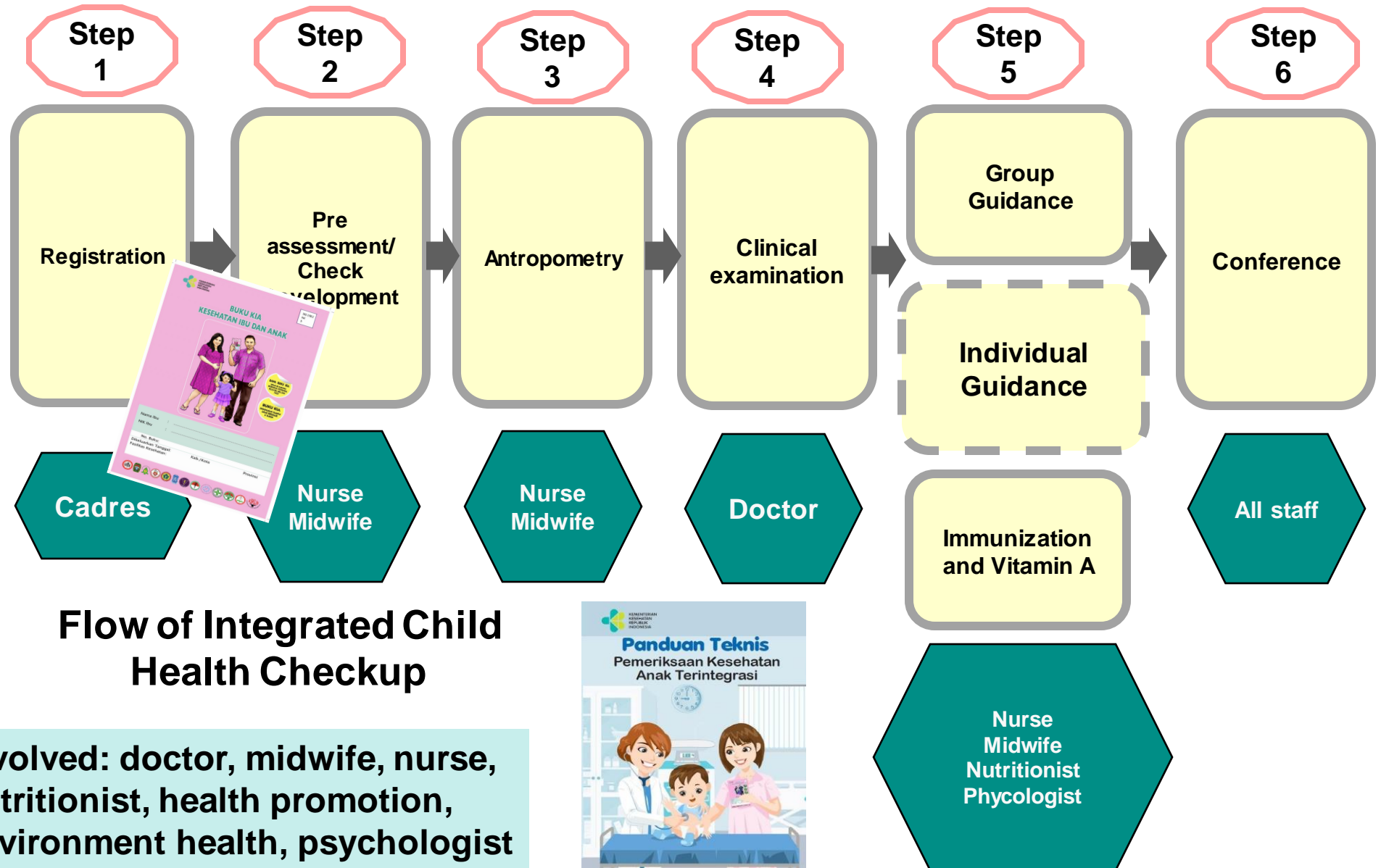


Source: Basic Health Research 2018

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1

Integrated Child Health Check Up using MCH Handbook



Target: Infant 6 months

Pilot: Sleman, Surakarta

Flow of Integrated Child Health Checkup

Involved: doctor, midwife, nurse, nutritionist, health promotion, environment health, psychologist



NATIONAL AND SUBNATIONAL COMMITMENT TO IMPROVE UTILIZATION OF MCH HANDBOOK

Subnational & Cross-sectoral utilization



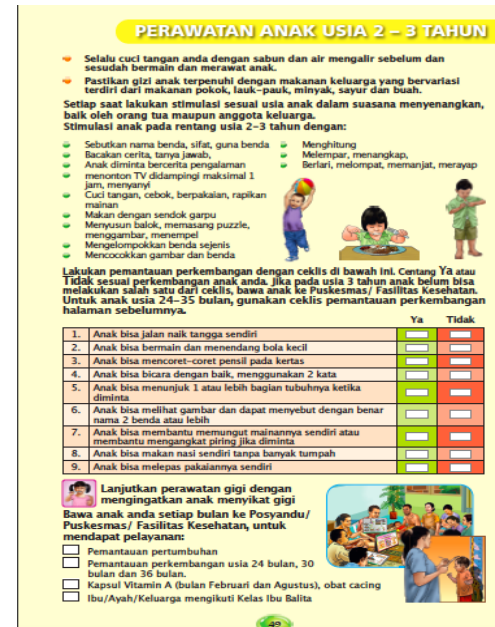
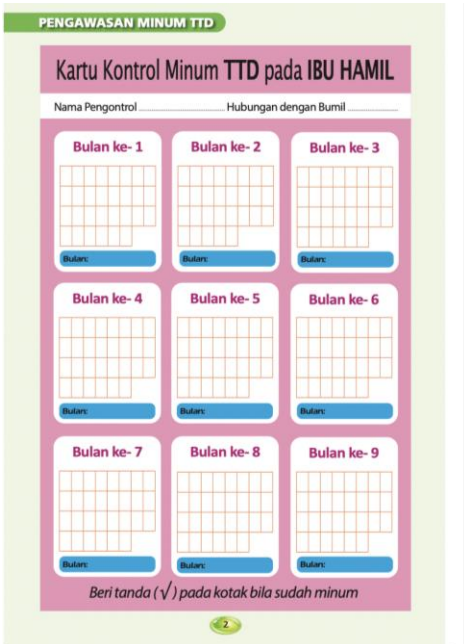
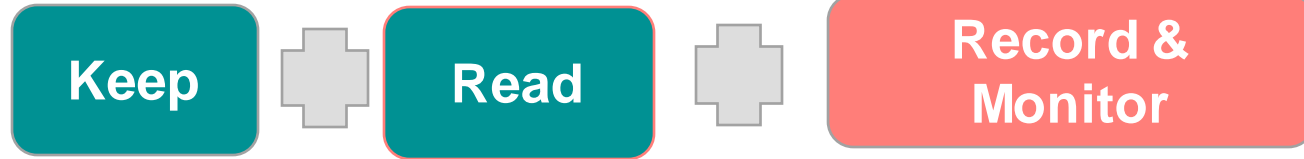
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- The responsibility of its **utilization** is on health personnel.

- The Minister of Health Regulation
 - No. 25/2014 (children),
 - No. 21 /2021 (pregnant women)
- Ministerial Decree
 - No. 741/2008 revised to No. 43/2016 and No. 4/2019 on **Minimum Service Standard to ensure subnational government to implement the minimum standard in MCH-HB**
- The Minister of Health Regulation
 - No. 59/2014: **verification instrument for national health insurance** (ANC, delivery, post partum care)
- The Minister of Social Affairs Regulation No. 1 Year 2018 about **Verification instrument for cash transfer among poor** (families who have pregnant mother and under-five children)
- Local regulation at subnational level on the use of MCH Handbook as a **requirement document to enter pre-school** (kindergarten, play group, etc)

3

IMPROVING THE ROLE OF MOTHER AND FAMILY ON MCH Mother and family using MCH Handbook to:



- Record** consumption of iron tablet
- Write a check mark** on every information that has been read
- Do stimulation** and monitoring of child development according to age group



- Do monitoring** using a checklist for pregnant women with self-assessment and mother of under-5 years old.

IMPROVING THE UTILIZATION OF MCH HANDBOOK PREGNANT MOTHER CLASS AND UNDER-5 CHILDREN MOTHER CLASS

ONLINE CLASS



MOBILE MCH
APP



- GROUP WHATSAPP
- WEBINAR ZOOM



WEBSITE

OFFLINE CLASS



Target: little baby weight < 2500 gram, length < 45 cm,
gestational age \leq 37 weeks

Goal:

improve knowledge, skills of mothers & health workers in Primary Health Care and Referral Health Care in caring for LBW

Location: Solok, Kudus, Banyumas

- **LBH** is to be used together with the MCH Handbook
- Fenton chart is used until the correction age is 10 weeks (2.5 months)
- Developmental information can be used up to 6 months of correction age, and general information parts can be used until the child becomes 2 years old.

The contents of the Little Baby Handbook are customized with the specific needs of Premature Babies and Low Birth Weight (LBW), for example about:

- Premature baby benefits
- How to calculate correction age
- Kangaroo Method Care
- Screening of premature babies on outpatient and others



PILOT OF DIGITALIZATION OF MCH HANDBOOK



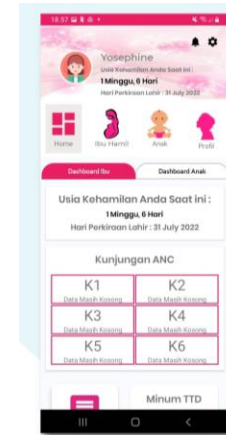
Google Play



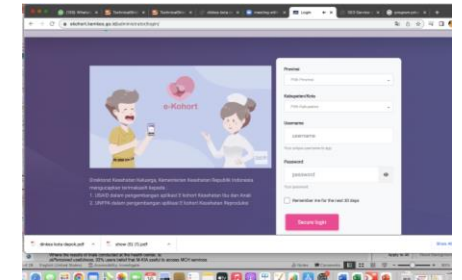
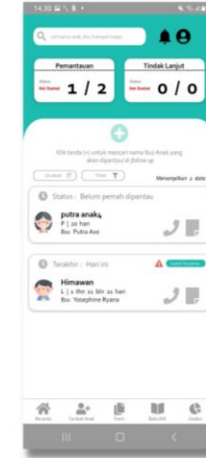
M-KIA



Mother



Cadre and
Pre-school Teacher



E-Kohort

Trial Result for Cadre 2021

- *Perceived usefulness*, 93% users believe that M-KIA is useful to access MCH services
- *Perceived ease of use*, 87% users feel the ease of using M-KIA Application
- External facilitator and barriers to efficacy, 86% users believe that M-KIA has advantages and they want to install it on their smartphone
- *Technology use*, 89% users will use M-KIA application when receiving MCH services and overall satisfied with application

Ongoing Trial for Cadre, Teacher and Mother 2022

- *In 5 districts (Kab. Aceh Jaya, Depok, Kab Bogor, Kota Makassar, Kab. Lombok Barat)*
- *Involved 50 Cadres, 50 teachers, 300 mothers, 20 health providers, 15 program managers*
- *Integrated with e-Kohort (recording and reporting app MCH health provider)*

INDONESIA EXPERIENCE IN INTERNATIONAL EVENT ON MATERNAL AND CHILD HEALTH HANDBOOK

Participants at the Conference of MCH handbook Tokyo in 1998

Host MCH Handbook Conference twice, in Manado 2001, Bogor in 2003

Hosting of Third Country Training Program Maternal and Child Health Handbook or Knowledge Sharing Program from 2007-2022

Hosting of The 72nd World Health Assembly
The Effective Implementation Of Home-based Record To Improve Maternal, Newborn, And Child Health, 2019

Present the MCH Handbook Lesson learnt in another symposiums in 2010, 2012, 2015, 2016, 2018, 2021

Cambodia



Lao PDR



Madagascar



Kenya



Tajikistan



Palestine



Cameroon



Papua New Guinea



Marocco



Afganistan



Bangladesh



Myanmar



Philiphine



Uganda



Vietnam



Thailand



Timor Leste



HOSTING THE 72nd WHA SIDE EVENT

THE 72nd WORLD HEALTH ASSEMBLY
THE EFFECTIVE IMPLEMENTATION OF HOME-BASED RECORD TO IMPROVE MATERNAL, NEWBORN, AND CHILD HEALTH
GENEVA, MAY 23 2019

CHALLENGES AND SOLUTIONS

Challenges

1. Need to increase commitment of private sector and monitor the utilization of MCH by private practitioners
2. Introduce MCH Handbook at pre service education (health institutional education)

Solutions

1. Utilize MCH handbook as a requirement for accreditation of health care facilities
2. Collaborate with Ministry of Education in curriculum and examination for all health professionals

Conclusion

1. MCH Handbook has a strategic position to integrate inter professional, intersectoral and community
2. MCH Handbook has an important role in the transformation of primary health care in Indonesia, which not only as home based record, by also to educate the family to be able do active early detection of their health problems

THANK YOU

