





MCH HANDBOOK IMPLEMENTATION IN THE ERA OF COVID-19 PANDEMIC IN INDONESIA

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Maternal and Child Health Handbook Webinar Series 2021



Country Profile

Geographic Condition & Population

- Area: South East Asia; 2 million km² (736 000 sq. mi.); 17,508 islands; 1.128 tribes, 34
 Provinces, 514 distict/municipalities (92 small Islands at the borderlines with neighboring countries; Ring of fire)
- Population: 272 million 2021 Estimated Target:
 - 4,887,405 (1,8%) pregnancy women
 - 4,443,095 (1,6%) live births
 - 21,891,959 (8,04%) underfive children
- Health centers: 10,134
- Hospitals: 2,877





MATERNAL & CHILD HEALTH STATUS



MATERNAL MORTALITY **RATE/100.000 KH**



2015 SUPAS

2019 TARGET

305 306

INFANT MORTALITY

RATE/1.000 KH

2024 TARGET

ANAEMIA IN PREGNANCY 2013 RISKESDAS 2018 RISKESDAS TARGET 2024 48,9 20 37,1

PREVALENCE OF UNDERWEIGHT



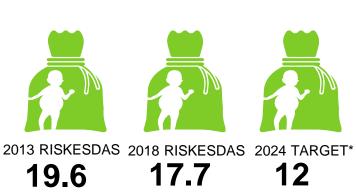
SDKI 2017



2019 TARGET



2024 TARGET



MODERN CONTRACEPTIVE PREVALENCE RATE (mCPR)



PREVALENCE OF **STUNTING**



2013 RISKESDAS

2018 RISKESDAS



2024 TARGET*

32.9

30.8

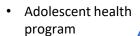
THE POLICY OF LIFE CYCLE CONTINUUM OF CARE SERVICES



Promotive,
Preventifve,
Early Detection,
Curative and
Rehabilitative

- School health program
- · Health monitoring
- Health education
- Counseling

- Immunization
- Monitoring growth and development
- Nutrition
- ART & treatment monitoring



- Health education
- Counseling



- Exclusive breastfeeding
- Infant feeding
- Immunization
- ARV prophylaxis
- Cotrimoxazole prophylaxis
- HIV early infant diagnosis
- ART



- Quality of life
- Preventing degenerative diseases

- RH counselling
- Premarital RH IEC
- Family Planning services, incl. pregnancy planning



- ANC services
- HIV testing (PITC)
- ART
- Counselling safe delivery (MPS), exclusive BF, postpartum FP

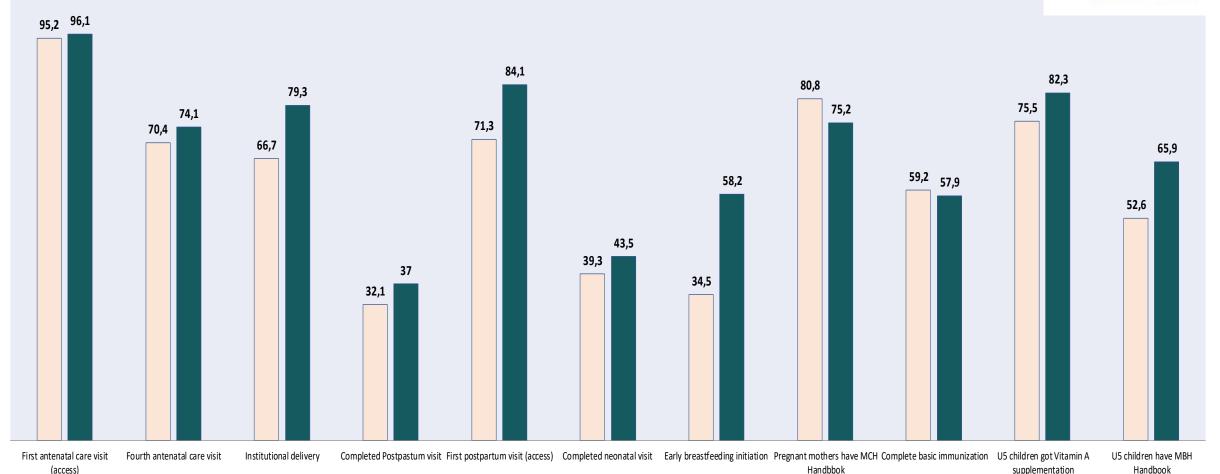


- HIV testing & ART
- BF counselling
- Early BF initiation
- Exclusive BF/safe infant formula feeding
- Post-partum FP





CONTINUUM OF CARE MATERNAL AND CHILD HEALTH



Development of MCH Handbook in Indonesia



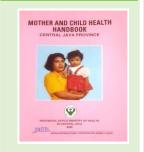


CONTENT

- Maternal heath record card
- Child health record card
- Immunization card
- Child growth monitoring card



1994



MCH HB Version of Pilot Project

1997 - 2003



Version of expanded to other provinces

2004 - 2006



- Ministerial Decree No. 284/ 2004 of MCH HB
- National version

2009



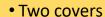
- revised First version
- The commitment professional association Indonesia Hospital Association
- Others records (ANC, Vit A, etc.)

2015



- Second revised version
- Used until the children 6 years old
- children with disability
- Protect children from violence & sexual harassment

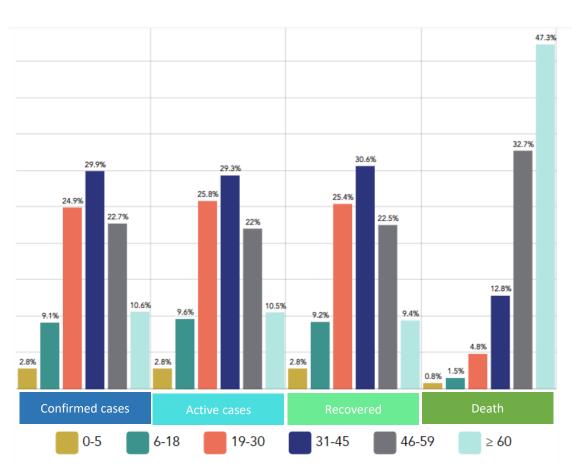
2020



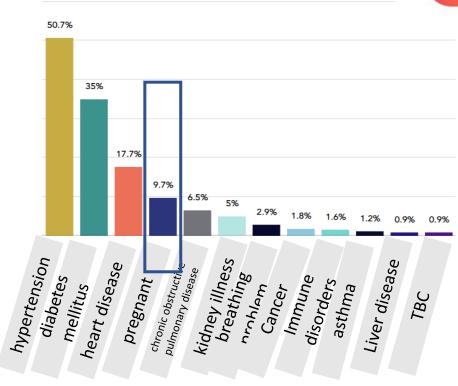
- The registration form then followed by Information Education and Communication pages
- Mother's statement form regarding service fulfillment
- ANC, PNC policy update
- Sequential monitoring of child development

Situation of COVID-19 in Indonesia









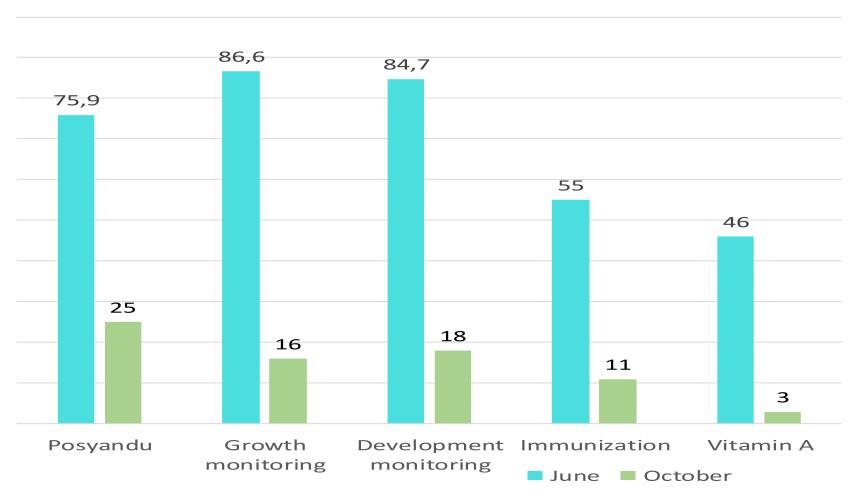
Under-five Children

32.894 Confirmed cases

4.742 Active cases 27.257 Recovered 255 Deaths

POSYANDU SERVICES THAT WERE INTERRUPTED YEAR 2020





^{1.} Rapid Assessment, MCH During COVID-19 Pandemic, June 2020

^{2.} Health Need Assessment: MCH Services During COVID-19 Pandemic in Indonesia 22 October 2020



THE ROLE OF MCH HANDBOOK IN PANDEMIC



TOP STATE OF THE PROPERTY OF T

1. RISK FACTOR
SCREENING IN
PREGNANCY



2. <u>CHILDBIRTH</u>
<u>PREPARATION</u>



3. <u>POST NATAL</u> CARE



4. FAMILY PLANNING



1. <u>NUTRITION:</u> Feeding and nutrition



- 3. <u>PROTECTION</u> Immunization + healthy lifestyle + child protection
- 4. <u>EVALUATION</u> Growth, development, and behaviour









MATERNAL HEALTH CARE ADAPTATION

- Tele-appointment and registration include COVID-19 risk infection screening
- Screening for risk factor and USG performed by Doctors in the first trimester and third trimester
- USG postponement for pregnant mother suspected/confirmed COVID-19
- Pregnant mothers and family are expected to learn from the MCH handbook and be aware of the danger signs
- Counseling for pregnant mothers suspected/confirmed COVID-19

Antenatal Care

Childbirth

- Self isolation for at least 14 days before due date
- Planned referrals
- Delivery places selected by risk factors and COVID-19 status



- Postnatal care for suspect/confirmed cases is postponed
- Mothers and family are expected to learn from the MCH handbook and be aware of the danger signs
- First PNC is performed in the health facility
- 2nd, 3rd, and 4th depends on COVID-19 situation in the area

Family Planning and Contraception

- Teleappointment
- Infection prevention protocols
- Preferably long term contraception

- Depends on mother COVID-19 status and condition
- Early breastfeeding initiation
- room-in

Postnatal Care

Newborn Care

UNDER FIVE CHILD HEALTH CARE ADAPTATION



Community Level

- Outreach activity depends on the COVID-19 local situation
- Prioritizing COVID-19 transmission prevention
- Family conduct growth and development monitoring using the MCH HB
- Immunization, supplementation, monitoring for high risk children by appointment in health facility

Educational/ Social Institution

- Home based learning, healthy schedule
- New life adaptation (mask, hand washing, physical distancing)
- Screen time limitation
- Tele-parenting class
- School infrastructure readiness

Health Facility

- Prioritizing COVID-19 transmission prevention
- PPE
- Triage
- Service area arrangement
- MCH essential services
- Tele-appointment





MCH SERVICES IN THE HEALTH FACILITY











Teleregistration

Triage

Appropriate PPE

Essential services







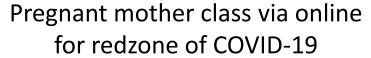




MOTHER CLASS IN THE PANDEMIC ERA









U5 children mother class via online for redzone of COVID-19





U5 children mother class via offline for non redzone of COVID-19









THE IMPLEMENTATION OF MCH HANDBOOK



Delivery and newborn care





National Referal Hospital: 14 Province Referal Hopsital: 20 Regional Hospital: 110

Distric Hospital: 619 Privat Hospital: 1787

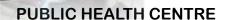


MOTHER'S CLASS



Integrated health Post: 173.750

Mother Clas: 9.456



Community Health Center: 9993

Pratama Clinic: 7917

Widwives Practise: 40000

GP Practice: 8878





THE IMPLEMENTATION OF MCH HANDBOOK



Inter-professional utilization























Cross-sectoral utilization













Digitalization development







