

DISPARITY OF ACCESS & QUALITY

REVIEW OF MATERNAL MORTALITY
IN FIVE REGION IN INDONESIA



KEMENTERIAN KESEHATAN REPUBLIK INDONESIA
UNITED NATIONS POPULATION FUND (UNFPA)

2012

Disclaimer:

*This Report was made possible through UNFPA support to Litbangkes
The view and opinions expressed in this article are those of authors and do not necessarily reflect
the official policy or position of UNFPA.*

DISPARITY OF ACCESS & QUALITY

REVIEW OF MATERNAL MORTALITY
IN FIVE REGION IN INDONESIA

NATIONAL INSTITUTE OF HEALTH
RESEARCH AND DEVELOPMENT
MINISTRY OF HEALTH REPUBLIC OF INDONESIA
UNITED NATIONS POPULATION FUND (UNFPA)

2012



TEAM

Chief: dr. Teti Tejayanti, MKM

Members:

Dr. dr. Harimat, M.Kes
Kristina Sabatini, SKM, M.Epid
Tin Afifah, SKM, M.Kes
Dr. Dwi Hapsari, M.Kes
dr. Imran Pambudi, MPH
dr. Yusley Usman, M.Kes
dr. Ika Saptarini
Annisa Rizkianti, SKM
Dony Lasut, S.Si
dr. Wahyu Dwi Astuti, SpPK, M.Kes

Advisor:

Dr. dr. Trihono, M.Sc
D. Anwar Musadad, SKM, M.Kes

Contributors :

Soeharsono Soemantri, M.Sc, Ph.D
Prof. dr. Budi Utomo, MPH, Ph.D
Prof. Terence H. Hull, B.A, M.A, Ph.D
Prof. Dr. dr. Sudarto Ronoatmodjo, SKM, M.Sc
Atmarita, MPH, Dr. PH
Dr. dr. Sabarinah Prasetyo, M.Sc
dr. Asri C. Adisasmita, MPH, M.Phil, Ph.D
Ir. Thoman Pardosi, S.E, M.Si
Dendi Handiyatmo, S.St, M.Si



MINISTRY OF HEALTH REPUBLIC OF INDONESIA

Jl. Percetakan Negara No. 29 Jakarta Kotak Pos 1226
Telp. : (021) 4261088 Fax : (021) 428 72392, 424 1921, 424 3933
Email : sesban@litbang.depkes.go.id; p3esk@litbang.depkes.go.id
Website : <http://www.litbang.depkes.go.id>; <http://www.pusat3.litbang.depkes.go.id>



UNITED NATIONS POPULATION FUND (UNFPA)

7th Floor Menara Thamrin Jl. M. H. Thamrin Kav. 3 Jakarta 10250 Indonesia
Telp. : (021) 314 1308, 390 4914 Fax : (021) 390 4914, 319 2702
Website : <http://indonesia.unfpa.org>

PREFACE

Assalamu'alaikum wr. wb

Praise to the Lord Almighty for His blessings, so this report on "Review of Maternal Mortality in 5 Region in Indonesia" is well prepared. This review is the first time that nearly 4000 cases of maternal mortality have been analyzed— that number is around 50 percent of all maternal deaths recorded the 2010 Population Census. With such a large number of cases being reviewed, it is possible to do inter-regional analysis, comparing results from Sumatera, Java-Bali, Kalimantan, Sulawesi, and Eastern Indonesia.

This publication examines characteristics and causes of maternal deaths, as well as information on quality of care and conditions in health facilities, which can be related to the maternal mortality ratio.

I would like to extend my appreciation to the research team, especially Dr. TetiTejayanti, MKM and Ms. Kristina Sabatini, SKM, M.Epid, who have worked so hard in analyzing and accommodating enormous inputs from many experts, enabling this report to be presented so well. I would like also to thank UNFPA for its support in developing and publishing this report. To all contributors, thank you for the invaluable inputs to developing the review.

This report will be a great reference for improvement in the general health programme and the maternal health programme in particular. This macro review is expected to be followed up with further research in every region. The results and recommendations are expected to be implemented to improve the maternal health programme to accelerate efforts to achieve MDGs, particularly maternal mortality reduction.

Billahit taufiq walhidayah, wassalamu'alaikum wr. wb.

Head Of Balitbangkes



Dr. dr. Trihono, M.Sc

TABLE OF CONTENTS

PREFACE	iii
TABLE OF CONTENTS	iv
LIST OF TABLES	v
LIST OF CHARTS	vi
EXECUTIVE SUMMARY.....	vii
BACKGROUND	1
OBJECTIVES	
1. General Objective	2
2..Specific Objectives	2
FRAMEWORK.....	3
METHODOLOGY	
1. Type of research	4
2. Data.....	4
3. Data analysis.....	4
4. Operational definitions.....	5
RESULT AND DISCUSSIONS	
1. Characteristic of maternal death	6
2. Number of maternal death	6
3. Causes of maternal death	8
a. Maternal death causes by group/ tabulation	8
b. Causes of death without grouping	13
4. Characteristic of maternal mortality by cause of death.....	14
5. Quality of Care	16
a. Overall cause of maternal death	16
b. Pregnancy induced Hypertension.....	18
c. Post-partumHemorrhage	21
6. Health Facilities.....	21
CONCLUSION	29
RECOMMENDATIONS	31
REFERENCES.....	32

LIST OF TABLES

Table 1. Number of maternal death based on Population Census 2010 (SP 2010).....	8
Table 2. Proportion causes of maternal death.....	9
Table 3. Diagnostic code and proportion causes of maternal death ibu among 5 regions based on ICD 10 WHO (Data SP2010)	10
Table 4. Diagnosis including in pregnancy induced hypertension (HDK).....	11
Table 5. Causes of maternal death in group complication predominantly related puerperium and other conditions	11
Table 7. Diagnosis rank for causes of maternal death in 5 region in Indonesia	13
Table 6. Ratio causes of maternal death in 5 regions based on ICD 10 WHO (Data SP2010)	13
Table 7. General causes of maternal death	13
Table 8. Review Case Fatality Rate (CFR) result in RSUP Cipto Mangunkusumo in 2011	14
Table 9. Maternal death period	14
Table 10. The Highest cause of maternal death in Indonesia	15
Table 11. Characteristic of maternal death based on causes of death (Data SP2010)	16
Table 12. Maternal Mortality Ratio (Data SP2010) with proportion of quality of maternal health care in 5 regions in Indonesia (Data Riskesdas 2010 – basic health survey)	19
Table 13. Maternal Mortality Ratio (Data SP2010) with proportion of HDK in 5 regions in Indonesia (Data Riskesdas 2010 – basic health survey).....	21
Table 14. Proportion of unavailability of stethoscope in 5 regions in Indonesia	22
Table 15. Maternal Mortality Ratio (Data SP2010) with proportion of quality of maternal health care and PPP in 5 regions in Indonesia (Data Riskesdas 2010)	24
Table 16. Maternal Mortality Ratio (Data SP2010) with puskesmas PONED services based on 5 regions in Indonesia (Data Rifaskes 2010 – health facilities survey)	26
Table 17. Percentage puskesmas PONED provide essential drugs and equipment for pre-eclampsia/eclampsia.....	28
Table 18. Percentage puskesmas PONED provide essential drugs and equipment for post-partum hemorrhage (Data Rifaskes 2011)	28
Table 19. Proportion of public hospital (RSU Pemerintah) based on criteria PONEK in 5 regions in Indonesia (Data Rifaskes 2011)	29
Table 20. Proportion of public hospital (RSU Pemerintah) based on availability of specialists services (anesthetist, surgeon, obgyn, and pediatrician) in 5 regions in Indonesia (Data Rifaskes 2011)	30
Table 21. Proportion of public hospital (RSU Pemerintah) based on availability of supporting equipment in maternal and child health facilities in 5 region in Indonesia (Data Rifaskes 2011)	30

LIST OF CHARTS

Chart 1. Characteristic of maternal death(Data SP2010).....	6
Chart 2. Proportion place of date based on areas(urban/ rural) (Data SP2010)	16
Chart 3. Coverage health services performance (Data Riskesdas 2010)	18
Chart 4. Map of HDK distribution per District/ City in Indonesia	20
Chart 5. Map of PPP distribution per District/ City in Indonesia	20
Chart 6. Proportion city and district that have PONED in 5 regions in Indonesia.....	22
Chart 7. Proportion number of hospital based on emergency response (Data Rifaskes 2011).....	28

预览已结束，完整报告链接和二

<https://www.yunbaogao.cn/report/index/report?rep>