BRIEF INFO ON MATERNAL DEATHS 2012

NATIONAL TECHNICAL COMMITTEE CONFIDENTIAL ENQUIRIES INTO MATERNAL DEATHS

FAMILY HEALTH DEVELOPMENT DIVISION MINISTRY OF HEALTH MALAYSIA

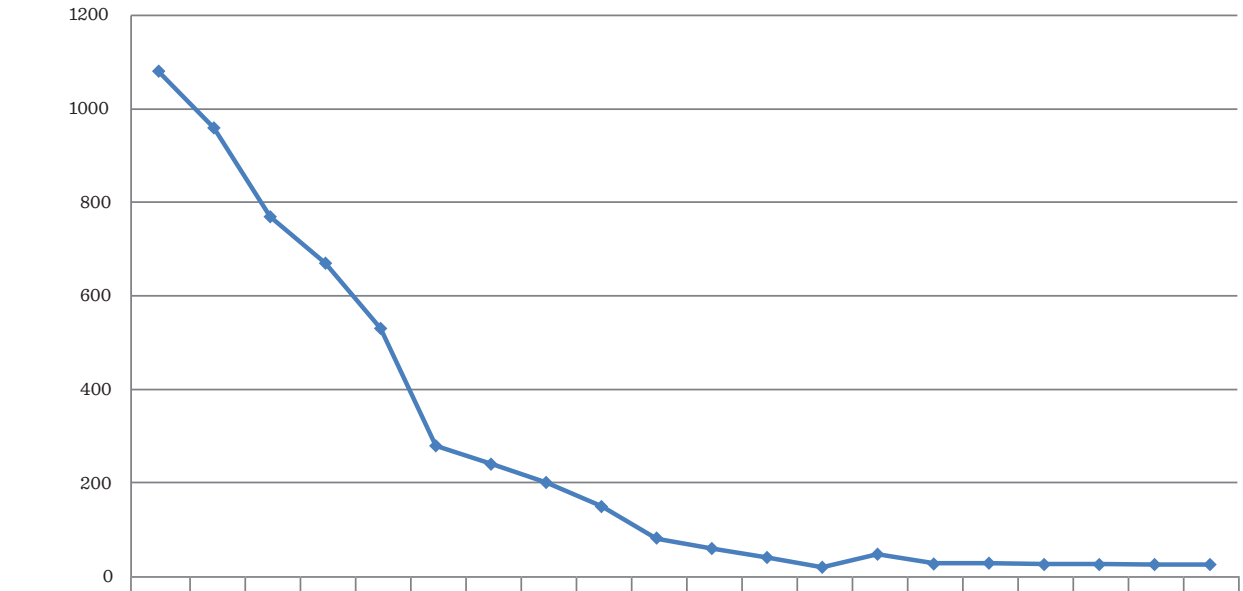
INTRODUCTION

A total of 242 pregnancy related deaths were reported and audited by the committee on the Confidential Enquiries into Maternal Deaths. Overall, the number of deaths has declined from 295 in 2009 to 242 in 2012.

For statistical reporting in Malaysia, maternal deaths comprised all direct and indirect deaths among Malaysian citizens and non Malaysian citizen with legal documents.

Disclaimer:
The data on number of maternal deaths and ratio may subject to change as current data is from CEMD report, while the final official data source is from Department of Statistic, Malaysia.

Maternal Mortality Ratio Malaysia 1933–2012p



	1933	1935	1940	1946	1950	1957	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2009	2010	2011	2012p
MMR	1080	960	770	670	530	280	240	200	150	80	60	40	20	46.9	28.1	28.1	27	26.1	26.2	25.6

Source of data : Department of Statistics
: Family Health Development Division, Ministry of Health
p – preliminary data

DEFINITIONS

Pregnancy Related Deaths

The death of a woman while pregnant or within 42 days of termination of pregnancy, regardless of the classification cause of death (direct, indirect and fortuitois).

Maternal Death

The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of duration and site of pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes.

Table 1.1 : Number of pregnancy related deaths 2009—2012

Year	2009	2010	2011	2012
Number of pregnancy related deaths	295	273	266	242

Table 1.2: Pregnancy related deaths by citizenship status

Classification	2012	
	n	%
Malaysian citizens	186	76.9
Non citizens (legal)	24	9.9
Non citizens (illegal)	32	13.2
Total	**242**	**100.0**

Table 1.3: Classification of Pregnancy Related Deaths in Malaysia 2012 citizenship status

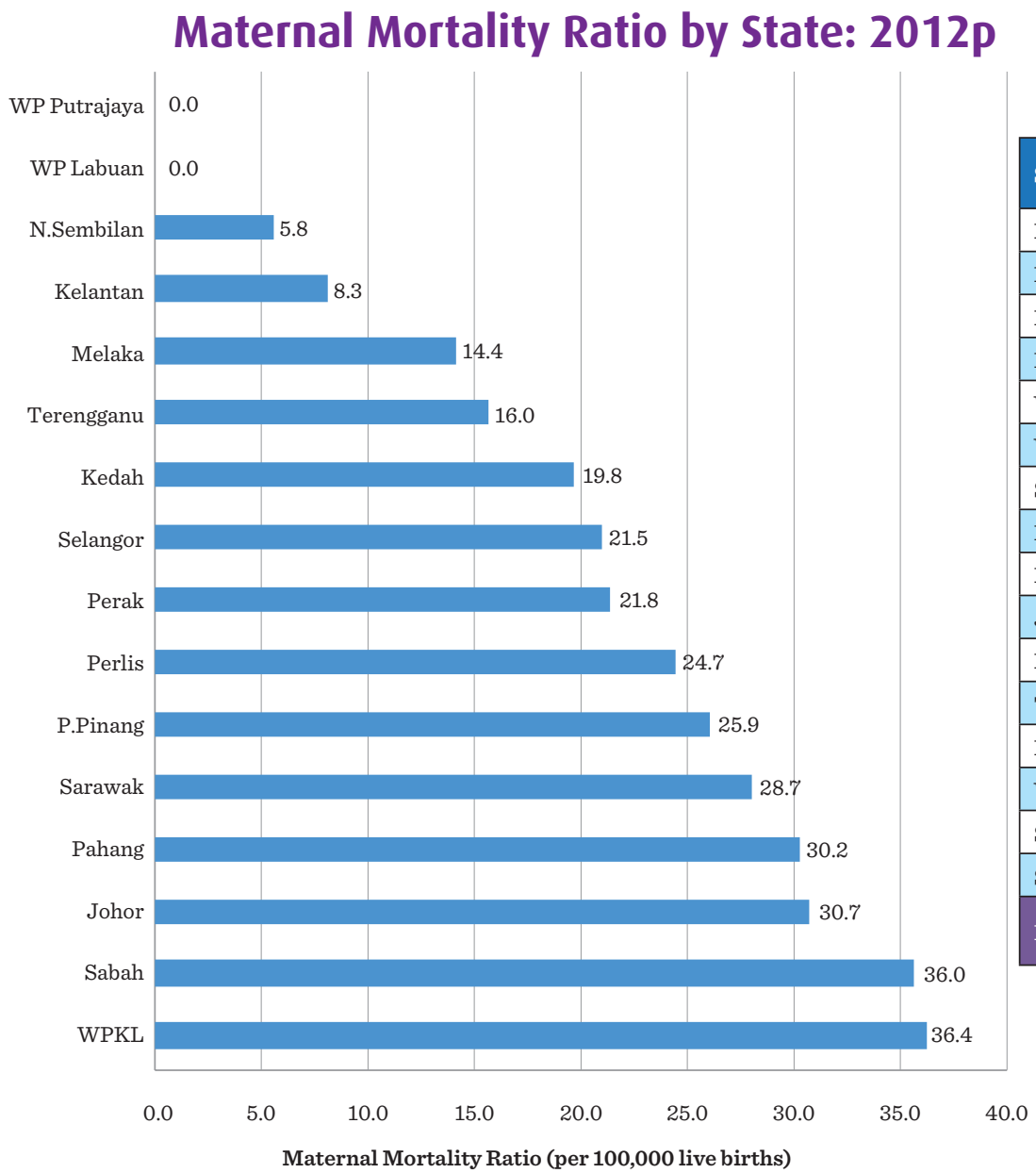
Classification	2012	
	n	%
Direct	109	45.0
Indirect	36	14.9
Fortuitous	97	40.1
Total	**242**	**100.0**

Table 1.4: Classification of 'maternal deaths' in Malaysia 2012 (among Malaysian citizens and Non Malaysian citizen with legal document)

Classification	2012	
	n	%
Direct	91	74.6
Indirect	31	25.4
Total	**122**	**100.0**

Source of data : FHDD, MoH

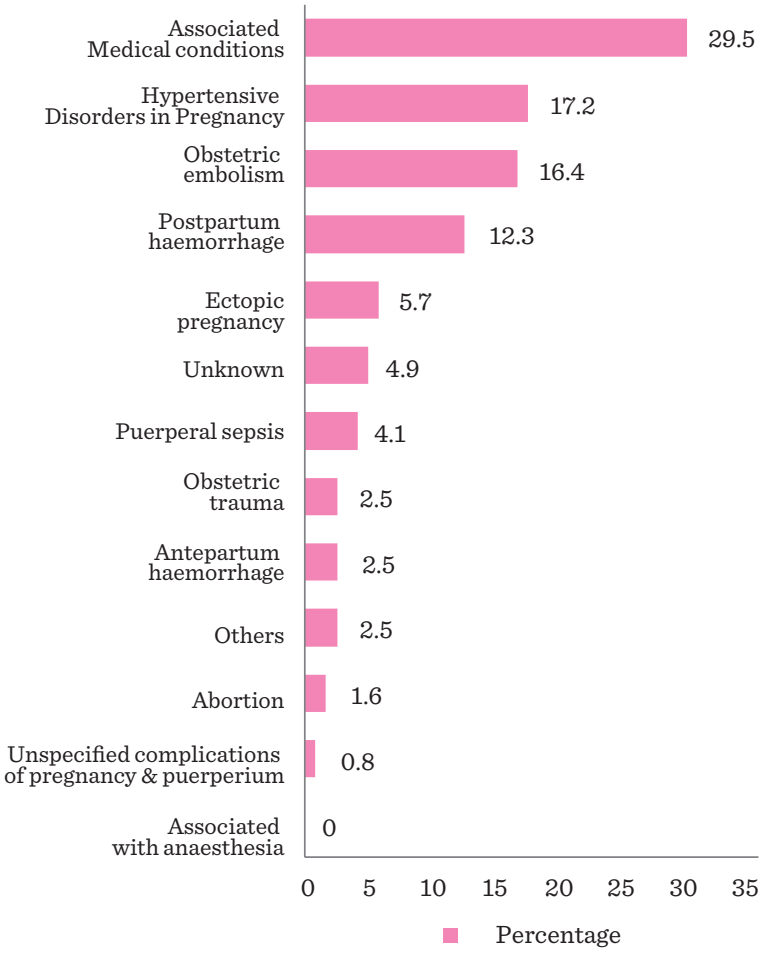
Figure 1.1 : Maternal Mortality Ratio by State : Malaysia 2012p



State	2012 (n)
Perlis	1
Kedah	7
P.Pinang	6
Perak	8
WPKL	10
WP Putrajaya	0
Selangor	22
N.Sembilan	1
Melaka	2
Johor	18
Pahang	8
Terengganu	4
Kelantan	3
WP Labuan	0
Sabah	20
Sarawak	12
Malaysia	122

Source of data: Department of Statistic, Malaysia
p – preliminary data

Figure. 1.2: Causes of maternal deaths : Malaysia 2012



CAUSES	2012
	n
Associated with anaesthesia	0
Unspecified complications of pregnancy & puerperium	1
Abortion	2
Others	3
Antepartum Haemorrhage	3
Obstetric Trauma	3
Puerperal Sepsis	5

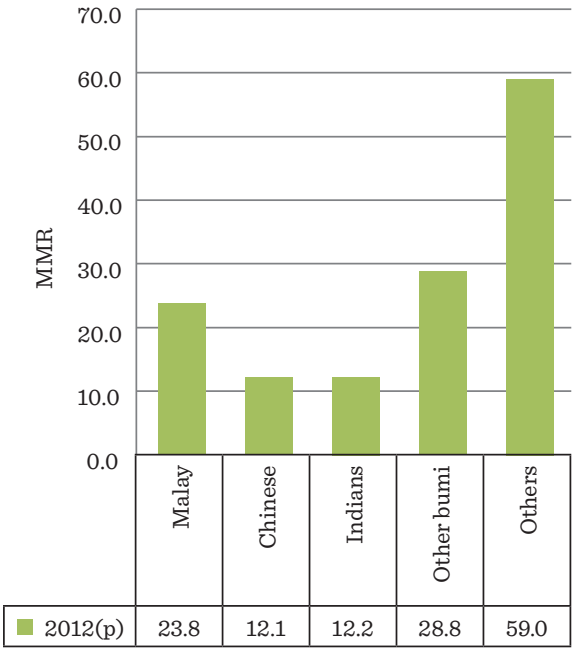
CAUSES	2012
	n
Unknown	6
Ectopic	7
Postpartum Haemorrhage	15
Obstetric Embolism	20
Hypertensive Disorders in Pregnancy	21
Associated Medical Conditions	36
Total	**122**

Source of data: Family Health Development Division, Ministry of Health

Table 1.5 : Maternal deaths by age group 2012

Classification	2012	
	n	%
<19	7	5.7
20-24	12	9.8
25-29	35	28.7
30-34	31	25.4
35-39	30	24.6
40-44	6	4.9
45-49	1	0.8
Total	**122**	**100.0**

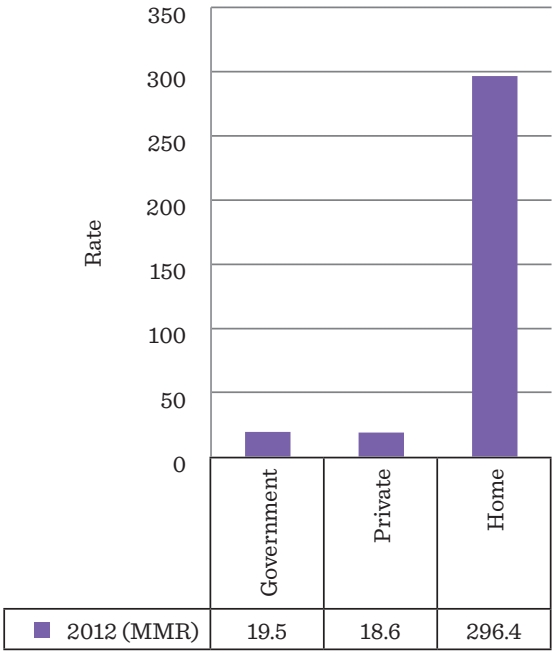
Figure 1.3 : MMR by ethnicity



Ethnic	2012(p)	
	n	MMR
Malay	73	23.8
Chinese	10	12.1
Indians	3	12.2
Other bumi	19	28.8
Others	17	59.0

Figure 1.4 : Maternal death ratio by place of delivery

Maternal Death Ratio Adjusted to Place of Delivery: Malaysia 2012



Number of maternal death by place of delivery	2012(n)
Government	58
Private	7
Home	10

Source of data: Health Informatic Centre, MoH
FHDD, MoH
p- preliminary data

Table 1.6: Maternal deaths by family planning practice 2012

Family Planning	2012	
	n	%
Ever User	20	16.4
None user	90	73.8
Don't know	12	9.8
Total	**122**	**100.0**