



# Fact Sheet

National Health and Morbidity Survey (NHMS) 2022:

# Maternal and Child Health (MCH)

# INTRODUCTION

The National Health and Morbidity Survey (NHMS) has been an important platform for monitoring the health of the population in Malaysia. The first NHMS MCH was conducted in 2016 and then repeated second time in 2022, both of which concentrated on the health status of mothers with their most recent child under the age of 2, children under the age of 5, and women of reproductive age, 15 to 49 years.

# **METHODOLOGY**

NHMS 2022: MCH was a cross-sectional study using a complex study design with two-stage stratified random sampling. The survey involved all states and Federal Territories in Malaysia to produce nationally representative data. Face-to-face interviews were carried out by trained research assistants, together with structured self-administered questionnaires (SAQ) and clinical and anthropometric measurements by the nurses. A point-of-care finger-prick blood test was also done at a selected health clinics. A total of 25,414 respondents participated in the survey, representing a response rate of 74.9% from a total of 1,029 enumeration blocks (EB) consisting of 13,832 living quarters (LQ).

# MATERNAL CARE

Mothers aged 15-49 years with child below 2 years old

# **ANTENATAL CARE**

Prevalence of adequate ANC (≥ 4 visits): **98.1%**Prevalence of first antenatal visit at 1st trimester: **77.0%**Prevalence of mothers who did not miss or delay ANC visit during COVID-19 pandemic: **96.9%** 

Prevalence of current adolescent pregnancy: 2.0%

#### PREGNANCY COMORBIDITIES

Prevalence of mothers who had selected comorbidities during pregnancy of their last child birth

Hypertension: 6.5%
GDM: 27.1%
Anaemia: 19.3%
Placenta previa: 2.7%

# PRE-PREGNANCY CARE

Prevalence of mothers who has selected medical conditions before the last pregnancy: **9.3%** 

#### **INTRAPARTUM CARE**

Prevalence of safe deliveries among mothers: **98.4%**Prevalence of mode of delivery

• vaginal delivery: 71.6%

• instrumental delivery (vacuum/forceps): 2.2%

• caesarean section: 26.2%

Prevalence of place of delivery

public health facility: 86.5%private health facility: 11.7%

home delivery: 1.5%

• others: 0.3%

#### **POSTNATAL CARE**

Prevalence of mothers who received home visit within 24 hours of birth notification: **79.1%** 

Prevalence of mothers attended clinics for postnatal care at one month postpartum: **95.0%** 

Prevalence of probable postnatal depression

• known: 0.8%

• undiagnosed: 10.4%

overall (known and undiagnosed): 11.2%

#### CHILD HEALTH

Children aged 0 - 59 months

#### **INFANT & YOUNG CHILD FEEDING**

Prevalence of early initiation breastfeeding within 24

hours: 88.6%

Prevalence of ever breastfed: 94.9%

Prevalence of continued breastfeeding among children

aged 12-23 months: 50.6%

#### **ORAL HEALTH**

Prevalence of last time child's teeth had been examined less than one year ago: **62.4%** 

Prevalence of place receiving dental examination or treatment

• Government dental clinic : **83.1%** 

Private dental clinic: 15.1%

• Others: 1.8%

# **CHILD MORBIDITIES**

Prevalence of children having the episode of (in the last 2 weeks)

• diarrhoea: 3.1%

acute respiratory infection (ARI): 1.4%

• either diarrhoea or ARI: 4.4%

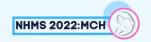
#### **CHILD DISCIPLINE**

Prevalence of discipline methods experienced by children

any violent discipline: 66.6%
psychological aggression: 58.1%
physical punishment: 40.6%

#### **VACCINE HESITANCY**

Prevalence of vaccine hesitancy among parents: 4.9%



#### ASSESSMENT FOR CHILDREN

Children below 5 years old

#### **NUTRITIONAL STATUS**

Prevalence of low birth weight among full term infants: **6.6%** Prevalence of nutritional status among under-five children

Stunting: 21.2%
Wasting: 11.0%
Underweight: 15.3%
Overweight: 6.0%

#### **CHILD DEVELOPMENT**

Prevalence of children having developmental delay : **7.4%**Prevalence of developmental delay by domain

Gross motor: 1.0%Fine motor: 1.9%Speech/hearing: 2.7%

• Social: 4.1%

#### **VACCINATION COVERAGE**

Prevalence of primary vaccination coverage

Verified complete: 83.5%Self-reported complete: 3.6%

Incomplete: 11.9%Unvaccinated: 1.0%

Prevalence of complete vaccination coverage by types of vaccine

BCG: 94.9%HEP B: 86.8%

DTaP-IPV-Hib : 90.7%Pneumococcal : 92.8%

• MMR: 88.1%

#### **ANAEMIA**

Prevalence of anaemia among children aged 6-59 months

Mild: 24.3%Moderate: 21.9%Severe: 0.3%

Non- Anaemia: 53.5%

# For more information, please contact:



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### WOMAN OF REPRODUCTIVE AGE

Women aged 15 - 49 years

#### **CONTRACEPTION**

Prevalence of current contraceptive used
• Any contraceptive method (CPR): 42.8%

• Modern contraceptive method: 34.5%

Prevalence of demand for family planning satisfied with

modern contraception: 51.6%

Prevalence of unmet need for family planning: 26.7%

Prevalence of unplanned pregnancy: 33.0%

#### MISCARRIAGE AND ABORTION

Prevalence of women ever had miscarriage: **15.9%**Prevalence of women ever had abortion: **1.0%** 

#### INTIMATE PARTNER VIOLENCE

Prevalence of past year intimate partner violence: **4.4%**Prevalence of Lifetime IPV by types of violence:

Sexual violence : 1.6%Physical violence : 3.6%Psychological violence : 5.9%

Prevalence of Past Year IPV by types of violence:

Sexual violence: 0.8%
Physical violence: 1.6%
Psychological violence: 3.5%

Prevalence of controlling behaviour by partner: 24.5%



