

# THE STATE OF THE WORLD'S CHILDREN 2011

## c) Health Indicators

INDICATOR	YEAR	MALAYSIA	EAST ASIA & PACIFIC	INDUSTRIALISED COUNTRIES	WORLD
<b>CHILD SURVIVAL</b>					
Under-5 child mortality rank	2009	157	-	-	-
Neonatal mortality rate <sup>1</sup>	2009	3	14	3	24
Infant mortality rate <sup>2</sup>	1990	16	40	8	62
	2009	6	21	5	42
<b>Under-5 Mortality Rate (U5MR)</b>					
Under-5 mortality rate, per 1,000 live births <sup>5</sup>	1970	52	121	24	138
	1990	18	53	10	89
	2000	10	40	7	77
	2009	6	26	6	60
Average annual rate of reduction (%)	1970-1990	5.3	4.1	4.4	2.2
	1990-2009	5.8	3.7	2.7	2.1
Reduction (%)	Since 1990	67	51	40	33
	Since 2000	40	35	14	22
Annual number of deaths <sup>3</sup>	2009	3,000	782,000	66,000	8,087,000

**U5MR Rank:** In descending order out of 196 countries. Chad is ranked 1 in under-5 child mortality (this means it has the highest under-5 child mortality rate). Liechtenstein and San Marino are ranked the best at 193; with Sweden, Singapore, Norway, Japan, Finland, Iceland, Greece, Luxembourg and Slovenia coming next at 184. 7 other countries share same ranking with Malaysia at 157, including Canada, UK and Cuba. Brunei is at 151, USA at 149, Thailand at 125, Philippines at 77 and Indonesia at 66.

**U5MR:** Probability of dying between birth and exactly 5 years of age, expressed per 1,000 live births.

**Infant Mortality Rate:** Probability of dying between birth and exactly 1 year of age, expressed per 1,000 live births.

**Neonatal Mortality Rate:** Probability of dying during the first 28 completed days of life, expressed per 1,000 live births.

**Reduction since 1990 (%):** To track progress towards Millennium Development Goal for two thirds (67%) reduction for U5MR between 1990 and 2015.

<sup>1</sup> SOURCE: World Health Organisation using vital registration systems and household surveys.

<sup>2</sup> SOURCE: Inter-agency Group for Child Mortality Estimation (UNICEF, WHO, UN Population Div and World Bank).

<sup>3</sup> SOURCE: UNICEF

## THE STATE OF THE WORLD'S CHILDREN 2011

### c) Health Indicators

INDICATOR	YEAR	MALAYSIA	EAST ASIA & PACIFIC	INDUSTRIALISED COUNTRIES	WORLD
<b>NUTRITION</b> <sup>4</sup>					
% infants with low birth weight	2005-2009*	11	6	-	15
% U5 moderately or severely underweight (NCHS/WHO)	2003-2009*	8	11	-	26
% U5 severely underweight (WHO)	2003-2009*	-	-	-	9
<b>Breastfeeding</b> <sup>7</sup>					
% exclusively breastfed <6 months	2005-2009*	29 <b>x</b>	28	-	36
% still breastfeeding, 20-23 months	2005-2009*	12 <b>x</b>	-	-	56
<b>Vitamin A supplement coverage rate (6-59 months)</b> <sup>5</sup>					
% full coverage	2009	-	88**	-	77**
<b>Others</b> <sup>7</sup>					
% households consuming iodised salt	2003-2009*	-	87	-	71

**x** : Data refers to years or periods other than those specified, differ from the standard definition or refer to only part of a country. This country data is not included in the calculation of regional and global averages.

**\*** : Data refer to the most recent year available during the period specified

**\*\*** : Excludes China

**Low Birthweight:**

% infants weighing less than 2,500 grams at birth.

**U5 Underweight Moderate / Severe:**

Below minus two standard deviations from media weight for reference population. Severe: Below minus three standard deviation from media weight.

**Vitamin A Full Coverage:**

2 doses of vitamin A supplementation.

**Iodised salt consumption:**

Adequately iodised salt : 15 parts per million or more.

<sup>4</sup> SOURCE: Demographic and Health Surveys, Multiple Indicator Cluster Surveys, national household surveys, data from routine reporting systems, UNICEF and WHO.

<sup>5</sup> SOURCE: UNICEF

## THE STATE OF THE WORLD'S CHILDREN 2011

### c) Health Indicators

INDICATOR	YEAR	MALAYSIA	EAST ASIA & PACIFIC	INDUSTRIALISED COUNTRIES	WORLD
<b>IMMUNISATION <sup>6</sup></b>					
% of routine EPI vaccines financed by government	2009	80	95	-	81
% of newborns protected against tetanus	2009	87	-	-	83
<b>% of 1-year old children immunised against: <sup>9</sup></b>					
• Tuberculosis (BCG)	2009	98	95	-	88
• Diphtheria / pertussis/ tetanus (DPT1)	2009	95	95	98	90
• Diphtheria / pertussis/ tetanus (DPT3)	2009	95	93	95	82
• Polio (polio3)	2009	95	96	95	83
• Measles	2009	95	91	93	82
• Hepatitis (HepB3)	2009	95	92	66	70
• Haemophilus influenza type b (Hib3)	2009	95	2	85	38

**Government Funding of Vaccines:**

Routinely administered in a country to protect children and are financed by the national government (including loans).

**EPI:**

Expanded Program on Immunisation. Immunisation covers BCG, DPT1, DPT3, Polio, Measles as well as vaccinations of pregnant women to protect babies against neonatal tetanus. In some countries, immunisation includes HepB, Hib.

**BCG:**

bacille Calmette-Guerin vaccine.

**DPT1:**

First dose of diphtheria / pertussis/ tetanus vaccine.

**DPT3:**

Three doses of diphtheria / pertussis/ tetanus vaccine.

**HepB3:**

Three doses of hepatitis B vaccine.

**Hip3:**

Three doses of Haemophilus influenza type b

<sup>6</sup> SOURCE: UNICEF and WHO.

# THE STATE OF THE WORLD'S CHILDREN 2011

## c) Health Indicators

INDICATOR	YEAR	MALAYSIA	EAST ASIA & PACIFIC	INDUSTRIALISED COUNTRIES	WORLD
<b>Maternal Health <sup>7</sup></b>					
Maternal mortality ratio per 100,000 live births – Reported <sup>†</sup>	2005-2009*	29	-	-	-
Maternal mortality ratio per 100,000 live births – Adjusted <sup>†</sup>	2008	31	88	14	260
Lifetime risk of maternal death	2008	1 in: 1200	1 in: 600	1 in: 4,300	1 in: 140
<b>Antenatal Care Coverage <sup>8</sup></b>					
% of women at least once	2005-2009*	79	90	-	79
% of women at least 4 times	2005-2009*	-	76**	-	53**
<b>Delivery Care Coverage <sup>9</sup></b>					
% Skilled attendant at birth	2005-2009*	99	90	-	65
% Institutional delivery	2005-2009*	98	78	-	58

<sup>†</sup> : The maternal mortality data in the column headed 'reported' refer to data reported by national authorities. The data in the column headed 'adjusted' refer to the 2008 United Nations Interagency maternal mortality estimates that were released in the late 2010.

\* : Data refer to the most recent year available during the period specified

\*\* : Excludes China

- Maternal Mortality Ratio (MMR):** Annual number of deaths of women from pregnancy-related causes. "Reported" figures show country reported figures that are not adjusted for under-reporting and misclassification.
- Lifetime Risk of Maternal Health:** Takes into account both the probability of becoming pregnant and the probability of dying as a result of that pregnancy accumulated across a woman's reproductive years.
- Antenatal Care** Women 15-49 years old who attended at least once during pregnancy by skilled health personnel (doctors, nurses, midwives) and the percentage attended by any provider at least four times.
- Skilled Attendant at Birth:** Attended by skilled health personnel (doctors, nurses, midwives)
- Institutional Delivery:** Proportion of women 15-49 years who gave birth during the 2 years preceding the survey and delivered at a health facility.

<sup>7</sup> SOURCE: WHO and UNICEF

<sup>8</sup> SOURCE: Demographic and Health Surveys, Multiple Indicator Cluster Surveys, national household surveys.

<sup>9</sup> SOURCE: Demographic and Health Surveys, Multiple Indicator Cluster Surveys, WHO, UNICEF

## THE STATE OF THE WORLD'S CHILDREN 2011

### c) Health Indicators

INDICATOR	YEAR	MALAYSIA	EAST ASIA & PACIFIC	INDUSTRIALISED COUNTRIES	WORLD
<b>HIV and AIDS <sup>10</sup></b>					
Estimated adult HIV prevalence rate (aged 15-49)	2009	0.5	0.2	0.3	0.8
HIV prevalence among young people (aged 15-24) – Male	2009	0.1	<0.1	0.2	0.3
HIV prevalence among young people (aged 15-24) – Female	2009	<0.1	<0.1	0.1	0.6
<b>Estimated people living with HIV</b>					
Estimate – All ages ('000)	2009	100	2,300	2,100	33,300
Low Estimate – All ages ('000)	2009	83	2,000	1,800	31,400
High Estimate – All ages ('000)	2009	120	2,800	2,500	35,300
Estimate – Women aged 15+ ('000)	2009	11	750	570	15,900
<b>Orphans, Children aged 0-17</b>					
Estimate – Orphaned by AIDS ('000)	2009	-	490	100	16,600
Estimate – Orphaned due to all causes ('000)	2009	450	30,500	4,300	153,000

<sup>10</sup> SOURCE: UNAIDS Report on the Global AIDS Epidemic, 2010