

USAID Country Health Statistical Report

# Indonesia

# **June 2005**



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### **About the Report**

#### Released June 2005

This report is one of a series of Country Health Statistical Reports produced on behalf of the United States Agency for International Development (USAID) by the Population, Health and Nutrition Information (PHNI) Project. Each profile contains statistical data on current health conditions, population dynamics, health and family planning behavior, and health and population trends in a given developing country. Information is compiled from PHNI's health statistics database, which draws data from a diverse range of sources listed at the end of this profile.

Hard copy editions of USAID's profiles are available from PHNI'S publications department. Reports are available on the USAID Global Health Web site in Portable Document Format (pdf). Any feedback you have on the content or presentation of this report would be greatly appreciated. We would also appreciate receiving any more recent, more accurate, or more representative information. Contact us at the following:



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## **I. Statistical Overview**

\*see data notes

Demographic Indicators				
Indicator	Value	Data Unit	Year	Source
Total Population	238,452,952		2004	BUCEN-IDB-2004
Population Growth Rate	1.5	%	2004	BUCEN-IDB-2004
Percent Urban	43	%	2002	World Bank/WDI-2004
Women, 15-19	10,756,033		2004	BUCEN-IDB-2004
Women, 15-49	65,715,337		2004	BUCEN-IDB-2004
Life Expectancy at Birth	69.3		2004	BUCEN-IDB-2004
Crude Birth Rate	21.1	per 1,000	2004	BUCEN-IDB-2004
Crude Death Rate	6.3	per 1,000	2004	BUCEN-IDB-2004
Number of Live Births	5,033,742		2004	BUCEN-IDB-2004

Socioeconomic Indicators				
Indicator	Value	Data Unit	Year	Source
GNI per Capita (PPP)	3,070	\$	2002	World Bank/WDI-2004
Health Expenditure as Percentage of GDP	2.4	%	2001	World Bank/WDI-2004
Physicians per 1,000 People	0.16	per 1,000	1994	World Bank/WDI-2004
Adult Literacy Rate	87.9	%	2002	World Bank/WDI-2004
Adult Literacy Rate, Female	83.4	%	2002	World Bank/WDI-2004
Adult Literacy Rate, Male	92.5	%	2002	World Bank/WDI-2004
Gross Enrollment Rate - Primary School	110	%	2000	UNESCO-2003/4
Gender Parity Index - Net Enrollment Rate	0.99		2000	UNESCO-2003/4
Access to an Improved Water Source (Rural)	69	%	2000	World Bank/WDI-2004
Access to an Improved Water Source (Urban)	90	%	2000	World Bank/WDI-2004
Access to Improved Sanitation Facilities (Rural)	46	%	2000	World Bank/WDI-2004
Access to Improved Sanitation Facilities (Urban)	69	%	2000	World Bank/WDI-2004

Family Planning Indicators										
Indicator	Value	Data Unit	Year	Source						
Total Fertility Rate (BUCEN)	2.4		2005	BUCEN-IDB-2002						
Total Fertility Rate (DHS)	2.6		2002	Indonesia DHS-2002-2003						
Contraceptive Prevalence Rate, Modern Methods, All Women	51.2	%	1997	Indonesia DHS-1997						
Contraceptive Prevalence Rate, Modern Methods, Married Women	56.7	%	2002	Indonesia DHS-2002-2003						
Median Age of Sexual Debut Among Women, Ages 25-49	19.6		1997	Indonesia DHS-1997						
Mean Ideal Family Size	2.9 <sup>1</sup>		2002	Indonesia DHS-2002-2003						
Women 20-24 Who Gave Birth Before Age 20	40.7	%	2002	Indonesia DHS-2002-2003						

Maternal Health Indicators				
Indicator	Value	Data Unit	Year	Source
Maternal Mortality Ratio (WHO/Hill)	230	Per 100,000 live births	2000	WHO/Hill-2004
Maternal Mortality Ratio (DHS)	307	Per 100,000 live births	2002	Indonesia DHS-2002-2003
Antenatal Care (at least 1 visit)	94.9 <sup>2</sup>	%	2002	Indonesia DHS-2002-2003
Antenatal Care (2+ visits)	92.4 3	%	2002	Indonesia DHS-2002-2003
Antenatal Care (4+ visits)	81 <sup>4</sup>	%	2002	Indonesia DHS-2002-2003
Assisted Delivery by a Health Professional	66.3	%	2002	Indonesia DHS-2002-2003
Assisted Delivery by Doctor	11	%	2002	Indonesia DHS-2002-2003
Assisted Delivery by Other Health Professional	55.3	%	2002	Indonesia DHS-2002-2003

 <sup>&</sup>lt;sup>1</sup> The value for this country represents the ideal family size for ever-married women only.
 <sup>2</sup> The value for this country represents data from the five-year period preceding the survey.
 <sup>3</sup> The value for this country represents data from the five-year period preceding the survey.
 <sup>4</sup> The value for this country represents data from the five-year period preceding the survey.

Child Survival Indicators				
Indicator	Value	Data Unit	Year	Source
Acute Respiratory Infection (ARI) and Oral Rehydr	ration The	rapy (ORT)		
ARI Treatment - Children Under 5	56.8	%	2002	Indonesia DHS-2002-2003
ORT Use Rate (ORS, RHS, or Increased Fluids)	60.6	%	2002	Indonesia DHS-2002-2003
Mortality Indicators	•			
Infant Mortality Rate (BUCEN)	35.6	per 1,000 live births	2005	BUCEN-IDB-2002
Infant Mortality Rate (DHS)	35	per 1,000 live births	2002	Indonesia DHS-2002-2003
Infant Mortality Rate, Females (BUCEN)	30.2	per 1,000 live births	2005	BUCEN-IDB-2002
Infant Mortality Rate, Males (BUCEN)	40.7	per 1,000 live births	2005	BUCEN-IDB-2002
Under-5 Mortality Rate (BUCEN)	45.5	per 1,000 live births	2005	BUCEN-IDB-2003
Under-5 Mortality Rate (UNICEF)	43	per 1,000 live births	2002	UNICEF-2004
Under-5 Mortality Rate (DHS)	46	per 1,000 live births	2002	Indonesia DHS-2002-2003
Nutrition Indicators				
Exclusive Breastfeeding (under 4 mos.)	55.1	%	2002	Indonesia DHS-2002-2003
Exclusive Breastfeeding (under 6 mos.)	39.5	%	2002	Indonesia DHS-2002-2003
Stunted (height-for-age)		Data	Not Avail	able
Underweight (weight-for-age)		Data	Not Avail	able
Wasted (weight-for-height)		Data	Not Avail	able
Vaccination Coverage				
DPT3 Vaccination Rate (DHS)	58.3	%	2002	Indonesia DHS-2002-2003
DPT3 Vaccination Rate (WHO)	75	%	2002	WHO/Global Summary-2003
Measles Vaccination Rate (DHS)	71.6	%	2002	Indonesia DHS-2002-2003
Measles Vaccination Rate (WHO)	76	%	2002	WHO/Global Summary-2003
Polio Vaccination Rate (DHS)	66.1	%	2002	Indonesia DHS-2002-2003
Polio Vaccination Rate (WHO)	74	%	2002	WHO/Global Summary-2003
Tetanus Toxoid Vaccination	50.7 <sup>1</sup>	%	2002	Indonesia DHS-2002-2003

<sup>&</sup>lt;sup>1</sup> The value for this country represents data from the five-year period preceding the survey.

HIV/AIDS Prevention Indicators											
Indicator	Value	Data Unit	Year	Source							
HIV Prevalence proportion: Adults (15–49 years)	0.1	%	2003	UNAIDS-2004							
Estimated number of people living with HIV: Adults and Children	110,000		2003	UNAIDS-2004							
Estimated number of people living with HIV: Women (15–49 years)	15,000 2003 UNAIDS-20										
Estimated number of people living with HIV: Children (0–14 years)	Data Not Available										
Males Reporting Condom Use With Last Non-Regular Partner	Data Not Available										
Females Reporting Condom Use With Last Non-Regular Partner		Data Not	Available	)							

Infectious Diseases Control Indicators											
Indicator	Value	Data Unit	Year	Source							
TB Estimated Number of Cases	556,625		2002	WHO/TB Control Report-2004							
TB Case Detection Rate	30	%	2002	WHO/TB Control Report-2004							
TB (DOTS) Treatment Success Rate	86	%	2001	WHO/TB Control Report-2004							
Malaria Cases per 100,000	93	per 100,000	2001	WHO/RBM-2004							

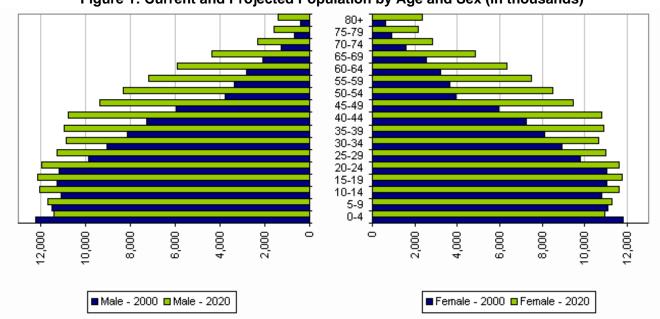


Figure 1: Current and Projected Population by Age and Sex (in thousands)

Table 1.1: Current and Projected Population by Age and Sex

Source: BUCEN-IDB

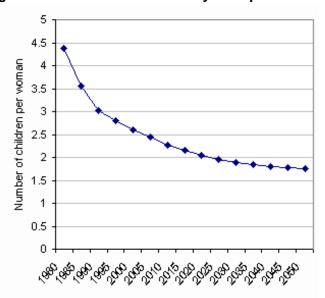
		Source. DOCL	11100	
Age Group	Male - 2000	Male - 2020	Female - 2000	Female - 2020
0-4	12,220,951	11,396,453	11,784,205	10,932,703
5-9	11,484,202	11,698,383	11,103,157	11,249,427
10-14	11,105,410	12,022,947	10,772,733	11,590,670
15-19	11,292,349	12,131,532	11,041,218	11,732,570
20-24	11,202,615	11,943,451	11,038,303	11,604,218
25-29	9,858,570	11,264,035	9,779,828	10,992,401
30-34	9,041,529	10,859,810	8,939,268	10,647,023
35-39	8,158,156	10,976,162	8,099,538	10,867,613
40-44	7,273,062	10,794,417	7,231,778	10,790,336
45-49	5,937,493	9,344,813	5,961,363	9,454,140
50-54	3,759,265	8,323,836	3,951,336	8,490,643
55-59	3,344,727	7,167,829	3,659,767	7,470,963
60-64	2,813,766	5,930,830	3,237,744	6,353,130
65-69	2,088,387	4,342,371	2,522,871	4,848,612
70-74	1,264,384	2,318,941	1,605,644	2,828,551
75-79	663,506	1,598,467	895,065	2,165,054
80+	390,760	1,395,128	615,488	2,363,102

**TABLE 1.2: Population Estimates and Projections** 

Source: BUCEN-IDB

1960	1970	1980	1990	2000	2010	2020	2030	2040	2050
100,145,649	122,291,795	154,378,760	188,005,383	224,138,438	258,824,837	287,890,561	311,323,679	327,855,104	336,247,428

Figure 2: Estimated Total Fertility Rate per Woman



**Table 2: Estimated Total Fertility Rate per Woman** 

Source: BUCEN-IDB

1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050
4.4	3.6	3.0	2.8	2.6	2.4	2.3	2.1	2.0	2.0	1.9	1.8	1.8	1.8	1.7

Figure 3: Infant Mortality Rates / Under-5 Mortality Rates

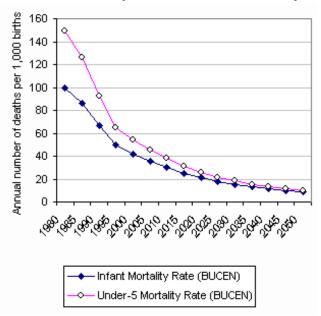
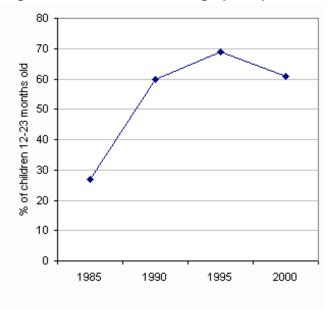


Table 3: Infant Mortality Rates / Under-5 Mortality Rates

Source: BUCEN-IDB 2002

Indicator	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050
Infant Mortality Rate (BUCEN)	99.7	86.4	66.9	49.7	42.1	35.6	30.0	25.2	21.2	17.9	15.2	12.9	11.1	9.7	8.5
Under-5 Mortality Rate (BUCEN)	149.2	125.8	92.3	65.2	54.6	45.5	37.8	31.4	26.1	21.8	18.3	15.4	13.2	11.3	9.9

Figure 4: Vaccination Coverage (DPT3) Trends



**Table 4: Vaccination Coverage (DPT3) Trends** 

Source: WHO/Global Summary 1985 1990 1995 2000

1985	1990	1995	2000		
27.0	60.0	69.0	61.0		

Figure 5: Contraceptive Prevalence Rates, Modern Methods, Married Women

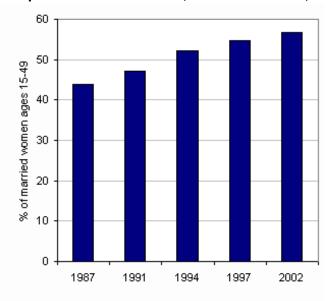


Table 5: Contraceptive Prevalence Rates, Modern Methods, Married Women

Source: Indonesia DHS

19	87	1991	1994	1997	2002
4	3.9	47.1	52.1	54.7	56.7

### **Data Notes**

\*Indicator definitions that differ from those in the data notes section are identified by footnotes accompanying the indicator tables.

Demograph	ic Inc	licators
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Total Population The number of people in a given area (i.e., country) in a particular time period (usually a midyear

estimate).

Population Growth Rate The average annual growth rate is the rate of natural increase in a population plus the net migration

rate. The rate of natural increase is the difference between the birth rate and the death rate, but it is

conventionally measured in percentage terms (per hundred rather than per thousand).

Percent Urban The percentage of the midyear population living in areas defined as urban in each country and reported

to the United Nations.

Women, 15-19 The number of women between the ages of 15-19 in the midyear population.

Women, 15-49 The number of women between the ages of 15-49 in the midyear population.

Life Expectancy at Birth The average number of years that a person at age 0 will live if age-specific death rates remain constant.

Life expectancy at birth is highly affected by rates of infant and child death.

Crude Birth Rate The number of births per thousand of the population. The product of the number of live births, divided by

the midpoint population, multiplied by 1,000.

Crude Death Rate The number of deaths per thousand of the population. The product of the number of deaths divided by

the midpoint population, multiplied by 1,000.

Number of Live Births The number of live births, annually, within a country.

#### Socioeconomic Indicators

GNI per Capita (PPP) The gross national income (GNI) converted to international dollars using purchasing power parity (PPP)

rates. An international dollar has the same purchasing power over GNI as a U.S. dollar has in the

United States.

Health Expenditure as Percentage of GDP Total health expenditures is the sum of public and private health expenditures figured as a percentage of a country's gross domestic product (GDP). It covers the provision of health services (preventive and

curative), family planning activities, nutrition activities, and emergency aid designated for health but

does not include provision of water and sanitation.

Physicians per 1,000 People

Physicians are defined as graduates of any faculty or school of medicine who are working in the country

in any medical field (practice, teaching, research).

Adult Literacy Rate The percentage of people ages 15 and over who can, with understanding, read and write a short, simple

statement about their everyday life.

Adult Literacy Rate, Female

The percentage of women ages 15 and over who can, with understanding, read and write a short,

simple statement about their everyday life.

Adult Literacy Rate, Male The percentage of men ages 15 and over who can, with understanding, read and write a short, simple

statement about their everyday life.

**Gross Enrollment Rate - Primary School** 

Total enrolment in primary level of education, regardless of age, expressed as a percentage of the official school-age population corresponding to primary level of education in give school-year. GER can be over 100% due to the inclusion of over-aged and under-aged pupils/students because of early or late

entrants, and grade repetition.

Gender Parity Index - Net Enrollment Rate

The ratio of the female-to-male net primary school enrollment rates measures progress towards gender equity in school attendance and the level of learning opportunities available for women in relation to those available to men. Calculation Method: Divide the female net primary school enrollment rate by the male net primary school enrollment rate.

Access to an Improved Water Source (Rural)

Access to an improved water source in rural areas. Refers to the percentage of the rural population with reasonable access to an adequate amount of water from an improved source, such as a household connection, public standpipe, borehole, protected well or spring, or rainwater collection. Unimproved sources include vendors, tanker trucks, and unprotected wells and springs. Reasonable access is defined as the availability of at least 20 liters a person a day from a source within one kilometer of the dwelling.

Access to an Improved Water Source (Urban)

Access to an improved water source in urban areas. Refers to the percentage of the urban population with reasonable access to an adequate amount of water from an improved source, such as a household connection, public standpipe, borehole, protected well or spring, or rainwater collection. Unimproved sources include vendors, tanker trucks, and unprotected wells and springs. Reasonable access is defined as the availability of at least 20 liters a person a day from a source within one kilometer of the dwelling.

Access to Improved Sanitation Facilities (Rural)

Access to improved sanitation facilities in rural areas. Refers to the percentage of the rural population with access to at least adequate excreta disposal facilities (private or shared, but not public) that can effectively prevent human, animal, and insect contact with excreta.

Access to Improved Sanitation Facilities (Urban)

Access to improved sanitation facilities in urban areas. Refers to the percentage of the urban population with access to at least adequate excreta disposal facilities (private or shared, but not public) that can effectively prevent human, animal, and insect contact with excreta.

#### Family Planning Indicators

Total Fertility Rate (BUCEN)

The number of children a woman between ages 15-49 would have during her reproductive life, if, for all of her childbearing years she were to experience the age-specific birth rates for that given year.

**Total Fertility Rate (DHS)** 

The number of children a woman between ages 15-49 would have during her lifetime if she were to bear children at the currently observed rates.

Contraceptive Prevalence Rate, Modern Methods, All Women Percentage of all women ages 15-49 currently using a modern method of contraception. Modern methods include oral contraceptives, IUDs, injectables, female and male sterilization, all emergency contraception, and barrier methods (diaphragm, foam, jelly, male and female condom).

Contraceptive Prevalence Rate, Modern Methods, Married Women

Percent of currently married women ages 15-49 currently using a modern method of contraception. Modern methods include oral contraceptives, IUDs, injectables, female and male sterilization, all emergency contraception, and barrier methods (diaphragm, foam, jelly, male and female condom).

Median Age of Sexual Debut Among Women, Ages 25-49 Median age of first sexual intercourse for women ages 25-49.

**Mean Ideal Family Size** 

Mean ideal number of children for all women, according to number of living children.

Women 20-24 Who Gave Birth Before Age 20

Percentage of women ages 20-24 who have given birth before age 20.

#### Maternal Health Indicators

Maternal Mortality Ratio (WHO/Hill)

The estimated number of women who die as a result of pregnancy or childbirth per 100,000 live births arrived through Hill et al., adjustment procedure depending on the nature of data used. The margins of uncertainty associated with the estimated maternal mortality ratios are very large and the estimates should not be used to monitor trends in the short term (including comparisons between 1995 and 2000 estimates). In addition, cross-country comparisons should be treated with considerable circumspection because different strategies are used to derive the estimates for different countries rendering comparisons fraught with difficulty. For further information please refer to the source.

### Maternal Mortality Ratio (DHS)

The estimated number of women who die as a result of pregnancy or childbirth per 100,000 live births, arrived mostly through the "sisterhood method". The data are aggregated based on different time periods ranging from four to ten years preceding the survey. Thus, the data may not be suitable for trend analysis due to over-lapping year ranges of estimates. For further information on methodology please refer to: Stanton, Cynthia, Noureddine Abderrahim, and Kenneth Hill. 1997. DHS Maternal Mortality Indicators: An assessment of Data Quality and Implications for Data Use. Calverton: Macro International Inc., or individual country DHS reports.

### Antenatal Care (at least 1 visit)

Percentage of women of reproductive age (15-49) who receive at least one antenatal care visit during pregnancy (in the three-year period preceding the survey).

#### **Antenatal Care (2+ visits)**

Percentage of women of reproductive age (15-49) who receive at least two antenatal care visits during pregnancy (in the three-year period preceding the survey).

#### **Antenatal Care (4+ visits)**

Percentage of women of reproductive age (15-49) who receive four or more antenatal care visits during pregnancy (in the three-year period preceding the survey).

### Assisted Delivery by a Health Professional

The percentage of births/deliveries that occur with the assistance of any trained health professional during the five-year period preceding the survey. May include doctors, nurses, midwives, village health workers, or any other trained health professional.

### Assisted Delivery by Doctor

The percentage of live births/deliveries that occur with the assistance of a doctor during the five-year period preceding the survey.

#### Assisted Delivery by Other Health Professional

The percentage of live births/deliveries that occur with the assistance of a nurse, midwife, village health worker, or any other trained health professional besides a doctor during the five-year period preceding the survey.

#### Child Survival Indicators

ARI Treatment - Children Under 5

Percentage of children under five years who were ill with an acute respiratory infection (ARI), which is associated with cough, rapid breathing and a high fever, during the two weeks preceding the survey, for whom treatment was sought from a health facility or provider.

# ORT Use Rate (ORS, RHS, or Increased Fluids)

Oral Rehydration Therapy (ORT). Percentage of children under age 5 with diarrhea two weeks prior to survey who received increased fluids, oral rehydration solution (ORS) or recommended home solution (RHS).

### Infant Mortality Rate (BUCEN)

The estimated annual number of deaths of infants under 12 months in a given year per 1,000 live births in that same year.

### Infant Mortality Rate (DHS)

The estimated annual number of deaths of infants under 12 months in a given year per 1,000 live births in that same year (five-year period preceding survey).

### Infant Mortality Rate, Females (BUCEN)

The estimated annual number of deaths of female infants under 12 months in a given year per 1,000 live births in that same year.

### Infant Mortality Rate, Males (BUCEN)

The estimated annual number of male infants under 12 months in a given year per 1,000 live births in that same year.

### Under-5 Mortality Rate (BUCEN)

Annual number of deaths that occur in children 0-4 years old per 1,000 births.

### Under-5 Mortality Rate (UNICEF)

Annual number of deaths that occur in children 0-4 years old per 1,000 births (five-year period preceding survey).

### Under-5 Mortality Rate (DHS)

Annual number of deaths that occur in children 0-4 years old per 1,000 births (five-year period preceding survey).

### Exclusive Breastfeeding (under 4 mos.)

Percentage of children under 4 months exclusively breastfed. Exclusive breastfeeding is defined as providing no food or liquid other than breast milk to the child during the 24-hour period before the survey.

## Exclusive Breastfeeding (under 6 mos.)

Percentage of children under 6 months exclusively breastfed. Exclusive breastfeeding is defined as providing no food or liquid other than breast milk to the child during the 24-hour period before the survey.

Stunted (height-for-age) Percentage of children under age five whose height-for-age is below minus-two standard deviations from the median of the reference population. Underweight (weight-for-Percentage of children under age five whose weight-for-age is below minus-two standard deviations age) from the median of the reference population. Wasted (weight-for-Percentage of children under age five whose weight-for-height is below minus-two standard deviations height) from the median of the reference population. **DPT3 Vaccination Rate** Proportion of living children 12-23 months old who have received three complete doses of vaccines (DHS) against diphtheria, pertussis, and tetanus. **DPT3 Vaccination Rate** Proportion of living children 12-23 months old who have received three complete doses of vaccines (WHO) aginst diphtheria, pertussis, and tetanus. **Measles Vaccination** Percentage of living children 12-23 months old who have received one dose of Measles Containing Rate (DHS) Vaccince. **Measles Vaccination** Percentage of living children 12-23 months old who have received one dose of Measles Containing Rate (WHO) Vaccince. **Polio Vaccination Rate** Proportion of living children 12-23 months who have received three doses of polio vaccine. (DHS) **Polio Vaccination Rate** Proportion of living children 12-23 months who have received three doses of polio vaccine. (WHO)

HIV/AIDS Prevention Indicators

HIV Prevalence proportion is the estimated number of adults living with HIV divided by the proportion: Adults (15–49 adult population (aged 15–49).

preceding survey).

Estimated number of people living with HIV: Adults and Children

**Tetanus Toxoid** 

Vaccination

Estimated number of adults and children living with HIV. Children are defined as those aged 0–14 years.

Percentage of pregnant women receiving two (or more) doses of tetanus toxoid (three-year period

Estimated number of people living with HIV: Women (15–49 years)

Estimated number of women (aged 15-49) living with HIV.

Estimated number of people living with HIV: Children (0–14 years)

Estimated number of children under age 15 living with HIV.

Males Reporting Condom Use With Last Non-Regular Partner Among men who have had sex in the last year, percentage who used condoms during their last sexual intercourse with a non-regular partner/non-cohabitating partner.

Females Reporting Condom Use With Last Non-Regular Partner

100,000

Among women who have had sex in the last year, percentage who used condoms during their last sexual intercourse with a non-regular partner/non-cohabitating partner.

#### Infectious Diseases Control Indicators

The estimated number of cases (all forms).

The case Detection Rate is defined as the percentage of the annual new smear-positive notifications of the estimated annual new smear-positive incidence.

The proportion of smear-positive patients who were cured plus the proportion who completed treatment.

Success Rate

Malaria Cases per

Number of malaria cases per 100,000 of the population during the year for which data was reported.

## **Statistical Sources For Indonesia**

BUCEN-IDB 2002	United States Census Bureau (BUCEN), International Programs Center. International Database. October 2002.	
BUCEN-IDB 2003	United States Census Bureau (BUCEN), International Programs Center. International Database. July 2003.	
BUCEN-IDB 2004	United States Census Bureau (BUCEN), International Programs Center. International Database. April 2004.	
Indonesia DHS 1987	Central Bureau of Statistics, National Family Planning Coordinating Board, and Institute for Resource Development/Westinghouse. Indonesia National Contraceptive Prevalence Survey 1987. Columbia, MD: IRD, 1989.	
Indonesia DHS 1991	Central Bureau of Statistics, National Family Planning Coordinating Board, Ministry of Health and Macro International Inc. Indonesia: Demographic and Health Survey, 1991. Columbia, Md.: Macro International, Inc., Oct. 1992.	
Indonesia DHS 1994	Central Bureau of Statistics, Jakarta, Indonesia; State Ministry of Population/National Family Planning Coordinating Board, Jakarta, Indonesia; Ministry of Health, Jakarta, Indonesia, Macro International Inc., Calverton, MD USA. Indonesia Demographic and	
Indonesia DHS 1997	Central Bureau of Statistics, State Minisry of Population, Ministry of Health and Macro International, Inc. "Indonesia Demographic and Health Survey, 1997." Macro International, Calverton, MD; 1998	
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