*USAID Country Health Statistical Report*

# Morocco

**October 2003**

Population, Health, Nutrition Information Project

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# About the Report

**Released October 2003**

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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The PHNI Project, a USAID project managed by Jorge Scientific Corporation, with The Futures Group International and John Snow, Inc., prepared this document under the Data for Decision Making Project (936-3098.01), contract number HRN-C-00-00-00004-00, with the Bureau for Global Health, USAID.

# I. Statistical Overview

*see data notes

| Demographic Indicators | | | | |
|---|---|---|---|---|
| **Indicator** | **Value** | **Data Unit** | **Year** | **Source** |
| Total Population | 31,689,265 | | 2003 | BUCEN-IDB-2002 |
| Population Growth Rate | 1.6 | % | 2003 | BUCEN-IDB-2002 |
| Percent Urban | 56.1 | % | 2001 | World Bank/WDI-2003 |
| Women, 15-19 | 1,703,744 | | 2003 | BUCEN-IDB-2002 |
| Women, 15-49 | 8,546,776 | | 2003 | BUCEN-IDB-2002 |
| Life Expectancy at Birth | 70 | | 2003 | BUCEN-IDB-2002 |
| Crude Birth Rate | 23.3 | per 1,000 | 2003 | BUCEN-IDB-2002 |
| Crude Death Rate | 5.8 | per 1,000 | 2003 | BUCEN-IDB-2002 |
| Number of Live Births | 737,092 | 000s | 2003 | BUCEN-IDB-2002 |

| Socioeconomic Indicators | | | | |
|---|---|---|---|---|
| **Indicator** | **Value** | **Data Unit** | **Year** | **Source** |
| GNI per Capita (PPP) | 3,500 | $ | 2001 | World Bank/WDI-2003 |
| Health Expenditure as Percentage of GDP | 4.5 | % | 2000 | World Bank/WDI-2003 |
| Physicians per 1,000 People | 0.46 | | 1997 | World Bank/WDI-2002 |
| Adult Literacy Rate | 49.8 | % | 2001 | World Bank/WDI-2003 |
| Adult Literacy Rate, Female | 37.2 | % | 2001 | World Bank/WDI-2003 |
| Adult Literacy Rate, Male | 62.6 | % | 2001 | World Bank/WDI-2003 |
| Gross Enrollment Rate - Primary School | 90.4 | % | 1999-2000 | UNESCO-2002 |
| Gender Parity Index - Net Enrollment Rate | 0.88 | | 1999-2000 | UNESCO-2002 |
| Access to an Improved Water Source (Rural) | 58 | % | 2000 | World Bank/WDI-2001 |
| Access to an Improved Water Source (Urban) | 100 | % | 2000 | World Bank/WDI-2001 |
| Access to Improved Sanitation Facilities (Rural) | 42 | % | 2000 | World Bank/WDI-2001 |
| Access to Improved Sanitation Facilities (Urban) | 100 | % | 2000 | World Bank/WDI-2001 |

## Family Planning Indicators

| Indicator | Value | Data Unit | Year | Source |
|---|---|---|---|---|
| Total Fertility Rate (BUCEN) | 2.9 | | 2003 | BUCEN-IDB-2002 |
| Total Fertility Rate (DHS) | 4 | | 1992 | Morocco DHS-1992 |
| Contraceptive Prevalence Rate, Modern Methods, All Women | 19.7 | % | 1992 | Morocco DHS-1992 |
| Contraceptive Prevalence Rate, Modern Methods, Married Women | 42.4 | % | 1995 | Morocco DHS Panel Study-1995 |
| Median Age of Sexual Debut Among Women, Ages 25-49 | Data Not Available | | | |
| Mean Ideal Family Size | 3.4 | | 1992 | Morocco DHS-1992 |
| Women 20-24 Who Gave Birth Before Age 20 | 19.2 | % | 1992 | Morocco DHS-1992 |

## Maternal Health Indicators

| Indicator | Value | Data Unit | Year | Source |
|---|---|---|---|---|
| Maternal Mortality Ratio (WHO/Hill) | 390 | Per 100,000 live births | 1995 | WHO/Hill-2001 |
| Maternal Mortality Ratio (DHS) | Data Not Available | | | |
| Antenatal Care (at least 1 visit) | 34.7 | % | 1992 | Morocco DHS-1992 |
| Antenatal Care (2+ visits) | 24.6 | % | 1992 | Morocco DHS-1992 |
| Antenatal Care (4+ visits) | 8.3 | % | 1992 | Morocco DHS-1992 |
| Assisted Delivery by a Health Professional | 30.8 | % | 1992 | Morocco DHS-1992 |
| Assisted Delivery by Doctor | 5.9 | % | 1992 | Morocco DHS-1992 |
| Assisted Delivery by Other Health Professional | 24.9 | % | 1992 | Morocco DHS-1992 |

| Child Survival Indicators | | | | |
|---|---|---|---|---|
| **Indicator** | **Value** | **Data Unit** | **Year** | **Source** |
| **Acute Respiratory Infection (ARI) and Oral Rehydration Therapy (ORT)** | | | | |
| ARI Treatment - Children Under 5 | 18.1 | % | 1992 | Morocco DHS-1992 |
| ORT Use Rate (ORS, RHS, or Increased Fluids) | 53.7 | % | 1992 | Morocco DHS-1992 |
| **Mortality Indicators** | | | | |
| Infant Mortality Rate (BUCEN) | 44.9 | per 1,000 live births | 2003 | BUCEN-IDB-2002 |
| Infant Mortality Rate (DHS) | 57.3 | per 1,000 live births | 1992 | Morocco DHS-1992 |
| Infant Mortality Rate, Females (BUCEN) | 40.8 | per 1,000 live births | 2003 | BUCEN-IDB-2002 |
| Infant Mortality Rate, Males (BUCEN) | 48.8 | per 1,000 live births | 2003 | BUCEN-IDB-2002 |
| Under-5 Mortality Rate (BUCEN) | 56.9 | per 1,000 live births | 2003 | BUCEN-IDB-2002 |
| Under-5 Mortality Rate (UNICEF) | 44 | per 1,000 live births | 2001 | UNICEF-2003 |
| Under-5 Mortality Rate (DHS) | 76.1 | per 1,000 live births | 1992 | Morocco DHS-1992 |
| **Nutrition Indicators** | | | | |
| Exclusive Breastfeeding (under 4 mos.) | 62.5 | % | 1992 | Morocco DHS-1992 |
| Exclusive Breastfeeding (under 6 mos.) | Data Not Available | | | |
| Stunted (height-for-age) | 24.2 | % | 1992 | Morocco DHS-1992 |
| Underweight (weight-for-age) | 9.5 | % | 1992 | Morocco DHS-1992 |
| Wasted (weight-for-height) | 2.2 | % | 1992 | Morocco DHS-1992 |
| **Vaccination Coverage** | | | | |
| DPT3 Vaccination Rate (DHS) | 79.4 | % | 1992 | Morocco DHS-1992 |
| DPT3 Vaccination Rate (WHO) | 96 | % | 2001 | WHO/Global Summary-2002 |
| Measles Vaccination Rate (DHS) | 79.8 | % | 1992 | Morocco DHS-1992 |
| Measles Vaccination Rate (WHO) | 96 | % | 2001 | WHO/Global Summary-2002 |
| Polio Vaccination Rate (DHS) | 79.4 | % | 1992 | Morocco DHS-1992 |
| Polio Vaccination Rate (WHO) | 93 | % | 2001 | WHO/Global Summary-2002 |
| Tetanus Toxoid Vaccination | 60 | % | 1992 | Morocco DHS-1992 |

## HIV/AIDS Prevention Indicators

| Indicator | Value | Data Unit | Year | Source |
|---|---|---|---|---|
| HIV Prevalence, Adults | 0.1 | % | 2001 | UNAIDS-2002 |
| HIV Prevalance, Females 15-24, High Estimates | Data Not Available | | | |
| HIV Prevalance, Females 15-24, Low Estimates | Data Not Available | | | |
| HIV Prevalence, Males 15-24, High Estimates | Data Not Available | | | |
| HIV Prevalence, Males 15-24, Low Estimates | 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 | 35,125 | | 2001 | WHO/TB Control Report-2003 |
| TB Case Detection Rate | 81 | % | 2001 | WHO/TB Control Report-2003 |
| TB (DOTS) Treatment Success Rate | 89 | % | 2000 | WHO/TB Control Report-2003 |
| Malaria | 59 | Reported # of cases | 2001 | WHO/RBM-2003 |

# II. Trends in Health Indicators

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

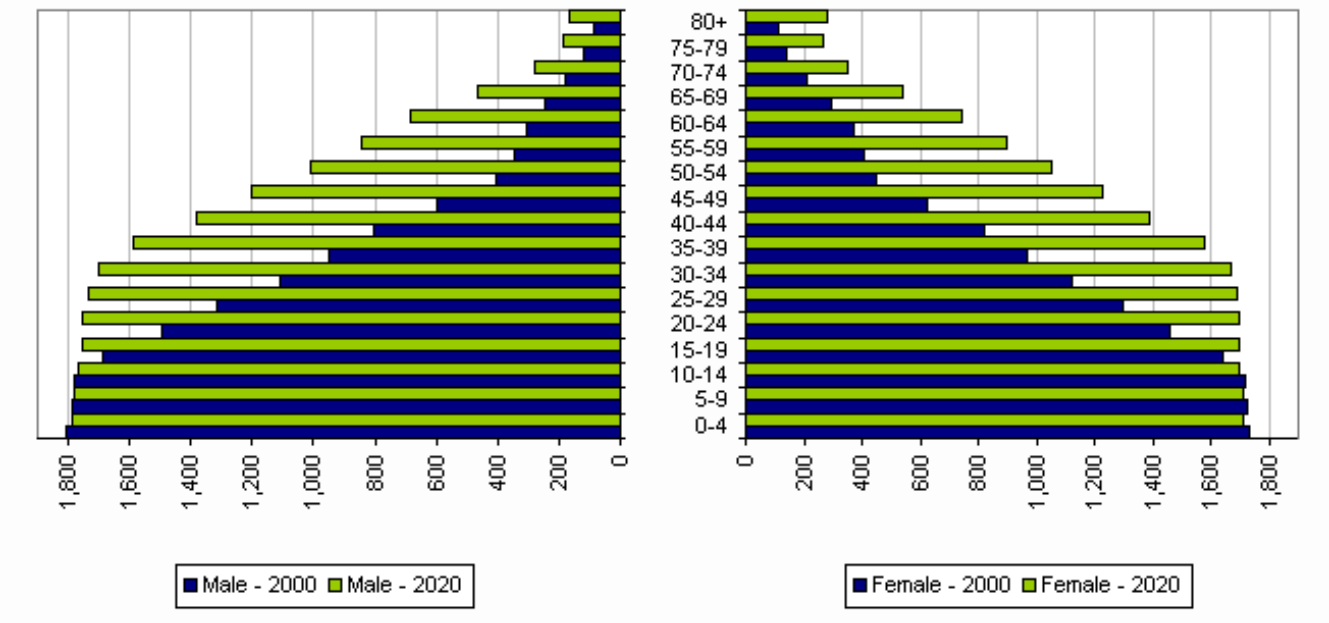


**Table 1.1: Current and Projected Population by Age and Sex**

Source: BUCEN-IDB

| Age Group | Male - 2000 | Male - 2020 | Female - 2000 | Female - 2020 |
|---|---|---|---|---|
| 0-4 | 1,804,844 | 1,784,493 | 1,734,673 | 1,711,223 |
| 5-9 | 1,789,080 | 1,778,464 | 1,723,620 | 1,709,497 |
| 10-14 | 1,778,469 | 1,764,734 | 1,716,821 | 1,699,434 |
| 15-19 | 1,689,077 | 1,755,165 | 1,638,853 | 1,693,817 |
| 20-24 | 1,493,621 | 1,754,774 | 1,457,361 | 1,699,739 |
| 25-29 | 1,314,362 | 1,734,058 | 1,299,632 | 1,689,823 |
| 30-34 | 1,110,799 | 1,697,756 | 1,122,737 | 1,667,739 |
| 35-39 | 948,913 | 1,587,122 | 966,942 | 1,575,530 |
| 40-44 | 806,822 | 1,382,211 | 822,898 | 1,385,914 |
| 45-49 | 597,958 | 1,203,731 | 626,411 | 1,227,047 |
| 50-54 | 406,202 | 1,007,762 | 448,216 | 1,053,083 |
| 55-59 | 348,509 | 842,330 | 405,693 | 896,255 |
| 60-64 | 304,996 | 682,464 | 374,805 | 744,336 |
| 65-69 | 243,296 | 466,697 | 294,409 | 540,284 |
| 70-74 | 181,801 | 275,878 | 210,935 | 352,111 |
| 75-79 | 119,433 | 186,070 | 142,987 | 267,886 |
| 80+ | 88,168 | 166,593 | 109,007 | 281,141 |

**TABLE 1.2: Population Estimates and Projections**

Source: BUCEN-IDB

| 1960 | 1970 | 1980 | 1990 | 2000 | 2010 | 2020 | 2030 | 2040 | 2050 |
|---|---|---|---|---|---|---|---|---|---|
| 12,423,434 | 15,909,275 | 19,487,272 | 24,685,960 | 30,122,350 | 35,300,887 | 40,265,161 | 44,664,487 | 48,237,841 | 50,871,553 |

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

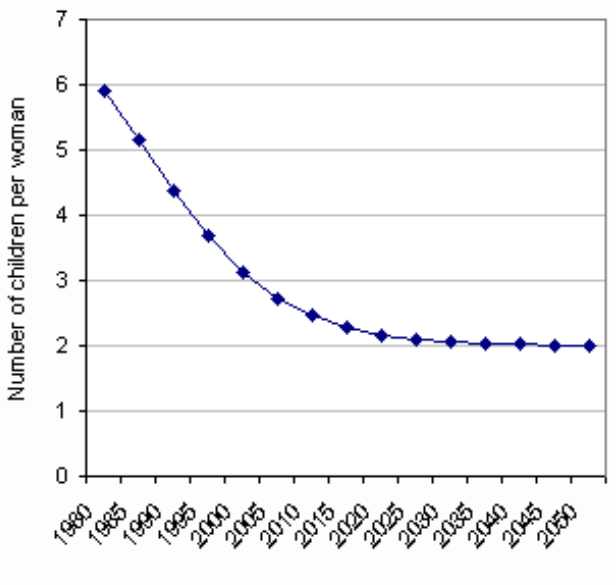


**Table 2: Estimated Total Fertility Rate per Woman**

Source: BUCEN-IDB

| 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.9 | 5.1 | 4.4 | 3.7 | 3.1 | 2.7 | 2.5 | 2.3 | 2.2 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 |

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

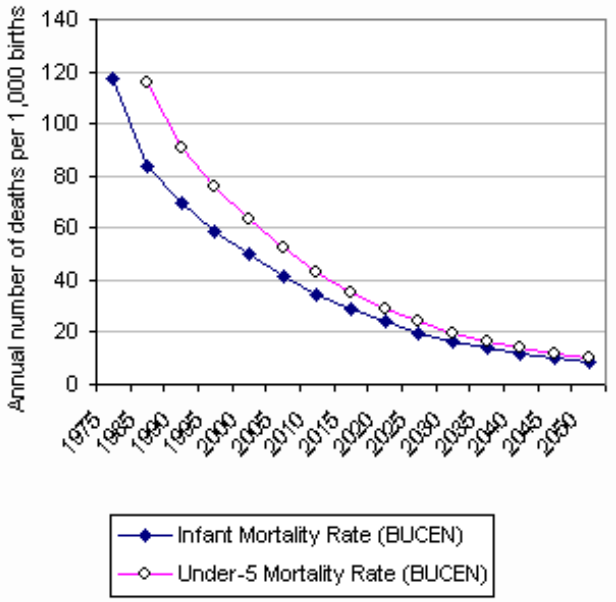


**Table 3: Infant Mortality Rates / Under-5 Mortality Rates**

Source: BUCEN-IDB 2002

| Indicator | 1975 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Infant Mortality Rate (BUCEN) | 117.2 | 83.9 | 69.2 | 59.0 | 49.7 | 41.6 | 34.7 | 28.8 | 23.9 | 19.8 | 16.6 | 13.9 | 11.8 | 10.1 | 8.8 |
| Under-5 Mortality Rate (BUCEN) | | 115.5 | 90.4 | 76.1 | 63.4 | 52.5 | 43.2 | 35.5 | 29.1 | 23.9 | 19.8 | 16.5 | 13.9 | 11.8 | 10.2 |

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

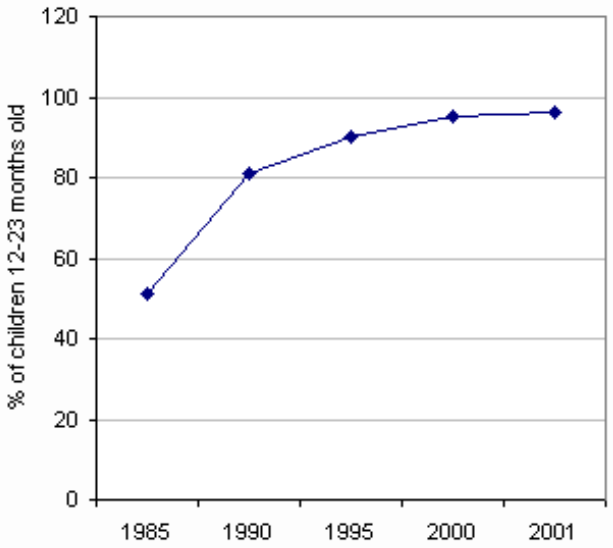


**Table 4: Vaccination Coverage (DPT3) Trends**

Source: WHO/Global Summary

| 1985 | 1990 | 1995 | 2000 | 2001 |
|---|---|---|---|---|
| 51.0 | 81.0 | 90.0 | 95.0 | 96.0 |

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

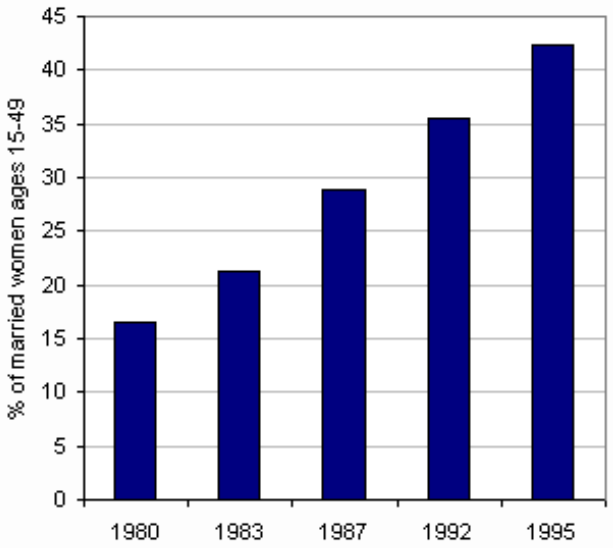


**Table 5: Contraceptive Prevalence Rates, Modern Methods, Married Women**

Source: Morocco DHS
Morocco DHS Panel Study
Ross/TFGI

| 1980 | 1983 | 1987 | 1992 | 1995 |
|---|---|---|---|---|
| 16.6 | 21.2 | 28.9 | 35.5 | 42.4 |

# Data Notes

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

***Demographic Indicators***

| | |
|---|---|
| **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 ages women 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 already given birth. |

***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. |
| **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, and who were treated with specific remedies. |
| **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-age)** | Percentage of children under age five whose weight-for-age is below minus-two standard deviations from the median of the reference population. |
| **Wasted (weight-for-height)** | Percentage of children under age five whose weight-for-height is below minus-two standard deviations from the median of the reference population. |
| **DPT3 Vaccination Rate (DHS)** | Proportion of living children 12-23 months old who have received three complete doses of vaccines against diphtheria, pertussis, and tetanus. |
| **DPT3 Vaccination Rate (WHO)** | Proportion of living children 12-23 months old who have received three complete doses of vaccines aginst diphtheria, pertussis, and tetanus. |

| | |
|---|---|
| **Measles Vaccination Rate (DHS)** | Percentage of living children 12-23 months old who have received one dose of MCV (fully immunized against measles). |
| **Measles Vaccination Rate (WHO)** | Percentage of living children who have received one dose of MCV (fully immunized) against measles. |
| **Polio Vaccination Rate (DHS)** | Proportion of living children 12-23 months who have received three doses of polio vaccine. |
| **Polio Vaccination Rate (WHO)** | Percentage of children receiving three doses of polio vaccine. |
| **Tetanus Toxoid Vaccination** | Percentage of pregnant women receiving two (or more) doses of tetanus toxoid (three-year period preceding survey). |

***HIV/AIDS Prevention Indicators***

| | |
|---|---|
| **HIV Prevalence, Adults** | The estimated number of adults (ages 15-49) living with HIV/AIDS at the end of 1999 divided by the 1999 adult population (ages 15–49). |
| **HIV Prevalance, Females 15-24, High Estimates** | HIV prevalence, adolescent females 15-24 for high estimates. |
| **HIV Prevalance, Females 15-24, Low Estimates** | HIV prevalence, adolescent females 15-24 for low estimates. |
| **HIV Prevalence, Males 15-24, High Estimates** | HIV prevalence, adolescent males 15-24 for high estimates. |
| **HIV Prevalence, Males 15-24, Low Estimates** | HIV prevalence, adolescent males 15-24 for low estimates. |
| **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** | 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***

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|---|---|
| **TB Estimated Number of Cases** | The estimated number of cases (all forms). |
| **TB Case Detection Rate** | TB Case Detection Rate is defined as the percentage of the annual new smear-positive notifications of the estimated annual new smear-positive incidence. |
| **TB (DOTS) Treatment Success Rate** | The proportion of smear-positive patients who were cured plus the proportion who completed treatment. |
| **Malaria** | Reported number of cases of malaria during the year for which data reported. |

# Statistical Sources For Morocco

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| **Morocco DHS 1992** | Ministère de la Santé Publique, Secretariat General. Division de la Planification, de la Statistique et la l'Informatique Service des Etudes et de l'Information Sanitaire and Demographic and Health Surveys, Macro International Inc. Enquête Nationale Sur l |
| **Morocco DHS Panel Study 1995** | Ministère de la Santé Publique, Direction de la Planifacation et des Ressources Financières, Service des Etudes et de l'Information Sanitaire; Demographic and Health Surveys, Macro International, Inc. "Enquête de Panel sur la Population et la Santé (EPPS) |
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| **UNAIDS 2002** | Report on the Global HIV/AIDS Epidemic. July 2002. The Joint United Nations Programme on HIV/AIDS, Geneva. |
| **UNESCO 2002** | Education for All: Is the World on Track? United Nations Educational, Scientific and Cultural Organization, Paris |
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| **WHO/Global Summary 2002** | WHO Vaccine-Preventable Diseases Monitoring System. 2002 Global Summary. World Health Organization, Geneva. |
| **WHO/Hill 2001** | Kenneth Hill, Carla Abou Zahr & Tessa Wardlaw: Estimates of Maternal Mortality for 1995. Bulletin of the World Health Organization, vol. 79, no. 3, 182-193, 2001. |
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| **World Bank/WDI 2001** | World Bank Development Indicators 2001, CD-Rom. Washington, DC: The World Bank, 2001. |
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