

# WHO vaccine-preventable diseases: monitoring system

2007 global summary

Immunization, Vaccines and Biologicals



World Health  
Organization

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# Definitions and notes

## List of acronyms

AD	auto-disable syringe
AFR	Member States belonging to the WHO African Region
AFRO	WHO Regional Office for Africa
AFP	acute flaccid paralysis
AMR	Member States belonging to the WHO Region of the Americas
AMRO	WHO Regional Office for the Americas
aP	acellular pertussis vaccine
BCG	bacille Calmette-Guérin; vaccine against tuberculosis
CBAW	childbearing age women
CRS	congenital rubella syndrome
CI	core indicator
DHS	Demographic and Health Survey
Dip	diphtheria vaccine
DT	diphtheria and tetanus toxoid vaccine
DTaP	diphtheria and tetanus toxoid with acellular pertussis vaccine
DTP	diphtheria–tetanus–pertussis vaccine
DTP3	third dose of diphtheria–tetanus–pertussis vaccine
DTPHepB	tetravalent diphtheria and tetanus toxoid with pertussis and hepatitis B vaccine
DTPHepBIPV	pentavalent diphtheria and tetanus toxoid with pertussis, hepatitis B and inactivated polio vaccine
DTPHib	tetravalent diphtheria and tetanus toxoid with pertussis and <i>Haemophilus influenzae</i> type b vaccine
DTPHibHepB	pentavalent diphtheria and tetanus toxoid with pertussis, <i>Haemophilus influenzae</i> type b and hepatitis B vaccine
DTPHibHepBIPV	hexavalent diphtheria, tetanus toxoid with pertussis, <i>Haemophilus influenzae</i> type b, hepatitis B and inactivated polio vaccine
DTPHibIPV	pentavalent diphtheria and tetanus toxoid with pertussis, <i>Haemophilus influenzae</i> type b and inactivated polio vaccine
DTPHH	diphtheria and tetanus toxoid with pertussis, hepatitis B, and <i>Haemophilus influenzae</i> type b vaccine
DTPIPv	diphtheria and tetanus toxoid with pertussis and inactivated polio vaccine
DTwP	diphtheria and tetanus toxoid with whole cell pertussis vaccine
EMR	Member States belonging to the WHO Eastern Mediterranean Region
EMRO	WHO Regional Office for the Eastern Mediterranean
EPI	Expanded Programme on Immunization
EU	European Union
EUR	Member States belonging to the WHO European Region
EURO	WHO Regional Office for Europe
GAVI	Global Alliance for Vaccines and Immunization
GNI	gross national income
GNP	gross national product
GDP	gross domestic product
HbsAg	hepatitis B surface antigen
HBV	hepatitis B virus
HepA	hepatitis A vaccine
HepB	hepatitis B vaccine
HepB3	third dose of hepatitis B vaccine
Hib	<i>Haemophilus influenzae</i> type b vaccine
Hib3	third dose of <i>Haemophilus influenzae</i> type b vaccine



HibHepB	<i>Haemophilus influenzae</i> type b and hepatitis B vaccine
ICC	inter-agency coordinating committee
IPV	inactivated polio vaccine
IVB	Department of Immunization, Vaccines and Biologicals (WHO)
JapEnc	japanese encephalitis vaccine
JE	japanese encephalitis
MCV	measles-containing vaccine
MCV1	first dose of measles-containing vaccine
MCV2	second dose of measles-containing vaccine
Men A	meningococcal A
Men AC	meningococcal AC
Men ACW	meningococcal ACW
Men ACWY	meningococcal ACWY
MenC conj	meningococcal C conjugate vaccine
MICS	Multiple Indicator Cluster Survey
MM	measles and mumps vaccine
MMR	measles, mumps, and rubella vaccine
MNT	maternal and neonatal tetanus
MR	measles and rubella vaccine
MYP	multi-year plan
NDP	national drug policy
NT	neonatal tetanus
OPV	oral polio vaccine
Pa	acellular pertussis vaccine
Pneumo_conj	pneumococcal conjugate vaccine
Pneumo_ps	pneumococcal polysaccharide vaccine
PAB	protection at birth
Pol3	third dose of polio vaccine
PPP	purchasing power parity
Pw	whole cell pertussis vaccine
SEAR	Member States belonging to the WHO South-East Asia Region
SEARO	WHO Regional Office for South-East Asia
SIA	supplementary immunization activity
TBE	tick-borne encephalitis
Td	tetanus toxoid with reduced amount of diphtheria toxoid vaccine
TT	tetanus toxoid vaccine
TT2plus	second and subsequent doses of tetanus toxoid
UNICEF	United Nations Children's Fund
VAD	vitamin A deficiency
VF	Vaccine Fund
Vit A	vitamin A supplementation
Vitamin A1	first dose of vitamin A supplement
Vitamin A2	second dose of vitamin A supplement
VPD	vaccine-preventable diseases
WHO	World Health Organization
wP	whole cell pertussis vaccine
WPR	Member States belonging to the WHO Western Pacific Region
WPRO	WHO Regional Office for the Western Pacific
YFV	yellow fever vaccine



### Member States by WHO region

African Region:	Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, South Africa, Swaziland, Togo, Uganda, United Republic of Tanzania, Zambia, Zimbabwe
Region of the Americas:	Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, United States of America, Uruguay, Venezuela
Eastern Mediterranean Region:	Afghanistan, Bahrain, Djibouti, Egypt, Iran (Islamic Republic of), Iraq, Jordan, Kuwait, Lebanon, Libyan Arab Jamahiriya, Morocco, Oman, Pakistan, Qatar, Saudi Arabia, Somalia, Sudan, Syrian Arab Republic, Tunisia, United Arab Emirates, Yemen
European Region:	Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Luxembourg, Malta, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, The former Yugoslav Republic of Macedonia, Turkey, Turkmenistan, Ukraine, United Kingdom of Great Britain and Northern Ireland, Uzbekistan
South-East Asia Region:	Bangladesh, Bhutan, Democratic People's Republic of Korea, India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka, Thailand, Timor-Leste
Western Pacific Region:	Australia, Brunei Darussalam, Cambodia, China, Cook Islands, Fiji, Japan, Kiribati, Lao People's Democratic Republic, Malaysia, Marshall Islands, Micronesia (Federated States of), Mongolia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Philippines, Republic of Korea, Samoa, Singapore, Solomon Islands, Tonga, Tuvalu, Vanuatu, Viet Nam



## Member States by development status\*

Developed economies:	Andorra, Australia, Austria, Belgium, Canada, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Latvia, Lithuania, Luxembourg, Malta, Monaco, Netherlands, New Zealand, Norway, Poland, Portugal, San Marino, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom of Great Britain and Northern Ireland, United States of America
Economies in transition:*	Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Georgia, Kazakhstan, Kyrgyzstan, Montenegro, Republic of Moldova, Romania, Russian Federation, Serbia, Tajikistan, The former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine, Uzbekistan
Developing economies:	Algeria, Antigua and Barbuda, Argentina, Bahrain, Bahamas, Barbados, Belize, Bolivia, Botswana, Brazil, Brunei Darussalam, Cameroon, Chile, China, Congo, Cook Islands, Colombia, Costa Rica, Côte d'Ivoire, Cuba, Democratic People's Republic of Korea, Dominica, Dominican Republic, Ecuador, Egypt, El Salvador, Fiji, Gabon, Ghana, Grenada, Guatemala, Guyana, Honduras, India, Indonesia, Iran (Islamic Republic of), Iraq, Israel, Jamaica, Jordan, Kenya, Kuwait, Lebanon, Libyan Arab Jamahiriya, Malaysia, Mauritius, Mexico, Micronesia (Federal States of), Mongolia, Morocco, Marshall Islands, Namibia, Nauru, Nicaragua, Nigeria, Niue, Oman, Pakistan, Palau, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Qatar, Republic of Korea, Saudi Arabia, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Seychelles, Singapore, South Africa, Sri Lanka, Suriname, Swaziland, Syrian Arab Republic, Thailand, Tonga, Trinidad and Tobago, Tunisia, Turkey, United Arab Emirates, Uruguay, Venezuela, Viet Nam, Zimbabwe
Least developed countries:**	Afghanistan, Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of the Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Kiribati, Lao People's Democratic Republic, Lesotho, Liberia, Madagascar, Malawi, Maldives, Mali, Mauritania, Mozambique, Myanmar, Nepal, Niger, Rwanda, Samoa, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands, Somalia, Sudan, Timor-Leste, Togo, Tuvalu, Uganda, United Republic of Tanzania, Vanuatu, Yemen, Zambia

\* Source: *World Economic and Social Survey 2007*, New York, United Nations, 2007.

\* Bulgaria and Romania became EU member States on 1 January 2007.

\*\* Source: UN office of the High Representative for the Least Developed countries. <http://www.un.org/special-rep/ohrls/ldc/list.htm>.





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# Introduction

The data compiled in this 2007 global summary are based on data reported by WHO Member States. The global summary is updated annually and includes immunization data collected between 1980 and 2006.

In an effort to strengthen collaboration and minimize the reporting burden, WHO and UNICEF jointly collect information through a standard questionnaire (the Joint Reporting Form) which is sent to all Member States. The content of the Joint Reporting Form was developed through a consensus process by staff from UNICEF, WHO and selected ministries of health. Data collected in the Joint Reporting Form constitute the major source of information in this document, and include estimates of national immunization coverage, reported cases of vaccine-preventable diseases (VPDs), and immunization schedules, as well as indicators of immunization system performances.

The 2007 global summary is divided into two sections: (1) **global and regional summaries** of reported incidence of VPDs and immunization coverage, and (2) a **reference section** consisting of four parts.

- a) *Global and regional profiles* divided by WHO region and development status, pp R-31–R-43;
- b) Individual *country profiles*, including selected demographic and economic indicators, time series of VPD incidence and immunization coverage, and nationally-recommended immunization schedules , pp R-45–R-238;
- c) *Core indicators of immunization system performances* pp R-239–R-248 and
- d) *Time series* of reported disease incidence and reported and estimated immunization coverage for all countries pp R-249– R-365.

This 2007 global summary is also available on the internet at

[http://www.who.int/immunization\\_monitoring/data/en/](http://www.who.int/immunization_monitoring/data/en/) in both HTML & PDF formats. Sections 2b and 2c are also available in spreadsheet format, allowing more specific analyses to the user. The list of indicators described on the internet and in the spreadsheet (section 2b) is more comprehensive than the one described in this book, consisting of all Joint Reporting Form indicators.

The Department of Immunization, Vaccines and Biologicals is grateful to the Member States, and also WHO and UNICEF staff for their contribution to this report.



## WHO/UNICEF estimates of national immunization coverage, 1980–2006

### Methods:

#### Background

Information on immunization coverage is used for a variety of purposes: to monitor the performance of immunization services at local, national and international levels; to guide accelerated disease-control initiatives such as polio eradication, measles control, and neonatal tetanus elimination; to identify areas of weak system performance that may require extra resources and focused attention; and as a consideration when deciding whether to introduce a new vaccine. Coverage levels with diphtheria and tetanus toxoid and pertussis vaccine are considered one of the best indicators of health-system performance, and funding agencies frequently consider immunization coverage levels when reviewing applications for financial and technical support. Coverage level with measles vaccine is an indicator of progress towards Millennium Development Goals.

An accurate historical representation of immunization coverage is important to assess trends in immunization system performance, to better establish the relationship between immunization service delivery and disease occurrence, and to provide a framework for setting future goals for coverage achievement.

#### The WHO/UNICEF review: data, methods and process

In June 2000, WHO and UNICEF conducted a retrospective review of data available on national immunization coverage for the years 1980 to 1999, to determine the most likely true level of immunization coverage. We included data officially reported to WHO and UNICEF by Member States, in addition to data reported in the published and grey literature. Whenever possible we consulted local experts — primarily national Expanded Programme on Immunization (EPI) managers and WHO regional office staff — for additional information regarding the performance of specific local immunization services. Based on the data available, consideration of potential biases, and contributions from local experts we attempted to determine the most likely true level of immunization coverage. Estimates of national immunization coverage were made for bacille Calmette-Guérin (BCG) vaccine, the third dose of diphtheria and tetanus toxoid and pertussis vaccine (DTP3), the third dose of polio vaccine — either oral polio vaccine or inactivated polio vaccine (Pol3) — the first dose of measles vaccine (MCV) and the third dose of hepatitis B vaccine (HepB3). We also made estimates of the proportion of live births protected (PAB) through maternal immunization with at least two doses of tetanus toxoid for countries where the risk of neonatal tetanus is a significant public-health problem. In 2005 estimates of the first dose diphtheria and tetanus toxoid and pertussis vaccine (DTP1) and the third dose of *haemophilus influenzae* type b (Hib3) were added. The retrospective review, completed in October 2001, has been continued annually, and estimates of national immunization coverage are available from 1980 to 2006.

#### *Data, sources and biases*

For this review we relied on the following data.

1. Officially reported data by Member States to WHO.
2. The historical database maintained by UNICEF.
3. Published literature — primarily coverage survey results and methods.
4. Unpublished surveys available from ministries of health.

Immunization coverage levels are presented as a percentage of a target population that has been vaccinated. Coverage is usually calculated for each antigen and for the number of doses completed. For example, DTP3 coverage is calculated by dividing the number of children receiving their third dose of DTP by the number of children surviving to their first birthday. The target population chosen varies depending on the countries' policies, the specific vaccine, and the dose for which coverage is being calculated. In most instances the target population is the number of children surviving their first year of life. In general, estimates of immunization coverage are based on two sources of empirical data: reports of vaccinations performed by service providers (administrative data) and surveys containing items on children's vaccination history (coverage surveys). For estimates based on administrative data, service providers (e.g. district health centre, vaccination team, physician) summarize the number of vaccinations given during a time period (usually monthly) and report these data to the local public-health authorities. The data are reviewed and, where necessary,



appropriate action taken. The data are then aggregated and reported to the next administrative level. At the national level these data are aggregated, analysed, and used to determine immunization policy and focus programme activities, and to influence resource allocation.

Surveys are frequently used in conjunction with administrative data; in other instances they constitute the sole source of information on immunization coverage levels. The principle types of surveys are the Expanded Programme on Immunization (EPI) 30–cluster survey, the UNICEF Multiple Indicator Cluster Survey (MICS), and the Demographic and Health Survey (DHS). EPI 30–cluster surveys are frequently conducted by national EPI staff, are designed specifically for measuring immunization coverage, are simple to administer and easy to conduct, but have a precision plus or minus 10% points at 50% coverage. The MICS and DHS are more extensive surveys covering a variety of indicators, have a more rigorous design, and typically have a higher degree of precision, but are more expensive, logistically more complex and the questionnaire is longer and more difficult to administer.

Each of the above methods has advantages and disadvantages. The administrative method provides information on a more timely basis and makes use of routinely recorded data. In addition to giving information on coverage the administrative data can be used to detect and correct problems in service delivery (e.g. vaccine shortage, poor session attendance). Coverage estimates based on this method are sensitive to two major biases; those in the numerator (the number of doses administered), and those in the denominator (the size of the target population). The most frequent numerator bias is introduced when reports on the number of doses administered is not complete. Take the following example. Immunization coverage is being calculated for three areas. Area "A" has an estimated target population of 486 children and 310 were vaccinated. Area "B" has 300 children and 290 were vaccinated. Area "C" has 214 children and 100 were vaccinated. Immunization coverage would be estimated as 70%.

$$\frac{310 + 290 + 100}{486 + 300 + 214} = \frac{700}{1000} = .70 \text{ (or 70\% coverage)}$$

The accuracy of this calculation assumes that data from all areas are reported. However suppose data from one area are not reported. Traditionally one of two procedures has been followed. The first makes the same calculation as above but, because the data for area C are missing, the 100 vaccinations are not included in the calculation.

This gives an estimate of 60% coverage.

$$\frac{310 + 290}{486 + 300 + 214} = \frac{600}{1000} = .60 \text{ (or 60\% coverage)}$$

This procedure, in effect, assumes that there has been no vaccination in areas from which data are not available (zero doses administered), and so most likely underestimates true coverage.

The second procedure is to exclude from the denominator areas for which vaccination data have not been reported.

Applying this method to the example above we estimate a coverage of 76%.

$$\frac{310 + 290}{486 + 300} = \frac{600}{786} = .76 \text{ (or 76\% coverage)}$$

This procedure may produce a bias that leads to either over or underestimation of coverage depending on the number of children vaccinated in the area for which the data were not reported. In general, however, one would expect that areas performing well are more likely to report, resulting in an overestimation of true coverage.

The biases described above occur when intermediate sites fail to report. A similar bias can occur when the data collection/reporting system excludes part of the population. The most common example is when a significant proportion of vaccinations are performed in the private sector and are not reported to the public-health authorities. If the denominator is derived from the total population and the numerator is based only on children receiving vaccination in the public sector, this will lead to an underestimation of the actual coverage.

Biased estimates of coverage can also be the result of an inaccurate denominator — the size of the target group. An overestimate of the denominator will bias coverage low while an underestimate will inflate the estimate of coverage.



This bias can most readily be seen when coverage is high and the denominator has been underestimated. In this case immunization coverage estimates can exceed 100%. Errors in estimating the denominator can result from population projections based on outdated censuses, poor population projections, or sudden shifts in population.

Estimates based on surveys also have advantages and disadvantages. The principal advantages of surveys are that an estimate of immunization coverage can be obtained if the denominator is unknown, and that vaccinations given by the private sector can be included. The principle disadvantage of surveys is that they provide information on the previous birth year's cohort (making it difficult to use for timely programme intervention). In addition, the survey methodology may provide a wider than desired confidence interval, interviewers may be poorly trained, and the implementation and supervision may be weak. In some instances the length or complexity of the questionnaire may compromise the accuracy of the responses. Finally, as with any survey, the results may be inappropriately generalized beyond the population represented in the survey.

### *Methods*

In general we have tried to distinguish between situations where the data accurately reflect immunization system performance and those where the data are likely to be compromised and present a misleading view of immunization coverage. While the estimates with the exception of PAB are not the result of a formal modelling exercise, we have nevertheless applied a series of principles.

1. Evidence based: We have made no ad hoc adjustment to reported data; in some instances data for a country was available from a single source, usually the national reports to WHO. In these instances, in the absence of data from an alternative source, those data were used for the WHO/UNICEF estimate.
2. Country-specific: Each country was reviewed individually, and data were not "borrowed" from other countries. There was no attempt to group countries based on income, development levels, population size or geographic location. The resulting estimates are based only on data from that country.
3. Consistent patterns and trends: In cases where no data are available for a given year for a country and antigen, we have considered data from earlier and later years and interpolated to estimate coverage for the missing year. In cases where data sources are mixed and show large variation, we have attempted to identify the most likely estimate in consideration of the possible biases in the data.
4. Local knowledge incorporated: We have consulted with local experts and have attempted to put the data in the context of local events, both those occurring in the immunization system (e.g. vaccine shortage for parts of the year, donor withdrawal, etc.) and more widely occurring events (e.g. international incidences, civil unrest, heightened political commitment to immunization, etc.).
5. No averaging: In the event that multiple data points are available for a given country and antigen, we have not automatically taken an average of the data points. Rather we have considered the potential biases in each of the sources and attempted to construct a consistent pattern over time.
6. No smoothing: Immunization coverage levels vary over time, and while there are frequently general trends, we have not attempted to fit the data points to curve using smoothing techniques.
7. No 100% coverage: While it is theoretically possible to immunize 100% of the target population, especially in small countries, in reality a true immunization level of 100% is unlikely. In the review we occasionally encountered coverage levels in excess of 100%. These levels are most likely to be the result of a systematic error ascertainment of the numerator or the denominator, a mid-year change in target age groups, or inclusion of children outside the target age group in the numerator. We have chosen to represent the highest level of coverage as 99%.
8. PAB coverage has been estimated using a mathematical model. PAB is the proportion of births in a given year that can be considered as having been protected against tetanus as a result of maternal immunization. In this model, annual cohorts of women are followed from infancy through their life. A proportion receive DTP in infancy (estimated based on the WHO-UNICEF estimates of DTP3 coverage). In addition some of these women also receive TT through routine services when they are pregnant and may also receive TT during SIAs. The model also adjusts reported data, taking into account coverage patterns in other years, and/or results available through surveys. The duration of protection is then calculated, based on WHO estimates of the duration of protection by doses ever received. A further description of the model can be found in: Griffiths U., Wolfson L., Quddus A.,



Younus M., Hafiz R. Incremental cost-effectiveness of supplementary immunization activities to prevent neo-natal tetanus in Pakistan. *Bulletin of the World Health Organization* 2004; 82:643-651

### *Process*

*Update national reports:* The first step was to review and update data officially reported by Member States through the WHO regional offices to ensure that WHO databases correctly reflect national data. In some cases data available to international organizations — principally WHO and UNICEF in this instance — may differ. Requests to the countries for information may be made at different times and it is possible that the national authorities have updated their estimate between the times of the requests. Alternatively, the source of data within the country may differ. The criteria for accepting data differs from agency to agency. WHO-reported data are considered official reports by WHO Member States. On some occasions UNICEF may take survey data rather than reports based on administrative data. WHO and UNICEF are working to harmonize the data collection from countries at the international level.

*Search the literature:* Secondly, we searched for and abstracted information on immunization coverage from a variety of additional sources. The Demographic and Health Surveys (DHS), the UNICEF Multiple Indicator Surveys (MICS) and nationally conducted coverage surveys, constitute the majority of these findings. In addition, we searched the published scientific literature and requested information on other studies from national authorities.

Where possible we consulted with national and regional experts to seek more in-depth knowledge regarding the functioning of the immunization system. These consultations have proved invaluable for a fuller understanding of the functioning of the specific national systems.

*Draft estimates:* Draft estimates of the most likely coverage for each year and antigen were made based on the data and methods described above. The estimates were based on an appraisal of individual data points, patterns and trends in the data, and information on local circumstances affecting service delivery. In instances where alternative data were not available, estimates were based solely on officially reported data. In general we have tried to distinguish whether the data accurately reflect immunization system performance, or whether the data are compromised and present a misleading view of coverage achievements. We did not attempt to construct a statistical or mathematical model to estimate coverage.

*Review by national authorities:* An essential part of this review has been the consultation and collaboration with national authorities. The draft estimates were sent to each national authority for their review, comment, and contribution. This collaboration prior to the public release of the final estimates is important not only to inform national authorities of the results of the review before its general release, but also to take advantage of local expertise and knowledge.

*Revise draft estimates:* The draft estimates were revised based on comments received from the national authorities.

*External review:* The methods and findings were reviewed by a group of external experts with broad experience in immunization systems and survey methodology. The group supported the methods and recommended a series of future activities.

*Dissemination of results:* The estimates and supporting data are available on

[http://www.who.int/immunization\\_monitoring/routine/immunization\\_coverage/en/index4.html](http://www.who.int/immunization_monitoring/routine/immunization_coverage/en/index4.html)

and

<http://www.childinfo.org/areas/immunization/database.php>

and may be freely reproduced.





## Estimating global and regional vaccine coverage

Estimation of global and regional vaccine coverage is based on reports from WHO Member States. When coverage figures have not been reported, i.e. the vaccine is routinely scheduled but no figure was reported to WHO-HQ, a statistical method has been used to estimate the most likely coverage, and this estimate is used in the global and regional calculations. There are three types of missing data.

*Type A: Missing prior to the first-ever reported coverage.* In these instances, we assume that coverage is 0%.

*Type B: Missing between two years where coverage was reported.* In these instances the coverage estimate is a linear interpolation of the two reported coverage rates.

*Type C: Missing after the last reported coverage value.* If coverage has ceased to be reported, we assumed that coverage in the years following the last report will remain at the same level as was last reported.

Statistical estimates of coverage are used only when the country Ministry of Health has not reported coverage data.

Global and regional coverage is then calculated using the estimated and reported coverage figures together with estimates of the target population sized from the *World Population Prospects: the 2006 revision*. Population Division, Department of Economic and Social Affairs, United Nations, New York, 2007. The formula for aggregating coverage for a region (and globally) is:

$$\% \text{ Coverage} = \frac{\sum (\% \text{ reported or estimated coverage})(\text{size of target population})}{\sum (\text{size of target population})}$$

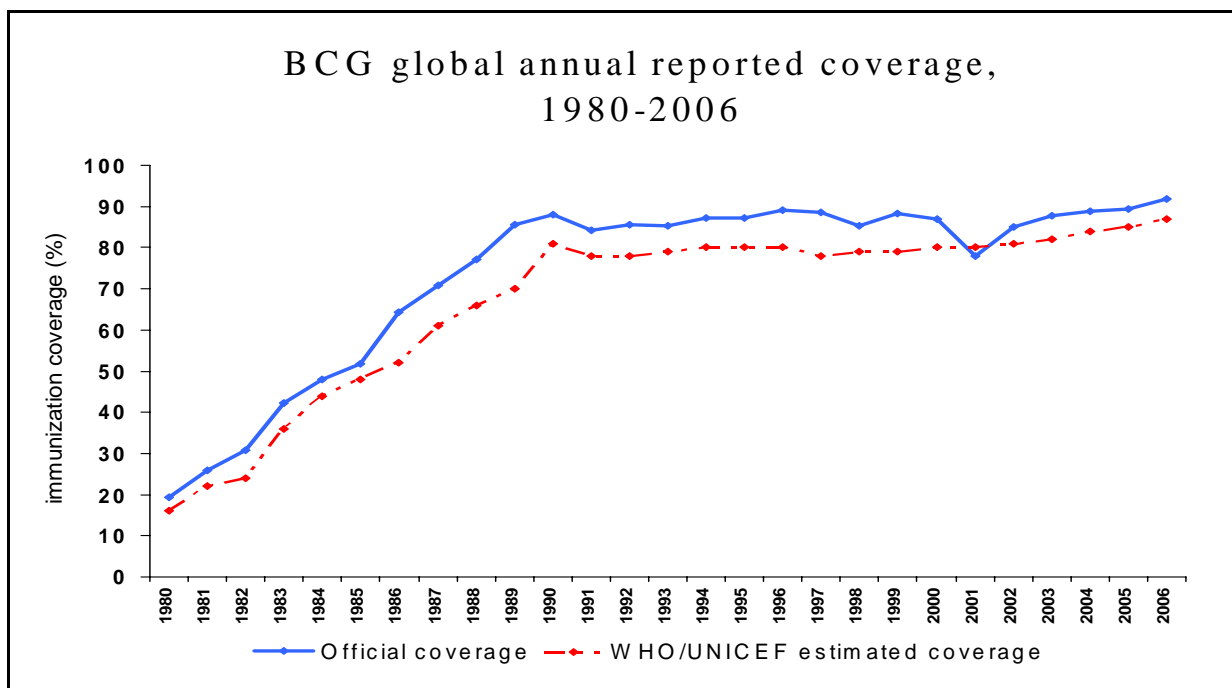
For HepB, DPT3, Hib, MCV, and POL3, the size of the target population is the national annual number of infants surviving their first year of life. For TT2+ the national annual number of births is used as a surrogate for the number of pregnant women. Priority countries for neonatal tetanus (NT) elimination and developing countries where tetanus is in the national immunization schedule for childbearing-age women are included in the TT2+ global and regional estimates. The size of the target population for BCG is the national annual number of births in countries that recommend BCG. For Hib, only those countries at risk are included in the global and regional calculation estimates. For yellow fever, only those countries at risk for yellow fever are included in the yellow fever global and regional coverage summaries.



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## BCG



The data in the graph and table represent global and regional summaries using official data reported from Member States to WHO, and WHO/UNICEF estimated coverage (estimation method-description starts on page 6). In all, 161 Member States have BCG in their infant vaccination schedules and are expected to report. The table shows the number of countries providing data to WHO (labelled "N° countries") and the proportion of the world's population represented by the reporting countries (labelled "% population"). Imputation procedures described above were used to complete missing reported country values. BCG coverage increased during the 1980s due to increasing numbers of countries establishing national immunization services and increasing BCG coverage in these countries. BCG coverage peaked in 1990 as a result of the push to achieve the goals for Universal Childhood Immunization through routine immunization services, and campaigns focusing on unreached children. Reported coverage remained high and steady throughout the 1990s. The drop at global level observed from 2000 to 2001 was mainly the result of a change in the methodology used to produce official national estimates in two countries, India and China which, because of the size of their infant populations, had a significant impact on the global figure. The decline was less pronounced in the WHO/UNICEF estimates and the two figures converged. The reported figures and the WHO/UNICEF estimates differ again from 2002. This is again mainly because of China and India where the official estimates are higher. BCG is often used to reflect the proportion of children who are protected against the severe forms of tuberculosis during the first year of life, and also as an indicator of access to health services.

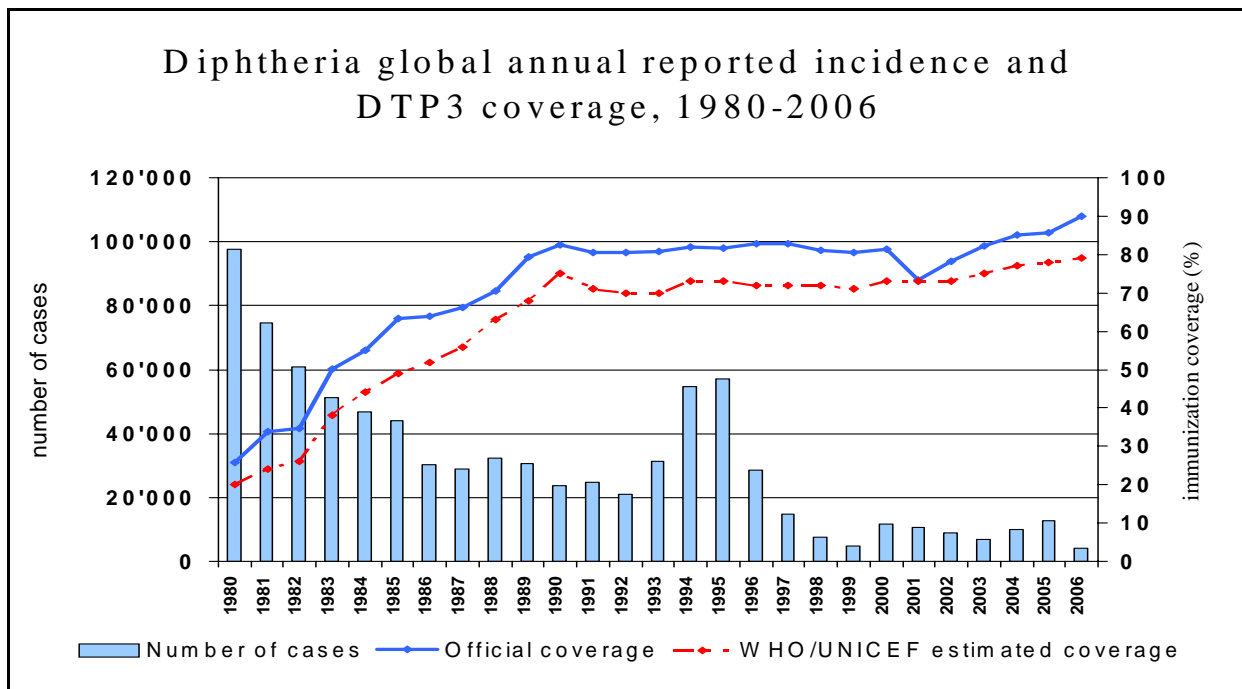


**Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), BCG < 1 year of age: 1980, 1990, 1997-2006.**

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	11	71	63	60	63	66	67	76	75	77	78	80 (46)
	10	75	62	68	67	72	71	72	75	78	80	82
AMR	54	81	96	95	96	97	96	96	96	97	96	99 (27)
	53	79	96	95	97	96	95	95	96	96	96	96
EMR	24	87	87	88	90	86	87	82	82	85	86	90 (17)
	18	83	76	77	79	78	79	83	84	84	85	90
EUR	40	53	88	89	90	90	91	91	90	90	91	93 (32)
	20	84	91	92	93	93	93	93	93	91	91	93
SEAR	18	97	99	92	98	99	77	83	92	92	98	99 (11)
	13	71	77	75	74	75	76	78	79	81	81	82
WPR	7	96	95	94	95	85	75	95	94	96	88	92 (22)
	6	96	85	84	86	86	86	86	86	88	88	92
Global	19	88	88	85	88	87	78	85	88	89	89	92
	16	81	78	79	79	80	80	81	82	84	85	87
% population	58	98	98	97	93	99	95	99	95	100	99	99
N° countries	77	126	152	146	150	148	152	153	153	157	156	155

Numbers in parenthesis (last column) indicate the number of countries reporting in 2006. The expected number of reporting countries is 46 for AFR, 27 for AMR, 18 for EMR, 36 for EUR, 11 for SEAR and 23 for WPR.

## Diphtheria



The data in the graph and table represent global and regional summaries using official data reported from Member States to WHO, and WHO/UNICEF estimated coverage (estimation method-description starts on page 6). In all, 193 Member States are expected to report. The table shows the number of countries providing data to WHO (labelled "N° countries" which includes countries reporting zero cases) and the proportion of the world's population represented by the reporting countries (labelled "% population"). Imputation procedures described above were used to complete missing reported coverage values. DTP3 coverage increased during the 1980s because increasing numbers of countries established national immunization services and also increased coverage. It peaked in 1990 as a result of the push to achieve Universal Childhood Immunization through routine services and through campaigns. Reported coverage remained high during the 1990s. The drop at global level observed from 2000 to 2001 was mainly the result of a change in the methodology used to produce official national estimates in two countries, India and China which, because of the size of their infant populations, had a significant impact on the global figure. The decline was less pronounced in the WHO/UNICEF estimates and the two figures converged. The reported figures and the WHO/UNICEF estimates differ again from 2002. This is mainly because of China and India where the official estimates are higher. DTP3 coverage data are used to reflect the proportion of children protected against diphtheria, pertussis and tetanus, and to indicate performance of immunization services and the health system in general. DTP3 figures are also compared with DTP1 to assess "drop-out" rates — an indicator of the quality of services and managerial capacity. The country profiles also show district achievements (percentage of districts achieving various levels of DTP3 coverage).

Diphtheria incidence is affected by DTP3 coverage and booster doses using DT and Td (see immunization schedules in the country profiles). The decline in reported diphtheria cases in the 1980s is consistent with the reported increasing DTP3 coverage. The sudden increase in incidence during the 1990s is due to a massive epidemic in countries of the former Soviet Union. Since 1990, outbreaks were also reported from Algeria, Iraq, Lao People's Republic, Mongolia, Papua New Guinea, Sudan, and Thailand. Reported data on diphtheria incidence should be interpreted with caution due to variations in case definitions used and performance of surveillance systems. The decrease in the number of cases from 2005 to 2006 is mainly due to the decrease in numbers reported by India.

World-wide annual deaths from diphtheria (2002) were estimated by WHO at 5'000, out of which 4'000 occurred among children under five.

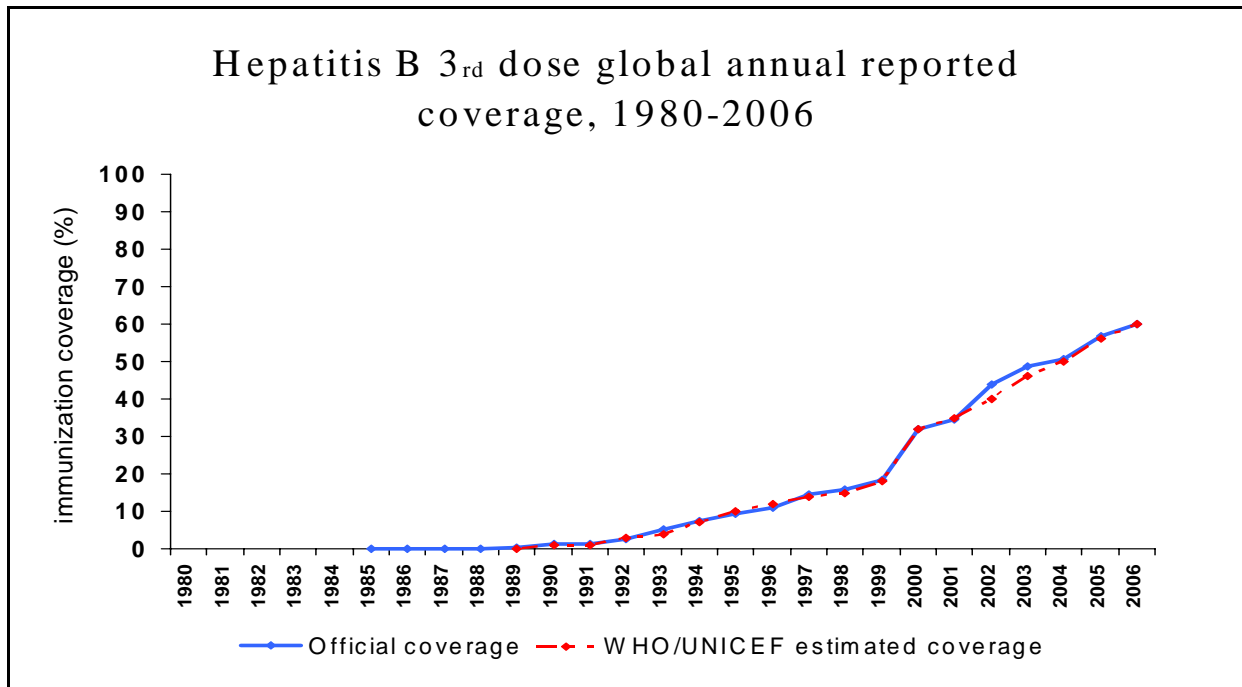
**Regional and global summaries of diphtheria incidence (number of reported cases): 1980, 1990, 1997-2006.**

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	8'771	2'588	117	931	226	4'038	2'587	941	216	23	54	351
AMR	5'833	826	94	278	122	113	70	170	49	181	263	36
EMR	19'970	3'604	423	399	494	175	96	924	287	145	251	180
EUR	618	3'202	7'179	2'779	1'614	1'585	1'386	1'189	897	688	500	320
SEAR	47'354	11'582	6'549	2'091	2'170	5'470	6'045	5'583	4'596	8'874	10'908	3'016
WPR	15'228	2'062	405	963	184	244	543	257	736	158	759	75
Global	97'774	23'864	14'767	7'441	4'810	11'625	10'727	9'064	6'781	10'069	12'735	3'978
N° countries	156	165	163	152	149	152	154	157	152	159	162	158

**Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), DTP3 < 1 year of age: 1980, 1990, 1997-2006.**

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	6	55	52	48	51	56	56	61	65	68	72	82
	5	57	50	51	50	54	54	57	63	67	71	73
AMR	50	76	87	88	90	92	91	91	92	94	94	94
	50	74	86	87	89	90	90	91	92	93	93	93
EMR	22	80	80	81	82	81	81	78	77	80	86	87
	18	71	69	71	72	75	76	77	78	79	85	86
EUR	27	85	91	90	92	92	93	93	92	94	95	95
	63	80	91	92	93	93	94	93	91	94	95	95
SEAR	38	94	93	88	89	89	67	72	82	86	88	92
	7	70	67	65	62	63	64	63	64	64	63	63
WPR	11	93	93	94	85	85	78	93	94	96	88	93
	8	94	83	85	84	85	86	85	87	87	88	92
Global	26	83	83	81	81	81	73	78	82	85	86	90
	20	75	72	72	71	73	73	73	75	77	78	79
% population	55	95	98	96	90	99	95	95	96	100	95	94
N° countries	95	155	183	170	171	181	179	177	180	184	185	182

## Hepatitis



The data in the graph and table represent global and regional summaries using official data reported from Member States to WHO and WHO/UNICEF estimated coverage (estimation method-description starts on page 6). In all, 164 Member States have introduced HepB vaccine in routine infant immunization, (India in part of the country only), and are expected to report. The table shows the number of countries providing data to WHO (labelled "N° countries") and the proportion of the world's population represented by the reporting countries (labelled "% population"). HepB3 coverage has steadily increased since 1990 due to the increasing numbers of countries introducing hepatitis B vaccine into their routine immunization services, as well as increasing coverage in these countries. Despite the steady progress, improvement is needed in reporting accurate HepB3 coverage data to WHO.

HepB3 coverage data are critical to estimate the impact of the vaccine on chronic infection with hepatitis B and its deadly sequelae (hepatoma and cirrhosis). World-wide annual deaths from hepatitis B infection (2002) were estimated by WHO at 600'000.

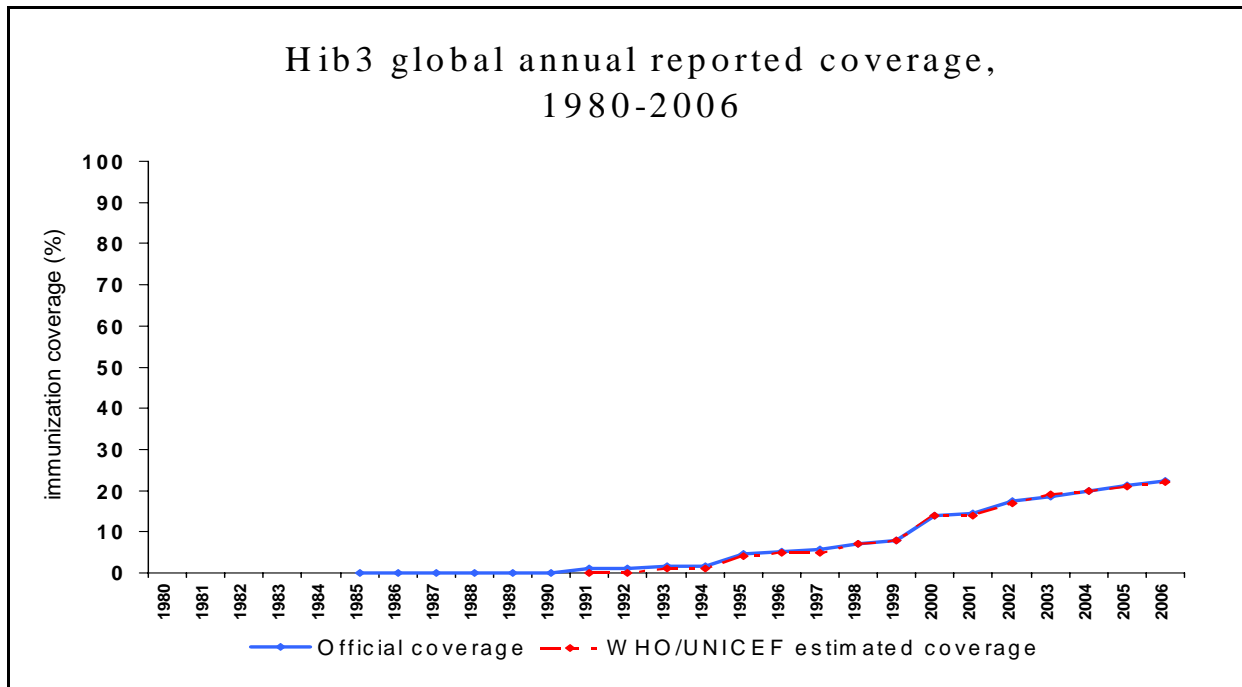


**Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), HepB3 < 1 year of age: 1990, 1997-2006.**

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	-	0	1	1	1	5	5	27	30	36	45	50
	-	0	4	4	5	5	6	23	29	34	47	49
AMR	-	0	33	37	53	73	75	78	82	84	85	86
	-		30	32	50	69	71	75	82	84	85	89
EMR	-	3	35	32	36	40	43	45	63	66	74	79
	-	3	34	31	36	40	43	45	63	66	72	78
EUR	-	7	23	23	27	43	49	66	69	74	76	76
	-	4	23	28	29	42	50	65	68	72	74	74
SEAR	-	0	11	12	12	10	9	11	14	16	28	28
	-		10	11	12	10	10	11	12	19	26	28
WPR	-	2	7	12	11	54	66	81	83	80	77	85
	-	2	7	8	8	59	68	67	74	76	77	85
Global	-	1	14	16	18	32	35	44	49	50	57	60
	-	1	14	15	18	32	35	40	46	50	56	60
% population	-	2	20	23	25	45	46	51	60	87	85	86
N° countries	-	10	62	69	79	89	101	108	130	142	153	154



## Haemophilus Influenza type B



The data in the graph and table represent global and regional summaries using official data reported from Member States to WHO and WHO/UNICEF estimated coverage (estimation method-description starts on page 6). In all, 108 Member States have introduced Hib vaccine in routine infant immunization, of which four are in part of the country, and are expected to report. The table shows the number of countries providing data to WHO (labelled "N° countries") and the proportion of the world's population represented by the reporting countries (labelled "% population"). Imputation procedures described above were used to complete missing coverage values. Hib3 coverage has steadily increased since 1990 due to the increasing numbers of countries introducing Haemophilus influenzae type b vaccine into their routine immunization services, as well as increasing coverage in these countries. Despite the steady progress, improvement is needed in reporting accurate Hib3 coverage data to WHO.

World-wide annual deaths from Haemophilus influenzae b infection (2002) were estimated by WHO at 386'000.



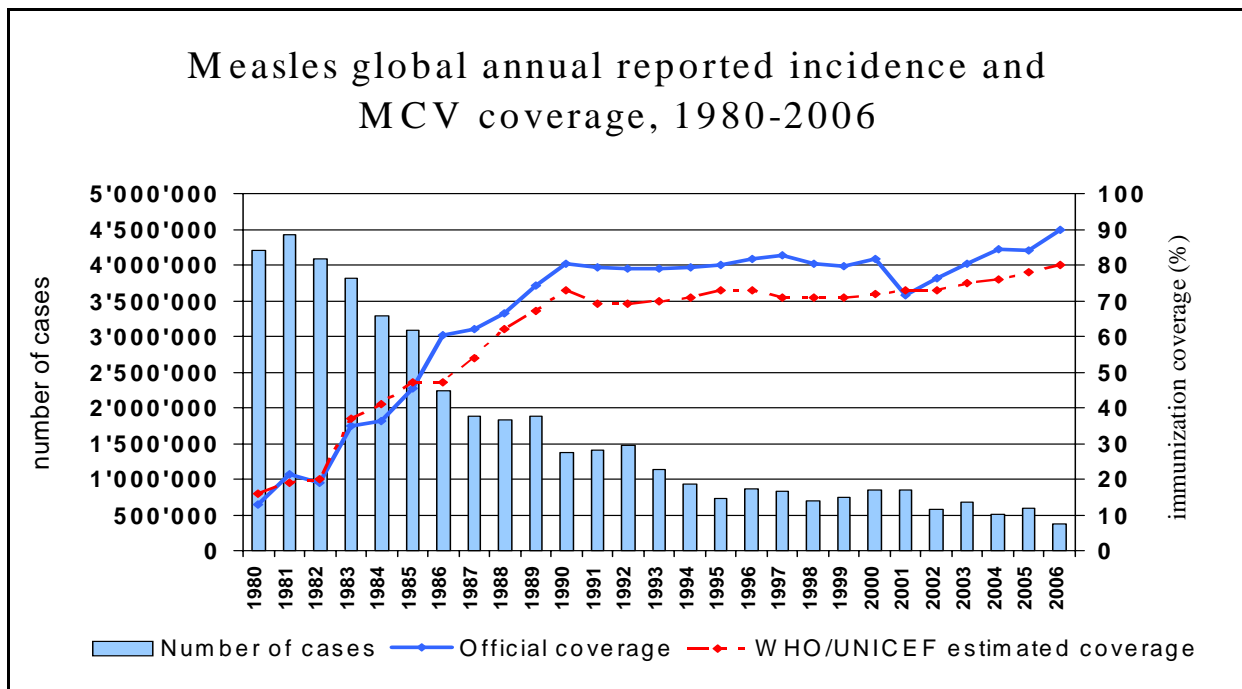
## Global and regional summary



Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), Hib3 < 1 year of age: 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	-	0	0	0	0	4	3	15	15	19	21	24
	-				0	4	3	13	15	18	20	24
AMR	-	0	28	34	39	74	76	80	86	89	90	89
	-		28	34	38	74	76	80	85	88	90	92
EMR	-	0	0	0	1	5	9	10	12	12	15	17
	-			0	1	5	5	10	12	12	15	16
EUR	-	0	26	31	33	37	39	41	42	42	43	45
	-		19	30	33	36	39	41	41	42	43	44
SEAR	-	0	0	0	0	0	0	0	0	0	0	0
	-											
WPR	-	0	1	1	1	1	1	1	1	1	3	3
	-		1	1	1	1	1	1	3	4	3	3
Global	-	0	6	7	8	14	15	18	19	20	21	22
	-		5	7	8	14	14	17	19	20	21	22
% population	-		5	7	7	16	16	20	21	22	21	21
N° countries	-	0	16	27	33	53	59	72	78	86	97	97

## Measles



The data in the graph and table represent global and regional summaries using official data reported from Member States to WHO, and WHO/UNICEF estimated coverage (estimation method-description starts on page 6). In all, 193 Member States are expected to report. The table shows the number of countries providing data to WHO (labelled "N° countries" which includes countries reporting zero cases) and the proportion of the world's population represented by the reporting countries (labelled "% population"). Imputation procedures described above were used to complete missing coverage values. Measles immunization coverage increased during the 1980s due to increasing numbers of countries establishing national immunization services and increasing coverage in these countries. It peaked in 1990 as a result of the push to achieve Universal Childhood Immunization through routine immunization services and campaigns focusing on unreached children. Reported measles immunization coverage remained high and steady through the 1990s. The drop at global level observed from 2000 to 2001 was mainly the result of a change in the methodology used to produce official national estimates in two countries, India and China which, because of the size of their infant populations, had a significant impact on the global figure. The decline was not observed in the WHO/UNICEF estimates and the two figures converged. The reported figures and the WHO/UNICEF estimates differ again from 2002. This is mainly because of China and India where the official estimates are higher. Measles coverage data shown in the graph reflect only the first dose given through routine immunization services. 178 countries (92%) are now providing a second opportunity for measles immunization through a booster dose (see immunization schedules in the country profiles section) or through mass campaigns. The indicator tables in section 2 of this document show district achievements in terms of the percentage of districts achieving at least 90% measles coverage.

Reported measles incidence is affected by variations in case definitions, reporting artefacts, surveillance performance, and measles outbreaks. Generally, reported cases substantially underestimate the true measles burden. World-wide annual deaths from measles (2005) were estimated by WHO at 345 000 with uncertainty interval of (247'000 to ,458'000), out of which 311'000 occurred among children under five years of age with uncertainty interval of (222'000 to 415'000). The People's Republic of China accounts for most of the decrease in the Western Pacific Region (WPR) between 2001 and 2002 (from 98'902 to 58'341). Decrease from 2003 to 2004 in many African Region (AFR) countries is due to accelerated measles control in the region. Increase from 2004 to 2005 is mainly due to DR Congo (44'934 to 182'485), Nigeria (31'521 to 110'927). Increase in the European Region (EUR) from 2004 to 2005 is mainly due to Romania (117 to 5'043), Ukraine (146 to 2'392) and Kazakhstan (2'204 to 16'118). Increase in WPR from 2004 to 2005 is mainly due to China (70'549 to 124'219). Decrease from 2004 to 2005 in Eastern Mediterranean Region (EMR) countries is mainly due to the lack of report from Morocco and Somalia in 2005. The global decrease from 2005 to 2006 is mainly due to the decrease of reported incidence in AFR and especially in DRC, Mozambique and Nigeria.



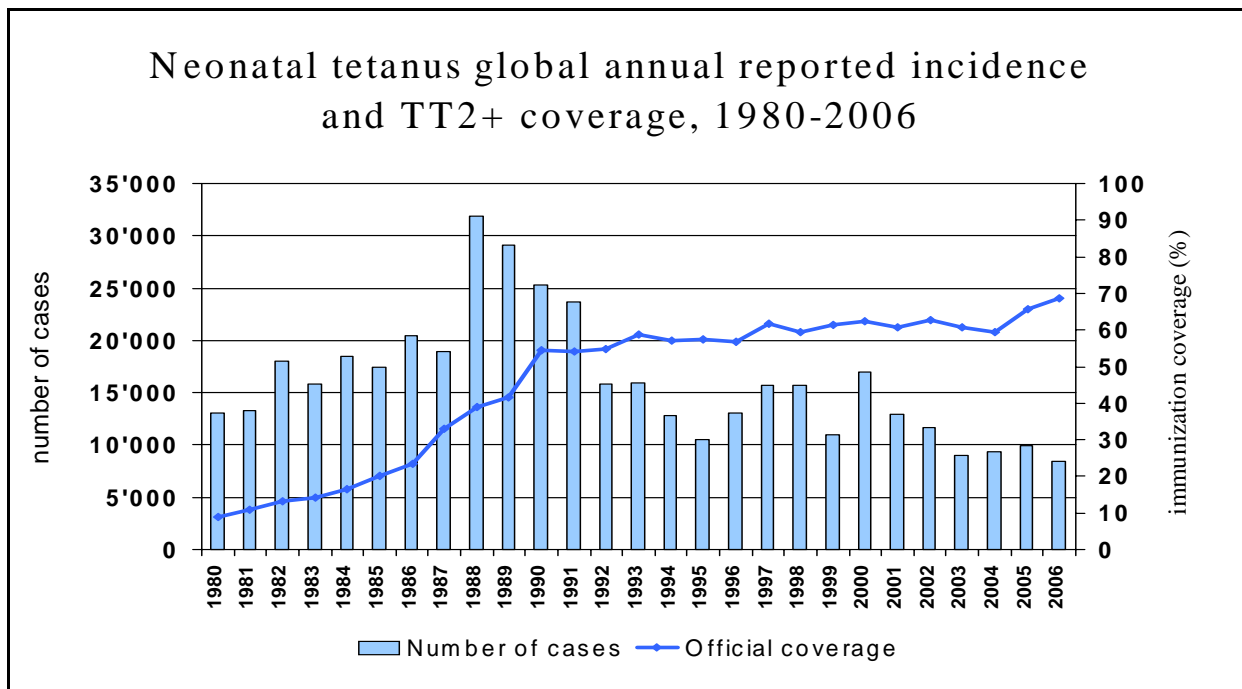
## Regional and global summaries of measles incidence (number of reported cases): 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	1'240'993	481'204	299'623	373'149	486'660	520'102	492'116	286'380	403'572	220'732	316'224	99'339
AMR	257'790	218'579	53'567	14'330	3'209	1'755	548	2'579	119	108	85	237
EMR	341'624	59'058	33'085	89'478	71'562	38'592	41'103	42'616	52'110	59'804	15'069	23'303
EUR	851'849	234'827	215'767	77'872	38'811	37'421	58'364	46'714	28'199	29'503	37'332	53'344
SEAR	199'535	224'925	115'844	62'759	47'741	78'574	79'252	66'597	94'644	107'824	104'506	94'562
WPR	1'319'640	155'490	107'787	76'878	104'424	176'493	175'382	129'285	101'810	91'763	128'016	102'636
Global	4'211'431	1'374'083	825'673	694'466	752'407	852'937	846'765	574'171	680'454	509'734	601'232	373'421
N° countries	148	169	183	166	167	169	175	177	182	190	182	180

## Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), MCV1 < 1 year of age: 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	6	52	57	48	50	54	52	60	63	66	67	87
	6	57	54	54	53	56	56	59	64	66	70	73
AMR	51	81	90	92	93	93	92	92	95	94	94	94
	51	80	89	91	92	92	93	92	94	93	93	93
EMR	23	76	81	80	83	79	81	76	76	80	83	86
	15	67	70	72	73	73	74	75	75	78	82	83
EUR	22	76	87	89	90	91	91	91	90	92	93	94
	55	83	88	88	90	91	92	91	90	91	93	94
SEAR	0	88	87	83	85	84	61	66	77	86	88	89
	0	59	62	59	58	60	60	62	62	64	65	65
WPR	5	93	94	94	86	95	80	94	93	95	88	93
	5	93	83	84	85	86	86	85	86	86	88	93
Global	13	80	83	80	80	82	72	76	80	84	84	90
	16	73	71	71	71	72	73	73	75	76	78	80
% population	31	95	98	96	90	97	92	95	96	99	95	95
N° countries	69	149	182	172	172	169	175	174	180	185	186	181

## Neonatal tetanus



WHO recommends that TT2+ coverage be calculated as the proportion of pregnant women having received two or more doses of tetanus toxoid. Tetanus toxoid administered to pregnant women (and all childbearing-age women in some countries) protects both the mother and new-born against tetanus. Global and regional summaries of TT2+ coverage include in the denominator only the 112 countries where tetanus is in the national immunization schedule for childbearing-age women. The table shows the number of countries providing data to WHO (labelled "N° countries" which includes countries reporting zero cases) and the proportion of the world's population represented by the reporting countries (labelled "% population"). Reported TT2+ coverage has steadily increased since the early 1980s due to increasing numbers of countries providing TT through antenatal care services and increasing coverage in these countries. Community-based surveys have revealed the tendency to underestimate TT2+ coverage using administrative data. This occurs especially in well-performing countries where women may already be protected, and ineligible for a TT dose during pregnancy (i.e. they are included in the pregnant women denominator, but not in the numerator).

Community-based surveys demonstrate substantial underreporting of neonatal tetanus (NT) cases through routine surveillance. The global and regional trends are influenced by surveillance performance and reporting artefacts.



## Regional and global summaries of neonatal tetanus incidence (number of reported cases): 1980, 1990, 1997-2006.

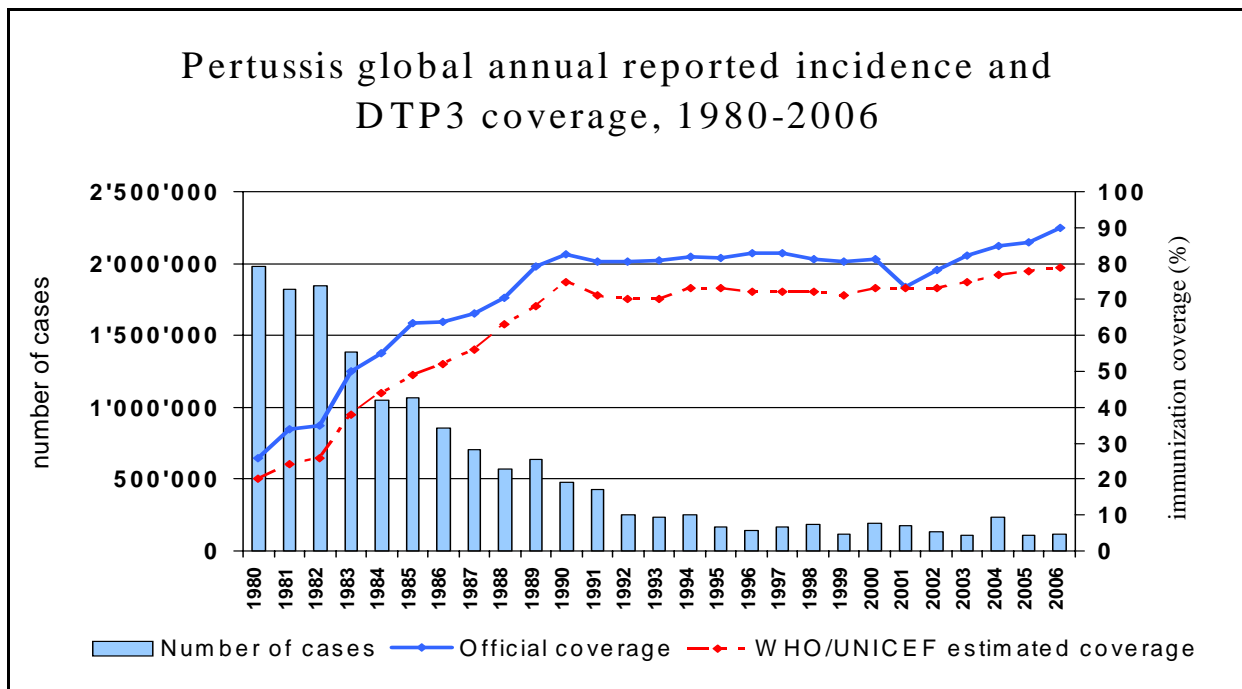
	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	2'265	7'029	3'207	4'855	2'696	5'175	5'160	4'693	2'364	2'693	4'415	3'468
AMR	803	1'176	262	254	157	152	141	111	50	93	114	77
EMR	5'190	4'666	2'799	2'956	2'321	3'140	1'815	1'986	1'299	910	802	886
EUR	26	69	38	30	43	27	33	32	41	15	32	18
SEAR	3'149	11'725	4'761	3'324	1'311	4'322	2'577	2'146	2'393	2'133	1'444	1'073
WPR	1'572	628	4'667	4'254	4'426	4'127	3'261	2'656	2'881	3'474	3'111	2'854
Global	13'005	25'293	15'734	15'673	10'954	16'943	12'987	11'624	9'028	9'318	9'918	8'376
N° countries	93	152	179	145	144	161	169	163	158	166	167	173

## Regional and global summaries of reported vaccination coverage (%), TT2+ among pregnant women: 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	2	37	44	36	41	43	44	45	49	53	58	64 (46)
AMR	2	42	55	56	58	60	60	50	53	58	64	77 (17)
EMR	1	48	50	51	53	48	49	51	59	50	49	50 (13)
EUR	0	17	39	37	38	38	40	38	38	43	48	53 (2)
SEAR	17	74	80	79	80	81	76	84	73	68	78	78 (11)
WPR	7	38	67	62	64	68	69	62	55	65	65	64 (12)
Global	9	55	62	59	61	62	61	63	61	59	66	69
% population	56	85	84	46	76	88	89	86	84	93	97	98
N° countries	32	77	78	69	71	85	92	84	84	94	98	101

Numbers in parenthesis (last column) indicate the number of countries reporting in 2006. The expected number of reporting countries is 46 for AFR, 22 for AMR, 16 for EMR, 2 for EUR, 11 for SEAR and 15 for WPR, 112 for Global.

## Pertussis



Comments on DTP3 coverage may be found under the diphtheria chapter.

Reported pertussis incidence must be interpreted with caution due to variations in case definitions and surveillance system performance among countries. Case definitions based on clinical confirmation are used in many countries due to limited access to laboratory services. Pertussis diagnosis in the neonate as well as older children and adults is difficult without laboratory confirmation. The global decline in reported pertussis incidence in the 1980s is consistent with the overall increases in immunization coverage. World-wide annual deaths from pertussis (2002) were estimated by WHO at 294'000. As better data become available, these estimates will be revised. The observed regional variations in reported pertussis incidence are mainly artefacts in reporting, particularly among large countries. The sudden decline in pertussis during the mid-1990s in the South-East Asia Region (SEAR) is because India stopped reporting to WHO and then recommenced. India's reporting patterns mask the sudden increase from five to 12'200 in reported pertussis incidence in Nepal between 1994 and 1995 due to changes in their surveillance system. The sudden increase from 1996 to 1997 in the Western Pacific Region (WPR) is mainly because Cambodia and China did not report pertussis data to WHO in 1996 and then reported 1'700 and 8'600 cases, respectively in 1997. Australia reported an increase from 4'000 to 10'000 between 1996 and 1997 and did not report for 2006, which explains the decrease for WPR from 2005 to 2006. The decreasing pertussis incidence in the European Region in recent years is due to a decline in the number of countries reporting data to WHO, but inconsistency of reporting is part of the picture also. The Netherlands did not report in 2003 (5'880 cases in 2002). Germany stopped reporting pertussis incidence data to WHO in 1989, France from 1997 to 2005. Since 1995, the variations in reported incidence from AFR are due to Nigeria not reporting pertussis data to WHO for certain years (1995, 1997, 1999, 2003). The increase between 2005 and 2006 in EMR was mainly due to Iraq reporting 1'050 cases in 2005 and 3'128 cases in 2006 and Yemen reporting 1'294 cases in 2005 and 3'476 cases in 2006.

Despite these artefacts, some variations in reported incidence by country or region are due to outbreaks (e.g. Switzerland, 1994-95) or decreased uptake of pertussis vaccine because of concerns about side-effects (e.g. Japan). According to country reports, acellular pertussis vaccine is used in 39 countries. Some countries that have already achieved good pertussis control are experiencing a shift in pertussis epidemiology to older age groups (e.g. Canada and the United States of America).



## Regional and global summaries of pertussis incidence (number of reported cases): 1980, 1990, 1997-2006.

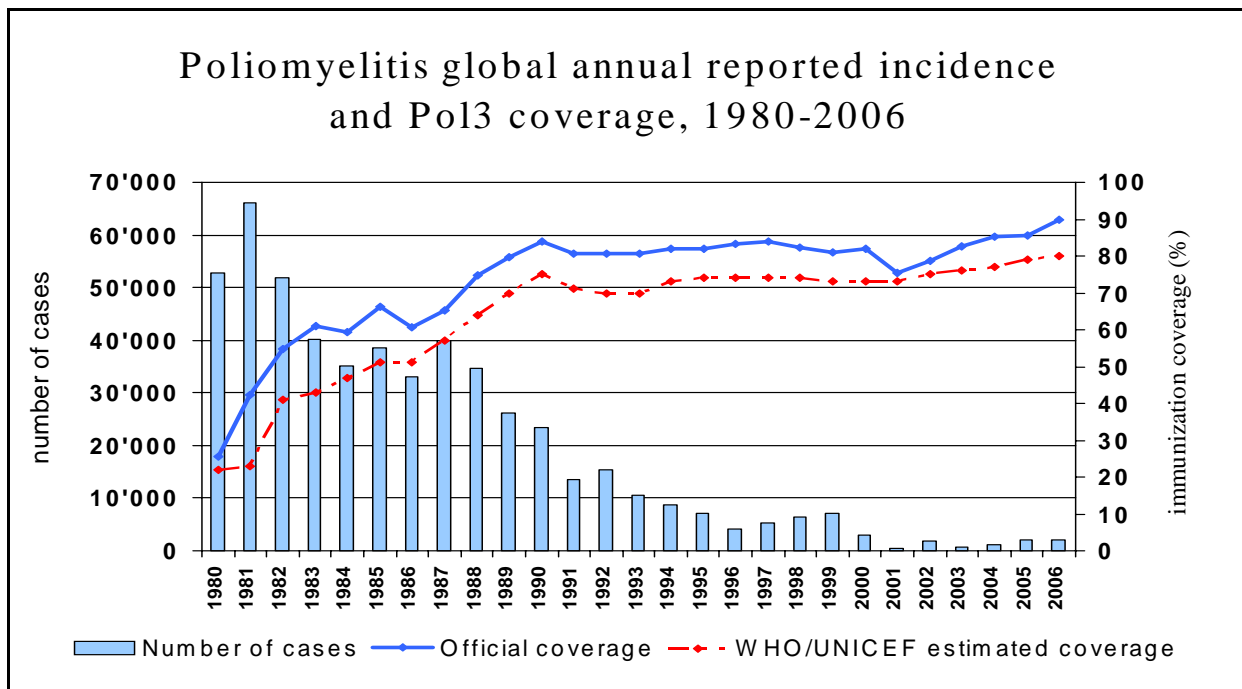
	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	367'961	89'515	12'101	38'961	11'066	52'008	50'386	19'452	16'418	26'335	22'139	18'399
AMR	123'763	38'009	16'496	23'375	22'089	18'144	12'811	15'162	12'756	26'194	8'747	21'980
EMR	171'631	27'437	3'210	4'367	2'840	2'112	4'257	2'650	1'161	81'987	5'164	10'060
EUR	90'546	129'735	67'307	56'317	48'897	53'675	31'084	25'176	25'530	42'220	26'425	30'168
SEAR	399'310	156'028	41'940	46'666	12'776	38'510	41'863	41'836	40'477	40'277	25'675	27'657
WPR	829'173	35'653	25'953	15'875	17'947	25'282	32'182	30'682	11'348	21'106	21'560	7'660
Global	1'982'384	476'377	167'007	185'561	115'615	189'731	172'583	134'958	107'690	238'119	109'710	115'924
N° countries	151	164	163	151	156	159	162	162	150	165	156	159

## Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), DTP3 <1 year of age: 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	6	55	52	48	51	56	56	61	65	68	72	82
	5	57	50	51	50	54	54	57	63	67	71	73
AMR	50	76	87	88	90	92	91	91	92	94	94	94
	50	74	86	87	89	90	90	91	92	93	93	93
EMR	22	80	80	81	82	81	81	78	77	80	86	87
	18	71	69	71	72	75	76	77	78	79	85	86
EUR	27	85	91	90	92	92	93	93	92	94	95	95
	63	80	91	92	93	93	94	93	91	94	95	95
SEAR	38	94	93	88	89	89	67	72	82	86	88	92
	7	70	67	65	62	63	64	63	64	64	63	63
WPR	11	93	93	94	85	85	78	93	94	96	88	93
	8	94	83	85	84	85	86	85	87	87	88	92
Global	26	83	83	81	81	81	73	78	82	85	86	90
	20	75	72	72	71	73	73	73	75	77	78	79
% population	55	95	98	96	90	99	95	95	96	100	95	94
N° countries	95	155	183	170	171	181	179	177	180	184	185	182



## Poliomyelitis



The data in the graph and table represent global and regional summaries using official data reported from Member States to WHO, and WHO/UNICEF estimated coverage (estimation method-description starts on page 6). In all, 193 Member States are expected to report. The table shows the number of countries providing data to WHO (labelled "N° countries" which includes countries reporting zero cases) and the proportion of the world's population represented by the reporting countries (labelled "% population"). Reported coverage increased during the 1980s due to increasing numbers of countries establishing national immunization services and increasing coverage in these countries. Polio immunization coverage peaked in 1990 as a result of the push to achieve Universal Childhood Immunization through routine immunization services and campaigns focusing on unreached children. Reported polio immunization coverage remained high and steady through the 1990s which reflects only those doses given through routine immunization services, and not the massive numbers of supplemental doses provided through campaigns. The drop at global level observed from 2000 to 2001 was mainly the result of a change in the methodology used to produce official national estimates in two countries, India and China which, because of the size of their infant populations, had a significant impact on the global figure. The decline was less pronounced in the WHO/UNICEF estimates and the two figures converged in 2002. Official coverage estimates are again higher from 2002 due to China and India.

In 1988, the polio eradication initiative was launched. By the end of the year 2006 only four countries remained endemic with the following figures for 2006: India (676 cases); Pakistan (40 cases); Afghanistan (31 cases); Nigeria (1'125 cases). Countries reported cases due to active transmission in 2006: Angola, Bangladesh; Cameroon, Chad, DR Congo; Ethiopia; Indonesia; Kenya; Namibia; Nepal; Niger, Somalia and Yemen.



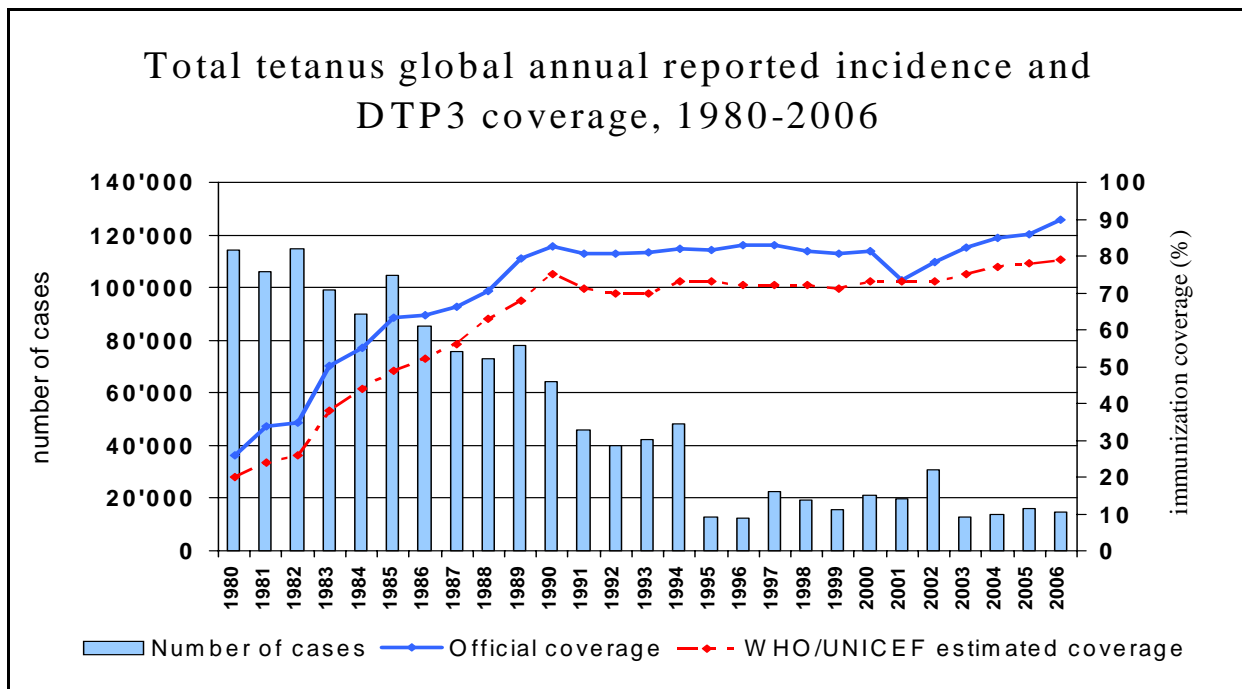
## Regional and global summaries of polio incidence (number of reported cases): 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	5'126	4'228	1'088	991	2'861	1'863	70	212	446	934	883	1'191
AMR	2'989	18	0	0	0	12	10	0	0	0	0	0
EMR	12'622	1'498	1'255	555	914	505	143	110	113	187	730	107
EUR	549	346	7	26	0	0	4	0	0	0	0	0
SEAR	20'089	11'313	2'827	4'775	3'365	591	268	1'600	225	134	419	702
WPR	11'420	5'963	9	0	1	0	3	0	0	3	1	1
Global	52'795	23'366	5'186	6'347	7'141	2'971	498	1'922	784	1'258	2'033	2'001
N° countries	161	155	187	183	191	191	191	192	192	192	188	192

## Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), Polio3 < 1 year of age: 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	8	56	52	48	51	55	54	60	65	67	70	80
	6	58	53	52	50	53	54	60	66	69	73	75
AMR	66	79	88	89	90	90	91	91	93	93	92	94
	66	75	87	87	89	89	90	90	92	92	92	92
EMR	24	80	80	81	82	80	80	79	78	80	86	87
	21	71	70	72	73	75	76	78	78	79	85	86
EUR	32	89	92	93	94	94	94	94	92	95	96	96
	72	84	93	93	94	94	95	93	92	95	95	95
SEAR	30	94	93	89	90	90	73	72	82	88	89	92
	3	67	68	68	67	66	65	64	64	65	65	65
WPR	8	94	95	95	85	89	81	94	94	95	88	93
	5	94	85	86	86	86	85	86	86	87	88	93
Global	26	84	84	82	81	82	75	79	83	85	85	90
	22	75	74	74	73	73	73	75	76	77	79	80
% population	55	96	98	96	90	98	95	95	96	100	95	95
N° countries	94	154	182	171	171	179	178	176	180	185	186	182

## Total tetanus



Comments on DTP3 coverage are in the diphtheria section.

Total tetanus incidence is affected not only by DTP3 coverage but also by booster doses received using diphtheria-tetanus toxoid (DT, Td) or tetanus toxoid (see immunization schedules in the country profiles). The decline in reported tetanus incidence in the 1980s is consistent with the reported increases in DTP3 coverage.

The global trends in tetanus are influenced by reporting artefacts, particularly from a few large countries (India, Indonesia). The sudden decline in global incidence during 1995 and 1996 occurred because India reported no tetanus data to WHO during those years and then recommenced in 1997 (at a much lower incidence rate). In 2001, India reported 8'880 cases, did not report in 2002, but then reported 4'713 in 2003 and this largely explained the regional fluctuation. Indonesia did not report tetanus data from 1994 to 1996, nor in 1998 and 2001, and this also affected global and regional trends. China only reported total tetanus data to WHO in 2005, which explains the fluctuation of the figures for WPR. In the African Region, the increase in reported incidence between 1999 and 2001 is largely due to the fact that Kenya and Nigeria did not report any data in 1999 and then reported 628 and 1'643 cases respectively in 2000. In recent years, fewer countries from AMR, EUR and EMR have been reporting data on total tetanus to WHO.

World-wide annual deaths from tetanus (2002) were estimated by WHO at 213'000, out of which 198'000 occurred among children under five years of age (including neonatal tetanus).



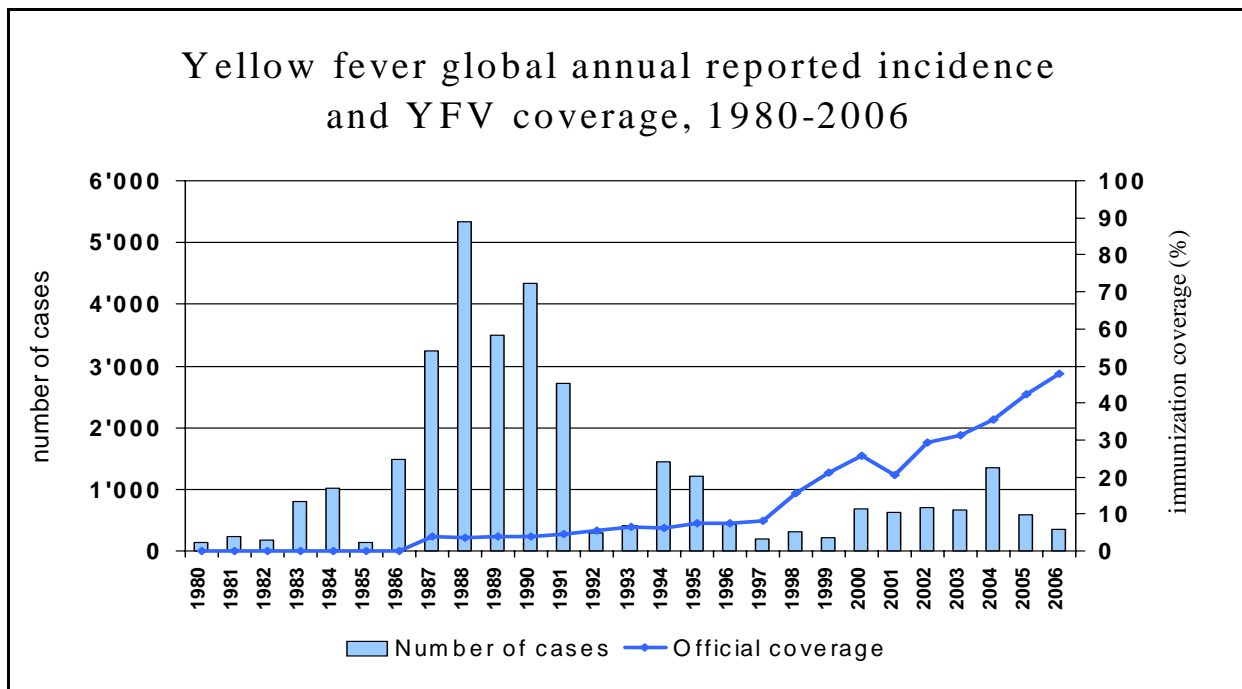
## Regional and global summaries of total tetanus incidence (number of reported cases): 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	17'241	11'858	2'050	2'781	2'350	4'806	6'482	10'761	1'986	2'417	2'754	5'325
AMR	7'055	2'965	650	1'243	1'069	737	530	643	385	882	944	907
EMR	17'721	9'815	3'986	3'806	3'063	2'134	2'038	2'900	1'618	766	914	1'023
EUR	1'715	879	513	351	229	412	270	346	359	255	192	195
SEAR	62'176	35'451	13'269	9'642	6'444	11'259	7'722	13'936	6'305	6'857	7'210	4'866
WPR	8'340	3'410	2'081	1'496	2'669	1'894	2'736	2'392	2'204	2'595	3'966	2'213
Global	114'248	64'378	22'549	19'319	15'824	21'242	19'778	30'978	12'857	13'772	15'980	14'529
N° countries	154	149	160	133	135	149	147	154	146	154	165	160

## Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), DTP3 < 1 year of age: 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	6	55	52	48	51	56	56	61	65	68	72	82
	5	57	50	51	50	54	54	57	63	67	71	73
AMR	50	76	87	88	90	92	91	91	92	94	94	94
	50	74	86	87	89	90	90	91	92	93	93	93
EMR	22	80	80	81	82	81	81	78	77	80	86	87
	18	71	69	71	72	75	76	77	78	79	85	86
EUR	27	85	91	90	92	92	93	93	92	94	95	95
	63	80	91	92	93	93	94	93	91	94	95	95
SEAR	38	94	93	88	89	89	67	72	82	86	88	92
	7	70	67	65	62	63	64	63	64	64	63	63
WPR	11	93	93	94	85	85	78	93	94	96	88	93
	8	94	83	85	84	85	86	85	87	87	88	92
Global	26	83	83	81	81	81	73	78	82	85	86	90
	20	75	72	72	71	73	73	73	75	77	78	79
% population	55	95	98	96	90	99	95	95	96	100	95	94
N° countries	95	155	183	170	171	181	179	177	180	184	185	182

## Yellow fever



WHO recommends that yellow fever (YF) vaccine be introduced in countries at risk for outbreaks. These include 31 countries in the AFR, 11 countries in the Americas, and two countries in the EMR. Global and regional YF immunization coverage figures are calculated using only these 44 countries at risk (43 WHO Member States plus French Guyana). The data in the graph and tables represent global and regional summaries using official data reported from Member States to WHO. The table on yellow fever incidence includes all reporting entities in addition to the 44 at risk. The table on yellow fever coverage shows the number of countries providing data to WHO (labelled "N° countries" which includes countries reporting zero cases) and the proportion of the population in the 44 countries at risk represented by those data (labelled "% population"). Imputation procedures described above were used to complete missing coverage values. The number of countries providing meaningful data has varied over time and has been generally substandard. In 2002, only nine countries reported yellow fever cases (five in AFR and four in AMR), but this number increased in 2003 to 19 countries (15 in AFR and four in AMR), and decreased again in 2006 to 15 countries (12 in AFR, and three in AMR). Some outbreaks were reported occurring in a number of countries (e.g. Sierra Leone), while others were not reported (e.g. in the southern part of Sudan). In 2004 the Democratic Republic of the Congo reported 1'192 cases, however no case was confirmed in the laboratory.

Out of the 43 WHO Member States, 32 have introduced yellow fever vaccine in the routine schedule, of which three have introduced it in high-risk areas. In addition, Seychelles (outside the high-risk group) has introduced yellow fever vaccine in the routine schedule.

World-wide annual deaths from yellow fever (2002) were estimated by WHO at 30'000, of which 15'000 occurred among children under five years of age. These estimates will be revised as better data become available.



## Regional and global summaries of yellow fever incidence: 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	24	4'248	47	33	8	593	572	610	498	1'253	474	272
AMR	120	88	146	276	206	91	46	95	174	90	114	84
EMR	0	0	0	0	0	0	0	0	0	0	0	0
EUR	0	0	0	0	0	0	2	0	0	1	0	0
SEAR	0	0	0	0	0	0	0	0	0	0	0	0
WPR	0	0	0	0	0	0	0	0	0	0	0	0
Global	144	4'336	193	309	214	684	620	705	672	1'344	588	356
N° countries	9	10	64	79	80	99	136	123	126	131	127	133

## Regional and global summaries of reported of vaccination coverage (%), YFV < 1 year of age: 1980, 1990, 1997-2006.

	1980	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AFR	0	6	11	12	15	15	19	20	22	28	37	40
AMR	0	0	0	29	45	65	31	66	68	69	71	88
EMR	0	0	0	0	0	0	0	0	0	0	0	0
Global	0	4	8	16	21	26	20	29	31	35	42	48
% population	-	2	6	29	11	35	35	37	31	58	71	73
N° countries	0	2	5	13	8	15	20	19	19	29	31	32



## 2. Reference section

The reference section consists of four parts. The first part describes the *global and regional profiles* divided by WHO region and development status (R31–R43); the second describes individual *country immunization profiles* (R-45–R-238); the third part, *indicators of immunization system performances* (R-239–R-248) and the fourth, *time series* (R-249–R-365) of reported disease incidence and immunization coverage for all Member States. See pages R-239 to R-248 for a description of the performance indicators. Countries that no longer existed as of 31 December 2006 are not included in the reference section. This information may be available on special request.

### Country profile description

Since 1998 immunization data have been gathered by means of the WHO/UNICEF Joint Reporting Form, or a similar report for the Member States of the Region of the Americas. Each Member State is described in an individual profile which includes:

- (1) **Demographic and economic indicators.** The country's development status is based on the *World Economic and Social Survey 2007* classification. Two economic indicators have been selected: the gross national income (GNI) per capita — formerly gross national product (GNP) — and the gross domestic product (GDP) per capita, adjusted for purchasing power parity (PPP). These data were extracted from the 2007 development indicators database of the World Bank. GDP and GNI are measures of the total amount of productive economic activity in a given economy. They represent the total monetary value of all goods and services produced in a country during a given period of time. When divided by the population of the country, they give the GDP/GNI per capita. The GDP is a territorial concept. It measures the value produced by the factors of production irrespective of their nationality. On the other hand, the GNI is a national concept. It measures the value produced by the factors of production from nationals of a given country only, whether they operate in the country or not. In order to compare the GNI/GDP of more than one country it is necessary to reduce figures in national currencies to a common currency, normally the US dollar. This is usually done by converting at the current exchange rate between the national currency and the US dollar (GNI at current US dollar rate). Because of various exchange-rate systems (e.g. multiple exchange rates, foreign exchange control, government set rates), the exchange rate is often not a good indicator of the comparative purchasing power of money. The United Nations have therefore sponsored a long-term study of the comparative purchasing power of different currencies so as to produce rates of conversion which give a better guide to real differences in income between countries (using purchasing power parity (PPP) rates of conversion rather than the reported official exchange rate). The infant and child mortality rates and population data come from the 2006 revision of the *World Population Prospects*, published by the United Nations Population Division. Infant mortality rate corresponds to the probability of dying between birth and exactly one year of age expressed per 1000 live births. The child (under five years of age) mortality rate is the probability of dying between birth and exactly five years of age expressed per 1000 live births.
- (2) **Incidence table.** This shows the country's reported VPD incidence data in 1980, 1990, and since 2007. Poliomyelitis incidence data have been compiled using data from the WHO's acute flaccid paralysis surveillance database.
- (3) **Coverage data table.** The coverage data tables present coverage data from three different sources.
  - A.** The first columns provide information from the latest immunization coverage surveys in terms of the year of the survey, the type and the results. The year corresponds to the year of the actual cohort surveyed; for a coverage survey performed in 2004 investigating children 12–23 months, 2003 is the year reported, corresponding to the birth cohort surveyed. There are primarily three types of survey, abbreviated as follows: Expanded Programme on Immunization (EPI) 30-cluster survey, the UNICEF Multiple Indicator Cluster Survey (MICS), and the Demographic and Health Survey (DHS). As each survey usually provides several types of results, we chose to present only one, which pertains to the coverage among children 12–23 months of age, vaccinated at any time before the survey, and based on a report by vaccination card or verbal history. The source of this data is a joint WHO/UNICEF database, which only compiles validated results.



**B.** The WHO/UNICEF estimates for the year 2006 as described on page 2. These estimates are available for BCG, DTP1 (since 2004), DTP3, HepB3, Hib3 (since 2004), measles (MCV), Polio3, and protection at birth (PAB), which reflects the proportion of infants who were protected at birth against tetanus thanks to an up-to-date TT immunization status of their mother.

**C.** The time series from 1980 to 2006 represent immunization coverage reported officially by Member States to WHO. Since 1999, the WHO/UNICEF Joint Reporting Form has requested each country's official estimates according to their judgement. This official estimate is the figure used in the coverage time series table. If a country does not report an official estimate, then its administrative coverage is presented. In some instances, countries have reported coverage figures of 100 percent and more. Since this represents numerator or denominator mistakes, we have presented these data as 99 percent. Completeness of reporting (2006), defined as the number of reports received from the district to the national level or the number expected at the national level is also presented. It may help in interpreting reported coverage data. District-level achievements related to immunization coverage in 2006 are reflected in the indicator tables as well as in the individual country profiles. These achievements are presented as the proportion of districts achieving various levels of coverage, and are a critical indicator of health-system performance and equity.

(4) **Immunization schedule.** Shows the country's latest reported immunization schedule.





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# Global and regional immunization profiles



Global .....	R-32
African Region .....	R-33
Region of the Americas .....	R-34
Eastern Mediterranean Region .....	R-35
European Region .....	R-36
South East Asia Region .....	R-37
Western Pacific Region .....	R-38

## Development status

Developed .....	R-39
All developing .....	R-40
Developing .....	R-41
Economy in transition .....	R-42
Least developed .....	R-43



## Global

Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	6'580'921	6'502'983	6'425'275	6'347'724	6'270'099	6'113'437	5'279'007	4'439'786
<b>Live births</b>	134'985	134'397	133'865	133'418	133'082	132'820	136'793	123'711
<b>Surviving infants</b>	128'120	127'440	126'816	126'275	125'841	125'369	128'148	114'051
<b>Pop. less than 5 years</b>	625'407	622'797	620'980	619'905	619'525	620'422	629'747	545'390
<b>Pop. less than 15 years</b>	1'841'906	1'841'380	1'842'270	1'844'242	1'846'406	1'846'856	1'724'575	1'566'771
<b>Female 15-49 years</b>	1'698'386	1'677'375	1'655'843	1'633'781	1'611'211	1'564'554	1'314'119	1'058'498

## Number of reported cases

<b>Diphtheria</b>	3'978	12'735	10'069	6'781	9'064	11'625	23'864	97'774
<b>Measles</b>	373'421	601'232	509'734	680'454	574'171	852'937	1'374'083	4'211'431
<b>Mumps</b>	442'464	619'062	654'216	334'063	477'079	544'093	-	-
<b>Pertussis</b>	115'924	109'710	238'119	107'690	134'958	189'731	476'377	1'982'384
<b>Polio</b>	2'001	2'033	1'258	784	1'922	2'971	23'366	52'795
<b>Rubella</b>	251'311	267'366	308'219	321'180	631'571	671'286	-	-
<b>Rubella (CRS)</b>	191	37	88	99	75	181	-	-
<b>Tetanus (neonatal)</b>	8'376	9'918	9'318	9'028	11'624	16'943	25'293	13'005
<b>Tetanus (total)</b>	14'529	15'980	13'772	12'857	30'978	21'242	64'378	114'248
<b>Yellow fever</b>	356	588	1'344	672	705	684	4'336	144

## Percentage of target population vaccinated, by antigen

based on WHO-UNICEF estimates

TT2plus and YFV are based on reported coverage

<b>BCG</b>	87	85	84	82	81	80	81	16
<b>DTP1</b>	89	88	88	87	85	85	88	30
<b>DTP3</b>	79	78	77	75	73	73	75	20
<b>HepB3</b>	60	56	50	46	40	32	1	-
<b>Hib3</b>	22	21	20	19	17	14	-	-
<b>MCV</b>	80	78	76	75	73	72	73	16
<b>Pol3</b>	80	79	77	76	75	73	75	22
<b>TT2plus</b>	69	66	59	61	63	62	55	9
<b>YFV</b>	48	42	35	31	29	26	4	0

Most countries have standard recommendations regarding which vaccines should be offered and at what ages they should be given. In general, vaccines are recommended for the youngest age group at risk for developing the disease whose members are known to respond to the immunization without adverse effects.

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## African Region

### Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	773'791	755'511	737'536	719'863	702'480	668'515	510'853	379'896
<b>Live births</b>	30'207	29'745	29'260	28'753	28'230	27'167	22'560	17'878
<b>Surviving infants</b>	27'343	26'885	26'408	25'914	25'407	24'385	20'098	15'746
<b>Pop. less than 5 years</b>	126'952	124'493	121'968	119'394	116'834	112'040	92'176	70'113
<b>Pop. less than 15 years</b>	331'158	324'611	318'139	311'752	305'453	293'126	232'768	172'582
<b>Female 15-49 years</b>	183'486	178'825	174'250	169'753	165'314	156'519	115'272	85'293

### Number of reported cases

<b>Diphtheria</b>	351	54	23	216	941	4'038	2'588	8'771
<b>Measles</b>	99'339	316'224	220'732	403'572	286'380	520'102	481'204	1'240'993
<b>Mumps</b>	9'303	18'215	19'266	11'550	18'023	38'713	-	-
<b>Pertussis</b>	18'399	22'139	26'335	16'418	19'452	52'008	89'515	367'961
<b>Polio</b>	1'191	883	934	446	212	1'863	4'228	5'126
<b>Rubella</b>	2'457	2'868	4'452	4'835	2'265	865	-	-
<b>Rubella (CRS)</b>	136	3	4	9	0	0	-	-
<b>Tetanus (neonatal)</b>	3'468	4'415	2'693	2'364	4'693	5'175	7'029	2'265
<b>Tetanus (total)</b>	5'325	2'754	2'417	1'986	10'761	4'806	11'858	17'241
<b>Yellow fever</b>	272	474	1'253	498	610	593	4'248	24

### Percentage of target population vaccinated, by antigen

*based on WHO-UNICEF estimates*

*TT2plus and YFV are based on reported coverage*

<b>BCG</b>	82	80	78	75	72	72	75	10
<b>DTP1</b>	84	82	79	76	72	69	77	8
<b>DTP3</b>	73	71	67	63	57	54	57	5
<b>HepB3</b>	49	47	34	29	23	5	0	-
<b>Hib3</b>	24	20	18	15	13	4	-	-
<b>MCV</b>	73	70	66	64	59	56	57	6
<b>Pol3</b>	75	73	69	66	60	53	58	6
<b>TT2plus</b>	64	58	53	49	45	43	37	2
<b>YFV</b>	40	37	28	22	20	15	6	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## Region of the Americas

Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	894'943	884'609	874'380	864'233	854'080	833'307	723'241	615'505
<b>Live births</b>	15'996	15'993	15'985	15'972	15'957	15'932	16'151	15'407
<b>Surviving infants</b>	15'709	15'697	15'678	15'654	15'626	15'573	15'620	14'634
<b>Pop. less than 5 years</b>	78'207	78'096	77'956	77'795	77'647	77'549	76'996	70'472
<b>Pop. less than 15 years</b>	233'434	233'350	233'245	233'112	232'939	232'406	220'855	200'142
<b>Female 15-49 years</b>	233'754	231'503	229'195	226'815	224'341	218'984	186'225	151'810

## Number of reported cases

<b>Diphtheria</b>	36	263	181	49	170	113	826	5'833
<b>Measles</b>	237	85	108	119	2'579	1'755	218'579	257'790
<b>Mumps</b>	37'427	34'031	29'947	20'712	9'477	43'840	-	-
<b>Pertussis</b>	21'980	8'747	26'194	12'756	15'162	18'144	38'009	123'763
<b>Polio</b>	0	0	0	0	0	12	18	2'989
<b>Rubella</b>	4'755	4'679	3'107	4'962	7'135	39'620	-	-
<b>Rubella (CRS)</b>	14	16	27	14	57	104	-	-
<b>Tetanus (neonatal)</b>	77	114	93	50	111	152	1'176	803
<b>Tetanus (total)</b>	907	944	882	385	643	737	2'965	7'055
<b>Yellow fever</b>	84	114	90	174	95	91	88	120

## Percentage of target population vaccinated, by antigen

based on WHO-UNICEF estimates

TT2plus and YFV are based on reported coverage

<b>BCG</b>	96	96	96	96	95	96	79	53
<b>DTP1</b>	97	96	96	97	96	96	89	68
<b>DTP3</b>	93	93	93	92	91	90	74	50
<b>HepB3</b>	89	85	84	82	75	69	-	-
<b>Hib3</b>	92	90	88	85	80	74	-	-
<b>MCV</b>	93	93	93	94	92	92	80	51
<b>Pol3</b>	92	92	92	92	90	89	75	66
<b>TT2plus</b>	77	64	58	53	50	60	42	2
<b>YFV</b>	88	71	69	68	66	65	0	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## Eastern Mediterranean Region

### Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	540'284	529'822	519'688	509'846	500'191	480'888	380'908	281'939
<b>Live births</b>	14'781	14'558	14'359	14'195	14'073	13'963	14'455	12'251
<b>Surviving infants</b>	13'854	13'624	13'417	13'243	13'109	12'969	13'274	10'939
<b>Pop. less than 5 years</b>	65'582	64'727	64'180	63'911	63'859	64'048	64'317	49'290
<b>Pop. less than 15 years</b>	190'337	189'585	189'185	189'072	189'089	188'720	165'678	123'553
<b>Female 15-49 years</b>	137'883	134'241	130'549	126'820	123'072	115'606	84'602	62'091

### Number of reported cases

<b>Diphtheria</b>	180	251	145	287	924	175	3'604	19'970
<b>Measles</b>	23'303	15'069	59'804	52'110	42'616	38'592	59'058	341'624
<b>Mumps</b>	10'965	14'241	26'492	12'351	19'861	65'935	-	-
<b>Pertussis</b>	10'060	5'164	81'987	1'161	2'650	2'112	27'437	171'631
<b>Polio</b>	107	730	187	113	110	505	1'498	12'622
<b>Rubella</b>	3'685	14'967	8'368	510	569	3'122	-	-
<b>Rubella (CRS)</b>	23	1	3	1	0	0	-	-
<b>Tetanus (neonatal)</b>	886	802	910	1'299	1'986	3'140	4'666	5'190
<b>Tetanus (total)</b>	1'023	914	766	1'618	2'900	2'134	9'815	17'721
<b>Yellow fever</b>	0	0	0	0	0	0	-	-

### Percentage of target population vaccinated, by antigen

*based on WHO-UNICEF estimates*

*TT2plus and YFV are based on reported coverage*

<b>BCG</b>	90	85	84	84	83	78	83	18
<b>DTP1</b>	92	90	86	85	85	82	85	36
<b>DTP3</b>	86	85	79	78	77	75	71	18
<b>HepB3</b>	78	72	66	63	45	40	3	-
<b>Hib3</b>	16	15	12	12	10	5	-	-
<b>MCV</b>	83	82	78	75	75	73	67	15
<b>Pol3</b>	86	85	79	78	78	75	71	21
<b>TT2plus</b>	50	49	50	59	51	48	48	1
<b>YFV</b>	0	0	0	0	0	0	0	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## European Region

Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	887'455	885'479	883'311	880'979	878'615	874'444	850'173	799'212
<b>Live births</b>	10'540	10'499	10'449	10'399	10'360	10'353	12'627	13'368
<b>Surviving infants</b>	10'357	10'314	10'262	10'210	10'166	10'147	12'282	12'881
<b>Pop. less than 5 years</b>	51'319	51'090	50'916	50'809	50'833	51'565	64'662	64'290
<b>Pop. less than 15 years</b>	158'770	160'505	162'652	165'166	167'958	173'882	193'586	193'596
<b>Female 15-49 years</b>	226'328	226'489	226'293	225'764	224'999	223'278	209'235	197'625

## Number of reported cases

<b>Diphtheria</b>	320	500	688	897	1'189	1'585	3'202	618
<b>Measles</b>	53'344	37'332	29'503	28'199	46'714	37'421	234'827	851'849
<b>Mumps</b>	89'270	242'011	251'003	188'413	169'110	243'344	-	-
<b>Pertussis</b>	30'168	26'425	42'220	25'530	25'176	53'675	129'735	90'546
<b>Polio</b>	0	0	0	0	0	0	346	549
<b>Rubella</b>	193'923	206'359	263'964	304'390	617'860	621'039	-	-
<b>Rubella (CRS)</b>	16	16	31	12	7	48	-	-
<b>Tetanus (neonatal)</b>	18	32	15	41	32	27	69	26
<b>Tetanus (total)</b>	195	192	255	359	346	412	879	1'715
<b>Yellow fever</b>	0	0	1	0	0	0	-	-

## Percentage of target population vaccinated, by antigen

based on WHO-UNICEF estimates

TT2plus and YFV are based on reported coverage

<b>BCG</b>	93	91	91	93	93	93	84	20
<b>DTP1</b>	97	97	96	94	95	96	90	70
<b>DTP3</b>	95	95	94	91	93	93	80	63
<b>HepB3</b>	74	74	72	68	65	42	4	-
<b>Hib3</b>	44	43	42	41	41	36	-	-
<b>MCV</b>	94	93	91	90	91	91	83	55
<b>Pol3</b>	95	95	95	92	93	94	84	72
<b>TT2plus</b>	53	48	43	38	38	38	17	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## South-East Asia Region

### Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	1'721'049	1'696'547	1'671'904	1'647'119	1'622'170	1'571'641	1'308'403	1'057'142
<b>Live births</b>	38'939	39'070	39'192	39'301	39'398	39'570	39'742	36'661
<b>Surviving infants</b>	36'897	36'965	37'022	37'066	37'099	37'142	36'615	33'030
<b>Pop. less than 5 years</b>	183'170	183'307	183'337	183'272	183'180	183'259	175'765	156'086
<b>Pop. less than 15 years</b>	541'147	540'624	539'661	538'275	536'502	532'034	485'724	419'974
<b>Female 15-49 years</b>	443'309	435'737	428'166	420'584	412'929	397'074	315'467	246'720

### Number of reported cases

<b>Diphtheria</b>	3'016	10'908	8'874	4'596	5'583	5'470	11'582	47'354
<b>Measles</b>	94'562	104'506	107'824	94'644	66'597	78'574	224'925	199'535
<b>Mumps</b>	13'120	14'532	12'861	13'318	2'710	9'395	-	-
<b>Pertussis</b>	27'657	25'675	40'277	40'477	41'836	38'510	156'028	399'310
<b>Polio</b>	702	419	134	225	1'600	591	11'313	20'089
<b>Rubella</b>	4'088	9'834	1'231	1'481	520	1'165	-	-
<b>Rubella (CRS)</b>	2	0	20	61	8	26	-	-
<b>Tetanus (neonatal)</b>	1'073	1'444	2'133	2'393	2'146	4'322	11'725	3'149
<b>Tetanus (total)</b>	4'866	7'210	6'857	6'305	13'936	11'259	35'451	62'176
<b>Yellow fever</b>	0	0	0	0	0	0	-	-

### Percentage of target population vaccinated, by antigen

*based on WHO-UNICEF estimates*

*TT2plus and YFV are based on reported coverage*

<b>BCG</b>	82	81	81	79	78	75	71	13
<b>DTP1</b>	82	82	83	83	83	83	87	22
<b>DTP3</b>	63	63	64	64	63	63	70	7
<b>HepB3</b>	28	26	19	12	11	10	-	-
<b>Hib3</b>	-	-	-	-	-	-	-	-
<b>MCV</b>	65	65	64	62	62	60	59	0
<b>Pol3</b>	65	65	65	64	64	66	67	3
<b>TT2plus</b>	78	78	68	73	84	81	74	17



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.





## Western Pacific Region

Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	1'763'399	1'751'016	1'738'457	1'725'684	1'712'564	1'684'641	1'505'430	1'306'092
<b>Live births</b>	24'521	24'531	24'620	24'798	25'064	25'835	31'260	28'147
<b>Surviving infants</b>	23'960	23'956	24'029	24'188	24'433	25'154	30'257	26'822
<b>Pop. less than 5 years</b>	120'176	121'084	122'622	124'724	127'173	131'962	155'832	135'140
<b>Pop. less than 15 years</b>	387'061	392'705	399'389	406'866	414'466	426'686	425'964	456'924
<b>Female 15-49 years</b>	473'627	470'582	467'390	464'045	460'556	453'093	403'318	314'959

## Number of reported cases

<b>Diphtheria</b>	75	759	158	736	257	244	2'062	15'228
<b>Measles</b>	102'636	128'016	91'763	101'810	129'285	176'493	155'490	1'319'640
<b>Mumps</b>	282'379	296'032	314'647	87'719	257'898	142'866	-	-
<b>Pertussis</b>	7'660	21'560	21'106	11'348	30'682	25'282	35'653	829'173
<b>Polio</b>	1	1	3	0	0	0	5'963	11'420
<b>Rubella</b>	42'403	28'659	27'097	5'002	3'222	5'475	-	-
<b>Rubella (CRS)</b>	0	1	3	2	3	3	-	-
<b>Tetanus (neonatal)</b>	2'854	3'111	3'474	2'881	2'656	4'127	628	1'572
<b>Tetanus (total)</b>	2'213	3'966	2'595	2'204	2'392	1'894	3'410	8'340
<b>Yellow fever</b>	0	0	0	0	0	0	-	-

## Percentage of target population vaccinated, by antigen

based on WHO-UNICEF estimates

TT2plus and YFV are based on reported coverage

<b>BCG</b>	92	88	88	86	86	86	96	6
<b>DTP1</b>	93	94	94	95	93	95	97	12
<b>DTP3</b>	92	88	87	87	85	85	94	8
<b>HepB3</b>	85	77	76	74	67	59	2	-
<b>Hib3</b>	3	3	4	3	1	1	-	-
<b>MCV</b>	93	88	86	86	85	86	93	5
<b>Pol3</b>	93	88	87	86	86	86	94	5
<b>TT2plus</b>	64	65	65	55	62	68	38	7



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## Developed

### Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	963'103	957'965	952'491	946'736	940'877	929'732	878'303	827'774
<b>Live births</b>	10'859	10'834	10'804	10'772	10'743	10'716	11'433	11'700
<b>Surviving infants</b>	10'801	10'776	10'745	10'712	10'683	10'653	11'341	11'554
<b>Pop. less than 5 years</b>	54'087	53'945	53'807	53'678	53'605	53'842	57'303	58'224
<b>Pop. less than 15 years</b>	166'408	166'931	167'471	168'034	168'629	169'979	174'442	185'542
<b>Female 15-49 years</b>	231'624	231'692	231'574	231'281	230'899	230'297	223'728	206'996

### Number of reported cases

<b>Diphtheria</b>	38	21	27	33	61	274	35	292
<b>Measles</b>	4'334	1'518	14'795	22'394	53'974	35'987	150'642	465'736
<b>Mumps</b>	48'886	143'131	247'753	191'554	307'295	230'187	-	-
<b>Pertussis</b>	33'029	34'565	60'801	27'697	46'796	43'752	73'228	66'333
<b>Polio</b>	0	0	0	0	0	0	1	58
<b>Rubella</b>	21'238	9'940	8'502	15'809	55'692	55'560	-	-
<b>Rubella (CRS)</b>	2	12	8	6	6	26	-	-
<b>Tetanus (neonatal)</b>	0	0	0	0	0	0	0	9
<b>Tetanus (total)</b>	110	78	213	288	271	346	518	1'353
<b>Yellow fever</b>	0	0	0	0	1	0	-	-

### Percentage of target population vaccinated, by antigen

*based on WHO-UNICEF estimates*

*TT2plus and YFV are based on reported coverage*

<b>BCG</b>	86	86	85	85	86	86	71	40
<b>DTP1</b>	98	98	98	98	97	98	96	70
<b>DTP3</b>	96	96	95	95	94	93	89	63
<b>HepB3</b>	63	63	62	62	60	56	5	-
<b>Hib3</b>	82	81	80	79	78	74	-	-
<b>MCV</b>	93	92	92	92	91	90	84	53
<b>Pol3</b>	94	94	94	93	92	93	89	61
<b>TT2plus</b>	42	42	42	42	42	42	6	0
<b>YFV</b>	0	0	0	0	0	0	0	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## All developing

Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	5'617'818	5'545'019	5'472'784	5'400'988	5'329'222	5'183'705	4'400'705	3'612'012
<b>Live births</b>	124'126	123'563	123'061	122'647	122'340	122'104	125'360	112'012
<b>Surviving infants</b>	117'318	116'664	116'071	115'562	115'158	114'716	116'807	102'497
<b>Pop. less than 5 years</b>	571'320	568'852	567'173	566'227	565'920	566'580	572'443	487'166
<b>Pop. less than 15 years</b>	1'675'498	1'674'449	1'674'798	1'676'208	1'677'777	1'676'876	1'550'133	1'381'229
<b>Female 15-49 years</b>	1'466'762	1'445'683	1'424'269	1'402'500	1'380'312	1'334'257	1'090'390	851'501

## Number of reported cases

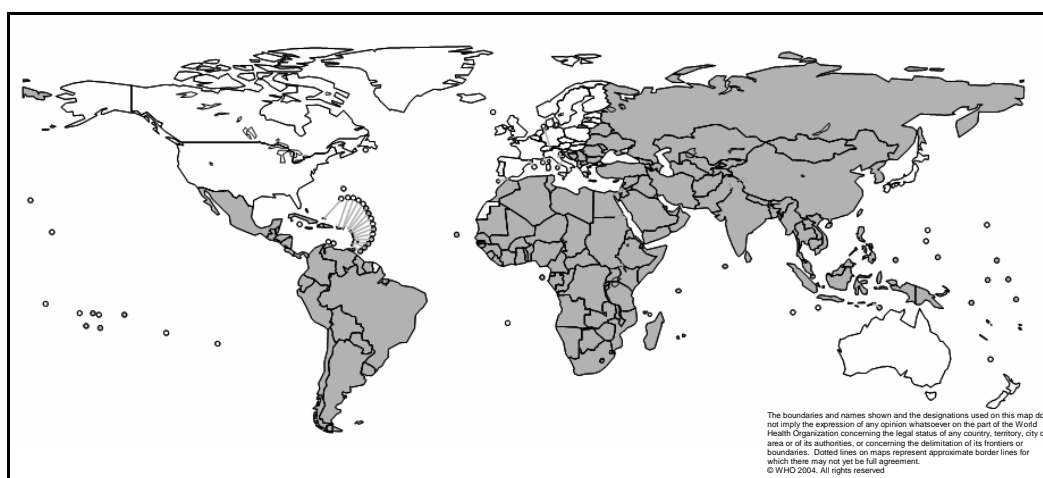
<b>Diphtheria</b>	3'940	12'714	10'042	6'748	9'003	11'351	23'829	97'482
<b>Measles</b>	369'087	599'714	494'939	658'060	520'197	816'950	1'223'441	3'745'695
<b>Mumps</b>	393'578	475'931	406'463	142'509	169'784	313'906	-	-
<b>Pertussis</b>	82'895	75'145	177'318	79'993	88'162	145'979	403'149	1'916'051
<b>Polio</b>	2'001	2'033	1'258	784	1'922	2'971	23'365	52'737
<b>Rubella</b>	230'073	257'426	299'717	305'371	575'879	615'726	-	-
<b>Rubella (CRS)</b>	189	25	80	93	69	155	-	-
<b>Tetanus (neonatal)</b>	8'376	9'918	9'318	9'028	11'624	16'943	25'293	12'996
<b>Tetanus (total)</b>	14'419	15'902	13'559	12'569	30'707	20'896	63'860	112'895
<b>Yellow fever</b>	356	588	1'344	672	704	684	4'336	144

## Percentage of target population vaccinated, by antigen

based on WHO-UNICEF estimates

TT2plus and YFV are based on reported coverage

<b>BCG</b>	87	85	84	83	81	80	82	16
<b>DTP1</b>	88	87	87	86	85	85	90	25
<b>DTP3</b>	77	76	74	74	72	72	78	12
<b>HepB3</b>	61	58	53	49	44	38	1	-
<b>Hib3</b>	17	17	17	16	14	11	-	-
<b>MCV</b>	79	77	75	74	73	72	74	8
<b>Pol3</b>	79	77	75	75	74	73	77	15
<b>TT2plus</b>	69	66	59	61	63	62	55	9
<b>YFV</b>	48	42	35	31	29	26	4	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## Developing

### Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	4'500'712	4'445'929	4'391'271	4'336'627	4'281'583	4'168'215	3'537'600	2'894'846
<b>Live births</b>	91'319	91'209	91'171	91'225	91'382	92'021	97'366	87'924
<b>Surviving infants</b>	87'206	87'008	86'879	86'841	86'906	87'349	91'563	81'046
<b>Pop. less than 5 years</b>	429'618	429'499	430'177	431'569	433'479	437'747	451'647	388'501
<b>Pop. less than 15 years</b>	1'290'630	1'294'246	1'298'845	1'304'125	1'309'275	1'315'147	1'232'728	1'123'335
<b>Female 15-49 years</b>	1'188'015	1'171'680	1'155'092	1'138'226	1'120'982	1'084'749	887'711	679'592

### Number of reported cases

<b>Diphtheria</b>	3'395	11'599	9'016	5'048	6'562	9'597	17'175	87'569
<b>Measles</b>	204'786	326'832	243'552	374'234	257'594	530'211	901'593	2'272'820
<b>Mumps</b>	347'017	369'006	298'824	49'057	43'530	157'253	-	-
<b>Pertussis</b>	55'974	54'038	140'045	44'093	67'166	90'556	287'653	1'421'599
<b>Polio</b>	1'865	1'277	1'005	696	1'899	1'331	21'761	41'778
<b>Rubella</b>	52'753	52'326	39'387	10'169	9'910	46'609	-	-
<b>Rubella (CRS)</b>	174	18	52	75	64	124	-	-
<b>Tetanus (neonatal)</b>	6'175	6'833	6'370	5'919	6'700	12'832	20'857	9'790
<b>Tetanus (total)</b>	7'490	11'280	8'063	8'579	19'989	16'634	53'286	85'482
<b>Yellow fever</b>	223	120	94	201	303	91	4'336	144

### Percentage of target population vaccinated, by antigen

*based on WHO-UNICEF estimates*

*TT2plus and YFV are based on reported coverage*

<b>BCG</b>	87	85	84	83	81	80	82	16
<b>DTP1</b>	88	87	87	86	85	85	90	25
<b>DTP3</b>	77	76	74	74	72	72	78	12
<b>HepB3</b>	61	58	53	49	44	38	1	-
<b>Hib3</b>	17	17	17	16	14	11	-	-
<b>MCV</b>	79	77	75	74	73	72	74	8
<b>Pol3</b>	79	77	75	75	74	73	77	15
<b>TT2plus</b>	59	56	52	52	55	55	43	8
<b>YFV</b>	11	9	8	7	7	7	0	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## Economy in transition

Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	331'662	332'274	332'949	333'675	334'442	336'042	337'632	311'351
<b>Live births</b>	4'151	4'115	4'072	4'027	3'986	3'947	5'628	5'830
<b>Surviving infants</b>	4'031	3'995	3'951	3'905	3'862	3'818	5'424	5'590
<b>Pop. less than 5 years</b>	19'588	19'380	19'189	19'031	18'961	19'344	29'823	27'232
<b>Pop. less than 15 years</b>	60'543	61'788	63'415	65'380	67'584	72'172	85'898	77'611
<b>Female 15-49 years</b>	89'923	90'193	90'257	90'126	89'841	89'029	81'920	79'878

## Number of reported cases

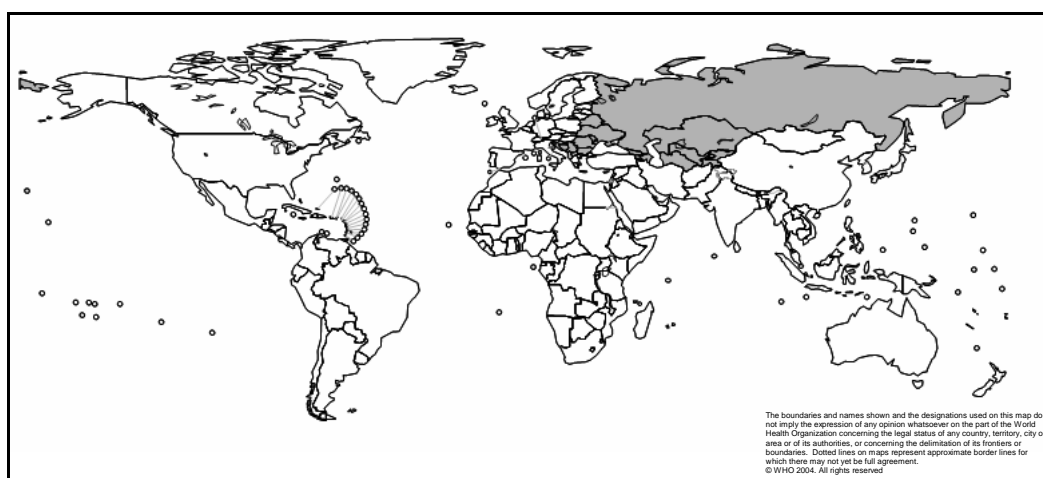
<b>Diphtheria</b>	282	479	662	866	1'129	1'310	3'168	366
<b>Measles</b>	49'045	29'714	14'564	8'351	18'827	8'115	105'541	417'869
<b>Mumps</b>	27'075	79'402	88'329	81'881	117'086	146'441	-	-
<b>Pertussis</b>	11'798	7'459	14'730	14'045	6'861	33'863	70'034	32'434
<b>Polio</b>	0	0	0	0	0	0	345	310
<b>Rubella</b>	171'646	194'515	258'326	291'470	565'044	569'078	-	-
<b>Rubella (CRS)</b>	15	4	27	9	5	31	-	-
<b>Tetanus (neonatal)</b>	0	0	0	0	0	1	2	17
<b>Tetanus (total)</b>	80	70	108	107	134	151	358	470
<b>Yellow fever</b>	0	0	1	0	0	0	-	-

## Percentage of target population vaccinated, by antigen

based on WHO-UNICEF estimates

TT2plus and YFV are based on reported coverage

<b>BCG</b>	97	95	95	97	98	97	91	3
<b>DTP1</b>	98	97	97	97	97	97	83	85
<b>DTP3</b>	97	97	96	95	96	96	71	83
<b>HepB3</b>	95	94	93	85	77	21	-	-
<b>Hib3</b>	4	1	1	1	1	-	-	-
<b>MCV</b>	97	98	97	96	96	96	86	83
<b>Pol3</b>	97	97	97	95	97	96	76	83
<b>TT2plus</b>	92	92	92	91	91	93	0	0
<b>YFV</b>	0	0	0	0	0	0	0	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



## Least developed

### Population data in thousands <sup>1</sup>

	2006	2005	2004	2003	2002	2000	1990	1980
<b>Total population</b>	785'444	766'816	748'564	730'685	713'197	679'447	525'473	405'815
<b>Live births</b>	28'656	28'239	27'818	27'395	26'972	26'135	22'366	18'257
<b>Surviving infants</b>	26'081	25'662	25'240	24'816	24'390	23'548	19'820	15'861
<b>Pop. less than 5 years</b>	122'114	119'973	117'807	115'627	113'479	109'489	90'974	71'433
<b>Pop. less than 15 years</b>	324'325	318'415	312'539	306'703	300'918	289'557	231'508	180'282
<b>Female 15-49 years</b>	188'824	183'810	178'920	174'148	169'489	160'479	120'759	92'031

### Number of reported cases

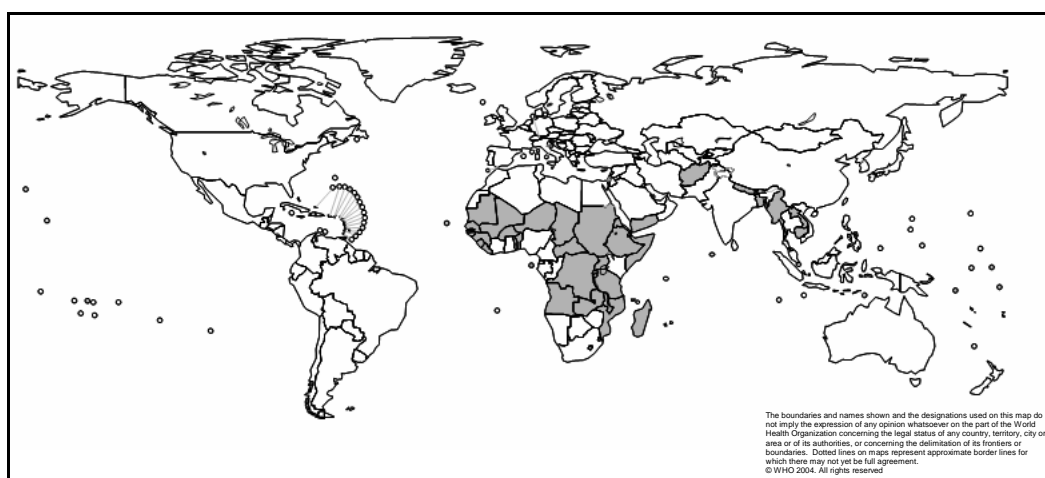
<b>Diphtheria</b>	263	636	364	834	1'312	444	3'486	9'547
<b>Measles</b>	115'256	243'168	236'823	275'475	243'776	278'624	216'307	1'055'006
<b>Mumps</b>	19'486	27'523	19'310	11'571	9'168	10'212	-	-
<b>Pertussis</b>	15'123	13'648	22'543	21'855	14'135	21'560	45'462	462'018
<b>Polio</b>	136	756	253	88	23	1'640	1'259	10'649
<b>Rubella</b>	5'674	10'585	2'004	3'732	925	39	-	-
<b>Rubella (CRS)</b>	0	3	1	9	0	0	-	-
<b>Tetanus (neonatal)</b>	2'201	3'085	2'948	3'109	4'924	4'110	4'434	3'189
<b>Tetanus (total)</b>	6'849	4'552	5'388	3'883	10'584	4'111	10'216	26'943
<b>Yellow fever</b>	133	468	1'249	471	401	593	0	-

### Percentage of target population vaccinated, by antigen

*based on WHO-UNICEF estimates*

*TT2plus and YFV are based on reported coverage*

<b>BCG</b>	85	82	81	78	78	76	74	11
<b>DTP1</b>	87	86	85	81	79	76	75	11
<b>DTP3</b>	77	76	74	69	65	61	56	5
<b>HepB3</b>	50	40	27	21	14	1	0	-
<b>Hib3</b>	17	12	10	6	5	0	-	-
<b>MCV</b>	74	71	70	67	64	61	55	6
<b>Pol3</b>	77	76	74	69	65	61	56	6
<b>TT2plus</b>	66	60	52	55	52	50	42	3
<b>YFV</b>	21	19	15	12	10	6	3	0



Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.



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# Member States immunization profiles





## Member States immunization profiles index



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# Immunization profile - Afghanistan



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	161		Child (under 5 years) mortality rate	2 § 241

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	26'088	25'067	24'076	23'115	22'214	20'737	12'659	13'946
Live births	1'272	1'232	1'195	1'161	1'131	1'077	707	687
Surviving infants	1'068	1'031	998	968	941	894	585	558
Pop. less than 5 years	4'823	4'656	4'500	4'354	4'219	3'994	2'405	2'560
Pop. less than 15 years	12'225	11'775	11'333	10'900	10'490	9'802	5'855	6'294
Female 15-49 years	5'592	5'356	5'127	4'907	4'704	4'376	2'711	3'039

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	53	179	26	79	854	84	368	1'939	
Measles	1'990	1'296	466	798	2'486	6'532	1'609	32'455	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	2'515	2'173	558	-	1'439	896	411	15'748	
Polio	31	9	4	8	10	120	48	880	
Rubella	196	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	33	39	81	121	595	139	3	16	
Tetanus (total)	43	-	0	121	975	-	131	1'618	
Yellow fever	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1999	78 MICS	90	73	78	56	59	38	30	33
DTP1	1999	71 MICS	90	88	80	65	58	41	-	-
DTP3	1999	45 MICS	77	76	66	54	48	31	25	4
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	57 MICS	68	64	61	50	44	35	20	11
MCV2	-	-	26	13	2	-	-	-	-	-
Pol3	1999	58 MICS	77	76	66	54	48	32	25	3
TT2plus	1999	46 MICS	54	51	33	40	37	20	2	1
VitA	-	-	-	-	-	-	-	15	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	90	73	78	56	59	38	30	-
DTP1	90	88	80	65	58	41	50	22
DTP3	77	76	66	54	48	31	25	4
HepB3	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	68	64	61	50	44	35	20	11
PAB	88	87	77	60	52	32	13	1
Pol3	77	76	66	54	48	32	25	3

Number of districts in the country	329	Proportion of districts reporting DTP3 coverage	{ Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
DTwPHep	6, 10, 14 weeks:		
DTwPHibHep	(From September 2007)		
Measles	9, 18 months:		
OPV	birth: 6, 10, 14 weeks: 9 months:		
TT	1st contact pregnancy: +1, +6 months: +1, +1 year:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Albania



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	2'570	GDP per capita (US\$) <sup>1</sup>	5316
Infant (under 12 months) mortality rate	<sup>2</sup> §	20	Child (under 5 years) mortality rate	<sup>2</sup> §	23

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'172	3'154	3'134	3'115	3'098	3'080	3'289	2'671
Live births	52	52	53	53	54	56	78	73
Surviving infants	51	51	52	52	53	55	75	70
Pop. less than 5 years	250	253	257	264	272	291	389	344
Pop. less than 15 years	809	829	854	884	916	970	1'078	958
Female 15-49 years	848	840	829	816	802	781	831	635

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	4	17	3	
Measles	68	0	0	4	12	662	-	-	
Mumps	236	1'696	896	2'236	3'124	1'651	-	-	
Pertussis	0	15	72	11	20	89	329	137	
Polio	0	0	0	0	0	0	0	1	
Rubella	0	0	0	9	12	1'752	-	-	
Rubella (CRS)	0	0	14	0	-	-	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	1	0	
Tetanus (total)	2	1	1	0	1	2	15	5	
Yellow fever	0	0	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	80 MICS	97	98	97	95	94	93	94	-	-
DTP1	1999	71 MICS	98	98	98	97	98	98	-	-	-
DTP3	1999	52 MICS	97	98	97	97	98	97	94	-	-
HepB3	-	-	98	98	99	97	96	96	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	1999	61 MICS	95	97	96	93	96	95	-	-	-
MCV2	-	-	94	97	96	93	93	-	-	-	-
Pol3	1999	29 MICS	97	97	98	97	98	97	-	-	-
TT2plus	-	-	86	86	85	73	71	89	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	98	98	97	95	94	93	94	93			
DTP1	98	98	98	97	98	98	97	97			
DTP3	98	98	97	97	98	97	94	94			
HepB3	98	98	99	97	96	96	-	-			
Hib3	-	-	-	-	-	-	-	-			
MCV	97	97	96	93	96	95	88	90			
PAB	87	86	85	81	80	86	0	0			
Pol3	97	97	98	97	98	97	89	92			

Number of districts in the country	36	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	92
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	8
			From 50 to 79%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	CBAW (15-45 years): 1st contact: +1 month;
DT	5 years;		
DTwP	2, 4, 6 months; 2 years;		
HepB	birth; 2, 6 months;		
HIB	(From January 2008)		
MMR	1, 5 years;		
OPV	2, 4, 6 months; 2, 5 years;		
Td	14 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Algeria



Development status	Developing	GNI per capita (US\$)	1	2'730	GDP per capita (US\$)	1	7062
Infant (under 12 months) mortality rate	2 §	33		Child (under 5 years) mortality rate	2 §		35

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	33'351	32'854	32'366	31'885	31'414	30'506	25'283	18'811
Live births	694	683	671	659	647	632	806	825
Surviving infants	671	659	647	634	622	605	759	747
Pop. less than 5 years	3'213	3'156	3'097	3'039	2'996	3'019	3'837	3'359
Pop. less than 15 years	9'653	9'740	9'841	9'955	10'085	10'395	10'879	8'623
Female 15-49 years	9'518	9'310	9'098	8'883	8'662	8'196	5'787	4'063

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	3	7	8	7	0	-	30	116	
Measles	944	2'302	3'289	15'374	5'862	-	1'796	15'527	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	23	18	7	22	57	-	23	710	
Polio	0	0	0	0	0	0	2	116	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	5	8	3	3	4	-	27	-	
Tetanus (total)	9	18	13	-	-	-	38	86	
Yellow fever	-	-	-	-	-	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey</i>		<i>Official country estimates</i>						
	Year	Result							

BCG	2001	98 PAPP	99	98	98	98	98	98	-	65	-
DTP1	2001	96 PAPP	98	94	93	93	93	93	-	-	-
DTP3	2001	92 PAPP	95	88	86	87	86	86	-	58	-
HepB3	-	-	80	83	81	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2001	91 PAPP	91	83	81	84	81	81	-	53	-
MCV2	-	-	98	94	94	96	93	93	-	-	-
Pol3	1999	92 MICS	95	88	86	87	86	86	-	81	-
TT2plus	1999	45 MICS	57	-	-	55	55	55	-	5	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i>								

BCG	99	98	98	98	98	97	99	-
DTP1	98	94	93	93	93	97	96	-
DTP3	95	88	86	87	86	92	89	-
HepB3	80	83	81	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	91	83	81	84	81	80	83	-
PAB	70	69	69	66	65	63	5	0
Pol3	95	88	86	87	86	90	89	-

Number of districts in the country	185	Proportion of districts reporting DTP3 coverage	{ Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DT	6 years:		
DTwP	3, 4, 5, 18 months:		
HepB	birth: 1, 5 months:		
Measles	9 months: 6 years:		
OPV	birth: 3, 4, 5, 18 months: 6, 11-13, 16-18 years:		
Td	11-13, 16-18 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Andorra



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	<sup>2</sup> §	-	-	Child (under 5 years) mortality rate	<sup>2</sup> §

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	74	73	72	71	69	66	53	37
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	4	4	4	3	3	3	3	3
Pop. less than 15 years	11	11	10	10	10	10	10	10
Female 15-49 years	19	19	19	18	18	17	13	9

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	-	-	-
Measles	0	0	0	0	1	2	-	-	-
Mumps	3	1	2	1	-	-	-	-	-
Pertussis	-	-	0	0	0	0	-	-	-
Polio	0	0	0	0	0	0	-	-	
Rubella	22	0	0	0	-	-	-	-	
Rubella (CRS)	0	0	0	0	-	-	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	-	-	
Tetanus (total)	0	0	0	0	0	0	-	-	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-
DTP3	-	93	98	99	99	97	98	-	-
HepB3	-	84	79	77	-	84	84	-	-
Hib3	-	93	97	95	91	-	90	-	-
MCV	-	91	94	98	96	98	97	-	-
MCV2	-	-	-	-	-	-	-	-	-
Pol3	-	93	98	99	99	95	95	-	-
TT2plus	-	-	-	-	-	95	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	-	-	-	-	-	-	-	-	-
DTP1	97	98	99	99	98	98	98	-	-
DTP3	93	98	99	99	97	98	98	-	-
HepB3	84	79	77	81	84	84	84	-	-
Hib3	93	97	95	91	91	91	90	-	-
MCV	91	94	98	96	98	98	97	-	-
Pol3	93	98	99	99	95	95	95	-	-

Number of districts in the country	1	Proportion of districts reporting DTP3 coverage	{ <ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule		Vaccine	Schedule
DTaP	15 years:		
DTaPHibHepIPV	2, 6 months:		
DTaPHibIPV	4, 15 months:		
DTaPIPV	5 years:		
HepB	birth:		
MenC_conj	2, 4, 6 months:		
MMR	15 months; 5 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Angola



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	1'410	GDP per capita (US\$) <sup>1</sup>	2335
Infant (under 12 months) mortality rate	2 §	135	Child (under 5 years) mortality rate	2 §	236

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	16'557	16'095	15'636	15'180	14'737	13'930	10'534	7'834
Live births	792	774	756	737	719	683	565	416
Surviving infants	685	668	651	634	617	584	476	349
Pop. less than 5 years	3'082	2'999	2'911	2'820	2'731	2'587	2'075	1'522
Pop. less than 15 years	7'662	7'471	7'276	7'078	6'883	6'530	4'982	3'642
Female 15-49 years	3'809	3'694	3'581	3'472	3'366	3'170	2'345	1'749

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	16	0	0	64	0	
Measles	765	258	29	1'196	11'945	2'219	29'069	29'656	
Mumps	-	-	23	-	0	-	-	-	
Pertussis	1'328	0	1'675	2'654	0	560	14'420	54'126	
Polio	2	10	0	0	0	115	-	32	
Rubella	14	10	43	22	0	-	-	-	
Rubella (CRS)	-	-	0	-	0	-	-	-	
Tetanus (neonatal)	60	89	100	117	173	131	959	541	
Tetanus (total)	1'633	0	153	643	964	-	1'826	1'185	
Yellow fever	0	0	0	0	0	0	0	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2000	69 MICS	65	61	72	62	80	56	-	-
DTP1	2000	56 MICS	66	62	75	68	65	44	-	-
DTP3	2000	34 MICS	44	47	59	46	47	31	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	53 MICS	48	45	64	62	72	-	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2000	63 MICS	44	46	57	45	42	33	-	-
TT2plus	2000	62 MICS	56	53	72	72	14	-	-	-
VitA	-	-	79	34	17	-	-	-	-	-
YFV	-	-	43	44	60	52	46	29	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			65	61	72	62	82	56	48	-
DTP1			66	62	75	68	65	44	48	-
DTP3			44	47	59	46	47	31	24	-
HepB3			-	-	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			48	45	64	62	74	41	38	-
PAB			80	78	84	82	52	77	34	0
Pol3			44	46	57	45	42	33	23	-

Number of districts in the country	164	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	2
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	2
		Proportion of districts not reporting DTP3 coverage	From 50 to 79%	20
			Lesser than 50%	66
				10

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	2, 4, 6 months:		
DTwPHibHep	2, 4, 6 months:		
Measles	9 months:		
OPV	2, 4, 6 months:		
TT	1st contact pregnancy: +1, +6 months: +1, +1 year:		
VitaminaA	6, 9 months:		
YF	9 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Antigua and Barbuda



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	<sup>2</sup> §	-	-	Child (under 5 years) mortality rate	<sup>2</sup> §

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	84	83	82	81	80	77	62	72
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	8	8	8	8	8	8	7	9
Pop. less than 15 years	24	24	23	23	23	23	20	26
Female 15-49 years	22	22	21	21	21	20	16	18

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	0	0	0	0	0
Measles	0	0	0	0	0	0	0	2' 291	-
Mumps	0	0	0	-	0	-	-	-	-
Pertussis	0	0	0	-	0	0	0	0	0
Polio	0	0	0	0	0	0	0	0	0
Rubella	0	0	0	-	0	-	-	-	-
Rubella (CRS)	0	0	0	-	0	-	-	-	-
Tetanus (neonatal)	0	0	0	-	0	0	0	0	0
Tetanus (total)	0	0	0	-	0	0	0	0	3
Yellow fever	0	0	0	-	0	0	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	-	-	-	-	-	-	99	-	-
DTP1	-	96	99	91	-	98	-	-	-
DTP3	-	99*	99	97	99*	98	95	99	54
HepB3	-	99*	99	97	99	99*	-	-	-
Hib3	-	99*	99	97	99*	82	-	-	-
MCV	-	99*	99*	97	99*	99*	95	89	-
MCV2	-	68	46	-	-	-	-	-	-
Pol3	-	99*	98	97	99*	93	96	99	36
TT2plus	-	-	-	-	-	1	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	-	-	-	-	-	-	-	-	-
DTP1	96	99	91	95	98	99	99	99	77
DTP3	99	99	97	99	98	95	99	99	54
HepB3	99	99	97	99	99	-	-	-	-
Hib3	99	99	97	99	82	-	-	-	-
MCV	99	99	97	99	99	95	89	-	-
Pol3	99	98	97	99	93	96	99	99	36

Number of districts in the country	26	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule		Vaccine	Schedule
DT	5 years:		
DTwP	18 months: 4 years: (M18)		
DTwPHibHep	2, 4, 6 months:		
HepB	(Those requiring)		
MMR	1, 5 years:		
OPV	2, 4, 6 months: 5, 15 years:		
Td	>=15 years:		
YF	(Those requiring for travel)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Argentina



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	4'470	GDP per capita (US\$) <sup>1</sup>	14280
Infant (under 12 months) mortality rate	2 §	14	Child (under 5 years) mortality rate	2 §	16

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	39'134	38'747	38'372	38'005	37'642	36'896	32'581	28'094
Live births	690	687	685	684	685	693	709	692
Surviving infants	680	677	675	674	675	680	691	668
Pop. less than 5 years	3'346	3'340	3'350	3'372	3'402	3'457	3'395	3'330
Pop. less than 15 years	10'221	10'237	10'259	10'286	10'312	10'331	10'014	8'574
Female 15-49 years	9'828	9'713	9'599	9'487	9'376	9'153	7'767	6'758

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	-	0	31	86	
Measles	0	0	0	0	0	6	1'967	16'102	
Mumps	11'461	10'727	11'483	-	-	-	-	-	
Pertussis	1'607	2'060	976	-	-	515	2'012	27'223	
Polio	0	0	0	0	0	0	0	32	
Rubella	299	0	6	-	-	-	-	-	
Rubella (CRS)	0	0	0	-	-	-	-	-	
Tetanus (neonatal)	0	0	0	-	-	0	8	0	
Tetanus (total)	5	14	25	-	-	12	49	219	
Yellow fever	0	0	0	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	-	99*	99	99	99	99	99	99*	62
DTP1	-	93	93	96	-	-	88	-	-
DTP3	-	91	92	96	98	93	83	87	44
HepB3	-	84	87	92	91	66	-	-	-
Hib3	-	91	92	95	98	93	83	-	-
MCV	-	97	99*	99*	99*	95	91	93	61
MCV2	-	91	99*	85	-	-	91	-	-
Pol3	-	92	92	96	98	94	88	90	33
TT2plus	-	50	47	70	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	70	-	40	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	99	99	99	99	99	99	99	99	62
DTP1	93	93	96	98	97	94	95	69	
DTP3	91	92	96	98	93	83	87	44	
HepB3	84	87	92	91	66	-	-	-	
Hib3	91	92	95	98	93	83	-	-	
MCV	97	99	99	99	95	91	93	61	
Pol3	92	92	96	98	94	88	90	33	

Number of districts in the country	548	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	61
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	18
			From 50 to 79%	14
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		7

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6 years:	MMR	1, 6 years:
DTwP	6 years:	MR	(CBAW)
DTwPHiB	2, 4, 6, 18 months:	OPV	2, 4, 6, 18 months: 6 years:
HepA	1 year:	Pneumo_conj	(risk groups)
HepB	birth; 2, 6 months:	Td	16 years: (Every 10 years)
HIB	2, 4, 6, 18 months: (special groups)	YF	12 months: (Risk Areas)
Influenza	6-34 months: 3-64 years: >65 years:		
IPV	2, 4, 6, 18 months: 6 years: (special groups)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Armenia



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	1'470	GDP per capita (US\$) <sup>1</sup>	4945
Infant (under 12 months) mortality rate	<sup>2</sup> §	29	Child (under 5 years) mortality rate	<sup>2</sup> §	34

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'010	3'018	3'027	3'038	3'050	3'082	3'545	3'096
Live births	36	35	35	34	34	36	73	72
Surviving infants	35	34	34	33	33	35	70	68
Pop. less than 5 years	164	163	165	169	176	198	389	331
Pop. less than 15 years	602	629	659	692	727	798	1'077	941
Female 15-49 years	885	886	884	881	875	862	900	837

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	1	0	7	-	-
Measles	137	2'281	1'783	4	40	15	879	-	-
Mumps	128	167	504	-	1'759	3'431	-	-	-
Pertussis	2	6	7	3	3	10	469	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	13'500	620	733	333	1'318	673	-	-	-
Rubella (CRS)	0	-	-	0	-	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	2	0	1	0	1	1	-	-	-
Yellow fever	-	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2004	98 DHS	91	94	96	92	97	97	-	-
DTP1	2004	95 DHS	-	-	-	-	-	-	-	-
DTP3	2004	71 DHS	87	90	91	94	94	93	-	-
HepB3	2004	75 DHS	78	91	91	93	91	55	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2004	72 DHS	92	94	92	94	60	92	-	-
MCV2	-	-	85	92	94	93	62	94	-	-
Pol3	2004	77 DHS	87	92	93	96	96	96	-	-
TT2plus	1998	EPI	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			91	94	96	92	97	97	-	-
DTP1			95	96	97	97	97	97	-	-
DTP3			87	90	91	94	94	93	-	-
HepB3			78	91	91	93	91	55	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			92	94	92	94	91	92	-	-
Pol3			87	92	93	96	96	96	-	-

Number of districts in the country	51	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	59
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	29
			From 50 to 79%	10
			Lesser than 50%	2
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth;		
DTwP	3, 4.5, 6, 18 months;		
HepB	birth; 1.5, 3, 6 months;		
MMR	12 month; 6 years;		
OPV	3, 4.5, 6, 18, 24 months;		
Td	6, 16, 26, 36, 46, 56 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Australia



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	33'120	GDP per capita (US\$) <sup>1</sup>	31794
Infant (under 12 months) mortality rate	<sup>2</sup> §	4	Child (under 5 years) mortality rate	<sup>2</sup> §	6

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	20'530	20'310	20'081	19'844	19'604	19'139	16'873	14'638
Live births	255	253	252	251	250	249	253	228
Surviving infants	254	252	251	250	249	248	251	226
Pop. less than 5 years	1'267	1'263	1'261	1'261	1'263	1'271	1'237	1'133
Pop. less than 15 years	3'959	3'965	3'968	3'969	3'966	3'956	3'695	3'702
Female 15-49 years	5'073	5'048	5'019	4'988	4'955	4'892	4'452	3'650

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	0	0	0	7	1	
Measles	-	10	70	91	32	108	880	-	-
Mumps	-	240	106	76	68	212	-	-	-
Pertussis	-	11'277	8'676	4'968	5'563	5'795	862	124	
Polio	0	0	0	0	0	0	0	0	
Rubella	-	31	44	56	253	313	-	-	-
Rubella (CRS)	-	1	1	1	1	-	-	-	-
Tetanus (neonatal)	-	0	0	-	-	-	-	-	-
Tetanus (total)	-	2	5	3	2	7	6	9	
Yellow fever	-	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							
BCG	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-
DTP3	-	92	92	93	92	90	95	33	
HepB3	-	94	95	95	94	-	-	-	-
Hib3	-	94	95	95	95	90	-	-	-
MCV	-	94	93	94	93	91	86	-	-
MCV2	-	85	85	-	-	-	-	-	-
Pol3	-	92	92	93	92	90	72	17	
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								
	Year	Result							
BCG	-	-	-	-	-	-	-	-	-
DTP1	97	97	97	97	97	96	98	58	
DTP3	92	92	92	93	92	90	95	33	
HepB3	94	94	95	95	94	-	-	-	-
Hib3	94	94	95	95	95	90	-	-	-
MCV	94	94	93	94	93	91	86	-	-
Pol3	92	92	92	93	92	90	72	17	

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DTaP	15-17 years: (adolescent vaccine)	Hib	2, 4, 12 months: [Part of country] (PRP-OMP vaccine)
DTaPHepIPV	2, 4, 6 months: [Part of country]	Influenza	>65 years: (annual dose)
DTaPHibHepIPV	2, 4, 6 months: [Part of country]	MenC_conj	12 months:
DTaPIPv	4 years:	MMR	12 months; 4 years:
HepA	12-24 months (x2); 18-30 months: [Part of country]	Pneumo_conj	2, 4, 6 months:
HepB	0-7 days; 10-13 years: (birth dose and catch-up adolescent dose)	Pneumo_ps	18 months; 4 years; >65 years: (specific eligible children only)

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Austria



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	37'190	GDP per capita (US\$) <sup>1</sup>	33700
Infant (under 12 months) mortality rate	<sup>2</sup> §	4	Child (under 5 years) mortality rate	<sup>2</sup> §	5

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	8'327	8'292	8'253	8'212	8'172	8'111	7'729	7'549
Live births	77	77	77	77	78	80	91	89
Surviving infants	76	76	77	77	78	80	90	87
Pop. less than 5 years	394	396	398	400	403	416	447	430
Pop. less than 15 years	1'296	1'308	1'318	1'326	1'334	1'353	1'347	1'541
Female 15-49 years	2'044	2'040	2'033	2'025	2'016	2'003	1'965	1'819

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	23	9	15	90	-	-	-	-	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	72	130	130	170	150	117	234	186	
Polio	0	0	0	0	0	0	0	1	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	-	-	-	-	-	-	-	-	
Tetanus (total)	0	-	-	-	-	-	-	-	
Yellow fever	-	0	0	0	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	69	91	97	68	77	75	-	-	-
DTP3	-	83	86	83	84	83	81	90	-	-
HepB3	-	83	86	83	83	81	33	-	-	-
Hib3	-	83	86	83	84	82	72	-	-	-
MCV	-	80	75	74	79	78	75	60	-	-
MCV2	-	61	91	47	46	39	35	-	-	-
Pol3	-	83	86	83	84	82	71	90	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	-	-	-	-	-	-	-	97	90	
DTP1	94	91	97	94	94	94	93	96	96	
DTP3	83	86	83	84	83	83	81	90	90	
HepB3	83	86	83	83	81	81	33	-	-	
Hib3	83	86	83	84	82	82	72	-	-	
MCV	80	75	74	79	78	78	75	60	-	
Pol3	83	86	83	84	82	82	71	90	90	

Number of districts in the country	121	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DTaPHibHepIPV	0-1 year (x3); 1-2 years;	Pneumo_conj	0-1 year (x3); 1-2 years; (children belonging to defined high risk groups)
DTIPV	(school entrance)		
DTwP	(school end)		
HepB	12-13 years; (school: booster)		
IPV	0-1 year (x3); 1-2 years;		
MMR	1-2 years (x2); (second dose earliest 28 days after 1st dose; catch-up vaccination at any age)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Azerbaijan



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	1'240	GDP per capita (US\$) <sup>1</sup>	5016
Infant (under 12 months) mortality rate	2 §	73	Child (under 5 years) mortality rate	2 §	88

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	8'406	8'352	8'306	8'266	8'229	8'143	7'212	6'161
Live births	129	125	122	121	121	130	195	157
Surviving infants	120	116	113	112	112	120	178	143
Pop. less than 5 years	547	543	553	576	609	690	942	706
Pop. less than 15 years	2'038	2'110	2'191	2'280	2'369	2'520	2'471	2'128
Female 15-49 years	2'551	2'519	2'483	2'444	2'402	2'306	1'845	1'585

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	7	4	-	-
Measles	222	1'238	827	1'978	4'353	210	2'026	-	-
Mumps	162	303	508	794	5'178	6'817	-	-	-
Pertussis	60	2	2	1	3	11	63	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	127	1'025	5'796	1'055	1'197	219	-	-	-
Rubella (CRS)	-	0	0	0	-	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-	-	-
Tetanus (total)	2	2	2	1	0	3	-	-	-
Yellow fever	-	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1998	95 EPI	99	98	99	99	99	99	99	-	-
DTP1	1998	EPI	97	95	98	98	97	97	-	-	-
DTP3	1998	94 EPI	95	93	96	97	97	97	99	-	-
HepB3	-	-	93	96	97	98	97	97	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	1998	88 EPI	96	98	98	98	97	97	99	-	-
MCV2	-	-	95	98	98	97	98	98	-	-	-
Pol3	1998	97 EPI	97	97	97	99	99*	99	99	-	-
TT2plus	1998	EPI	-	-	-	-	-	-	-	-	-
VitA	-	-	95	98	70	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG	99	98	99	99	99	99	99	99	-	-
DTP1	97	95	98	98	97	97	97	99	-	-
DTP3	95	93	96	97	97	97	99	-	-	-
HepB3	93	96	97	98	97	97	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	96	98	98	98	97	97	99	-	-	-
Pol3	97	97	97	98	99	99	99	-	-	-

Number of districts in the country	64	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	97
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		3

Immunization schedule		Vaccine	Schedule
BCG	4-7 days:		
DT	6 years:		
DTwP	2, 3, 4, 18 months:		
HepB	birth; 2, 4 months:		
MMR	12 months; 6 years:		
OPV	4-7 days; 2, 3, 4, 18 months:		
VitaminA	12, 18 months; 6 years:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Bahamas



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	2 §	14	Child (under 5 years) mortality rate	2 §	18

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	327	323	319	315	311	303	255	210
Live births	6	6	6	6	6	6	6	6
Surviving infants	6	6	6	6	6	6	6	6
Pop. less than 5 years	28	28	28	29	29	30	28	26
Pop. less than 15 years	89	89	89	89	89	89	83	81
Female 15–49 years	92	90	89	88	87	85	70	53

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	–	0	–	0	0	0	0	0
Measles	0	0	0	0	0	0	72	484	
Mumps	0	–	0	–	–	–	–	–	
Pertussis	0	–	0	–	0	0	0	15	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	–	0	–	–	–	–	–	
Rubella (CRS)	0	–	0	–	–	–	–	–	
Tetanus (neonatal)	0	–	0	–	0	0	0	0	
Tetanus (total)	0	–	0	–	0	0	0	3	
Yellow fever	0	–	0	–	–	–	–	–	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	–	–	–	–	–	–	–	–	–	–
DTP1	–	94	99	99*	–	–	99*	–	–	–
DTP3	–	95	93	93	–	94	99	87	36	–
HepB3	–	95	93	93	88	89	–	–	–	–
Hib3	–	95	93	93	93	94	90	–	–	–
MCV	–	88	85	89	90	94	93	99	–	–
MCV2	–	88	88	95	–	–	–	–	–	–
Pol3	–	94	93	92	93	93	91	82	35	–
TT2plus	–	99	95	87	–	–	–	–	–	–
VitA	–	–	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>									
	Year	Result								
BCG	–	–	–	–	–	–	–	–	–	–
DTP1	95	99	99	97	98	99	95	61	–	–
DTP3	95	93	93	92	94	99	86	36	–	–
HepB3	96	93	93	88	89	–	–	–	–	–
Hib3	95	93	93	93	94	90	–	–	–	–
MCV	88	85	89	90	94	93	86	–	–	–
PAB	92	90	89	88	87	85	71	0	–	–
Pol3	94	93	92	93	93	91	82	35	–	–

Number of districts in the country	92	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DT	4–5 years: (school age)	Influenza	
DTaPHepIPV	2, 4, 6 months: (Private Sector)	IPV	2, 4, 6 months: [Part of country]
DTaPHibHepIPV	2, 4, 6 months: [Part of country] (Private Sector)	MMR	1, 4–5 years:
DTaPHibIPV	2, 4, 6 months: (Private Sector)	OPV	2, 4, 6 months: 4–5 years:
DTwP	2, 4, 6 months: [Part of country] (Private Sector)	Td	10 years:
DTwPHep	2, 4, 6 months: (Private Sector)	TT	10 years:
DTwPHib	15 months:	YF	(Travellers)
DTwPHibHep	2, 4, 6 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Bahrain



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	21482
Infant (under 12 months) mortality rate	2 §	12	Child (under 5 years) mortality rate	2 §	14

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	739	725	710	695	680	650	493	347
Live births	13	13	13	13	13	13	14	12
Surviving infants	13	13	13	13	13	13	14	11
Pop. less than 5 years	65	65	64	64	63	62	58	44
Pop. less than 15 years	191	190	189	188	186	182	155	120
Female 15–49 years	186	182	178	174	171	162	113	73

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	–	0	–	0	0	0	0	1
Measles	3	4	11	12	8	6	59	1'861	–
Mumps	22	87	35	35	0	167	–	–	–
Pertussis	0	–	0	–	0	0	0	106	–
Polio	0	0	0	0	0	0	0	6	–
Rubella	3	7	2	7	0	2	–	–	–
Rubella (CRS)	0	0	0	0	0	0	–	–	–
Tetanus (neonatal)	0	–	0	–	0	0	0	0	–
Tetanus (total)	0	–	0	–	0	0	2	4	–
Yellow fever	0	–	0	–	0	0	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1994		83	89	70	99*	20	–	–	63
DTP1	1994	99	99*	99	97	99	99*	98	–	–
DTP3	1994	90	98	98	98	97	98	97	94	92
HepB3	1994	88	98	98	98	98	98	97	–	–
Hib3	–		97	98	98	97	98	97	–	–
MCV	1994	94	99*	99*	99	99*	99	98	87	63
MCV2	–		99	99	99	99*	97	92	–	–
Pol3	1994	90	98	98	98	97	98	97	94	92
TT2plus	1985	EPI	44	69	49	56	59	71	41	6
VitA	–		–	–	–	–	–	–	–	–
YFV	–		–	99*	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	–	–	–	–	–	–	–	–	–	–
DTP1	99	99	97	99	99	99	99	98	97	89
DTP3	98	98	98	97	98	98	98	97	94	72
HepB3	98	98	98	98	98	98	98	97	–	–
Hib3	97	98	98	97	98	98	98	97	–	–
MCV	99	99	99	99	99	99	99	98	87	45
PAB	65	78	70	70	71	71	71	77	48	5
Pol3	98	98	98	97	98	98	98	97	94	72

Number of districts in the country	4	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90% 100</li> <li>From 80 to 89% 0</li> <li>From 50 to 79% 0</li> <li>Lesser than 50% 0</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	0

## Immunization schedule

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; [Part of country] (Expatriates)	HepB	13 years: (Contact, staff, school student, college student)
DT	2, 4, 6, 18 months; 5 years: [Part of country] (high risk groups)	Hib	2, 4, 6, 18 months: [Part of country] (contra indication for pertussis)
DTaP	5 years;	Influenza	(old age, staff and high risk group)
DTaPHibHep	2, 4, 6, 18 months;	IPV	2, 4, 6, 18 months; 5 years: [Part of country] (immunocompromized)
DTwPHibHepIPV	(From January 2008)	MenACWY	2 years: (national pilgrim, family contact, travellers)
HepA	1, 2 years;	MMR	1, 5, 12 years;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Bangladesh



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	470	GDP per capita (US\$) <sup>1</sup>	2053
Infant (under 12 months) mortality rate	2 §	55	Child (under 5 years) mortality rate	2 §	73

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	155'991	153'281	150'528	147'741	144'943	139'434	113'049	88'855
Live births	4'013	4'029	4'040	4'042	4'033	3'989	3'990	3'605
Surviving infants	3'793	3'801	3'804	3'798	3'782	3'724	3'602	3'137
Pop. less than 5 years	18'951	18'916	18'775	18'548	18'284	17'911	17'164	14'307
Pop. less than 15 years	54'157	53'927	53'609	53'215	52'777	51'933	46'056	38'130
Female 15-49 years	40'070	39'175	38'294	37'423	36'556	34'804	26'825	20'169

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	34	125	117	78	73	21	711	1'559	
Measles	6'180	25'934	9'743	4'067	3'484	5'098	1'705	11'077	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	46	125	140	332	587	252	4'879	12'436	
Polio	18	0	0	0	0	198	374	65	
Rubella	3'418	9'229	327	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	256	341	748	390	336	376	740	1'068	
Tetanus (total)	1'224	1'388	1'897	715	1'036	1'155	2'511	2'855	
Yellow fever	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2004	96 EPI	98	96	92	95	95	95	95	91	-
DTP1	2004	96 EPI	97	95	97	91	86	88	-	-	-
DTP3	2004	88 EPI	84	78	96	72	69	68	69	-	-
HepB3	-	-	84	84	59	5	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2004	81 EPI	84	78	96	69	65	61	82	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	2004	88 EPI	92	84	96	72	70	68	69	-	-
TT2plus	2002	89 DHS	94	88	41	89	89	89	73	2	2
VitA	-	-	73	68	90	87	79	68	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			96	96	96	95	95	95	86	-	-
DTP1			96	96	96	93	95	93	86	-	-
DTP3			88	88	88	81	83	83	69	-	-
HepB3			88	62	10	5	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			81	81	81	76	75	76	65	-	-
PAB			92	89	89	89	89	88	70	2	2
Pol3			88	88	88	82	83	83	69	-	-

Number of districts in the country	64	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	59
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	20
			From 50 to 79%	20
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	38 weeks;
DTwP	6, 10, 14 weeks;		
DTwPHibHep	6, 10, 14 weeks; (From January 2008)		
HepB	6, 10, 14 weeks;		
Measles	38 weeks;		
OPV	6, 10, 14, 38 weeks;		
Td	6 years; +1 year (x2); (From January 2008)		
TT	15 years; +1, +6 months; +1, +1 year;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Barbados



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	2 §	11		Child (under 5 years) mortality rate	2 § 12

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	293	292	291	290	289	286	271	249
Live births	3	3	3	3	3	4	4	4
Surviving infants	3	3	3	3	3	4	4	4
Pop. less than 5 years	17	17	17	17	18	18	22	22
Pop. less than 15 years	54	55	56	57	58	60	65	74
Female 15–49 years	82	83	83	84	84	84	78	63

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	–	0	–	–	0	0	0	0
Measles	0	0	0	0	0	0	51	27	
Mumps	0	–	0	–	–	0	–	–	
Pertussis	0	–	0	–	–	0	3	0	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	–	0	–	–	1	–	–	
Rubella (CRS)	0	–	0	–	–	0	–	–	
Tetanus (neonatal)	0	–	0	–	0	0	0	0	
Tetanus (total)	0	–	0	–	0	1	5	13	
Yellow fever	0	–	0	–	–	0	–	–	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	–	–	–	–	–	–	92	95	–	
DTP1	–	81	–	–	91	–	93	–	–	
DTP3	–	84	92	93	89	–	93	91	60	
HepB3	–	84	92	93	91	66	–	–	–	
Hib3	–	84	92	93	88	66	–	–	–	
MCV	–	92	93	98	90	–	94	87	41	
MCV2	–	94	98	99*	–	–	–	–	–	
Pol3	–	85	91	93	90	–	56	90	99	
TT2plus	–	–	–	–	–	–	–	–	20	
VitA	–	–	–	–	–	–	–	–	–	
YFV	–	–	–	–	–	–	–	–	–	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	–	–	–	–	–	–	–	–	–	
DTP1	81	97	97	91	91	93	97	82		
DTP3	84	92	93	89	87	93	91	60		
HepB3	84	92	93	91	66	–	–	–		
Hib3	84	92	93	88	66	–	–	–		
MCV	92	93	98	90	91	94	87	41		
Pol3	85	91	93	90	86	86	90	99		

Number of districts in the country	8	Proportion of districts reporting DTP3 coverage	{ Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	5–6 years;	Td	Pregnancy;
DT	4–5 years;	Varicella	(special groups)
DTwP	18 months; 4.5 years;	YF	(travellers)
DTwPHibHep	3, 4.5, 6 months;		
HepB	(special circumstances)		
HIB	(special circumstances)		
MMR	12 months; 3–5 years;		
OPV	3, 4.5, 6, 18 months; 4.5 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Belarus



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	2'760	GDP per capita (US\$) <sup>1</sup>	7918
Infant (under 12 months) mortality rate	2 §	9	Child (under 5 years) mortality rate	2 §	12

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	9'742	9'795	9'848	9'899	9'951	10'052	10'260	9'659
Live births	91	91	91	91	91	92	145	157
Surviving infants	90	90	90	90	90	91	142	154
Pop. less than 5 years	455	455	455	454	456	473	807	745
Pop. less than 15 years	1'487	1'536	1'594	1'660	1'733	1'885	2'367	2'210
Female 15-49 years	2'657	2'675	2'684	2'687	2'683	2'666	2'482	2'502

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	6	11	15	6	7	52	22	-
Measles	149	1	2	21	14	21	224	-
Mumps	446	502	759	2'189	7'044	19'069	-	-
Pertussis	76	80	80	79	70	169	462	-
Polio	0	0	0	0	0	0	-	-
Rubella	2'360	3'812	4'492	1'625	5'173	16'034	-	-
Rubella (CRS)	3	-	1	-	0	0	-	-
Tetanus (neonatal)	0	0	-	-	0	0	-	-
Tetanus (total)	0	1	2	2	4	1	-	-
Yellow fever	-	0	-	-	0	0	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>							
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
Year	Result								
BCG	-	99	99	99	99	99	99	-	-
DTP1	-	99	99	-	-	-	-	-	-
DTP3	-	99	99	99	86	99	99	-	-
HepB3	-	98	99	99	91	99	70	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	-	97	99	99	99	99	98	-	-
MCV2	-	95	98	99	98	99	92	-	-
Pol3	-	97	98	99	90	99	99	-	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>							
		<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG		99	99	99	99	99	99	-	-
DTP1		99	99	99	74	99	99	-	-
DTP3		99	99	99	50	99	99	-	-
HepB3		98	99	99	56	99	70	-	-
Hib3		-	-	-	-	-	-	-	-
MCV		97	99	99	99	99	98	-	-
Pol3		97	98	99	53	99	99	-	-

Number of districts in the country	138	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	5 days; 7, 14 years:	OPV	5, 18, 24 months; 7 years:
Dip	11 years:	Td	16 years:
DT	6 years:		
DTwP	3, 4, 5, 18 months:		
HepB	birth; 1, 5 months; 13 years:		
Influenza	(children and old persons)		
IPV	3, 4 months:		
MMR	1, 6 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Belgium



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	36'140	GDP per capita (US\$) <sup>1</sup>	32119
Infant (under 12 months) mortality rate	<sup>2</sup> §	4	Child (under 5 years) mortality rate	<sup>2</sup> §	5

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	10'430	10'398	10'360	10'316	10'271	10'193	9'933	9'828
Live births	110	110	111	111	111	112	119	119
Surviving infants	109	110	110	111	111	112	118	117
Pop. less than 5 years	561	563	564	565	565	570	587	600
Pop. less than 15 years	1'763	1'772	1'777	1'779	1'779	1'781	1'793	1'986
Female 15-49 years	2'452	2'457	2'458	2'454	2'449	2'446	2'434	2'368

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	1	1	-	0	1	
Measles	15	26	61	44	-	-	-	-	
Mumps	54	70	56	94	-	-	-	-	
Pertussis	196	231	96	59	27	-	-	-	
Polio	0	0	0	0	0	0	0	1	
Rubella	-	-	38	58	8	-	-	-	
Rubella (CRS)	-	0	-	0	-	-	-	-	
Tetanus (neonatal)	0	-	0	0	-	-	0	-	
Tetanus (total)	1	3	2	1	1	-	2	4	
Yellow fever	0	0	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	-	-	-	-	-	-	-	-	-
DTP1	-	99	98	97	-	-	-	-	-
DTP3	-	99	97	95	-	-	95	93	-
HepB3	-	94	78	65	-	-	60	-	-
Hib3	-	98	95	95	-	-	-	-	-
MCV	-	92	88	82	-	-	82	85	-
MCV2	-	-	-	-	-	-	-	-	-
Pol3	-	99	97	96	-	-	96	95	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								
	Year	Result							

BCG	-	-	-	-	-	-	-	-	-
DTP1	98	98	97	96	96	98	97	98	
DTP3	97	97	95	93	91	95	93	95	
HepB3	78	78	65	60	55	60	-	-	
Hib3	95	95	95	90	85	62	-	-	
MCV	88	88	82	80	77	82	85	-	
Pol3	97	97	96	96	95	96	95	99	

Number of districts in the country	43	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DTaPHibHepIPV	2, 3, 4, 13-18 months:	Td	14-18 years:
DTaPIPV	5-7 years:		
HepB	10-13 years: +1, +6 months:		
MenC_conj	12-18 months:		
MMR	12 months; 10-13 years:		
Pneumo_conj	2, 3, 4, 12-15 months:		
Rotavirus	2, 3, (4) months: (2 or 3 doses are recommended depending on which vaccine is used)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Belize



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	3 1570	GDP per capita (US\$) <sup>1</sup>	7109
Infant (under 12 months) mortality rate	2 §	17	Child (under 5 years) mortality rate	2 §	21

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	282	276	269	263	257	245	186	144
Live births	7	7	7	7	7	7	7	6
Surviving infants	7	7	7	7	7	7	6	5
Pop. less than 5 years	36	36	36	36	36	35	30	24
Pop. less than 15 years	105	104	103	102	100	98	82	67
Female 15-49 years	72	70	68	66	64	60	41	30

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	1	0	0
Measles	0	0	0	0	0	0	25	607	
Mumps	24	30	-	-	3	-	-	-	
Pertussis	0	0	0	0	0	0	3	11	
Polio	0	0	0	0	0	0	0	3	
Rubella	0	0	0	0	0	8	-	-	
Rubella (CRS)	0	0	0	0	0	-	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	1	0	0	0	0	0	0	1	
Yellow fever	0	0	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	1994	92	97	96	99*	99	97	95	93	65
DTP1	1994		96	97	99	99	99*	88	-	-
DTP3	1994	83	98	96	95	96	89	89	91	47
HepB3	-		98	97	96	96	97	75	-	-
Hib3	-		98	96	96	96	89	-	-	-
MCV	1994	83	99*	95	95	94	89	95	86	21
MCV2	-		92	87	-	-	-	-	-	-
Pol3	1994	83	98	96	95	95	93	89	86	21
TT2plus	-		77	82	76	-	74	-	-	-
VitA	-		-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	97	96	99	99	97	95	93	65
DTP1	96	97	99	99	99	96	97	72
DTP3	98	96	95	96	89	89	91	47
HepB3	98	97	96	96	97	75	-	-
Hib3	98	96	96	96	89	-	-	-
MCV	99	95	95	96	89	95	86	21
PAB	85	87	86	86	84	85	88	0
Pol3	98	96	95	95	93	89	86	21

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

## Immunization schedule

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	IPV	2, 4, 6 months; 4-5 years; ( children 2 months to 4 years born to HIV+ women)
DT	2, 4, 6 months; 4-5 years: (children with neurological conditions or who cannot tolerate DPT)	MMR	12 months; 2 years;
DTwP	2, 4, 6 months; 4-5 years:	OPV	2, 4, 6 months; 4-5 years;
DTwPHibHep	2, 4, 6 months:	Td	1st contact: +1 month: (Pregnancy not fully immunized, children 10 years to adults)
HepB	1st Contact: +1, +6 months: (Children and adults all ages who have not had the vaccine)	Vitamina	2, 6, 12, 18, 24, 30 months:
Influenza	>60 years: (From October 2007)	YF	(Travellers)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Benin



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	510	GDP per capita (US\$) <sup>1</sup>	1141
Infant (under 12 months) mortality rate	2 §	101	Child (under 5 years) mortality rate	2 §	151

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	8'760	8'490	8'224	7'962	7'706	7'227	5'179	3'709
Live births	358	351	343	336	328	313	248	187
Surviving infants	322	315	308	300	293	279	218	162
Pop. less than 5 years	1'488	1'452	1'416	1'381	1'347	1'282	988	685
Pop. less than 15 years	3'851	3'753	3'657	3'562	3'469	3'291	2'441	1'678
Female 15-49 years	2'007	1'941	1'876	1'811	1'748	1'630	1'147	851

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	-	-	0	-	-	-	127
Measles	176	210	262	217	1'588	4'244	-	18'635	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	0	99	49	-	-	215	-	2'694	
Polio	0	0	6	2	0	1	81	155	
Rubella	8	2	30	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	7	12	17	25	24	52	247	-	
Tetanus (total)	-	12	17	25	-	288	-	499	
Yellow fever	0	0	31	57	0	10	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2000	94 EPI	99*	99*	99*	99*	99*	99*	99*	74	-
DTP1	2000	91 EPI	99*	99*	99	99*	99*	99*	99*	-	-
DTP3	2000	79 EPI	93	93	83	88	93	93	88	78	-
HepB3	-	-	93	92	89	81	15	-	-	-	-
Hib3	-	-	93	35	-	-	-	-	-	-	-
MCV	2000	72 EPI	89	85	85	83	88	85	73	-	-
MCV2	-	-	-	-	-	99*	-	-	-	-	-
Pol3	2000	78 EPI	93	93	89	88	93	88	78	-	-
TT2plus	2000	63 EPI	68	65	68	72	75	81	46	-	-
VitA	-	-	94	-	-	-	-	-	-	-	-
YFV	-	-	90	85	86	83	27	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			99	99	99	99	94	94	92	-
DTP1			99	99	99	99	92	91	86	-
DTP3			93	93	83	88	79	79	74	-
HepB3			93	92	89	81	15	-	-	-
Hib3			93	35	-	-	-	-	-	-
MCV			89	85	85	83	78	68	79	-
PAB			94	94	92	84	85	87	48	0
Pol3			93	93	89	88	72	78	74	-

Number of districts in the country	77	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	69
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	14
			From 50 to 79%	17
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwPHibHep			6, 10, 14 weeks;
Measles			9 months;
OPV			birth; 6, 10, 14 weeks;
TT			1st contact pregnancy: +1, +6 months; +1, +1 year;
VitaminaA			postpartum;
YF			9 months;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Bhutan



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	1'250	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	47	Child (under 5 years) mortality rate	2 §	68

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	649	637	623	607	591	559	547	423
Live births	12	13	13	13	13	14	20	18
Surviving infants	12	12	12	12	13	13	18	16
Pop. less than 5 years	61	63	64	66	68	71	91	73
Pop. less than 15 years	206	210	214	218	221	225	233	176
Female 15-49 years	164	158	153	147	142	131	120	94

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	0	0	-	1	-	5	
Measles	0	11	3	0	27	418	173	1'642	
Mumps	-	144	-	-	-	1'967	-	-	
Pertussis	1	1	0	0	-	18	3	464	
Polio	0	-	0	0	0	0	0	6	
Rubella	7	81	12	350	-	0	-	-	
Rubella (CRS)	-	-	-	-	-	0	-	-	
Tetanus (neonatal)	1	-	0	-	-	0	1	-	
Tetanus (total)	-	1	-	-	-	2	0	3	
Yellow fever	-	-	-	-	-	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	2001	100 EPI	92	99*	92	93	83	97	87	43
DTP1	2001	100 EPI	98	97	93	98	86	99	-	-
DTP3	2001	99 EPI	95	95	89	95	86	92	84	6
HepB3	2001	96 EPI	95	95	89	95	83	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2001	96 EPI	90	93	87	88	78	-	79	21
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2001	99 EPI	96	95	90	96	89	98	84	4
TT2plus	2001	86 EPI	67	-	-	78	-	76	63	-
VitA	-	-	90	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	92	99	92	93	83	97	99	43
DTP1	98	97	93	98	86	99	98	25
DTP3	95	95	89	95	86	92	96	6
HepB3	95	95	89	95	83	98	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	90	93	87	88	78	76	93	21
PAB	84	86	88	87	87	85	63	0
Pol3	96	95	90	96	89	98	96	4

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	85
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	15
			From 50 to 79%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DT	2 years:		
DTwPHep	6, 10, 14 weeks:		
DTwPHibHep	(From November 2007)		
MR	9, 24 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	(pregnant women)		
Vitamina	6, 12, 18, 24, 30, 36 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Bolivia



Development status	Developing	GNI per capita (US\$)	1	1'010	GDP per capita (US\$)	1	2819
Infant (under 12 months) mortality rate	2 §	48		Child (under 5 years) mortality rate	2 §		64

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	9'354	9'182	9'009	8'835	8'661	8'317	6'669	5'355
Live births	264	265	265	264	264	262	244	212
Surviving infants	251	251	251	250	249	246	224	186
Pop. less than 5 years	1'243	1'239	1'231	1'221	1'209	1'190	1'038	865
Pop. less than 15 years	3'524	3'498	3'465	3'427	3'385	3'293	2'730	2'278
Female 15-49 years	2'308	2'255	2'203	2'153	2'105	2'013	1'600	1'260

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	2	3	5	1	4	31	
Measles	0	0	0	0	0	122	820	4'181	
Mumps	-	0	-	0	-	680	-	-	
Pertussis	6	1	6	46	27	10	159	2'377	
Polio	0	0	0	0	0	0	0	48	
Rubella	2	8	12	41	129	434	-	-	
Rubella (CRS)	0	0	-	0	0	-	-	-	
Tetanus (neonatal)	2	5	4	3	3	2	46	0	
Tetanus (total)	10	15	33	16	3	8	46	153	
Yellow fever	16	16	13	6	15	7	50	46	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
Antigen	<i>Last coverage survey</i>		<i>Official country estimates</i>								
	Year	Result									
BCG	2002	93 DHS	87	88	86	94	99*	95	48	30	
DTP1	2002	94 DHS	87	93	88	99	99*	98	-	-	
DTP3	2002	72 DHS	83	85	84	95	99*	89	41	11	
HepB3	-	-	83	85	84	95	-	-	-	-	
Hib3	-	-	83	85	84	95	88	-	-	-	
MCV	2002	64 DHS	82	89	90	99	-	99*	53	13	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2002	68 DHS	88	84	84	94	99*	89	50	14	
TT2plus	1999	54 MICS	13	14	-	-	-	-	-	-	
VitA	-	-	49	53	-	-	-	19	-	-	
YFV	-	-	76	73	12	-	10	12	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
Antigen	<i>WHO-UNICEF estimates</i>										
	Year	Result									
BCG			93	93	93	93	93	95	65	30	
DTP1			94	94	94	94	94	93	66	32	
DTP3			81	81	81	81	81	80	41	11	
HepB3			81	81	81	81	81	-	-	-	
Hib3			81	81	81	81	81	-	-	-	
MCV			81	81	81	80	80	79	53	13	
PAB			71	70	70	69	69	67	23	0	
Pol3			79	79	79	79	79	78	50	14	

Number of districts in the country	324	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	37
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	23
			From 50 to 79%	31
			Lesser than 50%	9
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwPHibHep	2, 4, 6 months:		
MMR	12-23 months:		
OPV	2, 4, 6 months:		
Td	1st contact: +1, +6 months: +1, +1 year:		
VitaminaA	6-11 months: 1-4 years:		
YF	12-23 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Bosnia and Herzegovina



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	2'700	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	12	Child (under 5 years) mortality rate	2 §	14

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'926	3'915	3'905	3'897	3'881	3'787	4'308	3'914
Live births	35	35	35	36	37	39	61	74
Surviving infants	34	34	35	36	36	39	60	72
Pop. less than 5 years	195	201	206	211	214	216	341	334
Pop. less than 15 years	680	688	692	693	692	690	1'042	1'067
Female 15-49 years	1'006	1'007	1'008	1'008	1'007	992	1'146	1'094

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	-
Measles	17	23	28	18	28	43	512	-	-
Mumps	91	93	141	-	1'485	3'577	-	-	-
Pertussis	42	39	24	39	81	43	287	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	29	43	43	46	66	144	-	-	-
Rubella (CRS)	0	0	0	0	0	-	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	4	0	0	0	0	0	-	-	-
Yellow fever	-	-	-	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1999	95 MICS	97	95	95	94	91	93	-	-
DTP1	1999	93 MICS	94	95	93	93	86	90	-	-
DTP3	1999	88 MICS	87	93	84	87	80	85	-	-
HepB3	-	-	82	93	81	-	65	85	-	-
Hib3	-	-	85	50	54	-	-	-	-	-
MCV	1999	64 MICS	90	90	88	84	89	80	-	-
MCV2	-	-	61	90	88	85	90	74	-	-
Pol3	1999	85 MICS	91	95	87	-	92	87	-	-
TT2plus	1999	MICS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>						
			<i>WHO-UNICEF estimates <sup>5</sup></i>						
BCG	97	95	95	94	91	93	-	-	-
DTP1	94	95	93	93	86	90	-	-	-
DTP3	87	93	84	87	80	85	-	-	-
HepB3	82	93	36	-	-	-	-	-	-
Hib3	85	50	49	-	-	-	-	-	-
MCV	90	90	88	84	89	80	-	-	-
Pol3	91	95	87	86	86	87	-	-	-

Number of districts in the country	18	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	56
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	44
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	12 months; 6 years; (or 13 months or 2 years for 1st dose; or 7 years for 2nd dose)
DT	7 years; [Part of country]	OPV	3, 4, 6 months; 2, 5-7, 14 years;
DTwP	3, 4, 6 months; 2, 5 years; [Part of country]	Rubella	14 years; [Part of country]
DTwPHib	3, 4, 6 months; 2 years; [Part of country]	Td	14 years;
HepB	birth; 1, 6 months;	TT	18 years;
Hib	2, 4, 18 months; [Part of country]		
Influenza			

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Botswana



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	5' 590	GDP per capita (US\$) <sup>1</sup>	12387
Infant (under 12 months) mortality rate	2 §	51	Child (under 5 years) mortality rate	2 §	75

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'858	1'836	1'815	1'795	1'775	1'729	1'367	996
Live births	47	47	47	47	47	47	48	44
Surviving infants	44	44	44	44	44	44	45	41
Pop. less than 5 years	216	216	216	217	219	222	223	187
Pop. less than 15 years	652	653	655	658	660	663	615	463
Female 15-49 years	496	489	482	476	469	453	319	228

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	-	0	0	2	0	2	
Measles	6	8	1	59	7	2'672	1'218	4'091	
Mumps	-	0	-	-	0	-	-	-	
Pertussis	-	0	-	0	0	0	22	110	
Polio	0	0	1	0	0	0	0	1	
Rubella	409	579	27	-	1	170	-	-	
Rubella (CRS)	-	0	-	-	0	-	-	-	
Tetanus (neonatal)	0	0	-	0	0	0	2	-	
Tetanus (total)	0	0	-	0	0	0	2	0	
Yellow fever	-	0	-	-	0	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1999	99 MICS	99*	99*	93	92	77	73	-	-
DTP1	1999	99 MICS	99*	99*	98	99*	99	94	-	-
DTP3	1999	97 MICS	99*	99*	89	93	87	85	-	-
HepB3	-	-	99*	99*	79	78	46	73	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	90 MICS	99*	99*	86	90	79	84	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1999	97 MICS	99*	99*	88	91	85	85	-	-
TT2plus	1999	69 MICS	71	72	55	55	49	45	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	99	99	99	99	99	99	99	93	92
DTP1	98	98	98	98	98	98	98	99	89
DTP3	97	97	97	97	97	97	97	92	71
HepB3	85	85	85	85	85	85	85	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	90	90	90	90	90	90	90	87	63
PAB	84	83	76	75	71	68	59	0	0
Pol3	97	97	97	97	97	97	97	90	46

Number of districts in the country	24	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	92
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	4
			From 50 to 79%	4
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:	YF	(Travellers)
DT	7 years:		
DTwP	8, 12, 16 weeks: 18 months:		
HepB	birth: 2, 9 months:		
Measles	9 months:		
OPV	8, 12, 16 weeks:		
TT	1st contact pregnancy: +1, +6 months: +1, +1 year:		
Vitamina	9, 18, 24 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Brazil



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	3'550	GDP per capita (US\$) <sup>1</sup>	8402
Infant (under 12 months) mortality rate	2 §	24	Child (under 5 years) mortality rate	2 §	30

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	189'323	186'831	184'318	181'787	179'246	174'161	149'522	121'615
Live births	3'720	3'728	3'729	3'725	3'716	3'683	3'615	3'896
Surviving infants	3'629	3'634	3'632	3'625	3'612	3'571	3'444	3'620
Pop. less than 5 years	18'092	18'043	17'966	17'864	17'739	17'433	17'698	17'037
Pop. less than 15 years	52'235	51'994	51'800	51'649	51'555	51'574	52'781	46'317
Female 15-49 years	52'357	51'835	51'259	50'630	49'944	48'395	38'864	30'209

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	8	18	15	-	64	46	640	4'646	
Measles	57	6	0	2	1	36	61'435	99'263	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	797	1'019	1'146	-	924	764	15'329	45'752	
Polio	0	0	0	0	0	0	0	1'342	
Rubella	1'197	318	319	-	1'256	8'781	-	-	
Rubella (CRS)	2	3	16	-	17	37	-	-	
Tetanus (neonatal)	8	10	14	-	31	34	298	0	
Tetanus (total)	461	420	477	-	268	346	1'547	3'098	
Yellow fever	-	-	5	-	16	73	2	27	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1995	93 DHS	99*	99*	99*	99*	99*	99*	99*	79	56
DTP1	1995	95 DHS	99	96	96	99	99*	99*	99*	-	-
DTP3	1995	81 DHS	99*	96	96	96	99	99*	99*	66	37
HepB3	-	-	97	92	90	91	92	99	99	-	-
Hib3	-	-	99*	96	96	96	93	97	97	-	-
MCV	1995	87 DHS	99*	99*	99*	99*	97	99*	99*	78	56
MCV2	-	-	-	-	-	-	80	95	95	-	-
Pol3	1995	81 DHS	99*	98	98	99	99*	99*	99*	58	69
TT2plus	1995	45 DHS	99*	48	-	-	47	99*	99*	-	-
VitA	-	-	99*	-	-	-	-	-	-	-	-
YFV	-	-	99*	92	-	-	96	99*	99*	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>										
	Year	Result									
BCG			99	99	99	99	99	99	99	79	56
DTP1			99	96	96	99	99	99	99	86	62
DTP3			99	96	96	96	99	99	99	66	37
HepB3			97	92	90	91	92	99	99	-	-
Hib3			99	96	96	96	93	97	97	-	-
MCV			99	99	99	99	97	99	99	78	56
PAB			92	67	78	76	65	92	92	63	0
Pol3			99	98	98	99	99	99	99	58	69

Number of districts in the country	5564	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	84
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	11
			From 50 to 79%	5
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	Influenza	(Special groups)
DT	2, 4, 6, 15 months: (Special groups)	IPV	>2, 4, 6, months: (Special groups)
DTwP	15 months: 4-6 years:	MenAC	(Special groups)
DTwPHib	2, 4, 6 months:	MenC_conj	2, 4, 6 months: (Special groups)
DTwPHibHep	2, 4, 6 months: (for special groups)	MMR	1, 4-6 years:
HepA	>1 year: +6 months: (for special groups)	MR	(special groups)
HepB	(special groups)	OPV	2, 4, 6, 15 months:
Hib	2, 4, 6 months: (Special groups)	Pneumo_conj	2, 4, 6 months: (Special groups)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Brunei Darussalam



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	2 §	6	Child (under 5 years) mortality rate	2 §	7

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	382	374	366	358	349	333	257	193
Live births	8	8	8	8	8	8	7	6
Surviving infants	8	8	8	8	8	8	7	6
Pop. less than 5 years	40	40	40	39	39	38	34	29
Pop. less than 15 years	112	111	110	108	107	104	89	74
Female 15–49 years	110	108	106	103	101	96	68	46

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	–	0	0	0	–	0	0	0	0
Measles	–	9	16	24	–	42	12	485	–
Mumps	–	25	21	27	–	33	–	–	–
Pertussis	–	0	0	0	–	2	0	1	–
Polio	0	0	0	0	0	0	0	0	–
Rubella	–	0	0	1	–	1	–	–	–
Rubella (CRS)	–	0	0	–	–	–	–	–	–
Tetanus (neonatal)	–	0	0	0	–	0	0	0	–
Tetanus (total)	–	0	1	0	–	0	0	0	–
Yellow fever	–	0	0	0	–	0	–	–	–

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
Vaccine	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	–	–	96	99	–	–	99*	95	–	–
DTP1	–	–	99*	99*	–	–	99	–	–	–
DTP3	–	–	99*	92	–	–	99	99*	89	–
HepB3	–	–	99*	99*	–	–	99*	96	–	–
Hib3	–	–	99*	92	–	–	–	–	–	–
MCV	–	–	97	99*	–	–	99	–	73	–
MCV2	–	–	97	97	–	–	–	–	–	–
Pol3	–	–	99*	92	–	–	99	99*	89	–
TT2plus	–	–	41	47	–	–	72	–	–	–
VitA	–	–	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
Vaccine	<i>WHO-UNICEF estimates <sup>5</sup></i>									
	Year	Result								
BCG	96	96	99	99	99	99	99	91	99	–
DTP1	99	99	99	99	99	99	99	97	96	–
DTP3	99	99	92	95	97	99	99	93	89	–
HepB3	99	99	99	99	99	99	99	96	–	–
Hib3	99	99	92	–	–	–	–	–	–	–
MCV	97	97	99	99	99	99	99	99	73	–
PAB	65	65	80	80	79	77	40	0	–	–
Pol3	99	99	92	95	97	99	92	89	–	–

Number of districts in the country	4	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DT	5 years:		
DTwPHib	2, 3, 4 months:		
HepB	birth: 1, 6 months:		
MMR	12 months: 10–12 years:		
OPV	2, 3, 4 months: 5 years:		
TT	28, 32 weeks: (pregnant women)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Bulgaria



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	3'450	GDP per capita (US\$) <sup>1</sup>	9032
Infant (under 12 months) mortality rate	<sup>2</sup> §	12	Child (under 5 years) mortality rate	<sup>2</sup> §	14

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	7'693	7'745	7'795	7'844	7'894	8'003	8'819	8'862
Live births	69	69	69	68	68	66	102	132
Surviving infants	68	68	68	67	67	65	101	129
Pop. less than 5 years	341	339	336	331	326	329	557	677
Pop. less than 15 years	1'044	1'068	1'097	1'131	1'170	1'255	1'792	1'962
Female 15-49 years	1'856	1'873	1'888	1'900	1'911	1'937	2'104	2'140

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	2
Measles	1	3	0	0	0	46	147	10'763	
Mumps	911	608	91	180	334	2'357	-	-	
Pertussis	335	313	222	180	82	106	26	154	
Polio	0	0	0	0	0	0	0	15	
Rubella	247	1'968	474	252	805	28'449	-	-	
Rubella (CRS)	0	0	0	0	0	-	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	4	2	0	2	2	3	7	18	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	-		98	98	98	98	98	98	98	-	-
DTP1	-		97	97	95	97	90	95	95	-	-
DTP3	-		95	96	95	96	93	93	93	-	-
HepB3	-		96	96	94	96	88	94	94	-	-
Hib3	-		-	-	-	-	-	-	-	-	-
MCV	-		96	96	95	96	92	89	89	-	-
MCV2	-		93	92	91	89	79	83	83	-	-
Pol3	-		96	97	94	96	94	94	94	-	-
TT2plus	-		-	-	-	-	-	-	-	-	-
VitA	-		-	-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		98	98	98	98	98	98	98	99	99
DTP1		97	97	95	96	97	95	95	99	98
DTP3		95	96	95	96	93	93	93	99	98
HepB3		96	96	94	96	88	94	94	-	-
Hib3		-	-	-	-	-	-	-	-	-
MCV		96	96	95	96	92	89	89	99	98
Pol3		96	97	94	96	94	94	94	99	99

Number of districts in the country	28	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	2 days; 7, 11, 17 years: (2-4 Dose only for Mantoux test negative)	Td	12, 17, 25, 35, 45, 55 years;
DT	7 years:	Typhoid	
DTwP	2, 3, 4, 24 months:		
HepB	Birth; 1, 6 months:		
IPV	(From May 2007)		
MMR	13 months; 12 years:		
OPV	2, 3, 4, 14, 22 months; 7 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Burkina Faso



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	400	GDP per capita (US\$) <sup>1</sup>	1213
Infant (under 12 months) mortality rate	2 §	106	Child (under 5 years) mortality rate	2 §	184

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	14'359	13'933	13'507	13'082	12'664	11'882	8'871	6'827
Live births	641	628	614	600	587	560	436	338
Surviving infants	573	561	548	535	522	497	382	293
Pop. less than 5 years	2'605	2'541	2'478	2'416	2'356	2'240	1'693	1'309
Pop. less than 15 years	6'603	6'431	6'261	6'092	5'926	5'603	4'221	3'246
Female 15-49 years	3'280	3'173	3'066	2'958	2'853	2'656	1'922	1'437

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	725
Measles	125	253	77	2'946	1'744	6'074	9'804	13'713	
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	54	170	420	171	212	351	713	3'888	
Polio	0	0	9	11	1	0	18	145	
Rubella	3	12	49	668	303	-	-	-	
Rubella (CRS)	-	0	-	-	-	-	-	-	
Tetanus (neonatal)	4	8	4	16	4	22	100	-	
Tetanus (total)	9	35	4	16	4	-	50	746	
Yellow fever	3	19	14	1	288	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
<i>Last coverage survey <sup>3</sup></i>			<i>Official country estimates <sup>4</sup></i>							
Year	Result									
BCG	-		99*	99*	99*	83	90	80	-	-
DTP1	2002	76 DHS	99*	99*	99*	99*	89	84	-	-
DTP3	2002	57 DHS	95	96	88	84	69	57	-	-
HepB3	-		76	-	-	-	-	-	-	-
Hib3	-		76	-	-	-	-	-	-	-
MCV	2002	56 DHS	88	84	78	76	64	59	-	-
MCV2	-		-	-	-	-	-	-	-	-
Pol3	2002	59 DHS	94	94	83	83	69	57	-	-
TT2plus	-		81	71	65	50	44	-	-	-
VitA	-		99*	-	-	-	-	-	-	-
YFV	-		88	84	76	71	61	56	65	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			99	99	99	83	90	80	95	-
DTP1			99	99	99	99	89	84	92	-
DTP3			95	96	88	84	69	57	66	-
HepB3			76	-	-	-	-	-	-	-
Hib3			76	-	-	-	-	-	-	-
MCV			88	84	78	76	64	59	79	-
PAB			80	78	84	81	52	77	34	0
Pol3			94	94	83	83	69	57	66	-

Number of districts in the country	55	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	80
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	15
			From 50 to 79%	5
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwPHep			2, 3, 4 months;
DTwPHibHep			(From January 2007)
HIB			2, 3, 4 months;
Measles			9 months;
OPV			birth; 2, 3, 4 months;
TT			1st contact pregnancy; +1, +6 months; +1, +2 year;
YF			9 months;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Burundi



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	100	GDP per capita (US\$) <sup>1</sup>	699
Infant (under 12 months) mortality rate	2 §	102	Child (under 5 years) mortality rate	2 §	173

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	8'173	7'859	7'566	7'294	7'049	6'668	5'692	4'130
Live births	381	362	345	330	316	296	269	192
Surviving infants	342	325	309	295	282	263	236	168
Pop. less than 5 years	1'461	1'391	1'333	1'285	1'247	1'194	1'086	731
Pop. less than 15 years	3'655	3'547	3'454	3'376	3'309	3'197	2'585	1'848
Female 15-49 years	1'937	1'852	1'769	1'689	1'616	1'504	1'330	968

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	-	0	0	6	
Measles	784	0	2	224	1'016	18'363	13'282	49'227	
Mumps	-	-	0	-	-	-	-	-	
Pertussis	0	-	0	-	154	72	529	9'613	
Polio	0	0	0	0	0	0	10	43	
Rubella	39	26	-	-	-	-	-	-	
Rubella (CRS)	-	-	0	-	-	-	-	-	
Tetanus (neonatal)	17	16	-	40	45	16	25	-	
Tetanus (total)	23	16	-	39	71	33	65	256	
Yellow fever	0	-	0	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	84 MICS	98	89	91	92	97	73	97	-	
DTP1	1999	86 MICS	99	96	95	96	99*	74	-	-	
DTP3	1999	74 MICS	92	87	83	94	95	68	86	-	
HepB3	-	-	92	87	83	-	-	-	-	-	
Hib3	-	-	92	83	83	-	-	-	-	-	
MCV	1999	75 MICS	92	87	78	81	67	61	74	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	1999	65 MICS	88	82	76	91	86	69	97	-	
TT2plus	1999	MICS	94	33	42	41	42	28	56	-	
VitA	-	-	47	73	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	84	84	84	84	84	84	84	84	97	-	
DTP1	86	86	86	86	86	86	86	86	95	-	
DTP3	74	74	74	74	74	74	74	74	86	-	
HepB3	74	74	74	-	-	-	-	-	-	-	
Hib3	74	74	74	-	-	-	-	-	-	-	
MCV	75	75	75	75	75	75	75	75	74	-	
PAB	84	68	67	64	62	51	67	0			
Pol3	64	64	64	64	64	64	97	-			

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	53
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	18
			From 50 to 79%	29
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG		birth:	
DTwPHibHep		6, 10, 14 weeks:	
Measles		9 months:	
OPV		birth: 6, 10, 14 weeks:	
TT		1st contact: +1, +6 months: +1, +1 year:	
Vitamina		9 months: 1.5 years: (every 6 months until 5 years)	

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Cambodia



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	430	GDP per capita (US\$) <sup>1</sup>	2727
Infant (under 12 months) mortality rate	2 §	66	Child (under 5 years) mortality rate	2 §	94

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	14'197	13'956	13'720	13'489	13'259	12'780	9'698	6'748
Live births	377	373	370	368	368	372	424	305
Surviving infants	352	348	344	342	341	343	385	244
Pop. less than 5 years	1'690	1'681	1'678	1'682	1'694	1'744	1'796	969
Pop. less than 15 years	5'212	5'245	5'274	5'296	5'314	5'349	4'331	2'780
Female 15-49 years	3'764	3'660	3'558	3'460	3'363	3'160	2'384	1'831

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	4	3	0	0	179	1'559	
Measles	188	264	352	653	1'361	12'237	2'473	32'240	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	474	462	66	315	320	2'068	1'690	86'334	
Polio	1	1	0	0	0	0	63	591	
Rubella	508	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	69	68	146	238	169	295	-	-	
Tetanus (total)	806	68	1'041	796	966	169	219	2'089	
Yellow fever	-	-	-	-	0	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2004	91 DHS	87	87	95	76	63	81	51	-	
DTP1	2004	91 DHS	85	85	92	74	61	78	-	-	
DTP3	2004	78 DHS	80	82	85	69	54	50	38	-	
HepB3	-	-	80	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	2004	77 DHS	78	79	80	65	52	65	34	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2004	77 DHS	80	82	86	69	54	62	38	-	
TT2plus	1999	30 DHS	50	51	51	43	36	40	-	-	
VitA	-	-	78	65	75	70	48	40	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			87	87	95	76	63	81	52	-	
DTP1			85	85	92	74	60	78	63	-	
DTP3			80	82	85	69	54	50	38	-	
HepB3			80	-	-	-	-	-	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			78	79	80	65	52	65	34	-	
PAB			82	80	77	70	64	58	11	0	
Pol3			80	82	86	69	54	62	38	-	

Number of districts in the country	76	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	14
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	24
			From 50 to 79%	59
			Lesser than 50%	3
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwPHep			6, 10, 14 weeks;
HepB			1-7 days: [Part of country]
Measles			9-11 months;
OPV			6, 10, 14 weeks;
TT			1st contact: +1, +6 month: +1, +1 year;
Vitamina			6-59 months;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Cameroon



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'000	GDP per capita (US\$) <sup>1</sup>	2299
Infant (under 12 months) mortality rate	2 §	89	Child (under 5 years) mortality rate	2 §	147

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	18'175	17'795	17'409	17'019	16'627	15'861	12'239	9'078
Live births	649	647	644	637	628	604	514	411
Surviving infants	591	590	586	580	571	549	471	369
Pop. less than 5 years	2'851	2'820	2'769	2'703	2'629	2'506	2'179	1'651
Pop. less than 15 years	7'537	7'433	7'317	7'191	7'060	6'811	5'551	4'042
Female 15-49 years	4'342	4'230	4'120	4'012	3'906	3'693	2'695	2'015

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	-	-	-	-	0	-	-
Measles	196	605	358	899	1'448	14'629	21'150	-	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	-	5'498	-	-
Polio	2	1	13	2	0	0	38	255	
Rubella	58	159	-	83	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	175	36	64	196	322	279	382	-	
Tetanus (total)	-	129	154	-	-	0	128	-	
Yellow fever	1	2	3	2	0	-	173	7	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2004	90	85	77	83	82	76	69	52	-
DTP1	2004	84	87	85	80	79	71	54	-	-
DTP3	2004	75	81	80	73	73	63	53	36	-
HepB3	-	-	81	79	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2004	71	73	68	64	61	53	49	36	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2004	73	78	79	72	72	63	49	34	-
TT2plus	1999	63 MICS	62	60	56	53	45	40	12	-
VitA	-	-	99*	99*	99*	99*	28	-	-	-
YFV	-	-	72	69	59	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
	<i>WHO-UNICEF estimates <sup>5</sup></i>									
	Year	Result								
BCG	-	-	85	77	83	82	77	77	76	-
DTP1	-	-	87	85	80	79	71	62	70	-
DTP3	-	-	81	80	73	73	63	53	48	-
HepB3	-	-	81	79	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	73	68	64	61	53	49	56	-
PAB	-	-	80	76	74	71	65	54	19	0
Pol3	-	-	78	79	72	72	63	49	54	-

Number of districts in the country	167	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	24
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	22
			From 50 to 79%	51
			Lesser than 50%	3
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwPHep	6, 10, 14 weeks:		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks:		
TT	pregnant women: +1, +6 months: +1, +2 years:		
Vitamina	6 months: (every 6 months up to 59 months, Postpartum)		
YF	9 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Canada



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	32'590	GDP per capita (US\$) <sup>1</sup>	33375
Infant (under 12 months) mortality rate	<sup>2</sup> §	5	Child (under 5 years) mortality rate	<sup>2</sup> §	6

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	32'577	32'271	31'955	31'632	31'308	30'689	27'701	24'516
Live births	338	336	335	335	335	338	391	368
Surviving infants	336	335	334	333	333	336	388	365
Pop. less than 5 years	1'716	1'714	1'714	1'714	1'720	1'761	1'931	1'792
Pop. less than 15 years	5'646	5'693	5'734	5'767	5'797	5'858	5'733	5'575
Female 15-49 years	8'177	8'153	8'123	8'086	8'046	7'970	7'482	6'544

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	1	2	2	0	5	55	
Measles	13	6	7	15	6	206	1'033	13'864	
Mumps	37	83	32	20	197	88	-	-	
Pertussis	1'945	2'231	2'697	1'863	2'557	4'055	8'030	2'873	
Polio	0	0	0	0	0	0	0	0	
Rubella	7	320	-	11	16	28	-	-	
Rubella (CRS)	0	1	1	1	2	2	-	-	
Tetanus (neonatal)	-	0	0	0	0	0	0	0	
Tetanus (total)	2	4	2	0	0	1	3	2	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>		<i>Official country estimates</i> <sup>4</sup>								
Year	Result									
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	94	-	94	91	-	-	-	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	94	-	-	83	-	-	-	-	-
MCV	-	94	96	94	95	-	-	-	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	-	94	-	89	88	-	-	-	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates</i> <sup>5</sup>								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	97	97	97	97	97	97	96	-	-	-
DTP3	94	94	94	91	91	91	88	-	-	-
HepB3	14	14	14	14	-	-	-	-	-	-
Hib3	94	90	87	83	84	86	-	-	-	-
MCV	94	94	94	95	95	95	89	-	-	-
Pol3	94	92	89	88	88	88	88	-	-	-

Number of districts in the country	13	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	(BCG-Infants & children belonging to groups with high rates of infection)	Pneumo_conj	2, 4, 6, 12-15 months:
DTaPIPv	2, 4, 6, 18 months: 4-6 years:	Pneumo_ps	>=65 years:
HepA	(Recommended for individuals at high risk of infection)	Varicella	12 months: (Recommended for susceptible older children, adolescents and adults)
HepB	(Early infancy (3 doses) or pre-teen (2-3 doses))		
HIB	2, 4, 6, 18 months:		
MenC_conj	2, 4, 6 months: (or 12M if not yet given)		
MMR	12, 18 months: or 4-6 years:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Cape Verde



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	1'930	GDP per capita (US\$) <sup>1</sup>	5803
Infant (under 12 months) mortality rate	2 §	26	Child (under 5 years) mortality rate	2 §	31

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	519	507	495	484	472	451	355	289
Live births	15	15	15	15	15	14	14	11
Surviving infants	15	15	15	14	14	14	13	10
Pop. less than 5 years	73	72	70	69	67	65	65	49
Pop. less than 15 years	202	200	199	197	196	193	169	133
Female 15-49 years	137	133	129	125	121	113	78	67

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	0	0	0	0	0	2
Measles	0	0	0	0	0	2	0	1'279	-
Mumps	-	-	-	-	2	-	-	-	-
Pertussis	-	0	-	7	0	0	0	290	-
Polio	0	0	0	0	0	56	0	17	-
Rubella	-	-	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	0	0	0	0	1	1	6	-	-
Tetanus (total)	0	0	-	2	1	2	8	40	-
Yellow fever	0	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2001	99 EPI	70	78	79	97	92	92	97	-	-
DTP1	2001	EPI	74	75	78	89	96	93	-	-	-
DTP3	2001	85 EPI	72	73	75	87	94	86	88	-	-
HepB3	-	-	69	69	68	59	40	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2001	75 EPI	65	65	69	76	85	80	79	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	2001	85 EPI	72	72	76	87	94	86	87	-	-
TT2plus	2001	EPI	61	55	54	72	-	45	90	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			70	78	79	78	92	92	97	-	-
DTP1			74	75	78	89	96	93	96	-	-
DTP3			72	73	75	78	94	86	88	-	-
HepB3			69	69	68	54	40	-	-	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			65	65	69	68	85	80	79	-	-
PAB			74	70	78	76	62	60	85	0	-
Pol3			72	72	76	79	94	86	87	-	-

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	6
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	24
			From 50 to 79%	59
			Lesser than 50%	12
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks; 15.5 months:		
HepB	birth; 6, 14 weeks:		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks; 15.5 months:		
TT	1st visit: +1, +6 months; +1, +1 year:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Central African Republic



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	350	GDP per capita (US\$) <sup>1</sup>	1224
Infant (under 12 months) mortality rate	<sup>2</sup> §	99	Child (under 5 years) mortality rate	<sup>2</sup> §	166

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'265	4'191	4'123	4'060	3'997	3'864	3'008	2'329
Live births	157	156	155	154	152	150	127	101
Surviving infants	142	140	139	138	137	135	114	89
Pop. less than 5 years	668	662	656	651	646	633	518	404
Pop. less than 15 years	1'812	1'788	1'764	1'739	1'713	1'655	1'307	985
Female 15-49 years	1'007	988	971	956	943	914	693	544

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	0	0	0	0	0	8
Measles	3	471	1'233	652	938	3'207	1'275	8'280	-
Mumps	-	-	0	-	-	-	-	-	-
Pertussis	65	87	561	80	10	-	46	4'340	-
Polio	0	0	30	1	0	3	28	21	-
Rubella	12	2	0	-	-	-	-	-	-
Rubella (CRS)	-	-	0	-	-	-	-	-	-
Tetanus (neonatal)	23	20	36	31	32	37	32	-	-
Tetanus (total)	-	20	36	-	-	37	34	217	-
Yellow fever	1	0	0	2	0	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1994	77 DHS	85	59	69	55	66	47	93	17	
DTP1	1994	76 DHS	99*	64	73	51	29	46	-	-	
DTP3	1994	48 DHS	88	46	50	28	23	29	61	13	
HepB3	-	-	-	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	1994	52 DHS	99*	65	70	35	39	34	67	12	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	1994	46 DHS	91	53	49	26	13	31	57	13	
TT2plus	1995	76 MICS	36	34	36	17	15	20	65	9	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	95	58	58	33	31	19	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			70	70	70	70	70	64	93	17	
DTP1			65	65	65	65	65	62	95	35	
DTP3			40	40	40	40	40	37	82	13	
HepB3			-	-	-	-	-	-	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			35	35	35	35	35	36	83	12	
PAB			52	48	35	32	31	36	69	8	
Pol3			40	40	40	40	40	38	82	13	

Number of districts in the country	24	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	46
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	17
			From 50 to 79%	29
			Lesser than 50%	8
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
Measles	9 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	pregnant women: +1, +6 months: +1, +1 year:		
YF	9 months:		

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- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Chad



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	400	GDP per capita (US\$) <sup>1</sup>	1427
Infant (under 12 months) mortality rate	2 §	121	Child (under 5 years) mortality rate	2 §	193

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	10'468	10'146	9'810	9'465	9'119	8'465	6'113	4'611
Live births	482	471	459	447	434	407	291	223
Surviving infants	423	413	403	392	380	356	254	193
Pop. less than 5 years	1'943	1'891	1'833	1'771	1'705	1'580	1'139	846
Pop. less than 15 years	4'838	4'691	4'536	4'376	4'213	3'908	2'806	2'036
Female 15-49 years	2'336	2'263	2'188	2'112	2'036	1'890	1'343	1'026

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	-	-	-	-	-	-	-	-
Measles	1'594	2	10'324	15'801	7'277	3'546	7'226	-
Mumps	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	-	-	-
Polio	1	2	24	25	0	60	-	-
Rubella	46	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-
Tetanus (neonatal)	161	191	232	353	446	142	738	-
Tetanus (total)	-	191	-	-	-	-	1'603	8
Yellow fever	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2003	40 DHS	85	71	38	72	67	50	-	-
DTP1	2003	45 DHS	98	82	68	74	68	45	-	-
DTP3	2003	20 DHS	77	58	50	47	40	28	20	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2003	23 DHS	83	70	56	61	55	42	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2003	36 DHS	73	57	47	48	40	29	16	-
TT2plus	2001	19	30	-	-	43	-	12	8	-
VitA	-	-	93	-	-	-	75	-	-	-
YFV	-	-	74	63	49	41	52	36	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			40	40	20	40	46	49	59	-
DTP1			45	45	45	45	45	45	44	-
DTP3			20	20	20	20	23	24	20	-
HepB3			-	-	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			23	23	23	23	25	28	32	-
PAB			60	61	61	60	48	39	14	0
Pol3			36	36	36	36	31	29	20	-

Number of districts in the country	54	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	35
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	7
			From 50 to 79%	35
			Lesser than 50%	22
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwP			6, 10, 14 weeks;
Measles			9 months;
OPV			birth; 6, 10, 14 weeks;
TT			1st contact: +1, +2, +6 months; +1, +1 year;
VitaminaA			6, 12 months;
YF			9 months;

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Chile



Development status	Developing	GNI per capita (US\$)	1	5'870	GDP per capita (US\$)	1	12027
Infant (under 12 months) mortality rate	2 §	7		Child (under 5 years) mortality rate	2 §		9

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	16'465	16'295	16'124	15'951	15'776	15'412	13'179	11'174
Live births	249	249	249	249	251	256	304	256
Surviving infants	248	247	247	247	249	254	299	248
Pop. less than 5 years	1'233	1'237	1'246	1'260	1'278	1'328	1'459	1'178
Pop. less than 15 years	4'000	4'054	4'107	4'159	4'207	4'280	3'942	3'690
Female 15-49 years	4'422	4'376	4'326	4'272	4'216	4'101	3'552	2'912

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	-	0	36	253	
Measles	0	0	0	1	0	0	1'958	3'844	
Mumps	1'497	1'587	1'491	1'826	-	2'352	-	-	
Pertussis	1'288	1'231	1'059	1'106	1'711	3'554	59	2'795	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	47	3	128	-	743	-	-	
Rubella (CRS)	0	0	0	0	-	1	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	7	9	10	10	6	5	22	31	
Yellow fever	0	0	0	0	-	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i>				

BCG	-	98	95	95	95	96	93	94	96
DTP1	-	95	92	94	95	-	98	-	-
DTP3	-	94	91	93	96	97	91	95	93
HepB3	-	94	-	-	-	-	-	-	-
Hib3	-	94	91	93	96	97	91	-	-
MCV	-	91	90	94	96	95	97	97	94
MCV2	-	95	96	-	-	-	-	-	-
Pol3	-	94	92	94	96	97	91	95	93
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i>								

BCG	98	95	95	95	96	93	94	96
DTP1	95	92	94	98	98	98	98	97
DTP3	94	91	93	96	97	91	95	93
HepB3	94	-	-	-	-	-	-	-
Hib3	94	91	93	96	97	91	-	-
MCV	91	90	94	96	95	97	97	94
Pol3	94	92	94	96	97	91	95	93

Number of districts in the country	341	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	57
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	16
			From 50 to 79%	23
			Lesser than 50%	4
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	18 months; 4 years:		
DTwPHibHep	2, 4, 6 months:		
Influenza			
MMR	1, 6 years:		
OPV	2, 4, 6, 18 months:		
Td	7 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - China



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'740	GDP per capita (US\$) <sup>1</sup>	6757
Infant (under 12 months) mortality rate	2 §	24	Child (under 5 years) mortality rate	2 §	30

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'328'474	1'320'509	1'312'433	1'304'205	1'295'682	1'277'065	1'148'132	999'794
Live births	17'309	17'303	17'382	17'555	17'819	18'579	23'501	20'635
Surviving infants	16'897	16'882	16'949	17'108	17'357	18'078	22'790	19'713
Pop. less than 5 years	84'700	85'599	87'168	89'330	91'823	96'429	119'277	100'261
Pop. less than 15 years	279'624	284'915	291'322	298'592	306'037	317'996	319'896	355'980
Female 15-49 years	363'496	361'538	359'436	357'187	354'804	349'609	312'780	238'808

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	1	0	2	9	11	19	421	9'767	
Measles	99'602	124'219	70'549	71'879	58'341	71'093	85'705	1'122'285	
Mumps	273'242	291'135	226'619	-	-	-	-	-	
Pertussis	2'595	3'844	4'705	858	6'293	5'561	20'015	613'648	
Polio	0	0	2	0	0	0	5'065	7'442	
Rubella	37'137	25'446	24'015	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	2'519	2'761	2'954	2'245	2'136	3'230	-	-	
Tetanus (total)	-	2'761	-	-	-	-	-	-	
Yellow fever	-	-	0	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1984	59 EPI	92	86	99	98	98	85	99	-	
DTP1	1984	EPI	94	87	99	98	98	-	-	-	
DTP3	1984	73 EPI	93	87	99	98	98	85	97	-	
HepB3	-	-	91	84	90	97	96	60	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	1984	84 EPI	93	86	98	98	98	98	98	-	
MCV2	-	-	94	84	96	96	97	-	-	-	
Pol3	1984	84 EPI	94	87	99	98	98	90	98	-	
TT2plus	1994	MICS	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			92	86	86	85	84	85	99	-	
DTP1			94	95	95	95	95	95	98	-	
DTP3			93	87	87	86	86	85	97	-	
HepB3			91	84	84	82	81	72	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			93	86	86	85	85	85	98	-	
Pol3			94	87	87	86	86	86	98	-	

Number of districts in the country	3132	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	99
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	1
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DT	6 years:		
DTwP	3, 4, 5 months:		
HepB	birth; 1, 6 months:		
Jap.Enc.	8, 18-24 months; 6 years: [Part of country]		
Measles	8, 18-24 months:		
MenA	6-18 months (x2); 3, 6 years: [Part of country]		
OPV	2, 3, 4 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Colombia



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'290	GDP per capita (US\$) <sup>1</sup>	7304
Infant (under 12 months) mortality rate	2 §	19	Child (under 5 years) mortality rate	2 §	27

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	45'558	44'946	44'317	43'675	43'019	41'683	34'875	28'356
Live births	884	893	902	912	920	934	941	884
Surviving infants	867	875	884	893	901	913	912	841
Pop. less than 5 years	4'438	4'481	4'515	4'540	4'558	4'591	4'416	4'081
Pop. less than 15 years	13'576	13'622	13'644	13'644	13'625	13'548	12'616	11'559
Female 15-49 years	12'540	12'361	12'181	12'000	11'816	11'432	9'209	6'893

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	1	0	1	3	11	16	263	
Measles	0	0	0	0	139	1	12'520	9'222	
Mumps	2'243	2'366	1'545	1'505	1'401	-	-	-	
Pertussis	233	139	25	140	577	446	1'961	7'664	
Polio	0	0	0	0	0	0	4	129	
Rubella	4	84	45	41	1'206	157	-	-	
Rubella (CRS)	0	5	0	-	-	6	-	-	
Tetanus (neonatal)	4	9	8	7	12	10	133	0	
Tetanus (total)	63	72	-	7	37	27	167	593	
Yellow fever	5	20	-	99	20	3	7	11	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2004	97 DHS	88	87	92	97	87	86	95	45	
DTP1	2004	97 DHS	85	86	-	91	-	75	-	-	
DTP3	2004	81 DHS	86	87	89	93	80	74	88	16	
HepB3	1999	77 DHS	86	87	89	93	78	74	-	-	
Hib3	-	-	86	87	89	93	65	61	-	-	
MCV	2004	82 DHS	88	89	-	93	93	75	82	13	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2004	69 DHS	86	87	89	92	83	78	93	16	
TT2plus	1994	57 DHS	-	67	-	-	-	-	-	3	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	88	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			88	87	92	96	85	86	95	45	
DTP1			95	95	95	95	95	92	96	39	
DTP3			86	87	89	91	85	74	88	16	
HepB3			86	87	89	93	76	74	-	-	
Hib3			86	87	89	93	65	61	-	-	
MCV			88	89	91	92	89	75	82	13	
PAB			77	77	76	73	72	70	49	3	
Pol3			86	87	89	91	81	78	93	16	

Number of districts in the country	1119	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	43
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	9
			From 50 to 79%	34
			Lesser than 50%	14
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	1, 5 years;
DT	2, 4, 6, 18 months; 5 years: (in case of allergy of the pertussis component of the Pentavalent)	OPV	2, 4, 6, 18 months; 5 years;
DTwP	18 months; 5 years;	Pneumo_conj	(From April 2007 for Risk Groups)
DTwPHibHep	2, 4, 6 months;	Td	1st contact: +1, +6 months; +1, +1 years: (For CBAW or pregnant)
HepB	birth;	YF	1 year: (And every 10 years)
Influenza	6-18 months and > 65 years: (From April 2007)		
IPV	2, 4, 6 months: (immunocompromised)		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Comoros



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	650	GDP per capita (US\$) <sup>1</sup>	1993
Infant (under 12 months) mortality rate	2 §	51	Child (under 5 years) mortality rate	2 §	67

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	818	798	778	758	738	699	527	387
Live births	28	28	28	28	27	26	21	19
Surviving infants	27	27	26	26	26	25	20	17
Pop. less than 5 years	129	127	125	123	121	115	92	75
Pop. less than 15 years	342	335	328	321	314	301	247	185
Female 15-49 years	200	194	189	183	178	167	117	84

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	0	0	0
Measles	85	912	0	0	0	-	2'328	1'801	-
Mumps	0	-	-	-	-	-	-	-	-
Pertussis	0	0	0	0	0	-	0	-	-
Polio	0	0	0	0	0	0	0	3	-
Rubella	0	-	-	-	-	-	-	-	-
Rubella (CRS)	0	-	-	-	-	-	-	-	-
Tetanus (neonatal)	0	1	0	0	0	-	6	-	-
Tetanus (total)	2	0	0	0	0	-	-	-	-
Yellow fever	0	0	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	79 MICS	84	90	79	75	90	90	99	-	-
DTP1	1999	73 MICS	78	85	85	77	98	85	-	-	-
DTP3	1999	70 MICS	69	80	76	75	89	70	94	-	-
HepB3	-	-	69	80	77	27	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	1999	73 MICS	66	80	73	63	71	70	87	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	1999	70 MICS	69	85	73	75	98	70	94	-	-
TT2plus	1999	41 MICS	28	80	35	-	-	40	77	-	-
VitA	-	-	-	60	7	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	84	90	79	75	90	90	99	-	-	-	
DTP1	78	85	85	77	98	85	97	-	-	-	
DTP3	69	80	76	75	89	70	94	-	-	-	
HepB3	69	80	77	27	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	66	80	73	63	71	70	87	-	-	-	
PAB	84	88	90	90	82	57	78	0	-	-	
Pol3	69	85	73	75	98	70	94	-	-	-	

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	29
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	12
			From 50 to 79%	35
			Lesser than 50%	24
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwPHep	6, 10, 14 weeks:		
Measles	9 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	1st contact pregnancy: +1, +6 months: +1, +1 year:		
Vitamina	6, 12, 18, 24, 30, 36 months:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Congo



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	950	GDP per capita (US\$) <sup>1</sup>	1262
Infant (under 12 months) mortality rate	2 §	72	Child (under 5 years) mortality rate	2 §	104

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'689	3'610	3'530	3'449	3'367	3'203	2'422	1'802
Live births	132	131	130	127	125	119	95	77
Surviving infants	123	122	120	118	116	110	87	70
Pop. less than 5 years	587	577	565	551	536	509	404	324
Pop. less than 15 years	1'545	1'513	1'480	1'446	1'413	1'347	1'070	819
Female 15-49 years	889	870	851	832	813	773	559	401

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	-	0	0	-	0	2	
Measles	126	146	3'524	3'712	2'788	1'678	3'608	11'892	
Mumps	0	-	-	0	0	-	-	-	
Pertussis	108	-	-	0	38	0	52	11'198	
Polio	0	0	0	0	0	47	0	136	
Rubella	18	1	-	0	0	-	-	-	
Rubella (CRS)	0	0	-	0	-	-	-	-	
Tetanus (neonatal)	20	12	14	9	8	2	18	80	
Tetanus (total)	25	12	14	15	8	-	27	167	
Yellow fever	0	0	0	0	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2004	90 DHS	84	73	85	60	51	50	86	-
DTP1	2004	85 DHS	81	73	67	61	49	-	-	-
DTP3	2004	68 DHS	79	65	67	50	41	33	77	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2004	66 DHS	66	56	65	50	37	34	77	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2004	69 DHS	79	65	67	50	41	-	94	-
TT2plus	1986	44 EPI	71	62	62	60	41	39	52	-
VitA	-	-	66	49	65	12	-	-	-	-
YFV	-	-	66	54	65	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			84	73	85	60	51	50	90	92
DTP1			81	73	67	61	49	58	92	67
DTP3			79	65	67	50	41	33	79	42
HepB3			-	-	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			66	56	65	50	37	34	75	49
PAB			88	82	81	79	69	67	60	0
Pol3			79	65	67	50	41	33	80	42

Number of districts in the country	27	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	7
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	37
			From 50 to 79%	52
			Lesser than 50%	4
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	YF	9 months;
DTwP	8, 12, 16 weeks;		
DTwPHep	8, 12, 16 weeks: (From April 2007)		
DTwPHibHep	8, 12, 16 weeks: (From January 2008)		
Measles	36 weeks;		
OPV	birth; 8, 12, 16 weeks;		
TT	1st contact pregnancy; +4 weeks;		
Vitamina	36 weeks;		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Cook Islands



Development status	Developing	GNI per capita (US\$)	1	-	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	2 §	-	-	-	Child (under 5 years) mortality rate	2 §	-

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	14	14	14	15	15	16	18	18
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	2	2	2	2	2	2	2	3
Pop. less than 15 years	5	5	5	5	5	6	7	7
Female 15-49 years	3	3	4	4	4	4	4	4

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	6	0	0	17	0	2	36	363	
Mumps	0	0	0	1	0	0	-	-	
Pertussis	0	0	0	0	0	0	0	0	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	0	0	0	0	-	-	
Rubella (CRS)	0	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	-	
Tetanus (total)	0	0	0	0	0	0	0	1	
Yellow fever	-	-	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey</i>		<i>Official country estimates</i>								
	Year	Result									
BCG	-		99*	99*	99*	99*	95	99*	99*	29	
DTP1	-		99*	99*	99*	96	99*	99	-	-	
DTP3	-		99*	99*	99*	96	99*	97	93	40	
HepB3	-		99*	99*	99*	93	99*	97	71	-	
Hib3	-		-	-	-	-	-	-	-	-	
MCV	-		99*	99*	99*	99*	98	76	67	-	
MCV2	-		99*	-	86	88	61	70	-	-	
Pol3	-		99*	99*	99*	95	99*	94	83	39	
TT2plus	-		99*	99*	99*	38	15	15	34	-	
VitA	-		-	-	-	-	-	-	-	-	
YFV	-		-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates</i>								
BCG	99	99	99	99	99	95	99	99	29		
DTP1	99	99	99	96	99	99	98	97	65		
DTP3	99	99	99	96	99	99	97	93	40		
HepB3	99	99	99	93	99	99	97	71	-		
Hib3	-	-	-	-	-	-	-	-	-		
MCV	99	99	99	99	98	98	76	67	-		
Pol3	99	99	99	95	99	99	94	83	39		

Number of districts in the country	40	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	1st contact: +28, 32 weeks;
DT	5 years;		
DTwP	6, 10, 14 weeks; 5 years;		
HepB	birth; 6, 14 weeks;		
Measles	9, 12 months;		
MR	12 months: (From March 2006)		
OPV	6, 10, 14 weeks;		
Td	10, 15 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Costa Rica



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	4'700	GDP per capita (US\$) <sup>1</sup>	10180
Infant (under 12 months) mortality rate	2 §	10	Child (under 5 years) mortality rate	2 §	12

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'399	4'327	4'253	4'176	4'097	3'929	3'076	2'347
Live births	80	79	79	79	79	79	83	71
Surviving infants	79	79	78	78	78	78	82	69
Pop. less than 5 years	393	393	393	393	394	397	411	318
Pop. less than 15 years	1'221	1'227	1'233	1'240	1'245	1'247	1'104	886
Female 15-49 years	1'195	1'173	1'149	1'123	1'096	1'038	773	572

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	-	1	0	1	0	0	76	1'000	-
Mumps	-	46	66	282	-	419	-	-	-
Pertussis	1'037	7	13	27	32	23	75	960	-
Polio	0	0	0	0	0	0	0	0	0
Rubella	0	0	0	0	-	86	-	-	-
Rubella (CRS)	0	0	0	0	-	46	-	-	-
Tetanus (neonatal)	0	0	0	1	-	0	0	2	-
Tetanus (total)	1	0	0	1	1	1	2	17	-
Yellow fever	0	0	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1992	96	87	88	90	87	91	92	92	80
DTP1	1992	94	89	89	89	89	-	90	-	-
DTP3	1992	87	89	91	90	88	94	88	95	86
HepB3	-	-	88	90	89	86	-	89	-	-
Hib3	-	-	88	89	90	87	92	92	-	-
MCV	1992	92	90	89	88	89	94	82	90	60
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1992	86	89	91	90	88	94	80	95	86
TT2plus	1992	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			88	88	90	87	91	92	92	80
DTP1			89	89	89	89	97	90	98	95
DTP3			91	91	90	88	94	88	95	86
HepB3			90	90	89	86	94	89	-	-
Hib3			89	89	90	87	93	92	-	-
MCV			89	89	88	89	94	82	90	60
Pol3			91	91	90	88	94	80	95	86

Number of districts in the country	81	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	0
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Varicella	(risk groups >15 months to <14 years)
DTwP	4, 15 months; 4 years;		
DTwPHibHep	2, 6 months;		
HepB	birth;		
Hib	4, 15 months;		
Influenza	4, >=65 years;		
MMR	15 months; 7 years;		
OPV	2, 4, 6 months; 4 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Côte d'Ivoire



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	870	GDP per capita (US\$) <sup>1</sup>	1648
Infant (under 12 months) mortality rate	2 §	119	Child (under 5 years) mortality rate	2 §	187

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	18'914	18'585	18'275	17'982	17'691	17'049	12'780	8'344
Live births	684	680	676	671	665	650	570	430
Surviving infants	602	599	594	589	584	572	506	379
Pop. less than 5 years	2'849	2'826	2'801	2'776	2'751	2'699	2'364	1'625
Pop. less than 15 years	7'829	7'756	7'683	7'608	7'530	7'358	5'890	3'772
Female 15-49 years	4'439	4'332	4'234	4'144	4'056	3'859	2'662	1'761

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	-	0	0	-	-	-	-
Measles	11	117	4'010	5'207	7'633	5'729	17'799	7'633	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	0	0	-	3'052	-	-
Polio	0	0	17	1	0	1	28	47	-
Rubella	15	-	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	32	2	14	12	20	30	364	-	-
Tetanus (total)	-	2	-	12	0	-	384	-	-
Yellow fever	2	2	0	1	158	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2000	87	77	61	51	66	66	84	-	-	-
DTP1	2000	87	95	71	63	72	72	-	-	-	-
DTP3	2000	70	77	56	50	54	54	72	-	-	-
HepB3	-	-	77	56	50	48	48	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2000	69	73	51	49	56	56	73	-	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	2000	70	76	56	50	54	54	72	56	-	-
TT2plus	2000	70	26	34	51	41	41	78	-	-	-
VitA	-	-	-	-	-	50	-	-	-	-	-
YFV	-	-	67	52	47	51	51	65	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>										
	Year	Result									
BCG	-	-	77	61	51	66	66	84	62	-	-
DTP1	-	-	95	71	63	72	72	87	77	-	-
DTP3	-	-	77	56	50	54	54	72	54	-	-
HepB3	-	-	77	56	50	48	48	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	-	-	73	51	49	56	56	73	56	-	-
PAB	-	-	52	57	64	61	62	76	36	0	-
Pol3	-	-	76	56	50	54	54	72	56	-	-

Number of districts in the country	79	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	27
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	19
			From 50 to 79%	47
			Lesser than 50%	8
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	YF	9 months;
DTaPHep	6, 10, 14 weeks;		
DTwPHibHep	(From January 2008)		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	pregnant women 1st contact: +1 month; +1, +1, +1 year;		
Vitamina	6, 12 months: [Part of country]		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Croatia



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	8'290	GDP per capita (US\$) <sup>1</sup>	13042
Infant (under 12 months) mortality rate	<sup>2</sup> §	6	Child (under 5 years) mortality rate	<sup>2</sup> §	8

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'556	4'551	4'540	4'522	4'506	4'506	4'517	4'377
Live births	41	41	41	41	42	45	54	67
Surviving infants	40	40	41	41	42	44	53	66
Pop. less than 5 years	205	207	210	215	221	234	290	316
Pop. less than 15 years	696	706	717	727	738	767	926	923
Female 15-49 years	1'090	1'095	1'098	1'099	1'100	1'107	1'095	1'116

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	-
Measles	1	2	54	19	6	9	119	-	-
Mumps	66	155	84	72	101	152	-	-	
Pertussis	80	124	197	94	176	196	304	-	
Polio	0	0	0	0	0	0	-	-	
Rubella	2	3	2	2	10	8	-	-	
Rubella (CRS)	0	0	0	0	-	-	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	-	-	
Tetanus (total)	4	3	8	12	8	18	-	-	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	-		99	98	98	98	99	99	-	-
DTP1	1995	MICS	-	-	96	-	99*	-	-	-
DTP3	-		96	96	96	94	95	93	-	-
HepB3	-		-	99	-	98	97	-	-	-
Hib3	-		96	96	93	95	77	-	-	-
MCV	1995	MICS	95	96	96	95	95	93	-	-
MCV2	-		98	98	98	98	98	-	-	-
Pol3	1995	MICS	96	96	98	95	95	94	-	-
TT2plus	1995	MICS	-	-	-	-	-	97	-	-
VitA	-		-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	98	98	98	98	99	99	-	-
DTP1	96	96	96	97	99	97	-	-
DTP3	96	96	96	94	95	93	-	-
HepB3	-	-	-	-	-	-	-	-
Hib3	96	96	93	95	77	-	-	-
MCV	96	96	96	95	95	93	-	-
Pol3	96	96	98	95	95	94	-	-

Number of districts in the country	113	Proportion of districts reporting DTP3 coverage	{ Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Td	7, 14, 18 years;
DTaP	3 months;	TT	60 (x2), 61 years;
DTwP	4, 6 months; 1, 3 years;		
HepB	12 years (x3);		
Hib	2, 4, 6 months; 1 year;		
IPV	2 months;		
MMR	1, 6 years;		
OPV	4, 6 months; 1, 7, 14 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Cuba



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	5		Child (under 5 years) mortality rate	2 § 7

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	11'267	11'260	11'247	11'227	11'203	11'142	10'605	9'823
Live births	121	125	128	131	134	139	176	159
Surviving infants	121	124	127	130	133	138	173	156
Pop. less than 5 years	652	669	682	691	699	714	876	803
Pop. less than 15 years	2'126	2'165	2'196	2'220	2'240	2'285	2'384	3'116
Female 15-49 years	3'014	3'012	3'009	3'003	2'996	2'990	2'992	2'433

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	12	3'924	
Mumps	882	346	279	0	0	0	-	-	
Pertussis	0	0	0	0	0	0	70	131	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	18	0	0	0	-	-	
Rubella (CRS)	0	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	3	0	0	3	3	1	7	26	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
Vaccine	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	-	99	99	99	98	99	99	99	98	99	
DTP1	-	-	-	89	90	99	93	-	-	-	
DTP3	-	89	99*	88	73	99*	95	92	67		
HepB3	-	89	99*	99*	99	98	98	-	-	-	
Hib3	-	97	94	99	99*	78	78	-	-	-	
MCV	-	96	98	99	99	93	94	94	48		
MCV2	-	97	53	-	-	-	-	-	-	-	
Pol3	-	99*	99*	98	99	99*	99	94	99		
TT2plus	-	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>									
Vaccine	<i>WHO-UNICEF estimates <sup>5</sup></i>										
	Year	Result									
BCG		99	99	99	99	99	99	98	99		
DTP1		96	99	89	90	99	98	97	86		
DTP3		89	99	88	71	99	95	92	67		
HepB3		89	99	99	99	98	98	-	-		
Hib3		97	94	99	99	78	78	-	-		
MCV		96	98	99	99	98	94	94	48		
Pol3		99	99	98	98	98	99	94	99		

Number of districts in the country	169	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	71
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	From 80 to 89%	15
			From 50 to 79%	14
			Lesser than 50%	1

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	<1, 1, 2, 9 years;
DT	6 years;	TT	15 years;
DTwP	18 months;	Typhoid	10, 13, 16 years;
DTwPHibHep	2, 4, 6 months;		
HepB	birth;		
Hib	18 months;		
Influenza	>65 years;		
MMR	12 months; 6 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Cyprus



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	<sup>2</sup> §	6	Child (under 5 years) mortality rate	<sup>2</sup> §	7

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	846	836	827	817	807	786	681	611
Live births	10	10	10	10	10	10	13	12
Surviving infants	10	10	10	10	10	10	13	12
Pop. less than 5 years	49	49	49	50	50	53	62	57
Pop. less than 15 years	164	166	169	171	173	178	176	149
Female 15–49 years	224	221	218	215	211	203	170	159

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	0	1	0	0	0	0	4	0	0
Mumps	0	5	14	–	0	0	–	–	–
Pertussis	8	6	15	58	1	6	4	0	0
Polio	0	0	0	0	0	0	0	0	0
Rubella	0	0	6	0	0	0	–	–	–
Rubella (CRS)	0	0	0	0	0	0	–	–	–
Tetanus (neonatal)	0	0	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	2	1	0	0	0	0
Yellow fever	0	0	0	0	0	0	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	–	–	–	–	–	–	–	–	–
DTP1	–	99*	99*	99*	99*	99*	99*	–	–
DTP3	–	97	98	98	98	98	97	–	34
HepB3	–	93	88	88	88	89	89	–	–
Hib3	–	90	58	58	58	32	32	–	–
MCV	–	87	86	86	86	86	86	–	29
MCV2	–	–	–	–	–	–	–	–	–
Pol3	–	97	98	98	98	98	97	–	35
TT2plus	–	–	–	–	–	–	–	–	–
VitA	–	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	–	–	–	–	–	–	–	–	–
DTP1	99	99	99	99	99	99	98	97	59
DTP3	97	98	98	98	98	98	97	93	34
HepB3	93	88	88	88	89	89	89	–	–
Hib3	90	58	58	58	32	32	–	–	–
MCV	87	86	86	86	86	86	86	77	29
Pol3	97	98	98	98	98	98	97	94	35

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	83
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		17

Vaccine	Schedule	Vaccine	Schedule
BCG	(Given only to children with continuous contact with a contagious form of TB)	HepA	(Given only to travellers in high risk areas, sewage workers and patients with liver problems)
DTaPHepIPV	2–3, 4–5 months: (Given only by the Private Sector)	HepB	2–3, 4–5, 8–12 months:
DTaPHib	2–3, 4–5 months: (Given only by the Private Sector)	Hib	2–3, 4–5, 6–8, 12–18 months:
DTaPHibHepIPV	2–3, 4–5 months: (Given only by the private sector)	Influenza	>65 years: (Given to high risk groups and all people over Y65)
DTaPHibIPV	2–3, 4–5 months: (Given only by the private sector)	IPV	2–3, 4–5 months:
DTwP	2–3, 4–5, 6–8, 15–20 months: 4–6 years:	MenAC	>=2 years: (Given to all soldiers and high risk groups)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Czech Republic



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	11'220	GDP per capita (US\$) <sup>1</sup>	20538
Infant (under 12 months) mortality rate	<sup>2</sup> §	4	Child (under 5 years) mortality rate	<sup>2</sup> §	5

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	10'189	10'192	10'195	10'197	10'202	10'220	10'303	10'284
Live births	93	93	92	91	90	88	127	160
Surviving infants	93	92	92	90	89	87	126	158
Pop. less than 5 years	466	461	453	443	435	443	647	878
Pop. less than 15 years	1'473	1'503	1'535	1'567	1'602	1'682	2'207	2'412
Female 15-49 years	2'501	2'509	2'520	2'533	2'548	2'581	2'579	2'425

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	-
Measles	7	0	17	30	4	9	2'420	-	-
Mumps	5'172	1'803	244	753	748	120	-	-	-
Pertussis	234	412	373	342	329	187	48	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	8	8	31	28	3'156	743	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	0	0	0	0	0	1	-	-	-
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	99	99	99	99	97	99	-	-
DTP1	-	-	-	-	-	-	-	-	-
DTP3	-	98	97	98	97	98	98	-	-
HepB3	-	98	99	98	67	86	-	-	-
Hib3	-	97	97	98	97	95	-	-	-
MCV	-	-	97	97	99	-	-	-	-
MCV2	-	97	97	97	97	98	97	-	-
Pol3	-	98	96	96	97	97	97	-	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i> <sup>5</sup>								

BCG	99	99	99	98	97	98	-	-
DTP1	98	98	98	98	98	98	-	-
DTP3	98	97	98	97	98	98	-	-
HepB3	98	99	98	92	86	-	-	-
Hib3	97	97	98	97	95	-	-	-
MCV	97	97	97	99	99	98	-	-
Pol3	98	96	96	97	97	98	-	-

Number of districts in the country	14	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Vaccine	Schedule	Vaccine	Schedule
BCG	4 days; 11 years:	IPV	
DT	9 weeks; 3, 4, 18 months:	MMR	15, 21 months:
DTaP	5 years:	OPV	1 (x2), 2 (x2), 13 years:
DTaPHib	9 weeks; 3, 4, 18 months:		
DTaPHibHepIPV	9 weeks; 3, 4, 18 months:		
DTwP	5 years:		
DTwPHib	9 weeks; 3, 4, 18 months:		
HepB	9 weeks; 3, 9 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Democratic People's Republic of Korea



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	2 §	49		Child (under 5 years) mortality rate	2 § 64

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	23'708	23'616	23'514	23'401	23'272	22'946	20'143	17'239
Live births	321	327	335	347	360	388	417	342
Surviving infants	305	311	319	329	342	369	403	331
Pop. less than 5 years	1'606	1'661	1'726	1'800	1'877	2'008	1'890	1'524
Pop. less than 15 years	5'606	5'708	5'790	5'852	5'896	5'945	5'272	5'949
Female 15–49 years	6'312	6'256	6'185	6'103	6'014	5'849	5'538	4'614

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	–	0	18	
Measles	0	0	0	0	0	–	0	0	
Mumps	176	187	2'050	2'710	2'710	–	–	–	
Pertussis	409	493	1'930	1'084	1'087	304	58	0	
Polio	0	0	0	0	0	0	0	0	
Rubella	101	123	507	520	520	–	–	–	
Rubella (CRS)	0	0	0	–	0	–	–	–	
Tetanus (neonatal)	0	0	0	0	0	–	0	–	
Tetanus (total)	0	0	0	0	0	–	–	537	
Yellow fever	0	0	0	0	–	–	–	–	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1999	82 MICS	96	94	95	88	97	82	99	50
DTP1	1999	91 MICS	91	83	75	70	65	82	–	–
DTP3	1999	96 MICS	89	79	72	68	64	80	98	50
HepB3	–	–	96	92	98	99*	21	30	–	–
Hib3	–	–	–	–	–	–	–	–	–	–
MCV	1999	92 MICS	96	96	95	95	98	92	98	29
MCV2	–	–	–	–	–	–	–	–	–	–
Pol3	1999	98 MICS	98	97	99	99*	99*	98	99	50
TT2plus	1999	74 MICS	95	94	97	97	97	84	98	–
VitA	–	–	98	99*	99*	99*	99*	99*	–	–
YFV	–	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	96	94	95	88	96	78	99	50	
DTP1	91	83	75	70	65	82	98	74	
DTP3	89	79	72	68	64	56	98	50	
HepB3	96	92	98	27	–	–	–	–	
Hib3	–	–	–	–	–	–	–	–	
MCV	96	96	95	95	98	78	98	29	
PAB	90	90	92	91	91	81	90	0	
Pol3	98	97	99	99	99	93	99	50	

Number of districts in the country	206	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Vaccine	Schedule	Vaccine	Schedule
BCG	within 1 week after birth:		
DTwP	6, 10, 14 weeks:		
DTwPHep	6, 10, 14 weeks:		
HepB	within 1 week after birth:		
Measles	9 months:		
OPV	6, 10, 14 weeks:		
TT	3, 4 months after pregnancy:		
Vitamina	6–59 months: (Every 6 months)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Democratic Republic of the Congo



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	120	GDP per capita (US\$) <sup>1</sup>	714
Infant (under 12 months) mortality rate	2 §	115	Child (under 5 years) mortality rate	2 §	200

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	60'644	58'741	56'918	55'175	53'537	50'689	37'942	28'071
Live births	3'026	2'934	2'845	2'759	2'678	2'527	1'859	1'362
Surviving infants	2'679	2'594	2'510	2'428	2'349	2'202	1'640	1'204
Pop. less than 5 years	11'843	11'432	11'033	10'647	10'285	9'674	7'243	5'366
Pop. less than 15 years	28'658	27'712	26'814	25'965	25'175	23'817	17'790	12'986
Female 15-49 years	13'490	13'081	12'685	12'301	11'936	11'292	8'416	6'331

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	-	-	-	0	-	43	
Measles	80'123	182'485	44'934	21'956	30'466	8'282	4'564	32'596	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	3'558	4'564	7'104	2'534	-	75	-	15'335	
Polio	13	0	0	0	0	603	-	263	
Rubella	207	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	717	1'524	721	465	1'083	77	120	-	
Tetanus (total)	802	1'524	1'515	574	4'763	77	-	848	
Yellow fever	81	140	1'192	18	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	56 MICS	87	84	78	68	55	57	-	-	-
DTP1	1999	54 MICS	87	82	76	61	53	49	-	-	-
DTP3	1999	31 MICS	77	73	64	49	43	40	-	-	-
HepB3	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	1999	48 MICS	73	70	64	54	45	46	-	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	1999	43 MICS	78	73	63	55	45	42	-	-	-
TT2plus	1999	48 MICS	73	66	58	48	44	25	-	-	-
VitA	-	-	77	-	70	9	-	-	-	-	-
YFV	-	-	74	66	49	29	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			87	84	78	68	55	57	65	57	
DTP1			87	82	76	61	53	49	60	-	
DTP3			77	73	64	49	43	40	35	-	
HepB3			-	-	-	-	-	-	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			73	70	64	54	45	46	38	18	
PAB			77	73	69	65	60	42	53	0	
Pol3			78	73	63	55	45	42	34	15	

Number of districts in the country	515	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	27
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	17
			From 50 to 79%	43
			Lesser than 50%	11
		Proportion of districts not reporting DTP3 coverage		2

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6, +6 months;
DTaP	6, 10, 14 weeks;	YF	9 months;
DTaPHep	(From February 2007)		
DTwPHiB	(From January 2008)		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	pregnant women 1st contact: +1, +6 months; +1, +1 year;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Denmark



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	48'330	GDP per capita (US\$) <sup>1</sup>	33973
Infant (under 12 months) mortality rate	<sup>2</sup> §	4	Child (under 5 years) mortality rate	<sup>2</sup> §	6

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	5'430	5'417	5'403	5'388	5'372	5'335	5'140	5'123
Live births	62	63	64	64	65	66	63	57
Surviving infants	62	63	63	64	65	66	63	56
Pop. less than 5 years	321	325	327	330	332	337	291	314
Pop. less than 15 years	1'014	1'017	1'016	1'013	1'007	986	876	1'068
Female 15-49 years	1'235	1'236	1'238	1'241	1'244	1'255	1'308	1'225

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	27	2	0	0	32	14	180	28'249	
Mumps	13	11	8	3	12	34	-	-	
Pertussis	55	129	228	114	323	164	569	4'970	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	0	-	0	0	-	-	
Rubella (CRS)	0	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	2	0	1	0	0	1	2	2	
Yellow fever	-	-	-	0	0	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	93	93	95	95	97	95	98	97	
DTP3	-	93	93	95	96	98	97	90	88	
HepB3	-	-	-	-	-	-	-	-	-	
Hib3	-	93	93	95	96	96	95	-	-	
MCV	-	99*	95	96	96	99*	99*	84	-	
MCV2	-	91	91	88	88	92	-	-	-	
Pol3	-	93	93	95	96	98	97	99	99	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	-	-	-	-	-	-	-	-	-	
DTP1	93	93	95	95	97	95	98	97		
DTP3	93	93	95	96	98	97	90	88		
HepB3	-	-	-	-	-	-	-	-		
Hib3	93	93	95	96	96	95	-	-		
MCV	99	95	96	96	99	99	84	-		
Pol3	93	93	95	96	98	97	99	99		

Number of districts in the country	16	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	81
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	19
			From 50 to 79%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
DTaPHibIPV	3, 5, 12 months:		
DTaPIPv	5 years:		
MMR	15 months; 12 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Djibouti



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	1'010	GDP per capita (US\$) <sup>1</sup>	2178
Infant (under 12 months) mortality rate	2 §	88	Child (under 5 years) mortality rate	2 §	131

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	819	804	790	777	763	730	561	340
Live births	24	24	24	24	24	24	23	14
Surviving infants	22	22	22	22	22	21	20	13
Pop. less than 5 years	107	107	107	106	106	105	97	60
Pop. less than 15 years	310	309	309	308	306	300	247	154
Female 15-49 years	210	204	199	194	189	178	132	79

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	-	0	0	0	-	0	0	411
Measles	49	298	71	37	50	183	104	-
Mumps	-	-	-	-	-	-	-	-
Pertussis	-	-	0	10	2	48	25	-
Polio	0	0	0	0	0	0	7	-
Rubella	-	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-
Tetanus (neonatal)	1	0	0	0	-	0	0	-
Tetanus (total)	1	0	0	0	1	0	2	-
Yellow fever	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result	2005		2004		2003		2002		2000
BCG	2005	88 MICS	88	52	78	63	52	34	95	-	-
DTP1	2002	75 DHS	76	73	81	76	72	66	-	-	-
DTP3	2005	60 MICS	72	71	64	68	62	46	85	-	-
HepB3	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2005	72 MICS	67	65	60	66	62	50	85	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	2005	49 MICS	72	71	64	68	62	46	85	-	-
TT2plus	2002	DHS	64	55	45	35	34	15	80	-	-
VitA	-	-	31	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>									
	<i>WHO-UNICEF estimates <sup>5</sup></i>		2005		2004		2003		2002		2000	
	BCG	88	88	78	63	52	34	81	-	-	-	-
DTP1	76	73	81	76	72	66	95	-	-	-	-	
DTP3	72	71	64	68	62	46	85	-	-	-	-	
HepB3	-	-	-	-	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	-	
MCV	67	65	60	66	62	50	85	-	-	-	-	
PAB	77	71	65	59	57	46	80	0	-	-	-	
Pol3	72	71	64	68	62	46	85	-	-	-	-	

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	0
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	17
			Lesser than 50%	83
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks; 15 months:		
DTwPHibHep	[Part of country](From July 2007)		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks; 15 months:		
TT	1st contact pregnancy; +1, +6 months; +1, +1 year:		
Vitamina	6, 12, 18, 24 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Dominica



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	-	Child (under 5 years) mortality rate	2 §	-

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	68	68	68	68	68	68	69	73
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	6	6	7	7	7	7	8	9
Pop. less than 15 years	19	19	19	20	20	20	22	27
Female 15-49 years	18	18	18	18	18	18	18	18

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	0	-	0	0	0	0	0
Measles	0	0	0	0	0	0	13	0	
Mumps	0	-	0	-	0	-	-	-	
Pertussis	0	-	0	-	0	0	0	1	
Polio	0	0	0	0	0	0	-	0	
Rubella	0	-	0	-	0	-	-	-	
Rubella (CRS)	0	-	0	-	0	-	-	-	
Tetanus (neonatal)	0	-	0	-	0	0	0	0	
Tetanus (total)	0	-	0	-	1	0	0	2	
Yellow fever	0	-	0	-	-	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	99*	98	99*	99	99	99	99	65
DTP1	-	99*	-	-	98	99	99	98	-
DTP3	-	95	98	99*	99	98	99	92	63
HepB3	-	7	-	2	-	-	-	-	-
Hib3	-	7	-	1	-	-	46	-	-
MCV	-	99*	98	99	99*	99	99	88	-
MCV2	-	99	-	-	-	99	-	-	-
Pol3	-	88	98	99*	99	98	99	94	53
TT2plus	-	-	-	-	-	-	20	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	99	98	99	99	99	99	99	99	65
DTP1	99	98	99	98	99	99	98	97	84
DTP3	95	98	99	99	98	98	99	92	63
HepB3	7	-	-	-	-	-	-	-	-
Hib3	7	-	-	-	-	-	-	-	-
MCV	99	98	99	99	98	99	99	88	-
Pol3	88	98	99	99	98	99	99	94	53

Number of districts in the country	7	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule		Vaccine	Schedule
BCG	3 months:		
DT	3 years:		
DTwP	3, 5, 7 months:		
DTwPHibHep	2, 4, 6 months:		
HepB	(Health workers)		
IPV	3, 5, 7 months: (special circumstances)		
MMR	12, 18 months:		
OPV	3, 5, 7 months: 3, 12 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Dominican Republic



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'460	GDP per capita (US\$) <sup>1</sup>	8217
Infant (under 12 months) mortality rate	2 §	31	Child (under 5 years) mortality rate	2 §	35

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	9'615	9'470	9'325	9'180	9'035	8'744	7'295	5'934
Live births	231	231	230	230	229	227	211	199
Surviving infants	224	223	223	222	221	219	200	183
Pop. less than 5 years	1'110	1'106	1'101	1'095	1'088	1'072	967	898
Pop. less than 15 years	3'195	3'172	3'147	3'119	3'090	3'030	2'753	2'542
Female 15-49 years	2'491	2'455	2'418	2'382	2'344	2'267	1'839	1'390

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	16	39	122	38	35	52	27	187	
Measles	0	0	0	0	0	254	3'477	9'760	
Mumps	-	-	0	10	-	2'760	-	-	
Pertussis	17	63	53	23	10	40	227	558	
Polio	0	0	0	0	0	11	0	148	
Rubella	21	6	7	4	2	346	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	4	4	5	4	1	4	12	14	
Tetanus (total)	69	54	54	57	59	25	56	113	
Yellow fever	-	-	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2005	96 MICS	95	99*	97	90	96	90	68	29	
DTP1	2005	93 MICS	93	92	87	88	99*	-	-	-	
DTP3	2005	65 MICS	89	87	81	75	73	78	69	36	
HepB3	1999	31 MICS	82	87	82	75	56	68	-	-	
Hib3	-	-	77	87	80	75	83	-	-	-	
MCV	2005	68 MICS	99*	99*	61	79	82	88	96	30	
MCV2	-	-	-	-	33	-	-	-	-	-	
Pol3	2005	69 MICS	88	86	70	73	76	67	90	46	
TT2plus	2001	86 DHS	83	62	-	-	86	-	-	25	
VitA	-	-	99*	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			95	99	97	90	96	90	70	12	
DTP1			93	92	88	85	84	87	87	61	
DTP3			81	79	71	65	63	68	69	36	
HepB3			74	79	71	65	56	68	-	-	
Hib3			69	79	71	65	83	-	-	-	
MCV			99	99	61	79	82	88	96	30	
PAB			85	75	86	84	83	48	60	23	
Pol3			85	83	57	60	63	54	90	46	

Number of districts in the country	158	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	31
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	13
			From 50 to 79%	34
			Lesser than 50%	20
		Proportion of districts not reporting DTP3 coverage		2

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	VitaminA	6-59 months:
DTwP	2, 4, 6, 18 months: 4 years:	YF	(Travellers)
DTwPHibHep	2, 4, 6 months:		
HepB	birth: 1, 6 months:		
MenAC	>2 years:		
MMR	12 months:		
OPV	2, 4, 6, 18 months: 4 years		
Td	1st contact: +1, +6 months: +1, +2, +10 years:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Ecuador



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'620	GDP per capita (US\$) <sup>1</sup>	4341
Infant (under 12 months) mortality rate	2 §	22	Child (under 5 years) mortality rate	2 §	26

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	13'202	13'061	12'917	12'771	12'621	12'306	10'272	7'961
Live births	285	288	290	293	296	300	299	292
Surviving infants	279	281	284	286	288	291	284	270
Pop. less than 5 years	1'414	1'425	1'435	1'445	1'453	1'458	1'404	1'284
Pop. less than 15 years	4'256	4'259	4'261	4'259	4'255	4'238	4'001	3'408
Female 15-49 years	3'399	3'366	3'332	3'297	3'261	3'180	2'517	1'818

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	-	0	4	1	3	16	
Measles	-	0	0	0	0	0	1'646	2'722	
Mumps	-	1'037	-	-	-	-	-	-	
Pertussis	23	-	-	-	302	482	487	836	
Polio	0	0	0	0	0	0	1	11	
Rubella	-	0	79	-	271	538	-	-	
Rubella (CRS)	-	0	-	-	-	-	-	-	
Tetanus (neonatal)	4	6	12	7	9	6	88	28	
Tetanus (total)	47	16	-	7	40	28	169	81	
Yellow fever	-	0	-	0	0	2	12	2	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1993	96 DHS	99*	99*	99*	99	99*	99*	99	75
DTP1	1993	DHS	99*	99	99	99	99*	99*	-	-
DTP3	1993	85 DHS	98	94	90	89	89	88	75	10
HepB3	-	-	98	94	90	58	85	40	-	-
Hib3	-	-	98	94	90	58	-	-	-	-
MCV	1993	85 DHS	97	93	99*	99	80	-	67	24
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1993	84 DHS	97	93	93	99	90	83	77	19
TT2plus	1988	48 DHS	65	55	49	-	-	31	-	2
VitA	-	-	-	-	-	-	-	84	-	-
YFV	-	-	99*	99*	98	-	99*	28	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			99	99	99	99	99	99	89	76
DTP1			99	99	99	99	99	99	87	31
DTP3			98	94	90	89	89	89	68	10
HepB3			98	94	90	58	85	38	-	-
Hib3			98	94	90	58	-	-	-	-
MCV			97	93	99	99	80	84	60	24
PAB			66	65	65	59	58	41	15	2
Pol3			97	93	93	99	90	81	67	19

Number of districts in the country	167	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	52
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	25
			From 50 to 79%	22
			Lesser than 50%	2
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	OPV	2, 4, 6 months; 1.5 year:
DT	7, 11 years:	Td	1st contact; +2, +6 months; +1, +1 year: (CBAW and pregnant)
DTwP	18 months:	YF	1 year: [Part of country]
DTwPHibHep	2, 4, 6 months:		
HepB	<28 days: [Part of country]		
Influenza	>=65 years:		
MMR	12-23 months:		
MR	(Non immunized women from Y16 to Y39)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Egypt



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'260	GDP per capita (US\$) <sup>1</sup>	4337
Infant (under 12 months) mortality rate	2 §	31	Child (under 5 years) mortality rate	2 §	36

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	74'166	72'850	71'550	70'268	69'004	66'529	55'137	43'674
Live births	1'828	1'815	1'801	1'785	1'769	1'738	1'759	1'712
Surviving infants	1'772	1'757	1'740	1'723	1'704	1'667	1'624	1'508
Pop. less than 5 years	8'634	8'545	8'452	8'358	8'264	8'083	8'238	7'062
Pop. less than 15 years	24'466	24'287	24'157	24'069	24'010	23'899	22'528	18'084
Female 15-49 years	19'233	18'861	18'469	18'058	17'634	16'782	12'765	10'022

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	-	-	0	0	59	333	
Measles	953	77	80	164	653	2'633	887	839	
Mumps	251	251	-	639	-	1'390	-	-	
Pertussis	0	0	0	0	0	3	1	49	
Polio	0	0	1	1	7	4	565	2'006	
Rubella	2'587	520	18	261	274	24	-	-	
Rubella (CRS)	17	-	-	-	-	-	-	-	
Tetanus (neonatal)	46	58	71	116	176	321	3'275	2'965	
Tetanus (total)	60	-	-	523	673	597	4'952	6'644	
Yellow fever	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2004	98 DHS	99	98	98	98	98	98	98	89	72
DTP1	2004	99 DHS	98	98	98	98	98	98	98	-	-
DTP3	2004	94 DHS	98	98	97	98	98	97	98	87	84
HepB3	2004	80 DHS	98	98	97	98	98	97	98	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2004	97 DHS	98	98	97	98	98	97	98	87	78
MCV2	-	-	97	97	96	97	97	96	97	-	-
Pol3	2004	97 DHS	98	98	97	98	98	97	98	87	84
TT2plus	2002	35 DHS	69	-	69	66	67	67	71	61	-
VitA	-	-	97	-	-	98	98	97	98	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			99	98	98	98	98	98	98	89	50
DTP1			98	98	98	98	98	98	98	95	80
DTP3			98	98	97	98	98	97	98	87	57
HepB3			98	98	97	98	98	97	93	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			98	98	97	98	98	97	98	86	41
PAB			86	85	85	82	81	81	80	67	0
Pol3			98	98	97	98	98	97	98	87	67

Number of districts in the country	259	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	9, 18 months;
DTwP	2, 4, 6, 18 months;		
HepB	2, 4, 6 months;		
Measles	9 months;		
MenC_conj	3, 6, 9, 15 years;		
MMR	18 months;		
OPV	birth; 2, 4, 6, 9, 18 months;		
Td	6, 9 years;		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - El Salvador



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'450	GDP per capita (US\$) <sup>1</sup>	5255
Infant (under 12 months) mortality rate	2 §	23	Child (under 5 years) mortality rate	2 §	31

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	6'762	6'668	6'576	6'485	6'392	6'195	5'110	4'586
Live births	159	160	160	161	162	163	154	167
Surviving infants	155	156	156	157	158	158	147	153
Pop. less than 5 years	775	777	780	783	785	785	703	772
Pop. less than 15 years	2'279	2'273	2'264	2'254	2'241	2'208	2'085	2'061
Female 15-49 years	1'791	1'763	1'735	1'708	1'682	1'625	1'247	1'029

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	2
Measles	0	0	0	0	0	0	0	0	2'315
Mumps	980	488	501	391	-	1'170	-	-	-
Pertussis	5	5	1	8	6	3	0	1'003	-
Polio	0	0	0	0	0	0	0	55	-
Rubella	2	0	1	3	-	298	-	-	-
Rubella (CRS)	0	0	0	0	-	-	-	-	-
Tetanus (neonatal)	0	1	1	0	0	3	25	61	-
Tetanus (total)	5	7	8	6	1	13	-	98	-
Yellow fever	0	0	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2002	98	93	84	94	91	92	99	75	56	
DTP1	1997	-	79	82	81	84	76	87	-	-	
DTP3	2002	89	96	89	90	93	89	99	80	44	
HepB3	-	-	96	89	90	93	89	99	-	-	
Hib3	-	-	96	89	90	93	89	-	-	-	
MCV	2002	80	98	99	93	90	93	97	98	45	
MCV2	-	-	73	87	93	-	-	-	-	-	
Pol3	2002	83	96	89	90	93	81	98	80	42	
TT2plus	1992	-	96	70	99	-	-	-	-	26	
VitA	-	-	50	-	-	-	-	-	-	-	
YFV	-	-	99*	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			93	84	94	91	92	99	75	56	
DTP1			98	96	96	97	96	99	93	69	
DTP3			96	89	90	93	89	99	80	44	
HepB3			96	89	90	93	89	99	-	-	
Hib3			96	89	90	93	89	-	-	-	
MCV			98	99	93	90	93	97	98	45	
PAB			91	92	93	90	87	83	37	23	
Pol3			96	89	90	93	81	98	80	42	

Number of districts in the country	262	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	36
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	16
			From 50 to 79%	39
			Lesser than 50%	9
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	2, 4, 6, 15 months; 4 years;
DT	(when P is contraindicated)	Rotavirus	2, 4 months;
DTwP	15 months; 4 years;	Td	1st contact (CBAW)
DTwPHibHep	2, 4, 6 months;	TT	(pregnant women)
HepB	(3 doses for at risk groups)	YF	(travellers)
Influenza	(2 doses for 6-23 months and for >60 years)		
IPV	2,4,6 months (Children with HIV + Mothers)		
MMR	12 months; 4 years;		

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- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Equatorial Guinea



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	<sup>2</sup> §	95		Child (under 5 years) mortality rate	<sup>2</sup> § 160

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	496	484	473	462	451	431	340	213
Live births	19	19	19	18	18	17	14	10
Surviving infants	17	17	17	17	16	16	13	8
Pop. less than 5 years	81	79	78	76	75	72	56	34
Pop. less than 15 years	210	205	200	196	191	182	140	85
Female 15–49 years	114	111	108	106	104	99	79	50

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	–	–	–	–	0	–	–	–	–
Measles	0	–	38	18	24	–	32	–	–
Mumps	–	–	–	–	–	–	–	–	–
Pertussis	–	–	–	–	0	–	67	–	–
Polio	0	0	0	0	0	0	0	–	–
Rubella	0	–	–	–	–	–	–	–	–
Rubella (CRS)	–	–	–	–	–	–	–	–	–
Tetanus (neonatal)	1	0	2	1	0	–	3	–	–
Tetanus (total)	1	0	2	1	0	–	–	–	–
Yellow fever	–	0	0	0	0	–	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	73 MICS	47	42	58	60	91	34	–	–	–
DTP1	1999	65 MICS	54	51	60	67	86	39	–	–	–
DTP3	1999	33 MICS	34	34	46	41	65	32	–	–	–
HepB3	–	–	–	–	–	–	–	–	–	–	–
Hib3	–	–	–	–	–	–	–	–	–	–	–
MCV	1999	51 MICS	25	24	33	36	51	19	–	–	–
MCV2	–	–	–	–	–	–	–	–	–	–	–
Pol3	1999	39 MICS	35	34	46	42	72	32	–	–	–
TT2plus	1999	52 MICS	28	25	29	33	13	30	–	–	–
VitA	–	–	–	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			73	73	73	73	73	73	73	94	–
DTP1			65	65	65	65	65	65	65	96	–
DTP3			33	33	33	33	33	33	33	77	–
HepB3			–	–	–	–	–	–	–	–	–
Hib3			–	–	–	–	–	–	–	–	–
MCV			51	51	51	51	51	51	51	88	–
PAB			59	59	66	62	46	61	61	58	0
Pol3			39	39	39	39	39	39	39	75	–

Number of districts in the country	18	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	0
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	17
			Lesser than 50%	83
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks; 15 months:		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks; 15 months:		
TT	1, 2, 6 months; 1, 2 years:		

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Eritrea



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	170	GDP per capita (US\$) <sup>1</sup>	1109
Infant (under 12 months) mortality rate	2 §	57	Child (under 5 years) mortality rate	2 §	80

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'692	4'527	4'354	4'176	3'999	3'684	3'158	2'469
Live births	186	181	175	169	163	150	126	108
Surviving infants	176	171	165	159	152	140	113	95
Pop. less than 5 years	808	778	745	712	679	624	538	498
Pop. less than 15 years	2'013	1'947	1'884	1'824	1'768	1'669	1'463	1'163
Female 15-49 years	1'162	1'118	1'069	1'015	960	862	724	535

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	3	-	-	-	-	-	-
Measles	128	19	24	376	460	789	-	-	-
Mumps	1'240	2'335	1'771	1'652	1'627	2'028	-	-	-
Pertussis	65	46	6	53	149	152	-	-	-
Polio	0	1	0	0	0	8	-	-	-
Rubella	44	16	2	4	46	39	-	-	-
Rubella (CRS)	0	3	-	9	-	-	-	-	-
Tetanus (neonatal)	0	0	3	1	3	4	-	-	-
Tetanus (total)	1	6	15	17	10	11	-	-	-
Yellow fever	-	-	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2005	99 EPI	90	85	85	80	75	61	-	-
DTP1	2005	99 EPI	85	85	85	80	75	59	-	-
DTP3	2005	97 EPI	80	80	80	75	70	52	-	-
HepB3	2005	97 EPI	80	80	68	75	70	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2005	95 EPI	80	80	80	62	65	50	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2005	97 EPI	80	80	80	75	70	52	-	-
TT2plus	2001	35 DHS	50	70	70	60	50	25	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>						
	<i>WHO-UNICEF estimates <sup>5</sup></i>								
	Year	Result							
BCG	99	99	97	95	93	95	-	-	-
DTP1	99	99	97	95	93	94	-	-	-
DTP3	97	97	94	90	87	88	-	-	-
HepB3	97	97	94	90	87	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	95	95	92	90	87	86	-	-	-
PAB	79	78	77	73	71	38	0	0	
Pol3	96	96	93	90	86	88	-	-	

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	0
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	17
			From 50 to 79%	50
			Lesser than 50%	33
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwPHep	6, 10, 14 weeks:		
DTwPHibHep	(From January 2008)		
Measles	9 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	1st contact pregnancy: +1, +6 months: +1, +1 year:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Estonia



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	9'060	GDP per capita (US\$) <sup>1</sup>	15478
Infant (under 12 months) mortality rate	<sup>2</sup> §	7	Child (under 5 years) mortality rate	<sup>2</sup> §	10

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'340	1'344	1'348	1'352	1'357	1'370	1'566	1'473
Live births	14	14	14	13	13	13	21	22
Surviving infants	14	14	13	13	13	13	21	22
Pop. less than 5 years	67	66	64	63	62	63	120	110
Pop. less than 15 years	200	204	211	219	228	249	347	320
Female 15-49 years	340	342	343	343	343	343	381	374

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	2	0	-	-
Measles	27	2	0	0	0	9	33	-	-
Mumps	17	29	132	35	36	63	-	-	-
Pertussis	153	63	455	489	215	503	87	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	5	6	22	48	96	370	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	0	0	0	1	0	1	-	-	-
Yellow fever	0	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	-		99	99	99	99*	99	99*	-	-	-
DTP1	-		98	99	98	99	99	96	-	-	-
DTP3	-		95	96	94	94	94	93	-	-	-
HepB3	-		95	95	90	96	-	0	-	-	-
Hib3	-		88	37	27	-	-	-	-	-	-
MCV	-		96	96	96	95	95	93	-	-	-
MCV2	-		98	98	97	96	94	89	-	-	-
Pol3	-		95	96	95	95	94	93	-	-	-
TT2plus	-		-	-	-	-	-	-	-	-	-
VitA	-		-	-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		99	99	99	99	99	99	99	-	-
DTP1		98	99	98	99	99	99	96	-	-
DTP3		95	96	94	94	94	94	93	-	-
HepB3		95	95	90	-	-	-	-	-	-
Hib3		88	37	27	-	-	-	-	-	-
MCV		96	96	96	95	95	95	93	-	-
Pol3		95	96	95	95	94	94	93	-	-

Number of districts in the country	15	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% 100 From 80 to 89% 0 From 50 to 79% 0 Lesser than 50% 0
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	1-5 days;	IPV	3, 4.5, 6 months; 2, 7 years; (HIV positive children)
DT	2, 4.5, 6 months; 2 years; (children with pertussis contraindication)	MMR	1, 13 years;
DTaPHibIPV	(From January 2008)	OPV	3, 4.5, 6 months; 2, 7 years;
DTwPHIB	3, 4.5, 6 months; 2 years;	Rabies	+0, +3, +7, +14, +28 days; (after animal bite)
HepB	birth; 1, 6 months; (and 13 years, +1, +6 months)	Td	7, 12, 17 years; +10, +10 years; (also for tetanus prophylaxis in cases of injury)
Hib	3, 4.5 months; 1 year; 2 years; (children with pertussis contraindications)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immune profile - Ethiopia



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	160	GDP per capita (US\$) <sup>1</sup>	1055
Infant (under 12 months) mortality rate	2 §	89	Child (under 5 years) mortality rate	2 §	150

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	81'021	78'986	76'995	75'046	73'134	69'388	51'148	37'138
Live births	3'159	3'119	3'080	3'043	3'008	2'941	2'437	1'810
Surviving infants	2'877	2'835	2'794	2'755	2'718	2'648	2'148	1'569
Pop. less than 5 years	13'439	13'239	13'053	12'878	12'709	12'353	9'558	6'901
Pop. less than 15 years	35'774	35'116	34'444	33'757	33'055	31'601	23'410	16'948
Female 15-49 years	18'841	18'270	17'725	17'204	16'706	15'761	11'564	8'386

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	-	-	-	-	61	142	-
Measles	1'451	357	73	228	3'332	1'660	1'836	10'690	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	-	922	23'429	-
Polio	17	22	1	0	0	152	81	234	-
Rubella	276	175	104	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	102	57	55	43	56	20	39	-	-
Tetanus (total)	-	57	-	-	-	-	140	409	-
Yellow fever	0	0	-	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	2005	83 EPI	72	67	67	57	55	51	70	-
DTP1	2005	84 EPI	80	78	75	63	60	50	-	-
DTP3	2005	66 EPI	72	69	66	52	51	42	49	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2005	54 EPI	63	59	56	44	42	37	38	4
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2005	67 EPI	69	66	65	52	51	42	49	3
TT2plus	2000	55 EPI	53	45	41	33	24	32	16	-
VitA	-	-	-	1	68	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	72	67	67	69	72	76	64	-	-
DTP1	80	78	75	75	75	79	73	-	-
DTP3	72	69	66	64	61	56	49	-	-
HepB3	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	63	59	56	55	54	52	38	4	4
PAB	80	81	79	79	79	71	50	0	0
Pol3	69	66	65	63	61	57	49	3	3

Number of districts in the country	85	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	20
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	14
			From 50 to 79%	45
			Lesser than 50%	21
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
Measles	9 months:		
OPV	6, 10, 14 weeks:		
TT	1st contact pregnancy: +1, +6 months; +1, +1 year:		
Vitamina	9 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Fiji



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	3' 170	GDP per capita (US\$) <sup>1</sup>	6049
Infant (under 12 months) mortality rate	2 §	20	Child (under 5 years) mortality rate	2 §	25

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	833	828	823	818	813	802	724	634
Live births	18	18	19	19	19	19	21	21
Surviving infants	18	18	18	18	19	19	20	20
Pop. less than 5 years	90	91	92	93	94	96	95	87
Pop. less than 15 years	271	272	273	273	273	273	274	248
Female 15-49 years	211	211	210	209	209	207	184	161

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	0	0	0
Measles	136	-	37	305	304	-	32	913	
Mumps	1'020	-	20	14	14	-	-	-	
Pertussis	0	0	3	0	0	-	1	13	
Polio	0	0	0	0	0	0	0	0	
Rubella	10	0	2	65	63	-	-	-	
Rubella (CRS)	0	0	-	0	0	-	-	-	
Tetanus (neonatal)	0	0	-	0	0	-	0	1	
Tetanus (total)	0	0	-	0	0	-	1	1	
Yellow fever	0	-	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1998	100	93	90	93	99*	99*	-	99*	95
DTP1	1998	95	84	80	75	97	96	-	-	-
DTP3	1998	92	81	75	71	94	92	-	82	68
HepB3	1998	94	81	75	73	92	78	-	-	-
Hib3	-	-	81	75	71	88	85	-	-	-
MCV	1998	92	99*	70	62	91	88	-	72	32
MCV2	-	-	99*	80	-	-	-	-	-	-
Pol3	1998	100	83	80	76	99*	99*	-	87	55
TT2plus	1998	-	-	-	-	98	98	-	6	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	93	90	93	99	99	98	99	95
DTP1	84	80	75	97	96	96	98	87
DTP3	81	75	71	94	92	89	97	68
HepB3	81	75	73	92	78	95	-	-
Hib3	81	75	71	88	85	86	-	-
MCV	99	70	62	91	88	85	84	32
PAB	93	93	93	92	92	84	5	0
Pol3	83	80	76	99	99	95	96	55

Number of districts in the country	19	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Vaccine	Schedule	Vaccine	Schedule
BCG	birth: 6 years:		
DTwPHibHep	6, 10, 14 weeks:		
HepB	birth:		
MR	1, 4-6 years:		
OPV	birth: 6, 10, 14 weeks:		
TT			

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Finland



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	37 530	GDP per capita (US\$) <sup>1</sup>	32 153
Infant (under 12 months) mortality rate	<sup>2</sup> §	4	Child (under 5 years) mortality rate	<sup>2</sup> §	5

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	5 261	5 246	5 231	5 217	5 203	5 176	4 986	4 780
Live births	58	58	57	57	57	58	64	65
Surviving infants	58	57	57	57	57	57	64	65
Pop. less than 5 years	286	285	285	286	287	295	311	320
Pop. less than 15 years	905	911	917	923	928	940	963	971
Female 15-49 years	1 174	1 179	1 185	1 192	1 200	1 219	1 258	1 219

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	0	0	0
Measles	0	1	0	0	0	-	3	2 147	-
Mumps	8	6	1	-	7	-	-	-	-
Pertussis	535	552	1 631	1 263	581	-	707	187	-
Polio	0	0	0	0	0	0	0	0	0
Rubella	1	0	0	0	4	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	-	0	-	-	0	-	0	0	0
Tetanus (total)	-	-	-	-	-	-	0	4	-
Yellow fever	0	0	-	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	98	98	98	98	99	99	91	-
DTP1	-	99	99	98	98	99	-	-	-
DTP3	-	97	97	98	98	98	99	90	-
HepB3	-	-	-	-	-	-	-	-	-
Hib3	-	98	98	96	96	96	-	-	-
MCV	-	97	97	97	97	96	96	97	-
MCV2	-	-	-	-	-	-	-	-	-
Pol3	-	97	97	96	96	95	95	90	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	98	98	98	98	99	99	91	90
DTP1	99	99	98	98	99	99	96	97
DTP3	97	97	98	98	98	99	90	92
HepB3	-	-	-	-	-	-	-	-
Hib3	98	98	96	96	96	96	-	-
MCV	97	97	97	97	96	96	97	-
Pol3	97	97	96	96	95	95	90	90

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected	-		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	IPV	2 years: (travellers)
DTaP	11-13 years;	MenACWY	(military service, outbreaks)
DTaPHibIPV	3, 5, 12 months;	MMR	14-18 months; 6 years;
DTaPIPv	6 years;		
HepA	(i.v drug users)		
HepB	(family members of carriers and iv. drug users, prostitutes)		
Influenza	(risk groups)		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - France



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	34'600	GDP per capita (US\$) <sup>1</sup>	30386
Infant (under 12 months) mortality rate	<sup>2</sup> §	4	Child (under 5 years) mortality rate	<sup>2</sup> §	5

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	61'330	60'991	60'624	60'236	59'849	59'187	56'735	53'880
Live births	763	766	767	766	763	753	751	756
Surviving infants	760	763	764	763	760	750	746	749
Pop. less than 5 years	3'834	3'828	3'809	3'779	3'742	3'666	3'798	3'699
Pop. less than 15 years	11'250	11'205	11'162	11'121	11'088	11'061	11'487	12'005
Female 15-49 years	14'333	14'357	14'364	14'356	14'344	14'368	14'136	12'917

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	3	0	5	0	1	0	0	3	
Measles	40	36	4'448	-	5'185	10'000	-	1'244	
Mumps	7'500	-	13'749	13'000	-	17'400	-	-	
Pertussis	246	-	-	-	-	-	-	100	
Polio	0	-	0	0	0	0	0	10	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	2	-	-	
Tetanus (neonatal)	-	-	-	-	-	0	-	-	
Tetanus (total)	16	-	26	26	17	26	33	208	
Yellow fever	0	0	-	0	0	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	-	-	84	85	85	83	74	-
DTP1	-	-	-	-	-	-	-	-
DTP3	-	-	98	97	97	97	94	-
HepB3	-	-	29	29	29	26	-	-
Hib3	-	-	87	86	86	86	-	-
MCV	-	-	87	86	86	84	71	-
MCV2	-	-	86	86	-	-	-	-
Pol3	-	-	98	97	97	98	95	-
TT2plus	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	84	84	84	85	85	83	74	80
DTP1	98	98	98	98	98	98	97	92
DTP3	98	98	98	97	97	97	94	79
HepB3	29	29	29	29	29	26	-	-
Hib3	87	87	87	86	86	86	-	-
MCV	87	87	87	86	86	84	71	-
Pol3	98	98	98	97	97	98	95	80

Number of districts in the country	95	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	Pneumo_conj	2, 3, 4, 12 months:
DT	6, 65 years:	Td	16-18, 18-25, 28-35, 38-45, 48-55 years:
DTwPIPv	2,3,4,16-18 months: 11-13 years:	YF	6 months, 11 years: [Part of country] (mandatory in the department of Guyana)
HepB	2, 4, 16-18 months:		
HIB	2,3,4,16-18 months:		
HPV	14 years		
Influenza	>=65 years: (every year)		
MMR	9-12, 13-23 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Gabon



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	5'010	GDP per capita (US\$) <sup>1</sup>	6954
Infant (under 12 months) mortality rate	2 §	57	Child (under 5 years) mortality rate	2 §	90

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'311	1'291	1'270	1'249	1'228	1'182	918	682
Live births	34	34	34	34	34	34	33	25
Surviving infants	32	32	32	32	32	32	31	23
Pop. less than 5 years	158	158	157	157	157	157	148	104
Pop. less than 15 years	464	464	464	463	462	458	373	257
Female 15-49 years	338	331	323	316	308	292	210	156

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	0	-	0	-	-	-	1
Measles	90	0	63	-	110	15	738	1'641	-
Mumps	-	-	-	-	-	0	-	-	-
Pertussis	-	-	-	-	0	-	-	-	3'065
Polio	0	0	0	0	0	0	2	70	-
Rubella	0	3	63	-	-	0	-	-	-
Rubella (CRS)	-	-	-	-	-	0	-	-	-
Tetanus (neonatal)	3	0	0	-	3	8	4	0	-
Tetanus (total)	3	0	-	-	0	-	22	12	-
Yellow fever	57	0	-	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	89 DHS	56	53	45	51	55	48	97	-	-
DTP1	1999	69 DHS	57	52	53	72	60	24	-	-	-
DTP3	1999	38 DHS	44	40	40	40	33	10	78	-	-
HepB3	-	-	52	28	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	1999	55 DHS	44	30	37	37	30	27	76	-	-
MCV2	-	-	-	-	-	-	-	27	-	-	-
Pol3	1999	28 DHS	48	37	16	40	54	52	78	-	-
TT2plus	1999	54 DHS	39	34	26	30	50	16	86	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	44	28	14	15	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	89	89	89	89	89	89	89	89	96	-	-
DTP1	69	69	69	69	69	69	69	69	96	-	-
DTP3	38	38	38	38	38	38	38	78	-	-	
HepB3	38	38	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	55	55	55	55	55	55	55	76	-	-	
PAB	63	58	58	53	64	39	84	0	-	-	
Pol3	31	31	31	31	31	31	78	-	-	-	

Number of districts in the country	51	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	12
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	6
			From 50 to 79%	35
			Lesser than 50%	47
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
HepB	6, 10, 14 weeks:		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks:		
TT	1st contact pregnancy; +4 weeks:		
YF	9 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Gambia



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	290	GDP per capita (US\$) <sup>1</sup>	1921
Infant (under 12 months) mortality rate	2 §	76	Child (under 5 years) mortality rate	2 §	133

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'663	1'617	1'571	1'524	1'477	1'384	962	671
Live births	60	59	58	58	57	55	42	32
Surviving infants	55	55	54	53	52	50	38	28
Pop. less than 5 years	261	256	252	247	241	230	169	122
Pop. less than 15 years	682	666	650	633	615	580	415	290
Female 15-49 years	391	380	368	357	345	323	223	156

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	-	-	0
Measles	0	0	0	119	25	336	-	-	284
Mumps	0	0	0	0	0	-	-	-	-
Pertussis	0	0	0	0	0	0	-	-	157
Polio	0	0	0	0	0	6	1	1	-
Rubella	10	0	30	0	0	-	-	-	-
Rubella (CRS)	0	0	0	-	0	-	-	-	-
Tetanus (neonatal)	0	6	3	3	3	2	44	-	-
Tetanus (total)	0	0	3	3	3	0	-	-	567
Yellow fever	0	0	0	9	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2000	100 EPI	99*	89	95	99	99	97	98	85
DTP1	2000	98 EPI	95	94	95	95	95	89	-	-
DTP3	2000	87 EPI	95	88	92	90	90	83	92	-
HepB3	2000	92 EPI	95	88	90	90	90	91	93	-
Hib3	-	-	95	88	90	90	90	83	-	-
MCV	2000	89 EPI	95	84	90	90	90	85	86	69
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2000	90 EPI	95	90	90	90	90	89	94	53
TT2plus	2000	91 EPI	95	71	80	95	95	90	73	-
VitA	-	-	85	16	90	-	-	-	-	-
YFV	-	-	95	87	90	90	90	85	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			99	89	95	99	99	97	98	85
DTP1			95	94	95	95	95	89	97	84
DTP3			95	88	92	90	90	83	92	63
HepB3			95	88	90	90	90	91	93	-
Hib3			95	88	90	90	90	83	-	-
MCV			95	84	90	90	90	85	86	69
PAB			94	89	94	94	94	92	85	0
Pol3			95	90	90	90	90	89	94	53

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	YF	9 months:
DTwP	16 months: (1 year after 3rd dose)		
DTwPHib	2, 3, 4 months:		
DTwPHibHep	(From 2009)		
HepB	birth: 2, 4 months:		
Measles	9 months:		
OPV	birth: 1, 2, 3, 9 months:		
TT	1st contact: +1, +6 months; +1, +1 year:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Georgia



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	1'320	GDP per capita (US\$) <sup>1</sup>	3365
Infant (under 12 months) mortality rate	2 §	39	Child (under 5 years) mortality rate	2 §	42

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'433	4'473	4'517	4'564	4'614	4'720	5'460	5'073
Live births	48	49	50	50	51	53	88	91
Surviving infants	46	47	48	48	49	51	84	87
Pop. less than 5 years	237	241	244	248	252	269	457	433
Pop. less than 15 years	814	845	878	912	948	1'019	1'343	1'306
Female 15-49 years	1'194	1'205	1'213	1'220	1'227	1'239	1'348	1'323

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	14	10	12	26	28	28	-	-	-
Measles	334	1'356	6'847	216	199	50	-	-	-
Mumps	71	111	132	-	713	2'646	-	-	-
Pertussis	135	165	207	98	147	84	-	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	482	1'841	4'809	838	420	428	-	-	-
Rubella (CRS)	0	1	1	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	3	2	7	7	13	6	-	-	-
Yellow fever	0	0	1	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1998	91 MICS	95	95	91	87	80	95	-	-	
BCG	1998	92 EPI	95	95	91	87	80	95	-	-	
DTP1	1998	87 EPI	99	94	88	86	96	99	-	-	
DTP3	1998	80 EPI	87	84	78	76	85	98	-	-	
HepB3	-	-	83	74	64	49	51	55	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	1998	73 MICS	95	92	86	80	99	97	-	-	
MCV	1998	73 EPI	95	92	86	80	99	97	-	-	
MCV2	-	-	88	87	75	57	40	-	-	-	
Pol3	1998	81 MICS	88	84	66	75	90	98	-	-	
Pol3	1998	80 EPI	88	84	66	75	90	98	-	-	
TT2plus	1998	EPI	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			95	95	91	87	91	95	-	-	
DTP1			99	94	88	86	96	99	-	-	
DTP3			87	84	78	76	84	80	-	-	
HepB3			83	74	64	49	51	55	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			95	92	86	80	73	73	-	-	
Pol3			88	84	66	75	89	81	-	-	

Number of districts in the country	66	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	41
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	44
			From 50 to 79%	14
		Proportion of districts not reporting DTP3 coverage	Lesser than 50%	2

Immunization schedule		Vaccine	Schedule
BCG	2-5 days:		
DT	5 years:		
DTwP	2, 3, 4, 18 months:		
HepB	birth; 2, 4 months:		
MMR	12 months; 5 years:		
OPV	2, 3, 4, 18 months; 5 years:		
Td	14 years:		

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Germany



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	34'870	GDP per capita (US\$) <sup>1</sup>	29461
Infant (under 12 months) mortality rate	2 §	4	Child (under 5 years) mortality rate	2 §	5

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	82'641	82'652	82'628	82'568	82'485	82'309	79'433	78'289
Live births	683	691	700	710	722	747	844	817
Surviving infants	680	688	697	707	719	744	838	807
Pop. less than 5 years	3'548	3'604	3'667	3'736	3'806	3'927	4'409	4'015
Pop. less than 15 years	11'691	11'870	12'067	12'275	12'484	12'853	12'775	14'474
Female 15-49 years	19'437	19'538	19'618	19'675	19'711	19'724	19'402	19'286

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	1	1	0	1	0	6	19	
Measles	2'307	778	121	779	4'657	-	-	28'745	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	-	-	-	-	-	-	-	258	
Polio	0	0	0	0	0	0	1	7	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	1	0	2	1	0	7	-	-	
Tetanus (neonatal)	-	-	-	-	-	0	0	0	
Tetanus (total)	-	-	-	-	-	8	18	21	
Yellow fever	0	-	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-
DTP3	-	90	97	89	87	78	80	-	-
HepB3	-	86	84	81	81	45	-	-	-
Hib3	-	94	92	90	89	79	-	-	-
MCV	-	94	93	93	92	92	50	-	-
MCV2	-	77	66	51	53	27	-	-	-
Pol3	-	96	94	94	94	95	85	-	-
TT2plus	-	-	-	-	-	-	80	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	-	-	-	-	-	-	-	-	-
DTP1	96	96	98	96	96	96	93	-	-
DTP3	90	90	90	90	90	90	80	-	-
HepB3	86	84	84	84	84	84	-	-	-
Hib3	94	92	90	89	91	79	-	-	-
MCV	94	93	93	93	93	93	75	25	-
Pol3	96	94	94	94	94	94	80	80	-

Number of districts in the country	450	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DTaP	2,3,4,11-14 months,5-6 years (Also recommended as Pertussis booster to special risk groups e.g. caregivers of infants)	HPV	(From March 2007)
DTaPHibHepIPV	2, 3, 4, 11-14 months:	Influenza	(specific high risk groups)
DTaPIPV	9-17 years:	IPV	(specific high risk groups)
HepA	(specific high risk groups)	MenACWY	(specific high risk groups)
HepB	(specific high risk groups)	Menc_conj	12-14 months:
Hib	(specific high risk groups)	MMR	11-14, 15-23 months:
		Pneumo_conj	2,3,4, 11-14 months:
		Pneumo_ps	(specific high risk groups)

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Ghana



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	450	GDP per capita (US\$) <sup>1</sup>	2480
Infant (under 12 months) mortality rate	2 §	59	Child (under 5 years) mortality rate	2 §	93

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	23'008	22'535	22'057	21'575	21'094	20'148	15'579	11'390
Live births	700	698	694	689	684	670	619	512
Surviving infants	659	656	651	646	640	627	571	464
Pop. less than 5 years	3'195	3'168	3'134	3'093	3'050	2'976	2'687	2'072
Pop. less than 15 years	8'881	8'796	8'704	8'606	8'503	8'296	6'950	5'150
Female 15-49 years	5'679	5'530	5'380	5'230	5'081	4'790	3'508	2'539

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	-	0	0	0	66	40	
Measles	420	435	60	1'939	12'289	23'068	32'246	82'684	
Mumps	1'514	-	-	-	-	-	-	-	
Pertussis	35	-	-	105	326	636	2'651	13'216	
Polio	0	0	0	8	0	104	60	145	
Rubella	344	209	146	252	25	-	-	-	
Rubella (CRS)	133	-	4	-	-	-	-	-	
Tetanus (neonatal)	29	44	11	37	70	80	-	-	
Tetanus (total)	46	44	-	85	213	219	660	1'045	
Yellow fever	79	2	1	24	51	0	0	9	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2005	94 MICS	99*	99*	92	92	99*	95	71	9
DTP1	2005	94 MICS	87	88	88	87	99*	84	-	-
DTP3	2005	84 MICS	84	84	80	80	99*	84	50	7
HepB3	2005	84 MICS	84	84	80	80	99*	-	-	-
Hib3	-	-	84	84	80	80	99*	-	-	-
MCV	2005	85 MICS	85	83	83	80	99*	84	52	16
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2005	82 MICS	84	85	81	80	99*	83	50	7
TT2plus	1997	45 DHS	68	71	62	66	97	73	19	3
VitA	-	-	21	-	-	-	-	-	-	-
YFV	-	-	84	82	81	77	99*	74	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			99	99	92	92	91	95	71	-
DTP1			87	88	88	87	91	84	80	27
DTP3			84	84	80	80	80	84	58	7
HepB3			84	84	80	80	80	-	-	-
Hib3			84	84	80	80	80	-	-	-
MCV			85	83	83	80	83	84	61	16
PAB			87	85	85	82	91	76	35	3
Pol3			84	85	81	80	79	83	57	7

Number of districts in the country	138	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	51
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	28
			From 50 to 79%	22
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule		Vaccine	Schedule
BCG			birth:
DTwPHibHep			6, 10, 14 weeks:
Measles			9 months:
OPV			6, 10, 14 weeks:
TT			1st contact pregnancy: +1, +6 months; +1, +1 year:
VitaminaA			6 months:
YF			9 months:

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Greece



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	19'840	GDP per capita (US\$) <sup>1</sup>	23381
Infant (under 12 months) mortality rate	<sup>2</sup> §	7	Child (under 5 years) mortality rate	<sup>2</sup> §	8

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	11'123	11'100	11'079	11'060	11'038	10'975	10'161	9'643
Live births	103	104	104	104	104	104	104	142
Surviving infants	103	103	103	103	103	103	103	139
Pop. less than 5 years	513	513	514	517	520	524	552	718
Pop. less than 15 years	1'575	1'583	1'595	1'610	1'628	1'668	1'956	2'200
Female 15-49 years	2'691	2'705	2'719	2'730	2'739	2'744	2'427	2'331

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	-	-	0	0	0	0	0
Measles	-	122	1	-	5	56	245	13'464	-
Mumps	-	33	3	-	156	32	-	-	-
Pertussis	-	24	23	-	16	13	752	3'083	-
Polio	0	0	0	0	0	0	-	0	-
Rubella	-	16	2	-	14	12	-	-	-
Rubella (CRS)	-	0	-	-	0	1	-	-	-
Tetanus (neonatal)	-	-	-	-	0	0	0	0	0
Tetanus (total)	-	7	5	-	3	16	16	15	15
Yellow fever	-	0	-	-	0	0	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
Antigen	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	-	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	-	-	-	-	-	54	-	72	-
HepB3	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	-	-	-	-	-	-	-	76	-	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	-	-	-	-	-	-	-	96	-	90	-
TT2plus	-	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		88	88	88	88	88	88	88	86	95
DTP1		96	96	96	96	96	96	96	77	89
DTP3		88	88	88	88	88	88	88	54	72
HepB3		88	88	88	88	88	88	88	-	-
Hib3		88	88	88	88	88	88	88	-	-
MCV		88	88	88	88	88	88	88	76	-
Pol3		87	87	87	87	87	87	87	96	90

Number of districts in the country	54	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule	
Vaccine	Schedule
BCG	6 years:
DTwP	2, 4, 6, 18 months: 4-6 years:
HepB	0-2, 2-4, 6-18 months:
Hib	2, 4, 6, 12-15 months:
IPV	2, 4, 18 months: 4-6 years:
MMR	15 months: 4-6 years:
OPV	2, 4, 6, 18 months: 4-6 years:
Td	14-16, >18 years:

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Grenada



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	2 §	35	Child (under 5 years) mortality rate	2 §	43

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	106	105	105	104	102	100	96	89
Live births	2	2	2	2	2	2	3	3
Surviving infants	2	2	2	2	2	2	3	3
Pop. less than 5 years	10	11	11	11	10	10	15	12
Pop. less than 15 years	35	36	36	36	36	35	37	36
Female 15–49 years	27	27	26	26	26	25	21	20

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	1
Measles	0	0	0	0	0	0	6	53	
Mumps	0	0	0	0	0	–	–	–	
Pertussis	0	0	0	0	0	1	0	6	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	0	0	0	–	–	–	
Rubella (CRS)	0	0	0	0	–	–	–	–	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	0	0	0	0	0	0	0	3	
Yellow fever	0	0	0	0	0	0	–	–	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	–	–	–	–	–	–	–	–	–
DTP1	–	87	93	87	94	94	99*	–	–
DTP3	–	91	99*	83	98	98	97	80	25
HepB3	–	91	99*	83	98	98	–	–	–
Hib3	–	91	99*	83	97	98	33	–	–
MCV	–	98	99*	75	99	96	92	85	–
MCV2	–	87	81	61	–	74	–	–	–
Pol3	–	91	99*	84	98	98	97	69	32
TT2plus	–	–	–	–	–	44	–	–	–
VitA	–	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	–	–	–	–	–	–	–	–	–
DTP1	87	93	87	98	98	99	93	50	
DTP3	91	99	83	97	98	97	80	25	
HepB3	91	99	83	97	98	–	–	–	
Hib3	91	99	83	97	98	33	–	–	
MCV	98	99	74	99	96	92	85	–	
Pol3	91	99	84	98	98	97	69	32	

Number of districts in the country	7	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	29
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	71
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
DT	4 years:		
DTwP	18 months:		
DTwPHibHep	6–8, 16–20, 24–28 weeks:		
HepB	(Health care workers, at risk persons)		
Influenza	(At risk groups from Feb 2007)		
MMR	12, 18 months:		
OPV	5–8, 16–20, 24–28 weeks; 18 months; 4 years:		
Td	(Older children, pregnant women, adult)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Guatemala



Development status	Developing	GNI per capita (US\$)	1	2' 400	GDP per capita (US\$)	1	4568
Infant (under 12 months) mortality rate	2 §	33		Child (under 5 years) mortality rate	2 §		42

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	13'029	12'710	12'397	12'090	11'793	11'229	8'908	7'013
Live births	445	440	436	431	425	413	350	303
Surviving infants	430	425	420	414	408	395	329	277
Pop. less than 5 years	2'066	2'036	2'004	1'969	1'933	1'863	1'520	1'265
Pop. less than 15 years	5'586	5'484	5'378	5'268	5'158	4'947	4'043	3'183
Female 15-49 years	3'131	3'037	2'948	2'863	2'781	2'626	1'956	1'548

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	0	0	0	0	2	9
Measles	0	0	0	0	0	0	8'802	2'703	
Mumps	-	1'807	2'164	973	530	-	-	-	
Pertussis	-	0	3	350	88	146	130	1'513	
Polio	0	0	0	0	0	0	3	287	
Rubella	-	4	36	4	19	276	-	-	
Rubella (CRS)	-	1	2	3	36	-	-	-	
Tetanus (neonatal)	-	0	1	1	3	7	60	0	
Tetanus (total)	-	6	4	6	6	11	41	60	
Yellow fever	-	0	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey</i>		<i>Official country estimates</i>								
	Year	Result									
BCG	2001	92	96	96	98	97	96	97	62	36	
DTP1	2001	93	95	99*	98	96	93	94	-	-	
DTP3	2001	77	91	92	95	94	94	95	66	43	
HepB3	-	-	91	38	-	-	-	-	-	-	
Hib3	-	-	91	38	-	-	-	-	-	-	
MCV	2001	75	95	94	95	94	92	88	68	23	
MCV2	-	-	-	-	-	-	-	59	-	-	
Pol3	2001	78	92	92	95	94	94	95	74	43	
TT2plus	2001	49	9	92	-	-	78	22	27	1	
VitA	-	-	74	64	52	-	36	49	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i>										
	Year	Result									
BCG			96	96	98	97	96	97	62	36	
DTP1			93	93	94	94	94	95	86	68	
DTP3			80	81	84	83	84	85	66	43	
HepB3			80	27	-	-	-	-	-	-	
Hib3			80	27	-	-	-	-	-	-	
MCV			95	94	95	94	92	88	68	23	
PAB			79	76	72	67	62	41	52	1	
Pol3			81	81	84	83	84	85	74	43	

Number of districts in the country	331	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	64
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	25
			From 50 to 79%	11
			Lesser than 50%	1
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	18 months; 4 years:		
DTwPHibHep	2, 4, 6 months:		
MMR	12 months:		
MR	9-39 years:		
OPV	2, 4, 6, 18 months; 4 years:		
Td	1st contact: (Women from 15 to 49 years)		
Vitamina	6,12,18,24,30,36 months		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Guinea



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	420	GDP per capita (US\$) <sup>1</sup>	2316
Infant (under 12 months) mortality rate	2 §	106	Child (under 5 years) mortality rate	2 §	162

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	9'181	9'003	8'833	8'671	8'514	8'203	6'033	4'575
Live births	374	370	367	363	360	351	286	224
Surviving infants	334	330	326	322	318	310	245	186
Pop. less than 5 years	1'544	1'522	1'500	1'479	1'457	1'414	1'089	815
Pop. less than 15 years	3'971	3'906	3'844	3'784	3'725	3'608	2'678	1'991
Female 15-49 years	2'089	2'045	2'003	1'964	1'925	1'849	1'355	1'038

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	36	8	134	114	0	37	0	
Measles	4	99	10	2'497	2'151	11'294	12'756	8'552	
Mumps	0	-	-	-	-	-	-	-	
Pertussis	38	15	52	108	81	247	412	2'315	
Polio	0	0	7	0	0	0	155	32	
Rubella	26	-	9	28	-	-	-	-	
Rubella (CRS)	0	-	-	-	-	-	-	-	
Tetanus (neonatal)	58	99	178	238	362	245	53	-	
Tetanus (total)	161	166	-	-	518	158	524	482	
Yellow fever	6	215	6	51	39	445	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>									
	Year	Result	2004		2005		2006		2007		2008	
BCG	2004	79 DHS	90	90	71	79	71	71	71	50	-	-
DTP1	2004	77 DHS	99	90	75	77	65	67	67	-	-	-
DTP3	2004	51 DHS	89	86	69	69	58	57	20	-	-	-
HepB3	-	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-	-
MCV	2004	50 DHS	90	82	73	75	61	59	25	-	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-	-
Pol3	2004	50 DHS	88	88	68	71	58	57	20	-	-	-
TT2plus	2002	74 MICS	84	75	77	58	53	43	21	-	-	-
VitA	-	-	99*	-	-	-	-	-	-	-	-	-
YFV	-	-	90	85	66	47	17	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>									
	<i>WHO-UNICEF estimates <sup>5</sup></i>		2004		2005		2006		2007		2008	
	BCG	90	90	79	80	80	81	50	-	-	-	-
DTP1	99	90	77	73	69	61	40	-	-	-	-	-
DTP3	71	68	51	49	46	45	17	-	-	-	-	-
HepB3	-	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-	-
MCV	67	59	50	48	46	42	35	-	-	-	-	-
PAB	91	88	85	82	73	66	27	0	-	-	-	-
Pol3	70	70	50	49	47	44	18	-	-	-	-	-

Number of districts in the country	38	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	42
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	26
			From 50 to 79%	32
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6, 12 months;
DTwP	6,10,14 weeks	YF	9 months;
DTwPHibHep	(From November 2007)		
HepB	6,10,14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	pregnant women 1st contact: +1, +6 months; +1 year; (women 15-45 years)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Guinea-Bissau



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	180	GDP per capita (US\$) <sup>1</sup>	827
Infant (under 12 months) mortality rate	2 §	115	Child (under 5 years) mortality rate	2 §	200

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'646	1'597	1'549	1'502	1'456	1'370	1'017	793
Live births	82	80	77	75	73	69	51	38
Surviving infants	73	70	68	66	64	60	43	32
Pop. less than 5 years	322	312	302	293	283	266	190	144
Pop. less than 15 years	783	758	733	708	684	640	459	349
Female 15-49 years	360	349	340	330	320	303	226	176

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	-	-	-	-	0	0	0
Measles	0	0	3'526	1'158	298	-	259	1'332	-
Mumps	0	-	-	-	-	-	-	-	-
Pertussis	15	-	2	16	4	-	1'512	1'250	-
Polio	0	0	0	0	0	0	2	3	-
Rubella	0	-	-	-	-	-	-	-	-
Rubella (CRS)	0	-	-	-	-	-	-	-	-
Tetanus (neonatal)	4	10	11	28	6	-	45	-	-
Tetanus (total)	14	-	19	9	24	-	31	221	-
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	74 MICS	87	80	80	84	70	-	90	-	-
DTP1	1999	69 MICS	85	86	86	82	89	-	-	-	-
DTP3	1999	38 MICS	77	80	80	77	50	-	61	-	-
HepB3	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	1999	70 MICS	60	80	80	61	47	-	53	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	1999	42 MICS	74	80	80	75	50	-	60	-	-
TT2plus	1999	64 MICS	60	40	40	38	80	-	31	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			87	80	80	84	70	72	90	-	-
DTP1			85	86	86	82	72	67	82	-	-
DTP3			77	80	80	77	50	42	61	-	-
HepB3			-	-	-	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			60	80	80	61	47	59	53	-	-
PAB			69	65	64	62	62	49	40	0	-
Pol3			74	80	80	75	50	47	60	-	-

Number of districts in the country	11	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	18
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	27
			From 50 to 79%	45
			Lesser than 50%	9
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule		Vaccine	Schedule
BCG		birth:	
DTwP		6, 10, 14 weeks:	
DTwPHibHep		6,10,14 weeks (From September 2007)	
Measles		9 months:	
OPV		6, 10, 14 weeks:	
TT		1st contact: +1, +6 months: +1, +1 year:	
YF		9 months: (From July 2007)	

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Guyana



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'020	GDP per capita (US\$) <sup>1</sup>	4508
Infant (under 12 months) mortality rate	2 §	45	Child (under 5 years) mortality rate	2 §	60

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	739	739	739	738	736	734	731	761
Live births	13	14	15	15	16	17	18	23
Surviving infants	13	13	14	15	15	16	17	22
Pop. less than 5 years	73	76	77	79	79	80	84	105
Pop. less than 15 years	230	230	229	228	226	226	268	312
Female 15-49 years	186	192	197	202	207	214	197	185

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	1
Measles	0	0	0	0	0	0	1	464	
Mumps	0	0	0	0	-	0	-	-	
Pertussis	0	0	0	0	2	0	1	80	
Polio	0	0	0	0	0	0	-	0	
Rubella	0	0	0	0	-	0	-	-	
Rubella (CRS)	0	0	0	0	-	0	-	-	
Tetanus (neonatal)	0	0	0	0	-	0	0	0	
Tetanus (total)	0	0	0	0	0	0	0	20	
Yellow fever	0	0	0	0	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	98 MICS	96	96	94	95	91	93	85	68	
DTP1	1999	96 MICS	95	93	90	93	-	97	-	-	
DTP3	1999	89 MICS	93	93	91	90	91	88	82	36	
HepB3	-	-	93	93	91	90	-	-	-	-	
Hib3	-	-	93	93	91	91	91	-	-	-	
MCV	1999	92 MICS	90	92	88	89	93	86	73	-	
MCV2	-	-	74	72	63	-	-	-	-	-	
Pol3	1999	88 MICS	92	93	91	91	93	79	79	42	
TT2plus	1999	61 MICS	98	97	96	-	-	81	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	90	91	89	-	-	83	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	96	96	94	95	91	93	85	68			
DTP1	95	93	90	93	97	97	94	60			
DTP3	93	93	91	90	91	88	83	35			
HepB3	93	93	91	90	91	-	-	-			
Hib3	93	93	91	90	91	-	-	-			
MCV	90	92	88	89	93	86	73	-			
PAB	91	91	85	84	83	82	56	0			
Pol3	92	93	91	91	93	79	79	42			

Number of districts in the country	13	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	69
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	23
			From 50 to 79%	8
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Pneumo_conj	2,4,6 months: (immuno-suppressed, From June 2007)
DTwP	18, 45 months;	Td	(adults, pregnant women)
DTwPHibHep	2, 4, 6 months;	YF	12 months;
HepB	(High risk groups)		
IPV	2, 4, 6, 18, 45 months: (immuno-suppressed)		
MMR	12, 45 months;		
OPV	2, 4, 6, 18, 45 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Haiti



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	450	GDP per capita (US\$) <sup>1</sup>	1663
Infant (under 12 months) mortality rate	2 §	50	Child (under 5 years) mortality rate	2 §	74

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	9'446	9'296	9'149	9'005	8'861	8'573	7'110	5'691
Live births	269	268	267	267	267	267	265	239
Surviving infants	255	254	253	252	251	250	241	209
Pop. less than 5 years	1'244	1'239	1'237	1'235	1'234	1'229	1'162	914
Pop. less than 15 years	3'546	3'528	3'513	3'498	3'484	3'455	3'068	2'339
Female 15-49 years	2'420	2'368	2'316	2'264	2'211	2'103	1'644	1'369

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	12	204	37	2	6	0	0	23	
Measles	0	0	0	0	0	992	1'414	507	
Mumps	-	594	-	-	-	-	-	-	
Pertussis	-	496	44	5	2	14	913	812	
Polio	0	0	0	0	0	1	0	20	
Rubella	11	0	3	2	1	-	-	-	
Rubella (CRS)	0	0	-	-	-	-	-	-	
Tetanus (neonatal)	39	71	33	4	27	58	143	0	
Tetanus (total)	40	119	33	4	43	-	0	381	
Yellow fever	-	-	-	-	0	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	71 DHS	59	62	43	56	45	57	72	26	
DTP1	1999	76 DHS	90	57	47	-	-	-	-	-	
DTP3	1999	43 DHS	80	68	62	50	39	59	41	3	
HepB3	-	-	-	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	1999	54 DHS	66	59	57	53	34	80	31	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	1999	43 DHS	75	65	61	48	41	58	40	8	
TT2plus	1999	52 DHS	13	19	33	-	26	-	-	16	
VitA	-	-	71	66	-	-	28	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	75	75	74	74	73	72	72	-	-	-	
DTP1	83	83	82	81	80	77	66	21	-	-	
DTP3	53	53	51	50	48	45	41	3	-	-	
HepB3	-	-	-	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	58	58	57	57	56	55	31	-	-	-	
PAB	31	38	48	42	42	41	39	14	-	-	
Pol3	52	52	51	49	48	45	40	8	-	-	

Number of districts in the country	133	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	6
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	6
			From 50 to 79%	23
			Lesser than 50%	27
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14, 66 weeks:		
Measles	9 months:		
OPV	<15 days, 6, 10, 14, 66 weeks: +		
Td	180, 181, 193, 205, 217 months:		
Vitamina	6,10,14 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Honduras



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1' 120	GDP per capita (US\$) <sup>1</sup>	3430
Infant (under 12 months) mortality rate	2 §	29	Child (under 5 years) mortality rate	2 §	43

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	6'969	6'834	6'702	6'573	6'446	6'196	4'891	3'633
Live births	199	198	198	197	197	197	188	158
Surviving infants	193	192	192	191	191	190	179	147
Pop. less than 5 years	943	940	939	938	938	938	843	672
Pop. less than 15 years	2'747	2'734	2'719	2'701	2'681	2'634	2'223	1'707
Female 15-49 years	1'754	1'707	1'661	1'616	1'573	1'490	1'104	785

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	2
Measles	0	0	0	0	0	0	8'360	4'188	
Mumps	456	408	554	599	909	853	-	-	
Pertussis	138	134	104	93	71	169	65	2'503	
Polio	0	0	0	0	0	0	0	3	
Rubella	0	0	1	1	5	201	-	-	
Rubella (CRS)	0	0	0	0	1	5	-	-	
Tetanus (neonatal)	0	0	1	4	2	0	39	0	
Tetanus (total)	18	19	14	27	19	9	62	31	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2005	98 DHS	90	91	93	91	94	99	70	25	
DTP1	2005	99 DHS	85	88	88	87	91	98	-	-	
DTP3	2005	93 DHS	87	91	89	92	95	95	84	28	
HepB3	-	-	87	91	89	92	95	95	-	-	
Hib3	-	-	87	91	89	92	95	95	-	-	
MCV	2005	85 DHS	91	92	90	95	97	98	90	31	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2005	88 DHS	87	91	90	92	95	88	87	31	
TT2plus	2000	16 DHS	99*	90	-	-	-	99*	49	8	
VitA	-	-	74	76	83	-	83	84	-	-	
YFV	-	-	98	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			90	91	93	91	94	99	70	25	
DTP1			95	97	96	97	98	98	94	53	
DTP3			87	91	89	92	95	95	84	28	
HepB3			87	91	89	92	95	95	-	-	
Hib3			87	91	89	92	95	95	-	-	
MCV			91	92	92	95	97	98	90	31	
PAB			94	90	94	94	94	93	60	7	
Pol3			87	91	90	92	95	88	87	31	

Number of districts in the country	298	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	47
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	31
			From 50 to 79%	21
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	12 months;
DT	4, 6, 18 months; 4.5 years; (<5 years with P contrindication)	MR	8-49 years;
DTwP	18 months; 4-5 years;	OPV	2, 4, 6 months; <5 years;
DTwPHibHep	2, 4, 6 months;	Td	CBAW (12-49 years) x5;
HepB	1st contact, +1M, +6M (high risk groups)	VitaminaA	6, 12, 18, 24, 30, 36 months;
Influenza	>60 years;	YF	>1 year; (international travellers)
IPV	2, 4, 6, months; 4-6 years; (high risk groups)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Hungary



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	10'070	GDP per capita (US\$) <sup>1</sup>	17887
Infant (under 12 months) mortality rate	2 §	7	Child (under 5 years) mortality rate	2 §	8

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	10'058	10'086	10'113	10'139	10'164	10'214	10'365	10'707
Live births	93	94	95	95	96	97	124	154
Surviving infants	93	93	94	95	95	97	122	151
Pop. less than 5 years	475	478	480	483	486	504	616	844
Pop. less than 15 years	1'559	1'589	1'619	1'648	1'676	1'731	2'097	2'348
Female 15-49 years	2'434	2'451	2'473	2'497	2'521	2'566	2'539	2'574

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	1	6	
Measles	1	2	0	0	0	1	29	1'198	
Mumps	30	72	100	108	98	223	-	-	
Pertussis	17	22	31	29	6	1	12	22	
Polio	0	0	0	0	0	0	0	1	
Rubella	22	32	36	47	42	107	-	-	
Rubella (CRS)	0	0	1	0	-	0	-	-	
Tetanus (neonatal)	0	0	0	0	-	0	0	0	
Tetanus (total)	7	3	1	4	5	10	25	48	
Yellow fever	0	0	0	0	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	99*	-	99*	99*	99*	99*	99	99	99
DTP1	-	99*	99*	99*	99*	99*	99*	-	-	-
DTP3	-	99*	99*	99*	99*	99*	99*	99	99	99
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	99*	99*	99*	99*	99*	99*	-	-	-
MCV	-	99*	99*	99*	99*	99*	99*	99	99	99
MCV2	-	-	-	99*	99*	99*	99*	-	-	-
Pol3	-	99*	99*	99*	99*	99*	99*	99	99	98
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		99	99	99	99	99	99	99	99	99
DTP1		99	99	99	99	99	99	99	99	99
DTP3		99	99	99	99	99	99	99	99	99
HepB3		-	-	-	-	-	-	-	-	-
Hib3		99	99	99	99	99	99	-	-	-
MCV		99	99	99	99	99	99	99	99	99
Pol3		99	99	99	99	99	99	99	99	98

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth;		
DT	11 years;		
DTaPHibIPV	2,3,4 months		
DTaPIPV	18 months, 6,8 years;		
HepB	14 years;		
MMR	15 months; 11 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Iceland



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	48 1570	GDP per capita (US\$) <sup>1</sup>	36510
Infant (under 12 months) mortality rate	<sup>2</sup> §	3	Child (under 5 years) mortality rate	<sup>2</sup> §	4

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	298	296	293	290	287	281	255	228
Live births	4	4	4	4	4	4	4	4
Surviving infants	4	4	4	4	4	4	4	4
Pop. less than 5 years	21	21	21	21	21	21	21	21
Pop. less than 15 years	65	65	65	66	66	65	64	63
Female 15-49 years	74	74	73	73	73	72	65	56

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	-	0	0	0	0
Measles	0	0	0	0	-	0	14	13	
Mumps	29	84	0	0	-	0	-	-	
Pertussis	3	6	1	3	-	8	3	41	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	0	0	-	0	-	-	
Rubella (CRS)	0	0	0	0	-	0	-	-	
Tetanus (neonatal)	0	0	0	0	-	0	0	0	
Tetanus (total)	0	0	0	0	-	0	0	0	
Yellow fever	0	0	0	0	-	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	97	95	99	97	-	99	-	-	-
DTP3	-	97	95	99	97	-	98	99	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	97	95	99	97	-	98	-	-	-
MCV	-	95	90	93	93	-	91	99	-	-
MCV2	-	93	90	89	92	-	-	-	-	-
Pol3	-	97	95	99	97	-	95	99	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	97	95	99	97	96	99	99	99	99	
DTP3	97	95	99	97	95	98	99	99	99	
HepB3	-	-	-	-	-	-	-	-	-	
Hib3	97	95	99	97	94	98	-	-	-	
MCV	95	90	93	93	91	91	99	-	-	
Pol3	97	95	99	97	94	95	99	99	99	

Number of districts in the country	1	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
DTaP	5 years:		
DTaPHibIPV	3, 5, 12 months:		
Influenza	>60 years: (and high risk groups)		
IPV	14 years:		
MenC_conj	6, 8 months:		
MMR	18 months: 12 years:		
Td	14 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - India



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	730	GDP per capita (US\$) <sup>1</sup>	3452
Infant (under 12 months) mortality rate	2 §	57	Child (under 5 years) mortality rate	2 §	82

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'151'751	1'134'403	1'116'985	1'099'494	1'081'899	1'046'235	860'195	688'575
Live births	27'195	27'264	27'329	27'393	27'456	27'587	27'333	24'271
Surviving infants	25'640	25'664	25'685	25'705	25'724	25'767	25'111	21'861
Pop. less than 5 years	126'843	126'894	126'955	127'015	127'085	127'292	119'525	102'815
Pop. less than 15 years	374'739	374'144	373'194	371'896	370'255	366'018	325'021	271'203
Female 15-49 years	288'822	283'374	278'015	272'730	267'464	256'690	201'939	158'760

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	2'472	10'231	8'465	3'914	5'301	5'125	8'425	39'231	
Measles	60'751	52'454	51'546	47'147	40'044	38'835	89'612	114'036	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	22'616	13'955	32'786	30'091	33'289	31'431	112'416	320'109	
Polio	676	66	134	225	1'600	265	10'408	18'975	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	600	891	1'087	1'720	1'580	3'287	9'313	-	
Tetanus (total)	2'587	3'543	3'743	3'201	12'197	8'997	23'356	45'948	
Yellow fever	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2005	78 NFHS	99*	99*	95	90	81	99*	99*	8
DTP1	2004	80 CES	-	-	-	-	77	-	-	-
DTP3	2005	55 NFHS	94	90	87	82	70	94	99*	53
HepB3	-	-	72	68	78	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2005	59 NFHS	90	89	86	75	67	89	91	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2005	78 NFHS	94	90	88	82	70	95	99*	42
TT2plus	1999	60 MICS	78	78	73	69	86	80	78	22
VitA	-	-	-	84	79	56	47	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			78	78	77	75	73	70	66	-
DTP1			78	78	80	80	80	79	88	25
DTP3			55	55	57	58	57	56	70	6
HepB3			6	8	6	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			59	59	58	56	55	52	56	-
PAB			86	86	86	87	87	85	81	20
Pol3			58	58	58	58	58	60	66	2

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	{ Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	10, 16 years; (pregnant women: 2 doses of TT for first pregnancy or subsequent pregnancy beyond 3 years)
DT	5 years;		
DTwP	6, 10, 14 weeks; 16-24 months;		
HepB	6, 10, 14 weeks; [Part of country] (birth dose for institutional deliveries only)	VitaminA	9, 18, 24, 30, 36 months;
Measles	9-12 months;		
OPV	birth; 6, 10, 14 weeks; 16-24 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Indonesia



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'280	GDP per capita (US\$) <sup>1</sup>	3843
Infant (under 12 months) mortality rate	2 §	29	Child (under 5 years) mortality rate	2 §	34

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	228'864	226'063	223'225	220'355	217'466	211'693	182'847	151'108
Live births	4'427	4'462	4'488	4'505	4'514	4'514	4'701	5'091
Surviving infants	4'301	4'328	4'346	4'356	4'356	4'338	4'402	4'594
Pop. less than 5 years	21'720	21'754	21'724	21'640	21'530	21'366	22'061	22'211
Pop. less than 15 years	64'136	64'147	64'137	64'115	64'102	64'212	65'490	61'141
Female 15-49 years	63'469	62'645	61'769	60'843	59'867	57'763	46'405	36'266

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	432	499	197	402	51	23	2'200	3'674	
Measles	20'422	15'853	29'171	24'457	14'492	3'344	92'105	28'935	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	3'356	8'897	1'547	4'364	2'113	142	30'014	32'999	
Polio	2	349	0	0	0	35	465	182	
Rubella	105	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	118	132	210	177	64	466	1'427	954	
Tetanus (total)	318	1'907	715	1'759	171	171	7'784	7'231	
Yellow fever	0	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	2002	83 DHS	93	97	78	97	77	87	94	61
DTP1	2002	81 DHS	93	97	81	98	81	87	-	-
DTP3	2002	58 DHS	87	90	76	90	75	77	88	-
HepB3	2001	62	72	78	75	75	67	65	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2002	72 DHS	88	91	78	90	44	73	85	-
MCV2	-	-	29	91	85	92	-	-	-	-
Pol3	2002	66 DHS	84	91	79	90	75	74	89	-
TT2plus	2002	51 DHS	60	77	54	84	70	81	61	7
VitA	-	-	-	-	60	-	34	60	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								
	Year	Result							

BCG	82	82	82	82	82	78	74	61	
DTP1	88	88	88	88	88	91	82	-	
DTP3	70	70	70	70	70	75	60	-	
HepB3	70	70	70	70	70	65	-	-	
Hib3	-	-	-	-	-	-	-	-	
MCV	72	72	72	72	72	72	58	-	
PAB	83	83	83	82	82	82	64	6	
Pol3	70	70	70	70	70	67	60	-	

Number of districts in the country	440	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	45
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	24
			From 50 to 79%	27
			Lesser than 50%	3
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	1 month;	TT	7, 8 years;
DT	6 years: (elementary grade 1)	VitaminA	6-11, 12-59 months;
DTwP	2, 3, 4 months;		
DTwPHep	2, 3, 4 months: [Part of country]		
HepB	birth-2 months: 3, 4 months;		
Jap.Enc.	(From 2008)		
Measles	9 months: 6 years;		
OPV	birth, 1, 2, 3 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Iran (Islamic Republic of)



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'600	GDP per capita (US\$) <sup>1</sup>	7968
Infant (under 12 months) mortality rate	2 §	33	Child (under 5 years) mortality rate	2 §	38

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	70'270	69'421	68'669	68'001	67'383	66'125	56'674	39'330
Live births	1'407	1'370	1'330	1'290	1'254	1'213	1'980	1'810
Surviving infants	1'361	1'323	1'283	1'243	1'207	1'164	1'859	1'639
Pop. less than 5 years	6'270	6'092	5'932	5'799	5'730	5'954	9'467	7'079
Pop. less than 15 years	19'510	19'961	20'493	21'100	21'769	23'226	25'326	17'578
Female 15-49 years	20'326	19'850	19'374	18'895	18'404	17'330	12'431	8'526

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	26	15	6	24	10	18	373	139	
Measles	220	7	3	11'644	9'554	11'874	5'341	31'130	
Mumps	-	-	-	-	-	10'417	-	-	
Pertussis	89	125	98	81	21	94	1'230	20'395	
Polio	0	1	0	0	0	3	15	80	
Rubella	-	-	-	-	-	1'154	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	7	1	-	2	8	13	26	-	
Tetanus (total)	11	8	11	9	16	27	30	86	
Yellow fever	-	-	-	-	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1989	92 EPI	99*	99	99*	99*	97	99	95	7
DTP1	1989	EPI	99*	97	99*	99*	99	99*	-	-
DTP3	1989	88 EPI	99*	95	98	99	99	99*	91	32
HepB3	-	-	99*	94	95	98	99	99*	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1996	96 MICS	99*	94	96	99	99*	99*	85	39
MCV2	-	-	98	92	99*	96	96	99*	-	-
Pol3	1989	88 EPI	99*	95	98	99	99*	99*	90	38
TT2plus	1996	90 MICS	26	25	31	76	35	46	63	1
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			99	99	99	99	97	99	95	7
DTP1			99	97	99	99	99	99	97	57
DTP3			99	95	98	99	99	99*	91	32
HepB3			99	94	95	98	99	99	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			99	94	96	99	99	99	85	39
PAB			87	87	79	78	78	76	57	0
Pol3			99	95	98	99	99	99	90	38

Number of districts in the country	342	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	2, 4, 6, 18 months: 4-6 years:		
HepB	birth: 2, 4, 6 months: (also specified high risk group)		
MenAC	(military)		
MMR	12 months: 4-6 years:		
OPV	birth: 2, 4, 6, 18 months: 4-6 years:		
Td	(repeated every 10 years - military and pregnant women)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Iraq



Development status	Developing	GNI per capita (US\$)	1	-	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	2 §	87			Child (under 5 years) mortality rate	2 §	113

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	28'506	27'996	27'456	26'892	26'301	25'052	18'515	14'093
Live births	937	940	942	943	941	929	734	578
Surviving infants	856	855	855	854	851	838	691	541
Pop. less than 5 years	4'223	4'218	4'200	4'170	4'129	4'016	3'210	2'560
Pop. less than 15 years	11'741	11'606	11'456	11'290	11'108	10'691	8'259	6'638
Female 15-49 years	6'934	6'785	6'628	6'465	6'296	5'943	4'187	2'984

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	6	6	17	-	-	34	10	1'122	
Measles	474	908	9'081	-	-	726	3'045	26'542	
Mumps	1'865	3'243	15'256	-	-	18'720	-	-	
Pertussis	3'128	1'050	78'249	-	-	407	122	16'687	
Polio	0	0	0	0	0	4	56	997	
Rubella	72	99	383	-	-	1'612	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	9	18	16	-	-	37	152	891	
Tetanus (total)	9	21	17	-	-	-	-	1'045	
Yellow fever	-	0	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey</i>		<i>Official country estimates</i>						
	Year	Result							

BCG	2005	91 MICS	90	95	94	66	72	79	95	76
DTP1	2005	83 MICS	88	97	86	70	82	92	91	-
DTP3	2005	60 MICS	76	84	74	59	74	86	83	13
HepB3	-	-	75	82	81	56	74	67	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2005	60 MICS	78	85	93	68	80	93	83	35
MCV2	-	-	68	74	65	-	-	0	-	-
Pol3	2005	63 MICS	76	83	80	58	82	86	83	16
TT2plus	1999	67 MICS	99*	99*	99*	-	-	55	63	4
VitA	-	-	-	15	19	-	-	49	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i>									

BCG	91	91	91	92	92	93	96	76
DTP1	83	83	85	86	88	91	93	36
DTP3	60	60	64	67	71	78	83	14
HepB3	75	81	81	56	74	67	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	60	60	65	70	75	85	75	9
PAB	89	89	88	88	87	75	70	4
Pol3	63	63	67	71	75	83	83	16

Number of districts in the country	116	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	28
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	20
			From 50 to 79%	41
			Lesser than 50%	10
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	MenACWY	[Part of country](Pilligams)
DT	<6 years: (Pertussis Allergy)	MMR	15 months:
DTwP	2, 4, 6, 18 months: 4-6 years:	OPV	birth: 2, 4, 6 months:
HepA	[Part of country](Risky adult,Children)	Pneumo_ps	[Part of country](risky)
HepB	birth: 2, 6 months:	Td	6-12 years: +1 month: (Pertussis Allergy& defaulters)
IPV	[Part of country]	TT	1st visit or M4; +1, +6 months: +1, +1 year: (PW and CBAW)
Measles	9 months:	Typhoid	( risky)
MenAC	[Part of country](risky)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Ireland



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	41'140	GDP per capita (US\$) <sup>1</sup>	38505
Infant (under 12 months) mortality rate	<sup>2</sup> §	5	Child (under 5 years) mortality rate	<sup>2</sup> §	6

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'221	4'143	4'068	3'995	3'926	3'804	3'515	3'401
Live births	66	64	63	61	59	56	52	73
Surviving infants	65	64	62	61	59	56	52	72
Pop. less than 5 years	315	306	298	289	280	266	283	347
Pop. less than 15 years	875	859	846	835	828	824	961	1'041
Female 15-49 years	1'100	1'084	1'066	1'049	1'031	997	848	758

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	0	0	0
Measles	87	95	334	584	243	-	556	1'106	-
Mumps	426	1'012	389	39	33	-	-	-	-
Pertussis	62	84	90	40	131	-	803	547	-
Polio	0	0	0	0	0	0	0	1	-
Rubella	14	17	49	58	31	-	-	-	-
Rubella (CRS)	0	0	1	-	-	-	-	-	-
Tetanus (neonatal)	0	0	0	0	0	-	0	-	-
Tetanus (total)	0	0	1	0	0	-	0	0	0
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
Vaccine	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	-		93	93	91	-	-	-	-	-	-
DTP1	-		-	-	-	-	-	-	-	-	-
DTP3	-		91	90	89	86	83	86	65	34	-
HepB3	-		-	-	-	-	-	-	-	-	-
Hib3	-		91	90	89	86	83	85	-	-	-
MCV	-		86	84	81	78	73	79	-	-	-
MCV2	-		-	-	-	-	-	-	-	-	-
Pol3	-		91	90	89	86	83	86	81	72	-
TT2plus	-		-	-	-	-	-	-	-	-	-
VitA	-		-	-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>									
Vaccine			<i>WHO-UNICEF estimates <sup>5</sup></i>								
	Year	Result									
BCG			93	93	91	90	90	90	84	-	-
DTP1			97	96	96	95	95	95	85	59	-
DTP3			91	90	89	86	83	86	65	34	-
HepB3			-	-	-	-	-	-	-	-	-
Hib3			91	90	89	86	83	85	-	-	-
MCV			86	84	81	78	73	79	78	-	-
Pol3			91	90	89	86	83	86	81	72	-

Number of districts in the country	8	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	88
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		13

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth-1 month: [Part of country]	MMR	12-15 months; 4-5 years: (also recommended for rubella non-immune women identified through routine screening antenatally (and vaccinated postnatally), for Health care workers born after 1978 who are non-immune or who do not have evidence of two doses of MMR)
DTaPHibIPV	2, 4, 6 months:		
DTaPIPv	4-5 years:		
HepB	+0, +1, +6 months: (At risk)		
HIB	12-15 months:	Pneumo_conj	2, 4, 6 months: (At risk)
Influenza	(At risk)	Pneumo_ps	>65 years:
MenC_conj	2, 4, 6 months:	Td	11-14 years:

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Israel



Development status	Developing	GNI per capita (US\$)	1	18'580	GDP per capita (US\$)	1	25864
Infant (under 12 months) mortality rate	2 §	5		Child (under 5 years) mortality rate	2 §		6

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	6'810	6'692	6'574	6'455	6'335	6'084	4'514	3'764
Live births	137	137	136	135	134	130	101	93
Surviving infants	137	136	136	135	133	129	100	92
Pop. less than 5 years	679	673	666	658	647	621	488	455
Pop. less than 15 years	1'898	1'868	1'839	1'810	1'780	1'721	1'413	1'249
Female 15-49 years	1'637	1'618	1'598	1'578	1'558	1'513	1'101	878

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	0	0	0	0	1	0	0	0
Measles	9	2	116	124	2	36	230	215
Mumps	7	109	34	-	7	48	-	-
Pertussis	1'495	357	1'653	970	550	452	155	19
Polio	0	0	0	0	0	0	0	11
Rubella	4	23	11	7	1	54	-	-
Rubella (CRS)	0	0	0	0	0	1	-	-
Tetanus (neonatal)	0	0	0	0	0	0	0	0
Tetanus (total)	1	0	0	0	2	1	0	2
Yellow fever	0	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey</i>		<i>Official country estimates</i>					
	Year	Result						

BCG	-	-	-	-	-	-	-	75
DTP1	-	-	-	98	98	97	97	94
DTP3	-	96	96	96	95	97	96	84
HepB3	-	98	98	98	95	98	97	-
Hib3	-	96	96	98	96	93	94	-
MCV	-	96	96	96	95	98	97	81
MCV2	-	97	97	-	-	-	-	-
Pol3	-	96	96	92	93	93	92	85
TT2plus	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>							
	<i>WHO-UNICEF estimates</i>							
	Year	Result						

BCG	-	-	-	-	-	-	-	75
DTP1	98	98	98	98	98	97	97	94
DTP3	95	95	95	95	97	96	93	84
HepB3	95	95	95	95	98	97	-	-
Hib3	96	96	96	96	93	94	-	-
MCV	95	95	95	95	98	97	91	81
Pol3	93	93	93	93	93	92	93	85

Number of districts in the country	15	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Vaccine	Schedule	Vaccine	Schedule
DT	2, 4, 12 months: (if Pertussis contraindicated)	IPV	(Travellers, health care workers)
DTaPHibIPV	2, 4, 6, 12 months:	Jap.Enc.	+0, +7, +30 days: (travellers)
DTaPIPv	7 years:	MenACWY	(Risk groups, travellers)
HepA	18, 24 months: (travellers)	MMR	12 months; 6 years: (health care workers, travellers)
HepB	birth; 1, 6 months: (Travellers, risk groups health care workers)	Pneumo_conj	(Risk groups)
Hib	(risk groups)	Pneumo_ps	>65 years: (risk groups)
Influenza		TBE	(travellers (x3 doses))
		Td	13 years:

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immune profile - Italy



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	30'250	GDP per capita (US\$) <sup>1</sup>	28529
Infant (under 12 months) mortality rate	2 §	5	Child (under 5 years) mortality rate	2 §	6

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	58'779	58'646	58'475	58'271	58'055	57'692	56'719	56'434
Live births	544	546	546	544	542	536	555	659
Surviving infants	541	543	543	542	539	533	550	649
Pop. less than 5 years	2'729	2'719	2'703	2'684	2'664	2'649	2'746	3'617
Pop. less than 15 years	8'196	8'201	8'202	8'203	8'206	8'246	9'000	12'570
Female 15-49 years	13'784	13'833	13'867	13'890	13'910	13'990	14'292	13'646

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	2	30	
Measles	439	135	599	10'982	9'385	1'457	5'223	27'452	
Mumps	1'208	1'536	2'058	2'942	5'077	37'669	-	-	
Pertussis	545	403	763	840	1'953	2'543	16'992	16'643	
Polio	0	0	0	0	0	0	0	1	
Rubella	208	171	363	1'424	5'830	2'605	-	-	
Rubella (CRS)	-	-	-	-	-	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	-	0	-	70	67	98	123	176	
Yellow fever	0	0	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>									
	Year	Result										
BCG	1997	EPI	-	-	-	-	-	-	-	-	-	-
DTP1	1997	EPI	-	97	97	97	97	97	95	-	-	-
DTP3	1997	95 EPI	96	96	94	96	93	90	83	-	-	-
HepB3	1997	95 EPI	96	96	96	95	95	94	95	-	-	-
Hib3	-	-	95	95	94	90	83	55	-	-	-	-
MCV	1997	56 EPI	87	87	84	83	77	-	43	-	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-	-
Pol3	1997	95 EPI	96	97	97	97	96	97	98	-	-	-
TT2plus	1997	EPI	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>									
			<i>WHO-UNICEF estimates <sup>5</sup></i>									
BCG	-	-	-	-	-	-	-	-	-	-	-	-
DTP1	97	97	97	97	97	95	94	-	-	-	-	-
DTP3	96	96	94	96	93	90	83	-	-	-	-	-
HepB3	96	96	96	95	95	94	95	-	-	-	-	-
Hib3	95	95	94	90	83	55	-	-	-	-	-	-
MCV	87	87	84	83	80	73	43	-	-	-	-	-
Pol3	97	97	97	97	96	97	98	-	-	-	-	-

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	{ Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage	100		

Immune schedule			
Vaccine	Schedule	Vaccine	Schedule
aP	3, 5, 11-12 months;	Influenza	(recommended for high risk groups)
BCG	(<5 years old living with a contagious person, health care workers)	IPV	3, 5, 11-12 months; 5-6 years;
Dip	3, 5, 11-12 months; 5-6, 11-15 years;	MenC_conj	3, 5, 11-12 months; (high risk children; <1 year, other high risk groups)
HepA	x2 doses (2nd dose 30 days after); (recommended for travellers)	MMR	12-15 months, 5-12 years;
HepB	3, 5, 11-12 months; (recommended for high risk groups)	MR	12-15 months, 5-12 years;
Hib	3, 5, 11-12 months;	Pneumo_conj	3, 5, 11-12 months; (recommended high risk children, <1 year)

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Jamaica



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	3'390	GDP per capita (US\$) <sup>1</sup>	4291
Infant (under 12 months) mortality rate	2 §	14	Child (under 5 years) mortality rate	2 §	18

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2'699	2'682	2'665	2'647	2'628	2'589	2'369	2'133
Live births	55	56	56	57	57	58	60	59
Surviving infants	54	55	56	56	56	57	59	57
Pop. less than 5 years	277	279	281	282	283	285	281	283
Pop. less than 15 years	845	850	854	856	856	855	833	858
Female 15-49 years	716	710	704	696	689	674	597	484

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	3	13
Measles	0	0	0	0	0	0	3'651	36	
Mumps	2	3	1	4	11	10	-	-	
Pertussis	1	8	5	5	2	23	3	16	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	0	0	0	1	-	-	
Rubella (CRS)	0	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	9	12	11	2	5	5	6	10	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	90	95	90	88	90	93	98	38
DTP1	-	86	91	88	91	86	87	-	-
DTP3	-	85	88	81	81	86	86	86	24
HepB3	-	87	87	81	16	-	-	-	-
Hib3	-	87	89	82	19	7	-	-	-
MCV	-	87	84	86	79	86	88	74	-
MCV2	-	44	11	95	-	-	-	-	-
Pol3	-	86	83	81	81	86	86	87	34
TT2plus	-	46	67	85	-	72	55	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	90	95	90	88	90	93	98	38
DTP1	86	91	88	91	86	87	95	48
DTP3	85	88	81	81	86	86	86	24
HepB3	87	87	81	19	-	-	-	-
Hib3	87	89	82	19	-	-	-	-
MCV	87	84	86	79	86	88	74	-
PAB	72	71	59	52	71	51	0	0
Pol3	86	83	81	81	86	86	87	34

Number of districts in the country	13	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	23
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	46
			From 50 to 79%	31
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth: (or 6 weeks)	MMR	12-23 months; 4-6 years:
DT	6 weeks; 3, 5, 18 months; 4-6 years:	OPV	6 weeks; 3, 5, 18 months; 4-6 years:
DTwP	6 weeks; 3, 5, 18 months; 4-6 years:	Td	1st contact/pregnancy: +1, +6 months; +1, +1, +1 year: (Pregnant women and other adults in need)
DTwPHibHep	6 weeks; 3, 5-6 months:	YF	>1 year; +10 years: [Part of country] (travellers to endemic countries)
HepB	6 weeks; 3, 6 months:		
Hib	6 weeks; 3, 5-6 months:		
Influenza	[Part of country](HCW)		
IPV	6 weeks; 3, 5, 18 months; 4-6 years:		

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Japan



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	38'950	GDP per capita (US\$) <sup>1</sup>	31267
Infant (under 12 months) mortality rate	<sup>2</sup> §	3	Child (under 5 years) mortality rate	<sup>2</sup> §	4

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	127'953	127'897	127'798	127'659	127'483	127'034	123'537	116'807
Live births	1'087	1'104	1'120	1'137	1'153	1'183	1'228	1'637
Surviving infants	1'084	1'101	1'117	1'133	1'149	1'179	1'222	1'625
Pop. less than 5 years	5'622	5'700	5'784	5'873	5'957	6'055	6'561	8'593
Pop. less than 15 years	17'631	17'758	17'897	18'050	18'217	18'598	22'730	27'513
Female 15-49 years	28'007	28'199	28'404	28'621	28'858	29'414	31'436	30'624

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	0	0	0	1	5	66	
Measles	-	-	8'752	8'286	33'812	22'497	3'259	13'219	
Mumps	-	-	84'672	84'672	254'711	132'659	-	-	
Pertussis	-	-	1'534	1'534	11'740	3'787	583	5'033	
Polio	0	0	0	0	0	0	0	4	
Rubella	-	-	2'794	2'794	2'561	3'120	-	-	
Rubella (CRS)	-	-	1	1	1	1	-	-	
Tetanus (neonatal)	-	-	-	-	0	0	0	-	
Tetanus (total)	-	-	69	69	80	90	47	50	
Yellow fever	-	-	-	0	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	-	-	-	96	96	96	85	-	
DTP1	-	-	-	99*	99*	99*	99*	-	-	
DTP3	-	-	-	99*	97	97	85	87	60	
HepB3	-	-	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	
MCV	-	-	-	99*	99*	99*	96	66	69	
MCV2	-	-	-	-	-	-	-	-	-	
Pol3	-	-	-	97	97	99*	99	90	-	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>									
	Year	Result								
BCG	-	-	-	-	-	-	85	-	-	
DTP1	99	99	99	99	98	99	96	82		
DTP3	99	99	99	97	96	85	90	60		
HepB3	-	-	-	-	-	-	-	-		
Hib3	-	-	-	-	-	-	-	-		
MCV	99	99	99	99	99	96	73	69		
Pol3	97	97	97	97	89	99	90	-		

Number of districts in the country	3099	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected	100		
		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	<6 months;	Rubella	12-90 months;
DT	11-12 years;		
DTaP	3-90, 6-90, 9-90, 15-90 months;		
Influenza	>=65 years;		
Jap.Enc.	6-90 (x2), 12-90 months; 9-13, 14-15 years; [Part of country]		
Measles	12-90 months;		
OPV	3-90 months (x2);		

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- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Jordan



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'460	GDP per capita (US\$) <sup>1</sup>	5530
Infant (under 12 months) mortality rate	2 §	20	Child (under 5 years) mortality rate	2 §	23

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	5'729	5'544	5'371	5'207	5'055	4'799	3'254	2'225
Live births	152	150	148	147	146	147	122	98
Surviving infants	149	147	145	144	143	143	118	93
Pop. less than 5 years	718	709	707	709	713	713	579	416
Pop. less than 15 years	2'093	2'062	2'034	2'008	1'983	1'932	1'524	1'099
Female 15-49 years	1'481	1'416	1'354	1'296	1'242	1'153	671	447

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	5
Measles	1	28	21	76	19	32	290	552	
Mumps	636	5'375	5'771	2'609	4'397	16'122	-	-	
Pertussis	1	1	4	3	2	5	4	437	
Polio	0	0	0	0	0	0	0	15	
Rubella	150	13'879	7'647	6	1	165	-	-	
Rubella (CRS)	1	0	-	1	0	-	-	-	
Tetanus (neonatal)	1	1	1	4	3	3	9	23	
Tetanus (total)	2	2	1	5	3	3	9	46	
Yellow fever	0	0	-	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2001	29 DHS	95	89	58	67	29	-	-	-	32
DTP1	2001	100 DHS	99	98	96	98	96	89	-	-	-
DTP3	2001	98 DHS	98	95	95	97	95	91	92	30	
HepB3	-	-	98	95	95	97	95	93	-	-	-
Hib3	-	-	98	95	95	97	95	-	-	-	-
MCV	2001	95 DHS	99*	95	99	96	95	94	87	29	
MCV2	-	-	88	92	98	91	90	83	-	-	-
Pol3	2001	98 DHS	98	95	95	97	95	94	92	32	
TT2plus	2001	9 DHS	90	50	90	24	36	23	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	95	89	58	67	29	-	-	-	-	-	
DTP1	99	98	96	98	96	97	97	55			
DTP3	98	95	95	97	95	91	92	30			
HepB3	98	95	95	97	95	93	-	-			
Hib3	98	95	95	97	95	-	-	-			
MCV	99	95	99	96	95	94	87	29			
PAB	86	67	53	46	54	44	49	0			
Pol3	98	95	95	97	95	94	92	32			

Number of districts in the country	21	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	1st contact (infants & at school entry for not vaccinated)	Measles	9 months:
DT		MenACWY	All ages (Pilgrims & cases contacts)
DTwP	18 months:	MMR	18 months:
DTwPHibHep	2, 3, 4 months:	OPV	3, 4, 9, 18 months: 6 years:
HepB	0, 3, 4 months:	Td	6, 15 years: (school children)
Influenza	(Pilgrims & health workers)	TT	1st pregnancy (x2); 3rd pregnancy; 5th pregnancy:
IPV	2, 3 months:	Typhoid	[Part of country](any age to high risk groups)
		YF	

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Kazakhstan



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	2'940	GDP per capita (US\$) <sup>1</sup>	7857
Infant (under 12 months) mortality rate	2 §	26	Child (under 5 years) mortality rate	2 §	31

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	15'314	15'211	15'107	15'008	14'933	14'954	16'530	14'919
Live births	289	279	268	258	249	241	374	371
Surviving infants	281	271	260	250	241	231	354	347
Pop. less than 5 years	1'253	1'199	1'155	1'121	1'102	1'117	1'876	1'709
Pop. less than 15 years	3'657	3'688	3'742	3'819	3'914	4'135	5'202	4'833
Female 15-49 years	4'358	4'330	4'293	4'246	4'198	4'134	4'138	3'819

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	9	1	0	4	14	13	28	-	-
Measles	109	16'118	2'204	24	18	245	273	-	-
Mumps	326	930	4'089	-	8'379	3'236	-	-	-
Pertussis	120	222	57	12	30	87	395	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	2'461	8'783	15'103	18'139	30'541	14'989	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	2	5	2	2	3	8	-	-	-
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1994	97 DHS	99*	69	65	99*	99	98	-	-
DTP1	1994	98 DHS	99*	99*	85	99*	95	97	-	-
DTP3	1994	51 DHS	99*	98	82	99	95	97	-	-
HepB3	-	-	99	94	99*	99*	99*	99*	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1994	72 DHS	99	99*	99	99*	95	99	-	-
MCV2	-	-	99*	96	99*	99*	98	99*	-	-
Pol3	1994	59 DHS	99	99*	99	99*	95	97	-	-
TT2plus	1994	DHS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	99	69	65	99	99	98	-	-	-
DTP1	99	99	85	99	95	97	-	-	-
DTP3	99	98	82	99	95	97	-	-	-
HepB3	99	94	99	99	95	99	-	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	99	99	99	99	95	99	-	-	-
Pol3	99	99	99	99	95	97	-	-	-

Number of districts in the country	201	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6, 12 years;	Influenza	(risk groups)
Dip	12 years;	Measles	6 years;
DT	6 years;	MenACWY	(Pilgrims to Hadj)
DTwP	3, 18 months;	MMR	1 year;
DTwPHep	2, 4 months;	Mumps	12 years;
DTwPHib	(From June 2008)	OPV	birth; 2, 3, 4 months;
DTwPHibHep	(From June 2008)	Rubella	15 years;
HepB	birth;	Td	16 years: (every 10 years)

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Kenya



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	540	GDP per capita (US\$) <sup>1</sup>	1240
Infant (under 12 months) mortality rate	2 §	67	Child (under 5 years) mortality rate	2 §	108

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	36'553	35'599	34'675	33'780	32'913	31'252	23'447	16'282
Live births	1'447	1'411	1'372	1'330	1'288	1'206	973	807
Surviving infants	1'351	1'315	1'278	1'238	1'198	1'122	909	747
Pop. less than 5 years	6'161	5'966	5'775	5'589	5'411	5'082	4'443	3'338
Pop. less than 15 years	15'583	15'176	14'815	14'498	14'216	13'715	11'458	8'131
Female 15-49 years	8'956	8'741	8'518	8'288	8'053	7'576	5'095	3'384

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	0	0	-	15	1	6'395	
Measles	1'847	153	20	65	766	21'002	77'072	28'473	
Mumps	-	-	-	0	8'831	30'468	-	-	
Pertussis	-	-	-	0	300	424	7'404	13'281	
Polio	2	0	0	0	0	0	1'528	455	
Rubella	517	341	1'068	811	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	38	56	78	41	95	1'278	1'612	-	
Tetanus (total)	-	56	-	-	25	628	1'692	831	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2002	87 DHS	92	85	87	87	91	75	54	-
DTP1	2002	89 DHS	90	85	72	89	90	73	-	-
DTP3	2002	72 DHS	80	76	73	73	84	63	42	-
HepB3	-		80	76	73	73	84	-	-	-
Hib3	-		80	76	73	73	84	-	-	-
MCV	2002	73 DHS	77	69	73	72	78	46	41	-
MCV2	-		-	-	-	-	-	-	-	-
Pol3	2002	73 DHS	77	70	73	75	83	62	44	-
TT2plus	1999	MICS	72	72	69	66	60	51	45	-
VitA	-		99*	50	46	4	-	-	-	-
YFV	-		50	52	52	56	60	11	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			92	85	87	87	87	90	92	-
DTP1			90	85	84	89	89	89	92	-
DTP3			80	76	73	73	72	75	84	-
HepB3			80	76	73	73	72	-	-	-
Hib3			80	76	73	73	72	-	-	-
MCV			77	69	73	72	72	75	78	-
PAB			74	73	73	73	72	68	60	0
Pol3			77	70	73	75	72	71	84	-

Number of districts in the country	78	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	23
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	41
			From 50 to 79%	36
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwPHibHep	6,10,14 weeks:		
Measles	9 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	1st contact: 1 or 3 months: +6 or +9 months: +2, +3 years: (Also for 2nd, 3rd and 4th pregnancy)		
Vitamina	9, 12, 18, 24, 30, 36 months:		
YF	9 months: [Part of country]		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Kiribati



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	4597
Infant (under 12 months) mortality rate	<sup>2</sup> §	-	-	Child (under 5 years) mortality rate	<sup>2</sup> § -

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	94	92	90	89	87	84	72	55
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	10	10	10	10	10	10	10	8
Pop. less than 15 years	30	29	29	29	29	29	26	22
Female 15-49 years	26	26	25	25	24	23	18	13

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	-	0	0	0	0	1
Measles	-	0	0	-	0	0	30	170	-
Mumps	-	0	0	-	0	0	-	-	-
Pertussis	-	0	0	-	0	0	830	161	-
Polio	0	0	0	0	0	0	0	0	
Rubella	-	0	0	-	0	0	-	-	
Rubella (CRS)	-	0	0	-	0	0	-	-	
Tetanus (neonatal)	-	0	-	-	0	0	1	-	
Tetanus (total)	-	0	-	-	0	0	3	0	
Yellow fever	-	-	-	-	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	99*	99*	94	91	99*	80	93	66	
DTP1	-	98	93	75	99*	99*	95	-	-	
DTP3	-	86	79	62	98	99*	90	97	43	
HepB3	-	88	50	67	96	-	90	73	-	
Hib3	-	-	-	-	-	-	-	-	-	
MCV	-	61	85	56	79	88	80	75	-	
MCV2	-	-	-	-	-	-	-	-	-	
Pol3	-	86	50	61	94	-	90	97	10	
TT2plus	-	55	45	38	76	-	50	54	-	
VitA	-	-	-	58	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		99	99	94	97	99	80	93	66	
DTP1		98	93	75	87	99	95	98	68	
DTP3		86	79	62	91	99	90	97	43	
HepB3		88	50	67	83	99	90	73	-	
Hib3		-	-	-	-	-	-	-	-	
MCV		61	85	56	72	88	80	75	-	
Pol3		86	74	61	79	96	90	97	10	

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	33
% of coverage reports received at national level vs number of reports expected		Proportion of districts reporting DTP3 coverage	From 80 to 89%	50
			From 50 to 79%	17
		Proportion of districts not reporting DTP3 coverage	Lesser than 50%	0

Immunization schedule	
Vaccine	Schedule
BCG	birth;
DTwP	6, 10, 14 weeks;
HepB	birth; 6, 14 weeks;
MR	12 months;
OPV	birth; 6, 10, 14 weeks;
TT	5, 12 years;
VitaminA	6, 12-59 months;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Kuwait



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	30 1630	GDP per capita (US\$) <sup>1</sup>	26321
Infant (under 12 months) mortality rate	2 §	8	Child (under 5 years) mortality rate	2 §	10

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2'779	2'700	2'617	2'531	2'439	2'228	2'143	1'375
Live births	50	49	48	46	45	43	47	51
Surviving infants	50	49	47	46	45	42	46	50
Pop. less than 5 years	236	230	226	223	220	209	304	215
Pop. less than 15 years	655	641	630	620	610	579	785	553
Female 15-49 years	692	670	645	617	589	527	489	283

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	-	-	-	0	0	1	
Measles	-	10	23	-	-	6	71	1'382	
Mumps	-	87	85	-	-	76	-	-	
Pertussis	-	110	67	-	-	43	25	69	
Polio	0	0	0	0	0	0	0	32	
Rubella	-	75	65	-	-	87	-	-	
Rubella (CRS)	-	1	1	-	-	0	-	-	
Tetanus (neonatal)	-	0	-	-	-	0	0	9	
Tetanus (total)	-	0	1	-	-	0	2	15	
Yellow fever	-	0	-	-	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1998	EPI	-	-	-	-	-	-	-	2
DTP1	1998	EPI	-	99*	-	-	-	-	97	-
DTP3	1998	98 EPI	-	99*	-	99*	-	-	98	67
HepB3	1998	98 EPI	-	99*	-	99*	-	-	95	-
Hib3	-	-	-	99*	-	-	-	-	98	-
MCV	1998	96 EPI	-	99*	-	97	-	-	99	48
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1998	99 EPI	-	99*	-	99*	-	-	94	70
TT2plus	1990	-	-	-	-	-	-	-	74	47
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	99	99	99	99	99	99	98	88	86	
DTP3	99	99	98	99	99	99	98	71	67	
HepB3	99	99	94	99	99	99	95	-	-	
Hib3	99	99	98	99	99	99	98	-	-	
MCV	99	99	97	97	97	97	99	66	48	
PAB	82	81	81	80	79	77	77	51	6	
Pol3	99	99	98	99	99	99	94	71	70	

Number of districts in the country	109	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	57
% of coverage reports received at national level vs number of reports expected	99		From 80 to 89%	1
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		42

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	3.5 years:	MMR	1, 3.5 years:
DT	(high risk groups)	OPV	birth; 2, 4, 6, 18 months; 3.5 years:
DTwP	3.5 years:	Pneumo_ps	(at risk group)
DTwPHib	2, 4, 6, 18 months:	Rubella	12 years: (girls only)
HepB	birth; 2, 6 months:	Td	10-18 years:
Influenza	(high risk groups)	TT	[Part of country](pregnants - high risk groups)
MenAC	(new laborers)	Typhoid	[Part of country](food handler)
MenACWY	2 years: (contacts pilgrims)	YF	(travellers to endemic areas)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Kyrgyzstan



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	450	GDP per capita (US\$) <sup>1</sup>	1927
Infant (under 12 months) mortality rate	<sup>2</sup> §	54	Child (under 5 years) mortality rate	<sup>2</sup> §	64

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	5'259	5'204	5'153	5'105	5'057	4'946	4'395	3'627
Live births	113	111	109	108	108	109	137	114
Surviving infants	107	105	103	102	101	103	128	104
Pop. less than 5 years	504	499	500	506	516	539	629	488
Pop. less than 15 years	1'598	1'615	1'636	1'660	1'686	1'725	1'651	1'347
Female 15-49 years	1'457	1'434	1'410	1'384	1'357	1'297	1'032	857

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	2	1	2	1	3	15	6	-	-
Measles	27	53	8	6	2	16	584	-	-
Mumps	1'126	4'752	2'864	-	715	350	-	-	-
Pertussis	56	91	9	9	32	34	237	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	11	1	7	5	274	176	-	-	-
Rubella (CRS)	1	0	1	0	-	0	-	-	-
Tetanus (neonatal)	0	0	0	0	-	-	-	-	-
Tetanus (total)	-	0	2	-	1	-	-	-	-
Yellow fever	-	-	-	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1996	DHS	99	96	99	99	99	99	96	-	-
DTP1	1996	DHS	96	98	99	99	99	99	99	-	-
DTP3	1996	DHS	92	98	99	98	98	98	99	-	-
HepB3	-		90	97	99	99	99	99	44	-	-
Hib3	-		-	-	-	-	-	-	-	-	-
MCV	1996	DHS	97	99	99	99*	98	98	98	-	-
MCV2	-		97	98	98	98	98	98	96	-	-
Pol3	1996	DHS	93	98	98	98	98	99	99	-	-
TT2plus	1994	MICS	-	-	-	-	-	-	-	-	-
VitA	-		99	99	99	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			99	96	98	99	99	99	96	-	-
DTP1			96	98	99	99	99	99	99	-	-
DTP3			92	98	99	98	98	98	99	-	-
HepB3			90	97	99	99	99	99	44	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			97	99	99	99	98	98	98	-	-
Pol3			93	98	98	98	98	99	99	-	-

Number of districts in the country	52	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule	
Vaccine	Schedule
BCG	birth;
DT	6 years;
DTwP	2, 3.5, 5 months; 2 years;
HepB	birth; 2, 5 months;
MMR	12 months;
MR	6 years;
OPV	birth; 2, 3.5, 5 months;
Td	11, 16, 26, 36, 46 years;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Lao People's Democratic Republic



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	430	GDP per capita (US\$) <sup>1</sup>	2039
Infant (under 12 months) mortality rate	2 §	54	Child (under 5 years) mortality rate	2 §	72

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	5'759	5'664	5'574	5'487	5'402	5'224	4'076	3'103
Live births	156	155	155	155	157	162	177	135
Surviving infants	148	146	146	146	147	151	160	118
Pop. less than 5 years	715	716	723	735	750	781	732	546
Pop. less than 15 years	2'243	2'254	2'264	2'273	2'277	2'265	1'821	1'402
Female 15-49 years	1'473	1'430	1'389	1'349	1'310	1'237	912	676

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	2	9	11	116	40	3	9	11	
Measles	58	295	1'491	1'810	2'070	332	2'168	1'380	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	182	120	199	200	-	80	856	2'718	
Polio	0	0	1	0	0	0	18	1'166	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	8	12	14	17	16	21	4	-	
Tetanus (total)	17	21	29	35	19	39	27	1'015	
Yellow fever	0	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1995	62 MICS	96	65	60	65	65	69	26	-
DTP1	1995	MICS	68	68	66	72	65	83	-	-
DTP3	1995	28 MICS	81	49	45	50	55	53	18	-
HepB3	-	-	57	49	45	50	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1995	62 MICS	70	41	36	42	55	42	32	-
MCV2	-	-	-	-	29	-	-	-	-	-
Pol3	1995	33 MICS	80	50	46	52	55	57	26	-
TT2plus	1999	42 MICS	32	30	30	36	35	45	10	-
VitA	-	-	54	62	42	65	70	87	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	61	65	60	65	65	69	26	-
DTP1	68	68	66	72	65	83	41	-
DTP3	57	49	45	50	55	53	18	-
HepB3	57	49	45	50	-	-	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	48	41	36	42	55	42	32	-
PAB	52	50	51	54	53	58	12	0
Pol3	56	50	46	52	55	57	26	-

Number of districts in the country	140	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	27
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	36
			From 50 to 79%	31
			Lesser than 50%	6
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6, 12, 18, 24, 30, 36 months: (Post partum (6W) and 6M-59M)
DTwPHep	6, 10, 14 weeks;		
HepB	birth;		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	15 years, +4 weeks; +6 months; +1, +1 year: (CBAW and Pregnant women)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Latvia



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	6'770	GDP per capita (US\$) <sup>1</sup>	13646
Infant (under 12 months) mortality rate	<sup>2</sup> §	11	Child (under 5 years) mortality rate	<sup>2</sup> §	14

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2'289	2'302	2'315	2'330	2'345	2'379	2'663	2'512
Live births	21	21	21	20	20	19	36	36
Surviving infants	21	21	20	20	20	19	35	36
Pop. less than 5 years	102	101	99	96	94	96	208	173
Pop. less than 15 years	321	332	346	363	383	423	571	513
Female 15-49 years	588	591	593	594	593	592	651	648

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	32	20	20	26	45	264	3	-	-
Measles	7	2	0	-	-	0	21	-	-
Mumps	6	37	72	-	231	1'949	-	-	-
Pertussis	29	25	39	99	159	135	129	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	12	35	52	309	2'578	62	-	-	-
Rubella (CRS)	0	0	0	-	0	0	-	-	-
Tetanus (neonatal)	0	0	0	-	-	-	-	-	-
Tetanus (total)	0	0	1	-	-	2	-	-	-
Yellow fever	0	0	0	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	-	99*	99*	99*	99*	99*	99*	99*	99*	-	-
DTP1	-	99*	99*	99*	99*	99	99*	99	99*	-	-
DTP3	-	98	99	99	98	97	96	96	96	-	-
HepB3	-	97	98	98	98	98	95	95	95	-	-
Hib3	-	99	94	95	92	87	79	79	79	-	-
MCV	-	95	95	99	99	98	97	97	97	-	-
MCV2	-	98	98	92	97	96	90	90	90	-	-
Pol3	-	98	99	99	98	98	96	96	96	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>									
		<i>WHO-UNICEF estimates <sup>5</sup></i>									
BCG		99	99	99	99	99	99	99	99	-	-
DTP1		99	99	99	99	99	99	99	99	-	-
DTP3		98	99	99	98	97	96	96	96	-	-
HepB3		97	98	98	98	98	95	95	95	-	-
Hib3		99	94	95	92	87	79	79	79	-	-
MCV		95	95	99	99	98	97	97	97	-	-
Pol3		98	99	99	98	98	96	96	96	-	-

Number of districts in the country	33	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% 100 From 80 to 89% 0 From 50 to 79% 0 Lesser than 50% 0
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	4-5 days;	MMR	15 months; 7 years;
DT	7 years;	OPV	18 months; 7, 14 years;
DTwP	18 months;	Pneumo_conj	(specific target group)
DTwPHibIPV	3, 4.5, 6 months;	Td	14 years;
HepB	birth; 1, 6-8 months;	TT	((wounds))
Hib	(specific target group)	Varicella	(From January 2008)
IPV	(specific target group)		
MenAC	(specific target group)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Lebanon



Development status	Developing	GNI per capita (US\$)	1	6'320	GDP per capita (US\$)	1	5584
Infant (under 12 months) mortality rate	2 §	23		Child (under 5 years) mortality rate	2 §		27

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'055	4'011	3'965	3'918	3'869	3'772	2'974	2'785
Live births	74	75	75	75	76	79	79	83
Surviving infants	73	73	73	74	74	77	76	80
Pop. less than 5 years	363	365	371	378	386	398	364	383
Pop. less than 15 years	1'145	1'148	1'151	1'152	1'153	1'150	1'063	1'087
Female 15-49 years	1'112	1'100	1'086	1'071	1'056	1'024	772	670

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	0	0	0	0	1	0	-	-
Measles	956	618	213	526	36	5	-	-
Mumps	68	14	54	28	184	23	-	-
Pertussis	46	43	21	28	51	1	-	-
Polio	0	0	0	1	0	0	2	-
Rubella	16	13	120	6	11	5	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	1	1	0	-	-
Tetanus (total)	2	3	2	1	1	2	-	-
Yellow fever	0	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey</i>		<i>Official country estimates</i>					
	Year	Result						

BCG	1999	MICS	-	-	-	-	-	-	-	-
DTP1	1999	MICS	57	56	-	98	98	93	-	-
DTP3	1999	90 MICS	46	47	-	92	92	90	82	-
HepB3	-		54	47	-	88	88	70	-	-
Hib3	-		46	47	-	92	-	-	-	-
MCV	1999	88 MICS	26	54	53	96	96	90	39	-
MCV2	-		49	17	-	94	94	87	-	-
Pol3	1999	90 MICS	46	48	-	92	92	90	82	-
TT2plus	1999	MICS	-	-	-	-	-	-	-	-
VitA	-		-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>							
	<i>WHO-UNICEF estimates</i>							

BCG	-	-	-	-	-	-	-	-	-
DTP1	98	98	98	98	98	93	94	17	
DTP3	92	92	92	92	92	90	82	0	
HepB3	88	88	88	88	88	70	-	-	
Hib3	92	92	92	92	-	-	-	-	
MCV	96	96	96	96	96	90	61	0	
Pol3	92	92	92	92	92	90	82	0	

Number of districts in the country	25	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Vaccine	Schedule	Vaccine	Schedule
DT	<8 years:	OPV	8, 12, 16 weeks, 15-18 months: 4-5, 10-12 years;
DTwP	4-6 years:	Td	10-12, 18 years;
DTwPHib	15-18 months:	YF	(Pelgrims)
DTwPHibHep	8,12,16 weeks:		
HepB	birth; 8, 12 weeks:		
Measles	9 months:		
MenACWY			
MMR	18 months: 4-5 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Lesotho



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	950	GDP per capita (US\$) <sup>1</sup>	3335
Infant (under 12 months) mortality rate	2 §	68	Child (under 5 years) mortality rate	2 §	104

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'995	1'981	1'966	1'950	1'932	1'886	1'601	1'296
Live births	59	59	60	60	61	61	58	54
Surviving infants	55	55	56	56	56	57	54	49
Pop. less than 5 years	272	274	275	277	278	278	263	225
Pop. less than 15 years	801	800	800	799	797	791	720	580
Female 15-49 years	514	511	506	502	496	480	388	317

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	0	23	0	-	37	13	
Measles	1	-	31	1	0	660	2'195	7'935	
Mumps	0	-	-	3'244	-	-	-	-	
Pertussis	0	-	0	-	0	-	34	2'020	
Polio	0	0	0	0	0	0	0	36	
Rubella	4	-	-	84	-	-	-	-	
Rubella (CRS)	0	-	-	0	-	-	-	-	
Tetanus (neonatal)	0	-	0	0	0	-	1	-	
Tetanus (total)	0	-	1	13	0	-	27	1	
Yellow fever	0	-	-	-	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>												
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>												
	Year	Result	2003		2004		2005		2006		2000		1990		1980
BCG	2003	96 DHS	81	81	72	57	61	-	-	73	-	-	-	-	-
DTP1	2003	95 DHS	92	92	78	64	62	-	-	-	-	-	-	-	-
DTP3	2003	83 DHS	90	87	71	62	60	69	71	-	-	-	-	-	-
HepB3	2003	14 DHS	90	84	59	17	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MCV	2003	85 DHS	80	67	59	55	53	-	-	80	-	-	-	-	-
MCV2	-	-	80	-	56	47	50	-	-	-	-	-	-	-	-
Pol3	2003	80 DHS	90	90	77	62	60	67	73	-	-	-	-	-	-
TT2plus	1999	MICS	60	-	-	27	-	-	-	-	-	-	-	-	-
VitA	-	-	-	55	-	-	34	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>												
	<i>WHO-UNICEF estimates <sup>5</sup></i>														
	Year	Result	2003		2004		2005		2006		2000		1990		1980
BCG			96	96	96	96	90	88	89	81					
DTP1			95	95	95	95	89	87	91	75					
DTP3			83	83	83	83	81	82	82	56					
HepB3			85	85	71	14	-	-	-	-					
Hib3			-	-	-	-	-	-	-	-					
MCV			85	85	85	85	78	74	80	49					
PAB			72	60	47	41	38	31	0	0					
Pol3			80	80	80	80	79	81	82	56					

Number of districts in the country	19	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	68
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	26
			From 50 to 79%	5
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	VitaminA	6, 12, 18, 24, 30, 36 months:
DT	18 months:		
DTwP	6, 10, 14 weeks:		
DTwPHep	(From January 2008)		
HepB	6, 10, 14 weeks:		
Measles	9, 18 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	1st contact: +4 weeks: +1 year:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Liberia



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	130	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	136	Child (under 5 years) mortality rate	2 §	210

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'579	3'442	3'348	3'292	3'247	3'071	2'137	1'868
Live births	184	177	171	165	159	145	106	94
Surviving infants	159	153	147	142	136	124	89	79
Pop. less than 5 years	690	662	642	629	618	580	409	351
Pop. less than 15 years	1'683	1'614	1'567	1'539	1'517	1'434	1'004	864
Female 15-49 years	800	772	752	740	731	692	473	416

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	-	-	-	-	-	-
Measles	20	8	4	142	131	5'977	-	6'567	
Mumps	-	0	0	-	-	-	-	-	
Pertussis	-	0	0	-	379	281	-	62	
Polio	0	0	0	0	0	0	-	98	
Rubella	-	0	0	-	-	-	-	-	
Rubella (CRS)	-	0	-	-	-	-	-	-	
Tetanus (neonatal)	22	13	1	40	21	152	-	207	
Tetanus (total)	-	13	1	-	-	-	228	307	
Yellow fever	26	41	4	54	74	137	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2004	69 EPI	89	82	60	43	67	45	-	-
BCG	2004	69 EPI	89	82	60	43	67	45	-	-
DTP1	2004	65 EPI	99*	92	48	49	67	-	-	-
DTP3	2004	27 EPI	88	87	31	38	51	48	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2004	41 EPI	94	94	42	53	57	52	-	-
MCV	2004	41 EPI	94	94	42	53	57	52	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2004	52 EPI	87	77	33	39	50	52	-	-
TT2plus	1999	DHS	77	72	29	24	41	25	-	-
VitA	-	-	73	75	55	28	40	26	-	-
YFV	-	-	88	89	13	7	18	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			89	82	60	43	67	79	-	-
DTP1			99	92	48	49	67	78	-	-
DTP3			88	87	31	38	51	55	-	-
HepB3			-	-	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			94	94	42	53	57	52	-	-
PAB			72	60	59	56	64	51	33	0
Pol3			87	77	33	39	50	59	-	-

Number of districts in the country	15	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	27
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	40
			From 50 to 79%	33
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
DTwPHibHep	(From January 2008)		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks:		
TT	15 (3 x); 16,17 years:		
Vitamina	>6, 12 months:		
YF	9 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Libyan Arab Jamahiriya



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	5'530	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	19	Child (under 5 years) mortality rate	2 §	21

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	6'039	5'918	5'799	5'683	5'568	5'346	4'364	3'063
Live births	144	142	139	137	134	128	114	149
Surviving infants	141	139	136	134	131	125	110	140
Pop. less than 5 years	676	662	648	634	619	590	588	573
Pop. less than 15 years	1'826	1'795	1'768	1'745	1'728	1'720	1'887	1'441
Female 15-49 years	1'672	1'640	1'606	1'571	1'534	1'448	955	604

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	-	-	2	-	0	6	
Measles	1	292	2'771	-	3'890	-	931	1'547	
Mumps	107	221	189	-	651	-	-	-	
Pertussis	118	41	27	-	21	-	43	25	
Polio	0	0	0	0	0	0	5	30	
Rubella	1	10	30	-	217	-	-	-	
Rubella (CRS)	0	0	-	-	-	-	-	-	
Tetanus (neonatal)	0	0	-	-	0	-	1	-	
Tetanus (total)	1	2	3	-	4	-	1	30	
Yellow fever	0	0	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1994	99	99*	99*	99*	-	99	-	90	88
DTP1	1994		98	98	99*	-	97	-	-	-
DTP3	1994	96	98	98	97	-	94	-	84	60
HepB3	-		98	97	99*	-	91	-	-	-
Hib3	-		-	-	-	-	-	-	-	-
MCV	1994	92	98	97	99*	-	-	-	89	61
MCV2	-		96	95	95	-	-	-	-	-
Pol3	1994	96	98	98	97	-	94	-	84	60
TT2plus	-		-	-	-	-	-	-	18	2
VitA	-		-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	99	99	99	99	99	97	90	88
DTP1	98	98	99	98	97	97	94	82
DTP3	98	98	97	95	93	94	84	60
HepB3	98	97	99	95	91	92	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	98	97	99	95	91	92	89	61
Pol3	98	98	97	95	93	94	84	60

Number of districts in the country	22	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	68
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	32
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Td	15 years: (From 2007)
DT	6 years;	TT	12 years;
DTwP	6, 10, 14 weeks; 18 months;	YF	(travellers)
DTwPHibHep	2, 4, 6 months: (From 2007)		
HepB	birth; 6 weeks; 8 months;		
MenACWY	6 years: (travellers)		
MMR	12, 18 months;		
OPV	birth; 6, 10, 14 weeks; 18 months; 6 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Lithuania



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	7'210	GDP per capita (US\$) <sup>1</sup>	14494
Infant (under 12 months) mortality rate	2 §	9	Child (under 5 years) mortality rate	2 §	11

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'408	3'425	3'440	3'454	3'468	3'503	3'698	3'413
Live births	30	30	31	31	32	34	55	53
Surviving infants	30	30	30	31	31	33	54	52
Pop. less than 5 years	151	153	157	162	169	186	290	259
Pop. less than 15 years	552	574	598	623	649	699	834	804
Female 15-49 years	889	892	893	891	888	885	924	886

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	0	0	0	0	3	2	-	-
Measles	1	1	1	1	103	19	-	-
Mumps	74	101	279	284	226	4'377	-	-
Pertussis	6	64	48	5	23	91	-	-
Polio	0	0	0	0	0	0	-	-
Rubella	110	118	93	170	277	1'304	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-
Tetanus (total)	3	4	1	4	1	0	-	-
Yellow fever	0	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>							
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>			

BCG	-	99	99	99	99	99	99	-	-
DTP1	-	98	98	94	98	98	99	-	-
DTP3	-	94	94	94	94	95	94	-	-
HepB3	-	95	95	94	78	94	99	-	-
Hib3	-	94	61	35	11	5	3	-	-
MCV	-	97	97	98	98	98	97	-	-
MCV2	-	94	95	93	93	95	97	-	-
Pol3	-	94	93	90	91	97	92	-	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>							
<i>WHO-UNICEF estimates</i> <sup>5</sup>								

BCG	99	99	99	99	99	99	-	-
DTP1	98	98	94	98	98	99	-	-
DTP3	94	94	94	94	95	94	-	-
HepB3	95	95	94	95	94	99	-	-
Hib3	94	61	35	10	5	2	-	-
MCV	97	97	98	98	98	97	-	-
Pol3	94	93	90	91	97	92	-	-

Number of districts in the country	52	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% 92 From 80 to 89% 8 From 50 to 79% 0 Lesser than 50% 0
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	Rabies	1st contact: +3,+7,+14,+28 days (after exposure)
DT	6 years:	Td	15 years:
DTaPHibIPV	2,4,6,18 months: (From January 2007)		
DTwPHibIPV	2, 4, 6, 18 months:		
HepB	birth: 1, 6 months: (or 12 years (x3))		
IPV	6 years: (From January 2007)		
MMR	15 months: 6-12 years:		
OPV	6, 12 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Luxembourg



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	60228
Infant (under 12 months) mortality rate	<sup>2</sup> §	5		Child (under 5 years) mortality rate	<sup>2</sup> § 7

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	461	457	452	449	445	437	382	364
Live births	5	5	5	5	5	5	5	4
Surviving infants	5	5	5	5	5	5	5	4
Pop. less than 5 years	27	27	27	28	28	28	23	20
Pop. less than 15 years	85	85	84	84	84	82	66	68
Female 15-49 years	115	114	113	112	111	109	97	91

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	-	0	0	0	0
Measles	8	-	0	1	-	0	16	63	
Mumps	1	1	0	-	-	0	-	-	
Pertussis	0	-	3	10	-	0	3	46	
Polio	0	-	0	0	0	0	0	0	
Rubella	0	-	0	-	-	0	-	-	
Rubella (CRS)	0	-	0	-	-	0	-	-	
Tetanus (neonatal)	0	-	0	0	-	0	0	0	
Tetanus (total)	0	-	0	0	-	0	0	0	
Yellow fever	0	-	0	0	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	-	21	-	-	-	-	-	-	-
DTP1	-	-	99*	-	-	-	-	-	-	-
DTP3	-	-	99*	-	98	-	-	90	-	-
HepB3	-	-	95	-	49	-	-	-	-	-
Hib3	-	-	98	-	-	-	-	-	-	-
MCV	-	-	95	-	91	-	-	80	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	-	-	99*	-	98	-	-	90	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	99	99	99	98	98	98	98	96	-	-
DTP3	99	99	99	98	98	98	98	90	-	-
HepB3	95	95	72	49	49	49	-	-	-	-
Hib3	98	98	97	95	94	91	-	-	-	-
MCV	95	95	93	91	91	91	80	-	-	-
Pol3	99	99	99	98	98	98	90	-	-	-

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DTwPHibHepIPV	2-3, 3-4, 11-12 months:	MMR	15-18 months; 5-6 years:
DTwPHibIPV	4-6 months:	Pneumo_conj	2-3, 3-4, 4-6, 12-15 months:
DTwPIPv	5-6, 15-16 years:	Rotavirus	2-3, 3-4, 4-6 months:
HepB	2-3, 3-4, 11-12 months: (12 years if not vaccinated as a child)	Td	(every 10 years as a booster)
Influenza	>65 years: (every year)	Typhoid	(travellers)
IPV	(as a booster every 10 years if needed)	YF	(travellers)
MenC_conj	>=13 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Madagascar



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	290	GDP per capita (US\$) <sup>1</sup>	923
Infant (under 12 months) mortality rate	2 §	68	Child (under 5 years) mortality rate	2 §	111

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	19'159	18'643	18'135	17'636	17'145	16'187	12'033	9'059
Live births	714	706	697	689	680	662	536	414
Surviving infants	665	656	647	638	629	610	481	366
Pop. less than 5 years	3'142	3'094	3'047	3'000	2'952	2'844	2'168	1'652
Pop. less than 15 years	8'345	8'167	7'985	7'800	7'613	7'229	5'412	4'084
Female 15-49 years	4'475	4'337	4'204	4'076	3'952	3'714	2'721	2'037

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	-	-	-	12	252	227	
Measles	2	-	35'558	62'233	10'795	35'256	14'459	119'679	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	0	-	2'974	8'021	2'428	3'880	1'333	32'457	
Polio	0	4	0	0	4	0	39	68	
Rubella	127	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	5	34	7	6	6	13	208	-	
Tetanus (total)	-	63	29	68	30	54	105	842	
Yellow fever	-	-	-	-	0	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	2003	72 DHS	99*	95	88	96	73	99*	98	21
DTP1	2003	71 DHS	99	92	86	99	76	86	-	-
DTP3	2003	61 DHS	93	92	75	87	62	80	71	48
HepB3	-	-	93	92	75	87	62	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2003	59 DHS	84	84	98	86	61	81	57	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2003	63 DHS	92	87	79	86	61	81	69	-
TT2plus	1999	48 MICS	46	47	54	49	35	40	31	-
VitA	-	-	17	-	24	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	72	72	72	72	72	72	72	72	67	21
DTP1	71	71	71	71	72	72	72	73	71	-
DTP3	61	61	61	61	60	60	60	57	46	-
HepB3	61	61	61	61	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	59	59	59	59	58	58	58	56	47	-
PAB	67	66	63	62	61	61	61	58	45	0
Pol3	63	63	63	63	62	62	62	59	46	-

Number of districts in the country	111	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	52
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	20
			From 50 to 79%	22
			Lesser than 50%	6
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwPHep			6, 10, 14 weeks;
HIB			(From January 2008)
Measles			9 months;
OPV			birth; 6, 10, 14 weeks;
TT			1st contact pregnancy; +1, +6 months; +1, +1 year;
Vitamina			6, 12, 18, 24, 30, 36 months; (children from 6 to 59 months)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Malawi



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	160	GDP per capita (US\$) <sup>1</sup>	667
Infant (under 12 months) mortality rate	2 §	93	Child (under 5 years) mortality rate	2 §	138

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	13'571	13'226	12'894	12'574	12'260	11'623	9'446	6'215
Live births	566	559	553	547	540	527	456	340
Surviving infants	513	506	499	492	485	470	393	287
Pop. less than 5 years	2'425	2'390	2'354	2'319	2'282	2'185	1'773	1'244
Pop. less than 15 years	6'383	6'224	6'059	5'888	5'713	5'352	4'413	2'936
Female 15-49 years	3'012	2'938	2'872	2'813	2'758	2'647	2'172	1'415

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	-	-	13
Measles	1	184	1'116	167	92	304	-	-	162'686
Mumps	-	-	0	-	-	-	-	-	-
Pertussis	0	0	0	0	0	365	-	-	29'769
Polio	0	0	0	0	0	0	3	-	70
Rubella	0	51	59	6	6	-	-	-	-
Rubella (CRS)	-	-	0	-	-	-	-	-	-
Tetanus (neonatal)	6	6	11	7	7	12	211	-	163
Tetanus (total)	6	6	-	7	-	1	-	-	461
Yellow fever	-	-	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>									
<i>Last coverage survey</i>	<i>Official country estimates</i> <sup>4</sup>									
Year	Result									

BCG	2005	96 MICS	99*	99*	97	91	78	83	84	99
DTP1	2005	96 MICS	99*	99*	99*	99*	94	98	-	-
DTP3	2005	86 MICS	99*	93	89	84	64	75	80	58
HepB3	2005	86 MICS	99*	93	89	84	64	-	-	-
Hib3	-	-	99*	93	89	84	64	-	-	-
MCV	2005	85 MICS	85	82	80	77	69	-	81	49
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2005	81 MICS	99*	94	94	85	79	73	93	28
TT2plus	1998	EPI	70	63	61	87	60	61	76	-
VitA	-	-	75	73	77	53	90	75	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	99	99	97	91	78	83	97	-
DTP1	99	99	99	99	94	98	95	80
DTP3	99	93	89	84	64	75	87	58
HepB3	99	93	89	84	64	-	-	-
Hib3	99	93	89	84	64	-	-	-
MCV	85	82	80	77	69	73	81	49
PAB	88	86	86	87	85	84	81	0
Pol3	99	94	94	85	79	73	93	28

Number of districts in the country	26	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	31
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	54
			From 50 to 79%	15
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwPHibHep			6, 10, 14 weeks;
Measles			9 months;
OPV			birth; 6, 10, 14 weeks;
TT			1st contact: +1, +6 months: +1, +1 year: (15-45 years)
Vitamina			6, 12, 18, 24, 36 months;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Malaysia



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	4'970	GDP per capita (US\$) <sup>1</sup>	10882
Infant (under 12 months) mortality rate	2 §	9	Child (under 5 years) mortality rate	2 §	12

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	26'114	25'653	25'191	24'728	24'258	23'274	18'103	13'763
Live births	556	556	556	555	553	548	549	424
Surviving infants	550	551	551	550	548	542	540	411
Pop. less than 5 years	2'758	2'752	2'738	2'717	2'693	2'657	2'477	1'868
Pop. less than 15 years	8'083	8'053	8'013	7'964	7'908	7'789	6'770	5'413
Female 15-49 years	6'950	6'826	6'701	6'575	6'445	6'154	4'551	3'407

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	3	3	11	2	1	9	131	
Measles	564	1'407	5'729	632	408	6'187	563	8'727	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	6	8	40	28	6	42	24	97	
Polio	0	0	0	0	0	0	0	5	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	11	6	14	8	4	20	11	60	
Tetanus (total)	28	-	33	18	6	40	30	60	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	-	99*	99	99	99	99	99*	99	94
DTP1	-	88	96	96	99*	74	95	95	-
DTP3	-	96	95	94	99	85	95	90	67
HepB3	-	87	92	94	91	93	94	86	-
Hib3	-	89	85	-	-	-	-	-	-
MCV	-	90	90	71	94	76	88	70	-
MCV2	-	90	90	-	-	-	-	-	-
Pol3	-	96	94	95	93	95	95	90	67
TT2plus	-	90	90	90	84	84	89	82	22
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>WHO-UNICEF estimates <sup>5</sup></i>						
	Year	Result							

BCG	99	99	99	99	99	99	99	99	94
DTP1	88	96	96	99	95	95	95	95	86
DTP3	96	95	94	99	96	95	95	90	67
HepB3	87	92	94	91	93	94	86	-	-
Hib3	89	85	99	96	-	-	-	-	-
MCV	90	90	71	94	76	88	70	-	-
PAB	88	88	87	86	86	88	82	20	-
Pol3	96	94	95	93	95	95	90	67	-

Number of districts in the country	132	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	

Vaccine	Schedule	Vaccine	Schedule
BCG	0 month:	Measles	6 months: [Part of country] (given only on the State of Sabah)
DT	7 years:	MenACWY	(Haji Pilgrims)
DTaP	18 months:	MMR	12 months; 7 years:
DTaPHibHep	2,3,5 months:	OPV	2, 3, 5, 18 months:
HepB	0 month:	Rubella	[Part of country](women age 15-45 years, school children 12-17 years)
Influenza	(Frontliner staff)	TT	15 years: (antenatal mothers)
Jap.Enc.	9, 10, 18 months; 5, 8, 11 years: [Part of country] (Pop. at risk- Sarawak)		

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Maldives



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	2'320	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	38	Child (under 5 years) mortality rate	2 §	47

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	300	295	291	286	282	273	216	158
Live births	7	7	6	6	6	6	9	7
Surviving infants	7	6	6	6	6	6	8	6
Pop. less than 5 years	30	30	30	30	31	32	40	28
Pop. less than 15 years	99	100	102	104	106	110	100	68
Female 15-49 years	81	79	76	74	71	66	45	33

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	-	-	0	-	-
Measles	47	1'395	37	75	926	20	0	-	-
Mumps	5'349	5'410	44	-	-	-	-	-	-
Pertussis	0	0	-	-	-	-	0	7	-
Polio	0	0	0	0	0	0	0	1	-
Rubella	0	3	-	81	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	0	0	-	-	-	-	-	-	-
Tetanus (total)	0	0	-	-	-	-	-	2	-
Yellow fever	0	0	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
Vaccine	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2000	96 MICS	99	99	98	99	98	99	99	-
DTP1	2000	96 MICS	99	99	98	99	99	98	-	-
DTP3	2000	91 MICS	98	98	96	98	98	97	94	-
HepB3	2000	93 MICS	98	98	97	98	98	45	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	92 MICS	97	97	97	96	99	99	96	-
MCV2	-	-	85	82	-	-	-	-	-	-
Pol3	2000	93 MICS	98	98	96	98	98	97	94	-
TT2plus	1994	83 MICS	97	95	98	96	96	99*	89	9
VitA	-	-	-	-	-	-	-	98	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
Vaccine	<i>WHO-UNICEF estimates <sup>5</sup></i>									
	Year	Result								
BCG			99	99	98	98	98	99	99	7
DTP1			99	99	98	98	98	98	97	22
DTP3			98	98	96	98	98	97	94	4
HepB3			98	98	97	98	98	90	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			97	97	97	96	99	99	96	-
PAB			94	94	94	94	94	95	86	8
Pol3			98	98	96	98	98	97	94	4

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% 100 From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	MenACWY	[Part of country](+ 15 Pilgrims)
Cholera	[Part of country](+ 18 Travellers)	OPV	birth; 4, 8, 12 weeks;
DT	5 years: (who missed DTP)	TT	CBAW (15-45 years); +1, +6 months; +1, +1 year;
DTwP	6, 10, 14 weeks:	VitaminA	6, 12, 18, 24 months;
HepB	birth; 4, 12 weeks:	YF	18-45 years: [Part of country] (travellers)
Influenza	[Part of country]		
Measles	9 months:		
MenAC	[Part of country](+ 18 Travellers)		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Mali



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	380	GDP per capita (US\$) <sup>1</sup>	1033
Infant (under 12 months) mortality rate	2 §	131	Child (under 5 years) mortality rate	2 §	206

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	11'968	11'611	11'265	10'930	10'607	10'004	7'669	6'069
Live births	579	564	549	535	522	501	397	316
Surviving infants	503	489	475	461	449	429	333	260
Pop. less than 5 years	2'247	2'181	2'127	2'081	2'041	1'958	1'480	1'146
Pop. less than 15 years	5'700	5'541	5'391	5'248	5'111	4'844	3'655	2'796
Female 15-49 years	2'703	2'616	2'530	2'446	2'365	2'214	1'681	1'338

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	-	-	5	143	
Measles	128	33	172	232	717	1'578	1'388	10'007	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	0	33	33	-	8	0	430	2'811	
Polio	0	3	19	0	0	0	63	234	
Rubella	9	18	1	6	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	17	20	25	37	37	73	203	-	
Tetanus (total)	17	20	25	-	109	168	365	294	
Yellow fever	0	43	1	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2000	69 DHS	98	95	88	87	94	82	82	-	
DTP1	2000	61 DHS	99*	99*	99*	98	97	61	-	-	
DTP3	2000	40 DHS	95	95	86	79	74	54	42	-	
HepB3	-	-	99*	93	73	79	-	-	-	-	
Hib3	-	-	99*	51	-	-	-	-	-	-	
MCV	2000	49 DHS	86	86	75	68	64	55	43	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2000	39 DHS	97	98	86	79	74	54	42	-	
TT2plus	2000	32 DHS	71	63	50	46	44	62	37	-	
VitA	-	-	-	84	31	96	18	-	-	-	
YFV	-	-	85	82	70	62	31	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	85	82	75	64	81	69	82	-			
DTP1	95	95	91	87	84	65	67	-			
DTP3	85	85	76	69	64	40	42	-			
HepB3	90	85	73	79	-	-	-	-			
Hib3	16	3	-	-	-	-	-	-			
MCV	86	86	75	68	64	49	43	-			
PAB	84	84	84	62	61	50	45	0			
Pol3	83	84	72	65	60	39	42	-			

Number of districts in the country	59	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	46
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	25
			From 50 to 79%	24
			Lesser than 50%	5
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	VitaminA	6 months:
DTwP	6, 10, 14 weeks:	YF	9 months:
DTwPHibHep	6, 10, 14 weeks: [Part of country]		
HepB	6, 10, 14 weeks:		
Measles	9 months:		
OPV	6, 10, 14 weeks:		
TT	1st contact: +1, +1, +6 months: +1 year: (CBAW (15-49 years))		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Malta



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	13'610	GDP per capita (US\$) <sup>1</sup>	19189
Infant (under 12 months) mortality rate	<sup>2</sup> §	7	Child (under 5 years) mortality rate	<sup>2</sup> §	8

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	405	403	400	397	394	389	360	324
Live births	4	4	4	4	4	4	5	6
Surviving infants	4	4	4	4	4	4	5	6
Pop. less than 5 years	20	20	20	21	22	23	27	27
Pop. less than 15 years	69	70	72	73	75	78	85	75
Female 15-49 years	98	98	97	97	96	95	92	89

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	0	0	0	0	0	0
Measles	1	6	4	4	7	2	6	14	
Mumps	1	9	7	4	11	386	-	-	
Pertussis	2	7	6	7	4	3	106	2	
Polio	0	0	0	0	0	0	0	0	
Rubella	1	6	0	4	2	6	-	-	
Rubella (CRS)	-	0	0	0	0	0	-	-	
Tetanus (neonatal)	-	0	0	0	0	0	0	0	
Tetanus (total)	-	0	0	1	2	1	3	8	
Yellow fever	-	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	80	55	-	-	-	-	77	-	
DTP1	-	85	94	76	96	95	97	-	-	
DTP3	-	85	92	55	94	95	94	63	-	
HepB3	-	86	78	8	70	-	-	-	-	
Hib3	-	83	83	55	93	71	93	-	-	
MCV	-	94	86	87	90	65	74	80	-	
MCV2	-	86	60	-	2	-	0	-	-	
Pol3	-	83	94	55	95	95	94	86	-	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	-	-	-	-	-	-	-	77	-	
DTP1	85	94	76	96	95	97	84	-		
DTP3	85	92	55	94	95	94	63	-		
HepB3	86	78	8	70	-	-	-	-		
Hib3	83	83	55	93	71	93	-	-		
MCV	94	86	87	90	65	74	80	-		
Pol3	83	94	55	94	95	94	86	-		

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	12 years:	Hib	2, 3, 4 months:
DT	3.5 years:	IPV	(special cases)
DTaPHibHepIPV	2, 3, 4 months: 1 year:	MenACWY	(Travellers)
DTaPHibIPV	2, 3, 4 months: 1 year:	MMR	15 months: 7-8 years:
DTaPIPV	2, 3, 4 months: 1 year:	OPV	2, 3, 4 months: 3.5, 16, 26 years:
DTwP	2, 3, 4 months:	Pneumo_conj	(special cases)
HepA	(Travellers)	Pneumo_ps	(Travellers and food handlers)
HepB	15, 16, 21 months:	Td	16 years:

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Marshall Islands



Development status	Developing	GNI per capita (US\$)	1	2'930	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	2 §	-	-	-	Child (under 5 years) mortality rate	2 §	-

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	58	57	56	54	54	52	47	31
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	6	6	6	6	6	6	7	5
Pop. less than 15 years	18	18	18	18	18	18	17	13
Female 15-49 years	16	16	15	15	15	14	12	7

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	0	0	0	1'127	0	0	14	0	0
Mumps	0	0	-	6	11	0	-	-	-
Pertussis	0	0	-	0	0	0	3	0	0
Polio	0	0	0	0	0	0	0	0	0
Rubella	0	0	-	0	0	0	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	1	0	0	0	0
Yellow fever	0	-	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey</i>		<i>Official country estimates</i>								
	Year	Result									
BCG	-		92	93	91	93	90	89	49	-	-
DTP1	-		90	89	71	90	90	23	-	-	-
DTP3	-		74	77	64	68	80	39	92	-	-
HepB3	-		97	89	72	74	77	38	-	-	-
Hib3	-		60	69	46	70	80	45	-	-	-
MCV	-		96	86	70	90	80	94	52	-	-
MCV2	-		60	71	92	90	70	6	-	-	-
Pol3	-		95	88	68	80	80	36	89	-	-
TT2plus	-		50	-	50	72	85	53	-	-	-
VitA	-		-	-	46	-	-	95	-	-	-
YFV	-		-	-	-	-	70	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates</i>								
BCG		92	93	91	93	90	89	49		
DTP1		90	89	71	90	90	23	97	-	-
DTP3		74	77	64	68	80	39	92	-	-
HepB3		97	89	72	74	80	36	10	-	-
Hib3		60	69	46	70	80	45	-	-	-
MCV		96	86	70	90	80	94	52	-	-
Pol3		95	88	68	80	80	36	89	-	-

Number of districts in the country	3	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	67
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	
			From 50 to 79%	33
		Proportion of districts not reporting DTP3 coverage	Lesser than 50%	0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth: [Part of country]	TT	1st contact pregnant women; +4 weeks; +6 months; +1, +1 year;
DTaP	2, 4, 6, 12-15 months; 4-6 years;		
HepB	birth; 2, 4-6 months;		
Hib	2, 4, 12 months;		
MMR	12, 13 months;		
OPV	2, 4, 6, 12 months; 4-6 years;		
Td	(Every 10 years)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Mauritania



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	580	GDP per capita (US\$) <sup>1</sup>	2234
Infant (under 12 months) mortality rate	<sup>2</sup> §	64	Child (under 5 years) mortality rate	<sup>2</sup> §	95

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'044	2'963	2'882	2'801	2'721	2'566	1'945	1'503
Live births	102	101	100	98	97	94	78	64
Surviving infants	95	94	93	92	90	87	71	57
Pop. less than 5 years	456	449	441	432	424	406	327	262
Pop. less than 15 years	1'219	1'195	1'171	1'146	1'121	1'071	852	668
Female 15-49 years	735	714	694	673	653	613	449	344

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	-	0	-	-	18	0	
Measles	22	127	5'039	3'611	883	-	1'379	11'441	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	-	87	-	-	-	-	383	7'576	
Polio	0	0	0	0	0	0	7	159	
Rubella	0	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	0	-	2	4	4	-	16	-	
Tetanus (total)	0	-	-	-	-	-	24	12	
Yellow fever	0	-	0	10	0	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2002	96 EPI	86	87	86	84	98	48	79	-	-
DTP1	2002	92 EPI	85	85	83	91	99	-	-	-	-
DTP3	2002	84 EPI	68	71	70	76	83	31	33	-	-
HepB3	-	-	68	42	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2002	84 EPI	62	61	64	71	81	-	38	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-
Pol3	2002	82 EPI	68	71	68	75	80	31	33	-	-
TT2plus	2000	25 DHS	38	34	33	36	40	-	15	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	32	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			86	87	86	84	98	75	79	-	-
DTP1			85	85	83	91	99	70	69	-	-
DTP3			68	71	70	76	83	40	33	-	-
HepB3			68	42	-	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			62	61	64	71	81	62	38	-	-
PAB			62	59	62	58	59	44	24	0	-
Pol3			68	71	68	75	82	44	33	-	-

Number of districts in the country	53	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	11
			From 80 to 89%	9
% of coverage reports received at national level vs number of reports expected			From 50 to 79%	55
			Lesser than 50%	25
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTaP			6, 10, 14 weeks;
HepB			6, 10, 14 weeks;
Measles			9 months;
OPV			birth; 6, 10, 14 weeks;
TT			1st contact pregnancy; +1, +6 months; +1, +1 year; (14-45 years)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Mauritius



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	5'250	GDP per capita (US\$) <sup>1</sup>	12715
Infant (under 12 months) mortality rate	2 §	14	Child (under 5 years) mortality rate	2 §	17

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'252	1'241	1'231	1'220	1'209	1'186	1'057	966
Live births	19	19	19	19	19	20	21	24
Surviving infants	19	19	19	19	19	19	21	23
Pop. less than 5 years	94	95	96	96	97	100	97	109
Pop. less than 15 years	300	303	304	305	304	304	313	344
Female 15-49 years	344	342	341	340	339	335	289	255

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	-	0	-	0	0
Measles	3	7	28	777	-	0	1	35	-
Mumps	1	-	-	-	-	0	-	-	-
Pertussis	0	0	0	0	-	0	12	0	-
Polio	0	0	0	0	0	0	0	0	-
Rubella	3	3	-	-	-	0	-	-	-
Rubella (CRS)	3	-	-	-	-	0	-	-	-
Tetanus (neonatal)	0	0	0	0	-	0	0	4	-
Tetanus (total)	1	0	1	-	-	0	2	5	-
Yellow fever	0	0	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>										
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>										
	Year	Result											
BCG	1984	98 EPI	97	99*	99	92	-	88	87	89	-	-	-
DTP1	1984	93 EPI	96	99	98	93	-	88	-	-	-	-	
DTP3	1984	89 EPI	97	97	98	92	-	88	85	89	-	-	
HepB3	-	-	97	97	98	93	-	88	-	-	-	-	
Hib3	-	-	96	-	-	-	-	-	-	-	-	-	
MCV	1984	57 EPI	99	98	98	94	-	84	76	-	-	-	
MCV2	-	-	85	78	99*	-	-	-	-	-	-	-	
Pol3	1984	89 EPI	98	97	98	93	-	88	86	90	-	-	
TT2plus	1984	EPI	85	88	95	73	-	76	58	1	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>									
			<i>WHO-UNICEF estimates <sup>5</sup></i>									
BCG			97	99	99	92	87	88	87	89		
DTP1			96	99	98	93	92	88	95	96		
DTP3			97	97	98	92	88	88	85	89		
HepB3			97	97	98	92	88	88	-	-		
Hib3			96	-	-	-	-	-	-	-		
MCV			99	98	98	94	84	84	76	-		
PAB			85	86	89	79	79	79	61	1		
Pol3			98	97	98	93	88	88	86	90		

Number of districts in the country	10	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	30
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	70
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	1 month;		
DT	2, 5 years;		
DTwPHib	3, 4, 5 months;		
HepB	3, 4, 5 months: [Part of country] (Workers at risk (firemen, Policemen etc))		
MMR	12 months; 5 years;		
OPV	3, 4, 5 months; 2 years;		
TT	[Part of country] (schoolchildren, pregnant women)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Mexico



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	7'310	GDP per capita (US\$) <sup>1</sup>	10751
Infant (under 12 months) mortality rate	2 §	18	Child (under 5 years) mortality rate	2 §	21

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	105'342	104'266	103'338	102'525	101'734	99'735	84'002	69'325
Live births	2'109	2'131	2'152	2'172	2'191	2'228	2'367	2'348
Surviving infants	2'072	2'092	2'110	2'128	2'144	2'175	2'282	2'227
Pop. less than 5 years	10'445	10'544	10'636	10'720	10'802	10'985	11'097	11'098
Pop. less than 15 years	31'835	32'069	32'306	32'542	32'758	33'045	32'450	31'011
Female 15-49 years	29'140	28'750	28'405	28'094	27'786	27'016	21'032	15'478

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	-	0	0	7	
Measles	23	6	64	44	0	30	68'782	29'730	
Mumps	8'322	8'651	8'425	10'825	-	27'403	-	-	
Pertussis	171	349	137	72	-	53	1'078	5'539	
Polio	0	0	0	0	0	0	7	682	
Rubella	74	38	699	1'652	-	12'554	-	-	
Rubella (CRS)	0	1	5	9	-	0	-	-	
Tetanus (neonatal)	4	1	4	4	-	9	145	0	
Tetanus (total)	54	72	72	82	-	103	381	363	
Yellow fever	-	0	0	0	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1986	73 DHS	99	99	99*	99*	99	99	99	70	48
DTP1	1986	77 DHS	99*	99*	99*	99*	92	90	-	-	-
DTP3	1986	34 DHS	98	98	98	93	91	87	66	44	-
HepB3	-	-	73	98	98	98	91	89	-	-	-
Hib3	-	-	73	98	98	98	91	89	-	-	-
MCV	1986	59 DHS	96	96	96	96	96	96	78	35	-
MCV2	-	-	55	97	-	96	89	98	-	-	-
Pol3	1986	57 DHS	98	98	98	93	92	88	96	91	-
TT2plus	1986	DHS	89	86	84	92	-	78	-	-	-
VitA	-	-	89	88	96	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			99	99	99	99	99	99	99	67	48
DTP1			99	99	99	99	92	90	77	69	-
DTP3			98	98	98	93	91	87	53	44	-
HepB3			98	98	98	98	91	89	-	-	-
Hib3			98	98	98	98	91	89	-	-	-
MCV			96	96	96	96	96	96	75	35	-
PAB			87	86	85	88	85	81	59	5	-
Pol3			98	98	98	93	92	88	66	91	-

Number of districts in the country	2444	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	82
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	10
			From 50 to 79%	2
			Lesser than 50%	5
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Pneumo_conj	>50 years;
DTwP	2, 4 years;	Td	>=12 years (x6) (and pregnant women)
DTwPHibHep	2, 4, 6 months;	Varicella	(children immunocompromised)
HepB	+12 years: (x3)	VitaminA	<4 years: (x2)
Influenza	6-22, 7-23, 17-23 months;		
MMR	1, 6 years;		
MR	13-39 years: (1-4 years from 2006)		
OPV	2, 4, 6 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Micronesia (Federated States of)



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'300	GDP per capita (US\$) <sup>1</sup>	7242
Infant (under 12 months) mortality rate	2 §	35	Child (under 5 years) mortality rate	2 §	44

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	111	110	109	109	108	107	96	73
Live births	3	3	3	3	3	3	3	3
Surviving infants	3	3	3	3	3	3	3	3
Pop. less than 5 years	14	15	15	15	15	15	15	13
Pop. less than 15 years	42	42	42	42	42	43	42	35
Female 15-49 years	27	27	27	27	27	27	22	15

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	-	0	-	0	0	-	-
Measles	0	0	0	0	-	0	1	-	-
Mumps	0	0	0	-	-	-	-	-	-
Pertussis	0	0	0	-	-	9	0	-	-
Polio	0	0	0	0	0	0	0	-	-
Rubella	0	0	0	0	-	-	-	-	-
Rubella (CRS)	0	0	0	0	-	0	-	-	-
Tetanus (neonatal)	0	0	0	1	-	0	0	-	-
Tetanus (total)	0	0	0	2	-	0	0	-	-
Yellow fever	0	-	-	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	55	70	62	64	-	24	12	-
DTP1	-	-	-	83	-	-	95	-	-
DTP3	-	67	94	78	92	-	85	85	-
HepB3	-	84	91	80	89	-	87	-	-
Hib3	-	59	74	65	-	-	75	-	-
MCV	-	83	96	85	91	-	85	81	-
MCV2	-	-	84	74	66	-	50	-	-
Pol3	-	81	94	82	88	-	85	85	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	80	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	55	70	62	64	51	24	12	-
DTP1	86	97	83	97	94	95	95	-
DTP3	67	94	78	92	84	85	85	-
HepB3	84	91	80	89	85	87	56	-
Hib3	59	74	65	68	70	75	-	-
MCV	83	96	85	91	88	85	81	-
Pol3	81	94	82	88	84	85	85	-

Number of districts in the country	4	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTaP	2, 4, 6 months: 5 years:		
HepB	birth: 2, 6 months:		
Hib	2, 4, 12 months:		
MMR	12, 13 months:		
OPV	2, 4, 6 months: 5 years:		
Td	11-12 years:		
VitaminA	1-2 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Monaco



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	<sup>2</sup> §	-	-	Child (under 5 years) mortality rate	<sup>2</sup> §

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	33	33	32	32	32	32	30	26
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	2	2	2	2	2	2	2	2
Pop. less than 15 years	6	6	6	6	6	6	6	6
Female 15-49 years	8	8	8	8	8	8	8	6

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	-	0	0	-	0	0	0
Measles	-	-	-	0	-	-	0	-	-
Mumps	-	-	-	5	-	-	-	-	-
Pertussis	-	-	-	5	-	-	0	-	-
Polio	0	0	0	0	0	0	-	0	
Rubella	-	-	-	5	-	-	-	-	
Rubella (CRS)	-	-	-	0	-	-	-	-	
Tetanus (neonatal)	-	-	-	0	0	-	0	0	
Tetanus (total)	-	-	-	0	0	-	0	0	
Yellow fever	-	-	-	0	0	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	-	-	-	90	90	-	99*	-	-
DTP1	-	-	-	-	-	99*	-	-	-	-
DTP3	-	-	-	-	-	99*	-	99*	-	-
HepB3	-	-	-	-	-	99*	-	-	-	-
Hib3	-	-	-	-	-	99*	-	-	-	-
MCV	-	-	-	-	-	85	-	99*	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	-	-	-	-	-	99*	-	99*	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		90	90	90	90	92	97	99	-	-
DTP1		99	99	99	99	99	99	99	-	-
DTP3		99	99	99	99	99	99	99	-	-
HepB3		99	99	99	99	99	99	-	-	-
Hib3		99	99	99	99	99	99	-	-	-
MCV		99	99	99	99	99	99	99	-	-
Pol3		99	99	99	99	99	99	99	-	-

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule	
Vaccine	Schedule
BCG	birth: (2003 schedule)
DTaPHibHepIPV	>=2 months:
HepA	5 months: 1 year:
HepB	5 months: 1 year:
MenC_conj	2 years:
MMR	1, 3-6 years:
Pneumo_ps	2 months:

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Mongolia



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	690	GDP per capita (US\$) <sup>1</sup>	2107
Infant (under 12 months) mortality rate	2 §	41	Child (under 5 years) mortality rate	2 §	56

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2'605	2'581	2'557	2'533	2'509	2'470	2'216	1'663
Live births	49	49	49	49	49	49	72	64
Surviving infants	47	47	47	47	47	47	66	59
Pop. less than 5 years	233	234	233	232	232	239	354	273
Pop. less than 15 years	728	745	765	786	808	851	924	718
Female 15-49 years	787	772	755	736	717	679	524	387

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	1	5	4	1	0	0
Measles	26	0	0	18	1'205	925	296	5'338	
Mumps	5'073	1'686	417	450	1'659	874	-	-	
Pertussis	0	0	0	0	2	0	3	22	
Polio	0	0	0	0	0	0	0	0	
Rubella	1'229	6	36	13	148	1'550	-	-	
Rubella (CRS)	-	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	0	0	0	1	2	3	1	0	
Yellow fever	-	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1999	96 MICS	98	99	95	95	95	95	95	-	-
DTP1	1999	92 MICS	99	97	99	98	95	95	95	-	-
DTP3	1999	89 MICS	99	99	99	98	94	95	95	-	-
HepB3	-	-	98	98	95	95	94	94	94	-	-
Hib3	-	-	98	99*	-	-	-	-	-	-	-
MCV	1999	86 MICS	99	99	96	95	95	94	94	-	-
MCV2	-	-	96	98	98	98	96	75	75	-	-
Pol3	1999	89 MICS	98	99	95	94	93	92	92	-	-
TT2plus	1999	MICS	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	86	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	98	99	95	95	95	95	81	51
DTP1	99	97	99	98	95	95	94	91
DTP3	99	99	99	98	94	95	84	76
HepB3	98	98	95	95	94	94	-	-
Hib3	56	28	-	-	-	-	-	-
MCV	99	99	96	95	95	94	92	17
Pol3	98	99	95	94	93	92	87	86

Number of districts in the country	342	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DT	7, 15 years:		
DTwP	2, 3, 4 months; 2 years:		
DTwPHibHep	2, 3, 4 months: [Part of country]		
HepB	birth; 2, 8-11 months: [Part of country]		
Measles	8-11 months; 1 year:		
OPV	birth; 2, 3, 4 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Montenegro



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	<sup>2</sup> §	23		Child (under 5 years) mortality rate	<sup>2</sup> § 25

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	601	608	620	635	651	670	587	576
Live births	8	8	8	8	8	9	6	5
Surviving infants	8	8	8	8	8	8	6	5
Pop. less than 5 years	38	39	40	41	43	45	50	54
Pop. less than 15 years	116	119	124	130	137	147	154	159
Female 15–49 years	152	155	158	162	166	170	145	150

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	0	–	–	–	–	–	–	–
Measles	0	–	–	–	–	–	–	–
Mumps	23	–	–	–	–	–	–	–
Pertussis	0	–	–	–	–	–	–	–
Rubella	0	–	–	–	–	–	–	–
Rubella (CRS)	–	–	–	–	–	–	–	–
Tetanus (neonatal)	0	–	–	–	–	–	–	–
Tetanus (total)	0	–	–	–	–	–	–	–
Yellow fever	0	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>					
<i>Last coverage survey <sup>3</sup></i>			<i>Official country estimates <sup>4</sup></i>					
Year	Result							
BCG	–	98	–	–	–	–	–	–
DTP1	–	95	–	–	–	–	–	–
DTP3	–	90	–	–	–	–	–	–
HepB3	–	90	–	–	–	–	–	–
Hib3	–	90	–	–	–	–	–	–
MCV	–	90	–	–	–	–	–	–
MCV2	–	–	–	–	–	–	–	–
Pol3	–	90	–	–	–	–	–	–
TT2plus	–	–	–	–	–	–	–	–
VitA	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>					
<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		98	–	–	–	–	–	–
DTP1		95	–	–	–	–	–	–
DTP3		90	–	–	–	–	–	–
HepB3		90	–	–	–	–	–	–
Hib3		90	–	–	–	–	–	–
MCV		90	–	–	–	–	–	–
Pol3		90	–	–	–	–	–	–

Number of districts in the country	21	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	76
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	19
			From 50 to 79%	5
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	OPV	9, 17, 23 weeks: 18 months: 6 years:
DT	6 years:	Td	14 years:
DTwP	9, 17, 23 weeks: 18 months:	TT	18 years:
HepB	9, 13 weeks: 6–12 months:		
HIB	13, 17, 23 weeks: 18 months:		
Influenza			
IPV	9, 17, 23 weeks:		
MMR	12 months: 6 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Morocco



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'740	GDP per capita (US\$) <sup>1</sup>	4555
Infant (under 12 months) mortality rate	2 §	32	Child (under 5 years) mortality rate	2 §	39

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	30'853	30'495	30'152	29'821	29'495	28'827	24'808	19'567
Live births	635	629	625	623	623	631	734	755
Surviving infants	614	608	603	600	599	604	686	681
Pop. less than 5 years	2'978	2'964	2'967	2'985	3'014	3'087	3'461	3'124
Pop. less than 15 years	9'173	9'234	9'309	9'398	9'497	9'699	9'873	8'312
Female 15-49 years	8'777	8'646	8'505	8'354	8'193	7'845	6'044	4'546

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	-	0	0	0	0	0	43
Measles	1'217	-	6'399	10'841	6'000	7'368	1'577	86'919	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	27	-	47	32	27	22	83	14'873	-
Polio	0	0	0	0	0	0	0	52	-
Rubella	-	-	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	4	-	7	5	5	2	28	-	-
Tetanus (total)	32	-	19	0	18	7	73	81	-
Yellow fever	0	-	-	-	-	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2003	98 DHS	95	95	95	92	92	97	96	-
DTP1	2003	98 DHS	99	99	99	94	93	98	-	-
DTP3	2003	95 DHS	97	98	97	91	94	95	81	-
HepB3	-	-	95	96	95	90	92	43	-	-
Hib3	-	-	10	10	10	4	-	-	-	-
MCV	2003	90 DHS	95	97	95	90	94	93	79	-
MCV2	-	-	92	92	91	-	-	-	-	-
Pol3	2003	95 DHS	97	98	97	91	95	95	81	-
TT2plus	1994	54 DHS	-	48	83	26	26	90	64	-
VitA	-	-	80	89	82	65	75	40	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			95	95	95	92	92	97	96	-
DTP1			99	99	99	94	93	98	93	-
DTP3			97	98	97	91	94	95	81	-
HepB3			95	96	95	90	92	43	-	-
Hib3			10	-	-	-	-	-	-	-
MCV			95	97	95	90	94	93	79	-
PAB			85	85	84	85	86	86	66	0
Pol3			97	98	97	91	94	95	81	-

Number of districts in the country	68	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	68
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	31
			From 50 to 79%	1
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6, 12, 18 months;
DTwP	6, 10, 14 weeks; 18 months;		
DTwPHIB	6, 10, 14 weeks; (From January 2007)		
HepB	birth; 6 weeks; 9 months;		
Measles	9 months;		
MR	6 years;		
OPV	6, 10, 14 weeks; 18 months;		
TT	1st contact: +1, +6 months; +1, +1 year;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Mozambique



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	310	GDP per capita (US\$) <sup>1</sup>	1242
Infant (under 12 months) mortality rate	2 §	100	Child (under 5 years) mortality rate	2 §	170

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	20'971	20'533	20'078	19'610	19'134	18'194	13'544	12'137
Live births	856	856	852	844	833	800	606	563
Surviving infants	771	768	763	754	743	710	521	482
Pop. less than 5 years	3'670	3'620	3'546	3'452	3'345	3'143	2'359	2'177
Pop. less than 15 years	9'293	9'081	8'858	8'626	8'391	7'942	6'308	5'323
Female 15-49 years	5'022	4'941	4'856	4'766	4'673	4'480	3'105	2'845

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	0	11	
Measles	183	12'598	9'396	28'898	7'155	7'375	18'082	30'070	
Mumps	-	-	-	-	651	-	-	-	
Pertussis	-	12	12	13	11	94	451	-	
Polio	0	0	0	0	0	2	1	65	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	17	26	9	24	8	42	34	101	
Tetanus (total)	18	15	30	49	25	65	102	573	
Yellow fever	-	-	-	-	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2002	87 DHS	98	90	90	90	99*	99*	59	-
DTP1	2002	88 DHS	99*	85	80	99*	97	99*	-	-
DTP3	2002	72 DHS	98	75	65	85	84	88	46	-
HepB3	-	-	95	75	65	85	84	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2002	77 DHS	98	75	60	96	94	97	59	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2002	70 DHS	95	75	65	85	37	87	46	-
TT2plus	1996	29 DHS	80	62	60	30	-	61	21	-
VitA	-	-	62	-	-	60	51	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			87	87	87	87	87	84	59	-
DTP1			88	88	88	88	88	84	71	-
DTP3			72	72	72	72	72	68	46	-
HepB3			72	72	72	72	72	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			77	77	77	77	77	71	59	-
PAB			87	77	62	60	64	75	37	0
Pol3			70	70	70	70	70	65	46	-

Number of districts in the country	144	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	77
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	13
			From 50 to 79%	10
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth:
DTwPHep			8, 12, 16 weeks:
Measles			9 months:
OPV			birth: 8, 12, 18 weeks:
TT			1st contact: +1, +6 months: +1, +1 year:
VitaminaA			

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Myanmar



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	69		Child (under 5 years) mortality rate	2 § 102

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	48'379	47'967	47'565	47'170	46'768	45'884	40'147	33'294
Live births	897	902	908	915	924	948	1'091	1'087
Surviving infants	835	838	842	848	855	876	1'000	989
Pop. less than 5 years	4'146	4'173	4'216	4'274	4'340	4'471	5'014	4'770
Pop. less than 15 years	12'935	13'073	13'229	13'397	13'568	13'872	14'301	13'293
Female 15-49 years	13'848	13'699	13'543	13'381	13'207	12'809	10'220	7'759

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	3	5	1	21	50	17	181	830	
Measles	735	302	1'274	830	736	861	7'900	21'457	
Mumps	0	0	-	-	-	-	-	-	
Pertussis	13	11	100	19	61	55	7'882	26'878	
Polio	1	0	0	0	0	44	47	244	
Rubella	0	0	-	-	-	-	-	-	
Rubella (CRS)	0	-	-	-	-	-	-	-	
Tetanus (neonatal)	41	39	49	48	72	41	27	124	
Tetanus (total)	224	186	167	260	257	312	769	2'423	
Yellow fever	0	0	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	2002	93 MICS	85	76	85	79	80	88	67	9
DTP1	2002	91 MICS	86	76	86	80	81	87	-	-
DTP3	2002	83 MICS	82	73	82	77	77	82	69	4
HepB3	-	-	75	62	54	34	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2002	83 MICS	78	72	78	75	75	84	68	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2002	90 MICS	82	73	82	76	77	86	69	-
TT2plus	1999	78 MICS	80	72	80	73	71	81	56	3
VitA	-	-	95	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	85	76	85	80	82	88	95	9
DTP1	86	76	86	80	81	87	96	22
DTP3	82	73	82	78	79	82	88	4
HepB3	75	62	39	8	-	-	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	78	72	78	76	77	84	90	-
PAB	87	87	87	86	84	86	62	3
Pol3	82	73	82	77	78	86	88	-

Number of districts in the country	324	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	25
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	38
			From 50 to 79%	22
			Lesser than 50%	15
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	6, 10, 14 weeks:		
DTwP	6, 10, 14 weeks:		
HepB	6, 10, 14 weeks: (or Birth: 6, 10 weeks:)		
Measles	9 months:		
OPV	6, 10, 14 weeks:		
TT	1st contact pregnancy: +1 month:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Namibia



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'990	GDP per capita (US\$) <sup>1</sup>	7586
Infant (under 12 months) mortality rate	2 §	47	Child (under 5 years) mortality rate	2 §	72

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2'047	2'020	1'994	1'969	1'942	1'879	1'417	993
Live births	53	53	53	53	54	55	58	42
Surviving infants	51	50	50	51	51	52	55	39
Pop. less than 5 years	248	249	251	255	260	270	253	181
Pop. less than 15 years	784	790	794	798	800	796	631	457
Female 15-49 years	526	514	502	492	481	458	333	219

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	0	0	0	0	-	-
Measles	3	4	4	262	1'278	469	-	-	-
Mumps	0	-	-	0	-	-	-	-	-
Pertussis	-	8	7	22	10	30	-	-	-
Polio	18	0	0	0	0	0	0	-	-
Rubella	9	103	874	209	1'100	-	-	-	-
Rubella (CRS)	-	-	-	0	-	-	-	-	-
Tetanus (neonatal)	1	8	6	11	8	10	-	-	-
Tetanus (total)	4	15	15	14	10	148	19	-	-
Yellow fever	-	-	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1999	90 DHS	88	95	71	92	99*	77	88	-
DTP1	1999	92 DHS	-	93	88	87	86	90	-	-
DTP3	1999	79 DHS	74	86	81	92	77	79	59	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	80 DHS	63	73	70	70	68	69	57	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1999	77 DHS	74	86	81	83	78	80	59	-
TT2plus	1991	33 DHS	69	99*	66	63	71	60	50	-
VitA	-	-	-	64	69	56	55	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG	88	95	94	92	81	77	88	-	-	
DTP1	90	93	88	87	86	90	81	-	-	
DTP3	74	86	81	82	77	79	59	-	-	
HepB3	-	-	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	
MCV	63	73	70	70	68	69	57	-	-	
PAB	81	80	78	77	80	73	0	0	-	
Pol3	74	86	81	82	78	80	59	-	-	

Number of districts in the country	34	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	9
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	24
			From 50 to 79%	65
			Lesser than 50%	3
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DT	5, 10 years:		
DTwP	6, 10, 14 weeks:		
Measles	9 months:		
OPV	6, 10, 14 weeks:		
TT	15 years:		
VitaminA	9 months:		
YF	(Regions at risk)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Nauru



Development status	Developing	GNI per capita (US\$)	1	–	GDP per capita (US\$)	1	–
Infant (under 12 months) mortality rate	2 §	–	–	–	Child (under 5 years) mortality rate	2 §	–

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	10	10	10	10	10	10	9	7
Live births	–	–	–	–	–	–	–	–
Surviving infants	–	–	–	–	–	–	–	–
Pop. less than 5 years	1	1	1	1	1	1	1	1
Pop. less than 15 years	3	3	3	3	3	3	3	3
Female 15–49 years	3	3	3	3	3	3	2	2

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	0	0	0	–	0	0	0	0
Measles	0	0	0	–	0	0	300	10
Mumps	0	0	0	–	–	0	–	–
Pertussis	0	0	0	–	0	0	166	0
Polio	0	0	0	0	0	0	0	0
Rubella	0	–	0	–	0	0	–	–
Rubella (CRS)	0	0	0	–	0	0	–	–
Tetanus (neonatal)	0	0	0	–	0	0	4	–
Tetanus (total)	0	0	1	–	0	0	0	0
Yellow fever	0	–	0	–	0	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>		<i>Official country estimates</i>							
Year	Result								

BCG	–	99*	90	90	–	99*	93	–	–
DTP1	–	98	90	90	–	99*	85	–	–
DTP3	–	72	80	80	–	80	44	–	–
HepB3	–	99*	80	75	–	75	58	–	–
Hib3	–	–	–	–	–	–	–	–	–
MCV	–	99*	80	87	–	40	8	–	–
MCV2	–	97	50	60	–	–	–	–	–
Pol3	–	45	80	75	–	59	27	–	–
TT2plus	–	19	–	–	–	–	–	–	–
VitA	–	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates</i>							

BCG	99	90	92	93	95	93	93	–
DTP1	98	90	93	96	99	85	90	–
DTP3	72	80	80	80	80	44	74	–
HepB3	99	80	78	77	75	58	–	–
Hib3	–	–	–	–	–	–	–	–
MCV	99	80	67	53	40	8	–	–
Pol3	45	80	73	66	59	27	74	–

Number of districts in the country	1	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	4 weeks:		
DT	5 years:		
DTwP	2, 4, 6, 18 months:		
HepB	birth; 1, 6 months:		
Measles	9 months:		
MR	1 year:		
OPV	2, 4, 6, 18 months; 5 years:		
TT	(antenatal)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Nepal



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	270	GDP per capita (US\$) <sup>1</sup>	1550
Infant (under 12 months) mortality rate	2 §	57	Child (under 5 years) mortality rate	2 §	77

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	27'641	27'094	26'554	26'021	25'491	24'419	19'114	15'159
Live births	791	786	783	782	782	787	743	616
Surviving infants	746	740	735	733	732	733	669	535
Pop. less than 5 years	3'626	3'611	3'610	3'619	3'632	3'642	3'073	2'455
Pop. less than 15 years	10'631	10'556	10'470	10'372	10'261	9'993	8'001	6'305
Female 15-49 years	6'967	6'782	6'602	6'428	6'258	5'933	4'463	3'533

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	72	46	81	173	108	268	7	82	
Measles	2'838	5'023	12'074	13'344	6'749	9'397	182	561	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	1'092	2'170	3'708	4'479	4'683	6'021	18	1'055	
Polio	5	4	0	0	0	29	6	52	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	42	29	27	51	92	134	0	-	
Tetanus (total)	240	112	104	114	241	305	35	116	
Yellow fever	-	-	0	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2005	93 DHS	93	87	85	91	85	97	98	22	
DTP1	2005	93 DHS	93	81	88	82	84	91	-	-	
DTP3	2005	89 DHS	89	75	80	78	72	80	80	8	
HepB3	2005	69 DHS	69	75	87	15	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	2005	85 DHS	85	74	73	75	71	77	68	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2005	91 DHS	91	78	80	76	72	80	79	-	
TT2plus	2005	64 DHS	72	40	42	30	60	60	23	1	
VitA	-	-	97	95	95	95	95	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			93	87	85	91	85	84	74	22	
DTP1			93	81	88	82	84	84	68	28	
DTP3			89	75	80	78	72	72	43	8	
HepB3			69	41	27	2	-	-	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			85	74	73	75	71	71	57	-	
PAB			83	84	85	84	82	64	35	1	
Pol3			91	78	80	76	72	72	42	-	

Number of districts in the country	75	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	47
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	31
			From 50 to 79%	23
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwPHep			6, 10, 14 weeks;
Jap.Enc.			+1 year: [Part of country] (From July 2007)
Measles			9 months;
OPV			6, 10, 14 weeks;
TT			pregnancy;
Vitamina			6 months: (6-59 months)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Netherlands



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	39'340	GDP per capita (US\$) <sup>1</sup>	32684
Infant (under 12 months) mortality rate	<sup>2</sup> §	5	Child (under 5 years) mortality rate	<sup>2</sup> §	6

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	16'379	16'328	16'264	16'188	16'103	15'924	14'952	14'150
Live births	188	192	195	197	198	198	192	172
Surviving infants	187	191	194	196	197	197	191	171
Pop. less than 5 years	987	999	1'003	1'000	993	982	937	885
Pop. less than 15 years	2'990	3'002	3'005	3'001	2'991	2'959	2'727	3'159
Female 15-49 years	3'906	3'923	3'933	3'938	3'941	3'953	3'967	3'567

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	1	4	11	4	3	1'019	16	178	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	4'298	6'535	9'113	-	5'880	4'836	471	30	
Polio	0	0	0	0	0	0	0	0	
Rubella	11	364	46	1	3	12	-	-	
Rubella (CRS)	0	4	-	-	0	-	-	-	
Tetanus (neonatal)	-	-	-	-	-	-	0	0	
Tetanus (total)	-	-	-	4	-	-	2	8	
Yellow fever	0	0	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	98	98	97	97	97	97	97	96	
HepB3	-	-	-	-	-	-	-	-	-	
Hib3	-	-	97	97	96	96	96	-	-	
MCV	-	-	96	96	95	95	96	94	91	
MCV2	-	-	98	98	-	98	-	-	-	
Pol3	-	-	98	98	98	97	97	97	96	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	98	98	98	98	98	98	98	98	98	
DTP3	98	98	97	97	97	97	97	97	96	
HepB3	-	-	-	-	-	-	-	-	-	
Hib3	97	97	97	96	96	96	96	-	-	
MCV	96	96	96	95	95	96	94	91		
Pol3	98	98	98	98	97	97	97	96		

Number of districts in the country	12	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DTaPHibIPV	2, 3, 4, 11 months:	Pneumo_conj	2, 3, 4, 11 months:
DTaPIPV	4 years: (From August 2006)		
DTIPV	9 years:		
DTwPHibHepIPV	2, 3, 4, 11 months: (children with at least one parent from a country with prevalence >2%. From April 2006)		
HepB	Birth: (children born to HbsAg positive mothers)		
MenC_conj	14 months:		
MMR	14 months; 9 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - New Zealand



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	25'920	GDP per capita (US\$) <sup>1</sup>	24996
Infant (under 12 months) mortality rate	<sup>2</sup> §	5	Child (under 5 years) mortality rate	<sup>2</sup> §	6

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'140	4'097	4'050	4'000	3'948	3'854	3'411	3'113
Live births	57	57	57	56	56	56	59	51
Surviving infants	57	57	56	56	56	56	59	50
Pop. less than 5 years	284	283	282	281	280	281	278	248
Pop. less than 15 years	877	879	881	881	880	875	797	832
Female 15-49 years	1'045	1'039	1'030	1'020	1'008	990	897	763

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	1	0	0	1	
Measles	20	20	33	66	21	65	-	-	
Mumps	48	62	45	57	64	50	-	-	
Pertussis	1'122	2'720	3'489	589	1'068	4'143	91	0	
Polio	0	0	0	0	0	0	0	0	
Rubella	8	13	25	28	33	26	-	-	
Rubella (CRS)	0	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	-	
Tetanus (total)	-	1	1	2	0	0	0	2	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	-	-	-	-	-	-	20	-	
DTP1	-	92	92	-	-	-	89	-	-	
DTP3	-	89	89	-	-	-	90	90	76	
HepB3	-	87	87	-	-	-	90	-	-	
Hib3	-	80	80	-	-	-	90	-	-	
MCV	-	82	82	-	-	-	85	90	80	
MCV2	-	-	-	-	-	-	-	-	-	
Pol3	-	89	89	-	-	-	82	-	-	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>									
	Year	Result								
BCG	-	-	-	-	-	-	-	-	-	
DTP1	92	92	93	94	95	96	96	91		
DTP3	89	89	89	90	90	90	90	76		
HepB3	87	87	88	89	89	90	-	-		
Hib3	80	80	83	85	88	90	-	-		
MCV	82	82	83	84	84	85	90	80		
Pol3	89	89	87	86	84	82	90	-		

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule	
Vaccine	Schedule
DTaPIPV	6 weeks; 3, 5 months; 4, 11 years;
HepB	5 months;
Hib	15 months;
HibHepB	6 weeks; 3 months;
MMR	15 months; 4 years;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Nicaragua



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	950	GDP per capita (US\$) <sup>1</sup>	3674
Infant (under 12 months) mortality rate	2 §	23	Child (under 5 years) mortality rate	2 §	27

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	5'532	5'463	5'394	5'325	5'256	5'108	4'141	3'257
Live births	139	139	139	139	140	143	154	144
Surviving infants	136	136	136	136	136	139	145	132
Pop. less than 5 years	671	672	676	683	691	708	692	610
Pop. less than 15 years	2'059	2'069	2'078	2'085	2'090	2'093	1'903	1'546
Female 15-49 years	1'449	1'420	1'391	1'363	1'335	1'274	936	708

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	5
Measles	0	0	0	0	0	0	0	0	3'784
Mumps	151	219	0	242	261	1'081	-	-	-
Pertussis	148	0	0	0	0	11	0	2'469	-
Polio	0	0	0	0	0	0	0	21	-
Rubella	0	47	6	210	133	396	-	-	-
Rubella (CRS)	-	-	0	-	-	-	-	-	-
Tetanus (neonatal)	0	1	0	0	1	0	15	157	-
Tetanus (total)	6	8	5	5	9	9	0	362	-
Yellow fever	0	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2000	96 DHS	99*	94	88	94	84	96	84	33	
DTP1	2000	97 DHS	94	92	80	86	88	97	-	-	
DTP3	2000	83 DHS	87	86	79	86	85	93	66	15	
HepB3	-	-	87	86	79	86	84	89	-	-	
Hib3	-	-	87	86	79	86	84	89	-	-	
MCV	2000	86 DHS	99*	96	84	93	98	99*	82	15	
MCV2	-	-	-	-	-	-	-	97	-	-	
Pol3	2000	85 DHS	88	87	80	86	85	93	87	20	
TT2plus	2000	42 DHS	-	98	94	90	74	95	-	-	
VitA	-	-	91	98	97	86	84	84	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			99	94	88	94	84	96	84	33	
DTP1			94	92	93	94	95	97	86	37	
DTP3			87	86	79	86	85	83	66	15	
HepB3			87	86	79	86	85	83	-	-	
Hib3			87	86	79	86	85	83	-	-	
MCV			99	96	84	93	98	86	82	15	
PAB			94	93	91	89	90	91	39	0	
Pol3			88	87	80	86	85	85	87	21	

Number of districts in the country	152	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	25
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	34
			From 50 to 79%	39
			Lesser than 50%	2
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6 months: (To 5 years:)
DTwP	18 months;	YF	(travellers)
DTwPHibHep	2, 4, 6 months;		
HepB	(HCW)		
MMR	12 months;		
OPV	2, 4, 6 months;		
Rotavirus	2, 4, 6 months;		
Td	6, 10 (x2), 11 years: ( And CBAW, risk groups)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Niger



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	240	GDP per capita (US\$) <sup>1</sup>	781
Infant (under 12 months) mortality rate	2 §	112	Child (under 5 years) mortality rate	2 §	194

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	13'737	13'264	12'808	12'367	11'941	11'124	7'822	5'784
Live births	683	666	649	632	616	586	439	330
Surviving infants	607	590	574	557	541	508	359	267
Pop. less than 5 years	2'713	2'630	2'548	2'466	2'386	2'227	1'566	1'159
Pop. less than 15 years	6'591	6'360	6'136	5'918	5'706	5'304	3'778	2'793
Female 15-49 years	2'939	2'842	2'749	2'660	2'574	2'411	1'738	1'268

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	29	-	0	2	11	12	102	34	
Measles	59	2'183	63'057	54'190	31'584	21'319	20'463	36'811	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	1'985	1'206	2'159	2'109	2'613	5'585	3'102	8'320	
Polio	11	10	25	40	3	33	32	311	
Rubella	10	-	131	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	21	26	43	37	32	55	39	-	
Tetanus (total)	98	110	176	221	204	286	220	346	
Yellow fever	0	-	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2005	64 MICS	99*	93	72	64	52	35	82	-	
DTP1	2005	58 MICS	99*	97	75	76	41	41	-	-	
DTP3	2005	39 MICS	99*	89	62	52	23	25	35	-	
HepB3	-	-	-	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	2005	47 MICS	99*	83	74	64	48	27	38	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2005	55 MICS	99*	89	62	51	25	31	35	-	
TT2plus	1999	36 MICS	82	54	43	40	36	31	11	-	
VitA	-	-	60	63	-	-	-	-	-	-	
YFV	-	-	58	65	18	31	31	10	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	64	64	62	60	58	54	50	-			
DTP1	58	58	56	54	52	48	46	-			
DTP3	39	39	37	36	34	31	22	-			
HepB3	-	-	-	-	-	-	-	-			
Hib3	-	-	-	-	-	-	-	-			
MCV	47	47	44	42	39	34	25	-			
PAB	71	68	64	63	62	57	17	0			
Pol3	55	55	50	45	41	31	22	-			

Number of districts in the country	42	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	64
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	24
			From 50 to 79%	12
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
DTwPHibHepIPV	6, 10, 14 weeks: (From January 2008)		
Measles	9 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	1st contact: +1, +6 months: +1, +1 year:		
Vitamina	6, 11 months:		
YF	9 months:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Nigeria



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	560	GDP per capita (US\$) <sup>1</sup>	1128
Infant (under 12 months) mortality rate	2 §	112	Child (under 5 years) mortality rate	2 §	191

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	144'720	141'356	138'001	134'659	131'336	124'773	94'454	71'065
Live births	5'909	5'852	5'787	5'713	5'632	5'452	4'478	3'424
Surviving infants	5'248	5'190	5'126	5'056	4'981	4'817	3'944	2'977
Pop. less than 5 years	24'503	24'152	23'767	23'354	22'924	22'073	17'764	13'067
Pop. less than 15 years	63'816	62'673	61'494	60'284	59'053	56'571	43'585	31'745
Female 15-49 years	33'559	32'661	31'781	30'919	30'068	28'381	21'012	16'168

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	312	-	-	-	790	3'995	1'768	165	
Measles	704	110'927	31'521	141'258	42'007	212'183	115'682	162'106	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	10'997	15'609	10'976	-	11'894	38'910	42'929	48'996	
Polio	1'125	830	782	355	202	638	1'873	816	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	1'667	1'903	777	-	752	1'643	1'060	-	
Tetanus (total)	1'167	-	-	-	3'483	1'643	2'703	3'095	
Yellow fever	-	-	-	-	0	0	4'075	8	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2005	69 EPI	42	49	55	-	63	34	80	-	
DTP1	2005	72 EPI	87	45	49	-	-	48	-	-	
DTP3	2005	54 EPI	72	38	38	-	-	38	56	-	
HepB3	2005	41 EPI	36	27	8	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	2005	62 EPI	99*	38	40	-	-	30	48	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2005	61 EPI	67	32	37	-	-	38	55	-	
TT2plus	2002	40 DHS	60	52	30	-	-	-	56	-	
VitA	-	-	-	3	-	-	-	-	-	-	
YFV	-	-	37	36	21	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			69	69	62	55	48	45	80	-	
DTP1			72	72	62	53	43	42	79	-	
DTP3			54	54	44	35	25	24	56	-	
HepB3			41	41	-	-	-	-	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			62	62	53	45	36	35	54	-	
PAB			53	53	52	52	51	51	61	0	
Pol3			61	61	54	46	39	26	55	-	

Number of districts in the country	774	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	32
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	9
			From 50 to 79%	37
			Lesser than 50%	23
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	YF	9 months: (Travellers)
DTwp	6, 10, 14 weeks;		
HepB	birth; 10, 14 weeks;		
Measles	9 months;		
MenACWY	(for moslem pilgrims)		
OPV	birth; 6, 10, 14 weeks;		
TT	(pregnant women)		
Vitamina	6, 12 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Niue



Development status	Developing	GNI per capita (US\$)	1	-	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	2 §	-	-	-	Child (under 5 years) mortality rate	2 §	-

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2	2	2	2	2	2	2	3
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-	-
Pop. less than 15 years	1	1	1	1	1	1	1	1
Female 15-49 years	-	-	-	-	-	-	1	1

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	-	0	0	0	0	0	-	0
Measles	-	0	0	0	0	0	-	22
Mumps	-	0	0	0	0	0	-	-
Pertussis	-	0	0	0	0	0	-	0
Polio	0	0	0	0	0	0	0	0
Rubella	-	0	0	40	0	0	-	-
Rubella (CRS)	-	0	0	0	0	0	-	-
Tetanus (neonatal)	-	0	0	0	0	0	-	0
Tetanus (total)	-	0	0	0	0	0	-	0
Yellow fever	-	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
Antigen	<i>Last coverage survey</i>		<i>Official country estimates</i>						2000	1990	1980
	Year	Result	2006	2005	2004	2003	2002				
BCG	-		99*	97	96	99*	99*	99*	-	-	
DTP1	-		99*	72	99*	99*	99*	99*	-	-	
DTP3	-		99*	85	99*	-	99*	99*	-	-	
HepB3	-		99*	86	99*	-	99*	99*	-	-	
Hib3	-		99*	99*	99*	-	99*	99*	-	-	
MCV	-		99*	99*	99*	-	99*	99*	-	-	
MCV2	-		99*	70	99*	86	90	99*	-	-	
Pol3	-		99*	86	99*	-	99*	99*	-	-	
TT2plus	-		-	-	-	-	-	-	-	-	
VitA	-		-	-	-	-	-	-	-	-	
YFV	-		-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>									
Antigen	<i>WHO-UNICEF estimates</i>		<i>WHO-UNICEF estimates</i>						2000	1990	1980
	Year	Result	2006	2005	2004	2003	2002				
BCG	99		97	96	99	99	99	99	99	85	
DTP1	99		72	99	99	99	99	99	99	27	
DTP3	99		85	99	95	99	99	99	99	7	
HepB3	99		86	99	95	99	99	99	-	-	
Hib3	99		99	99	99	99	99	99	-	-	
MCV	99		99	99	86	99	99	99	99	77	
Pol3	99		86	99	95	99	99	99	99	-	

Number of districts in the country	1	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth;		
DTaPIPV	6 weeks; 3, 5 months; 4 years;		
HepB	birth; 6 weeks; 6 months;		
HIB	6, 10, 14 weeks;		
MMR	15 months; 4 years;		
Td	11 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Norway



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	60'890	GDP per capita (US\$) <sup>1</sup>	41420
Infant (under 12 months) mortality rate	<sup>2</sup> §	3	Child (under 5 years) mortality rate	<sup>2</sup> §	4

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'669	4'639	4'609	4'578	4'547	4'489	4'241	4'086
Live births	56	56	56	56	57	58	59	50
Surviving infants	56	56	56	56	57	57	58	50
Pop. less than 5 years	284	286	288	290	293	298	280	261
Pop. less than 15 years	907	909	910	909	907	897	803	906
Female 15-49 years	1'090	1'085	1'080	1'075	1'071	1'067	1'055	925

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	0	0	7	8	5	0	95	1'322	
Mumps	24	8	7	-	5	1	-	-	
Pertussis	6'587	5'536	7'737	2'765	3'170	3'417	208	2'003	
Polio	0	0	0	0	0	0	0	0	
Rubella	2	1	2	1	1	4	-	-	
Rubella (CRS)	0	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	-	
Tetanus (total)	0	0	0	1	0	0	1	3	
Yellow fever	0	0	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	91	-	-	-	91	-	-	-	-
DTP1	-	-	-	-	91	92	96	-	-	-
DTP3	-	93	91	92	92	93	90	86	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	94	93	94	94	95	93	-	-	-
MCV	-	91	89	89	86	87	88	87	-	-
MCV2	-	91	91	90	89	90	90	-	-	-
Pol3	-	93	91	92	92	93	91	84	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	97	97	97	97	97	97	96	95	-	-
DTP3	93	91	92	92	93	93	90	86	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	94	93	94	94	95	95	93	-	-	-
MCV	91	89	89	86	87	87	88	87	-	-
Pol3	93	91	92	92	93	93	91	84	-	-

Number of districts in the country	19	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	89
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	11
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	14 years:		
DTaPHibIPV	3, 5, 12 months:		
DTaPIPV	(children born after 1998)		
HepB	birth; 1, 6 months: (defined risk groups)		
IPV	15 years:		
MMR	15 months; 12 years:		
Pneumo_conj	3, 5, 12 months:		
Td	(children born before 1998)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Oman



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	2 §	13		Child (under 5 years) mortality rate	2 § 15

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2'546	2'507	2'479	2'459	2'444	2'402	1'843	1'187
Live births	57	57	57	58	59	62	70	57
Surviving infants	56	56	56	57	58	61	68	53
Pop. less than 5 years	269	270	276	285	296	314	321	229
Pop. less than 15 years	844	847	853	861	869	883	813	541
Female 15–49 years	607	588	570	553	536	498	350	247

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	–	0	0	0	0	0	7
Measles	13	25	18	1	5	15	1'262	10'630	–
Mumps	1'127	856	829	1'664	2'497	10'443	–	–	–
Pertussis	39	36	76	149	96	190	49	1'534	–
Polio	0	0	0	0	0	0	0	37	–
Rubella	11	22	9	1	3	3	–	–	–
Rubella (CRS)	1	0	–	0	0	0	–	–	–
Tetanus (neonatal)	0	0	–	0	0	0	0	–	–
Tetanus (total)	2	1	3	3	4	5	3	48	–
Yellow fever	0	0	–	0	0	0	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1994	100	99	98	99	98	98	98	98	96	51
DTP1	1994	100	98	99*	99	98	98	98	98	–	–
DTP3	1994	98	98	99*	99	99	99	99	99*	98	18
HepB3	1994	98	99	99*	99	99*	99*	99*	99*	–	–
Hib3	–	–	98	99*	99	99*	97	–	–	–	–
MCV	1994	98	96	98	98	98	99	99	99*	98	22
MCV2	–	–	97	97	98	98	98	98	99*	–	–
Pol3	1994	98	98	99	99	99*	99*	99*	99*	98	18
TT2plus	1991	–	69	62	58	53	45	44	44	97	39
VitA	–	–	98	98	99	99	98	98	99*	–	–
YFV	–	–	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>										
	Year	Result									
BCG	–	–	99	98	99	98	98	98	98	96	51
DTP1	–	–	98	99	99	99	99	99	99	98	41
DTP3	–	–	98	99	99	99	99	99	99	98	18
HepB3	–	–	99	99	99	99	99	99	99	–	–
Hib3	–	–	98	99	99	99	97	–	–	–	–
MCV	–	–	96	98	98	98	99	99	99	98	22
PAB	–	–	94	94	94	94	94	94	94	93	35
Pol3	–	–	98	99	99	99	99	99	99	98	18

Number of districts in the country	60	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	12, 18 months;
DT	6 years;	OPV	birth; 6 weeks; 3, 5, 7, 18 months; 6, 17 years;
DTwP	18 months;	Rabies	(high risks (animal bites))
DTwPHibHep	6 weeks; 3, 5 months;	Rubella	15–49 years: (post-partum)
HepB	birth;	Td	12, 17 years;
Influenza	(high risk groups)	TT	(Pregnant /Wound)
Measles	12 months;	Typhoid	(food Handlers)
MenACWY	(pilgrims)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immune profile - Pakistan



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	690	GDP per capita (US\$) <sup>1</sup>	2370
Infant (under 12 months) mortality rate	2 §	70	Child (under 5 years) mortality rate	2 §	99

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	160'943	158'081	155'333	152'680	150'036	144'360	112'991	79'222
Live births	4'358	4'281	4'227	4'203	4'209	4'305	4'742	3'490
Surviving infants	4'053	3'975	3'919	3'889	3'888	3'962	4'304	3'096
Pop. less than 5 years	19'012	18'886	18'987	19'282	19'693	20'423	20'636	13'643
Pop. less than 15 years	58'536	58'736	59'083	59'535	59'980	60'289	49'753	33'857
Female 15-49 years	40'074	38'896	37'690	36'465	35'234	32'819	24'505	17'459

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	42	23	24	26	22	13	1'371	14'328	
Measles	7'641	2'981	4'248	4'740	3'903	2'064	21'785	28'573	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	313	133	97	167	233	160	24'545	42'947	
Polio	40	28	53	103	90	199	777	2'980	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	548	518	551	812	935	1'380	1'067	1'085	
Tetanus (total)	610	697	649	890	1'016	1'465	4'080	2'738	
Yellow fever	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2005	78 EPI	89	82	80	82	82	94	93	6
DTP1	2005	75 EPI	90	82	75	77	77	88	-	-
DTP3	2005	65 EPI	83	80	65	67	68	78	83	2
HepB3	2005	61 EPI	83	73	65	63	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2005	63 EPI	80	78	67	61	63	75	76	1
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2005	64 EPI	83	81	65	69	71	74	83	2
TT2plus	2001	38	50	46	45	57	56	51	40	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			89	82	80	82	82	67	80	6
DTP1			90	82	75	77	77	70	77	20
DTP3			83	80	65	67	68	61	54	2
HepB3			83	73	65	63	-	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			80	78	67	61	63	56	50	1
PAB			80	81	79	79	79	71	50	0
Pol3			83	81	65	69	71	61	54	2

Number of districts in the country	132	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	36
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	19
			From 50 to 79%	33
			Lesser than 50%	13
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
DTwPHep	6, 10, 14 weeks:		
HepB	6, 10, 14 weeks:		
Measles	9 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	CBAW 1st contact: +1, +6 months: +1, +1 year:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Palau



Development status	Developing	GNI per capita (US\$)	1	7 1670	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	2 §	-	-	-	Child (under 5 years) mortality rate	2 §	-

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	20	20	20	20	20	19	15	12
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	2	2	2	2	2	2	2	2
Pop. less than 15 years	6	6	6	7	7	7	5	5
Female 15-49 years	6	6	6	6	5	5	4	3

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	0	0	0	0	0
Measles	0	0	0	-	0	0	0	0	0
Mumps	0	0	0	-	0	0	-	-	-
Pertussis	0	0	0	-	0	0	0	0	0
Polio	0	0	0	0	0	0	0	0	0
Rubella	0	0	0	-	0	0	-	-	-
Rubella (CRS)	0	0	0	-	0	0	-	-	-
Tetanus (neonatal)	0	0	0	-	0	0	0	0	0
Tetanus (total)	0	0	0	-	0	0	0	0	0
Yellow fever	0	-	0	-	0	0	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
Antigen	<i>Last coverage survey</i>		<i>Official country estimates</i>								
	Year	Result	2006	2005	2004	2003	2002	2000	1990		
BCG	-	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	98	98	99*	-	99*	95	-	-	-
DTP3	-	-	98	98	98	-	99	96	-	-	-
HepB3	-	-	98	98	98	-	99	96	-	-	-
Hib3	-	-	98	98	98	-	90	96	-	-	-
MCV	-	-	98	98	99*	-	99	83	-	-	-
MCV2	-	-	98	95	98	-	90	75	-	-	-
Pol3	-	-	98	98	98	-	99	96	-	-	-
TT2plus	-	-	-	99*	99*	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>									
Antigen	<i>WHO-UNICEF estimates</i>										
	Year	Result	2006	2005	2004	2003	2002	2000	1990		
BCG	-	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	98	98	99	99	99	98	99	-	-
DTP3	-	-	98	98	98	99	99	96	99	-	-
HepB3	-	-	98	98	98	99	99	96	-	-	-
Hib3	-	-	98	98	98	94	90	96	-	-	-
MCV	-	-	98	98	99	99	99	83	98	-	-
Pol3	-	-	98	98	98	99	99	96	99	-	-

Number of districts in the country	1	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
DTaP	6 weeks: 4, 6, 15, 48 months:		
HepB	6 weeks: 4, 6 months:		
Hib	6 weeks: 4, 6, 15 months:		
IPV	6 weeks: 4, 6, 48 months:		
MMR	12, 15 months:		
Pneumo_conj	6 weeks, 4, 6, 12, 24 months (From May 2007)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Panama



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	4'630	GDP per capita (US\$) <sup>1</sup>	7605
Infant (under 12 months) mortality rate	2 §	19	Child (under 5 years) mortality rate	2 §	25

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'288	3'232	3'175	3'119	3'063	2'950	2'411	1'949
Live births	70	70	70	70	70	69	63	58
Surviving infants	69	69	69	69	69	68	61	56
Pop. less than 5 years	344	343	341	340	337	331	302	272
Pop. less than 15 years	989	981	973	965	957	940	848	790
Female 15-49 years	865	851	837	822	807	777	617	453

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	-	0	0	0	0
Measles	0	0	0	0	0	0	1'891	2'096	
Mumps	205	203	112	112	-	303	-	-	
Pertussis	132	28	12	11	88	66	19	641	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	0	0	-	580	-	-	
Rubella (CRS)	0	0	0	0	-	0	-	-	
Tetanus (neonatal)	0	0	1	0	0	0	5	19	
Tetanus (total)	3	1	3	1	2	4	10	31	
Yellow fever	0	0	0	0	-	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	99*	99*	99*	87	92	99*	97	68
DTP1	-	99*	95	99*	92	-	99*	-	-
DTP3	-	99*	85	99*	86	89	98	86	47
HepB3	-	99*	85	99*	86	-	-	-	-
Hib3	-	99*	85	99*	86	87	-	-	-
MCV	-	94	99	99*	83	79	97	73	71
MCV2	-	60	89	-	-	-	88	-	-
Pol3	-	99*	86	99*	83	85	99*	86	44
TT2plus	-	65	17	41	-	-	32	-	16
VitA	-	30	20	31	-	-	82	-	-
YFV	-	99*	99*	99*	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i> <sup>5</sup>								

BCG	99	99	99	87	92	99	97	68
DTP1	99	95	99	92	96	99	95	72
DTP3	99	85	99	86	89	98	86	47
HepB3	99	85	99	86	87	-	-	-
Hib3	99	85	99	86	87	-	-	-
MCV	94	99	99	83	79	97	73	71
Pol3	99	86	99	83	85	99	86	44

Number of districts in the country	76	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	86
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	11
			From 50 to 79%	4
		Proportion of districts not reporting DTP3 coverage	Lesser than 50%	

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	IPV	2, 4, 6 months: (HIV+ and risk group)
DTwP	4-5 years;	MMR	12 months: 4-5 years;
DTwPHib	M18	MR	>19 years: (x2 dosis if never vaccinated)
DTwPHibHep	2, 4, 6 months;	OPV	birth; 2, 4, 6, 18 months: 4-5 years;
HepA	12, 18 months;	Rotavirus	2, 4 months
HepB	birth; 2,4,6 months;	Td	6 years: (and risk groups)
HIB	2, 4, 6 months;	VitaminA	6, 12, 18, months: [Part of country]
Influenza	<2 and >60 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Papua New Guinea



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	2563
Infant (under 12 months) mortality rate	2 §	62	Child (under 5 years) mortality rate	2 §	86

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	6'202	6'070	5'935	5'798	5'659	5'381	4'131	3'199
Live births	191	193	194	194	194	192	152	124
Surviving infants	179	180	181	182	182	180	141	113
Pop. less than 5 years	898	899	897	893	885	858	655	521
Pop. less than 15 years	2'501	2'465	2'424	2'378	2'329	2'223	1'724	1'434
Female 15–49 years	1'552	1'515	1'478	1'442	1'406	1'336	1'006	695

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	593	–	403	26	15	0	0	0
Measles	1	1'222	1'385	3'863	17'620	7'135	4'575	12'125	–
Mumps	–	–	–	–	–	–	–	–	–
Pertussis	3'051	2'692	2'050	2'123	5'002	2'280	2'084	2'693	–
Polio	0	0	0	0	0	0	9	22	–
Rubella	–	–	–	–	–	–	–	–	–
Rubella (CRS)	–	–	–	–	–	–	–	–	–
Tetanus (neonatal)	58	50	50	54	71	138	–	–	–
Tetanus (total)	58	50	39	–	–	138	115	68	–
Yellow fever	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1995	91 DHS	75	73	74	76	74	81	92	62	
DTP1	1995	79 DHS	85	80	81	88	81	84	97	–	
DTP3	1995	47 DHS	75	61	62	68	61	59	68	32	
HepB3	1995	57 DHS	70	63	60	67	60	57	20	–	
Hib3	–	–	–	–	–	–	–	–	–	–	
MCV	1995	76 DHS	65	–	60	63	61	62	66	–	
MCV2	–	–	55	49	50	53	63	53	–	–	
Pol3	1995	47 DHS	75	50	49	53	47	47	68	29	
TT2plus	–	–	60	–	10	29	34	10	81	50	
VitA	–	–	65	–	–	–	–	–	–	–	
YFV	–	–	–	–	–	–	–	–	–	–	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>										
	Year	Result									
BCG	–	–	75	73	74	76	74	81	92	62	
DTP1	–	–	85	80	81	88	81	84	97	57	
DTP3	–	–	75	61	62	68	61	59	68	32	
HepB3	–	–	70	63	60	67	60	57	20	–	
Hib3	–	–	–	–	–	–	–	–	–	–	
MCV	–	–	65	60	60	63	61	62	67	–	
PAB	–	–	57	56	47	46	47	24	78	45	
Pol3	–	–	75	50	49	53	47	47	68	29	

Number of districts in the country	89	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	27
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	15
			From 50 to 79%	28
			Lesser than 50%	30
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	VitaminA	6, 12 months:
DTwP	1, 2, 3 months:		
DTwPHib	1, 2, 3 months: (From August 2007)		
DTwPHibHep	1, 2, 3 months: (From January 2009)		
HepB	birth: 1, 3 months:		
Measles	6, 9 months:		
OPV	birth: 1, 2, 3 months:		
TT	7, 13 years: (pregnancy)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Paraguay



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'040	GDP per capita (US\$) <sup>1</sup>	4642
Infant (under 12 months) mortality rate	2 §	33	Child (under 5 years) mortality rate	2 §	39

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	6'016	5'904	5'793	5'682	5'571	5'349	4'248	3'198
Live births	153	153	152	152	151	150	142	119
Surviving infants	148	147	147	146	146	145	136	113
Pop. less than 5 years	731	729	725	722	718	711	658	511
Pop. less than 15 years	2'127	2'115	2'102	2'089	2'074	2'042	1'759	1'360
Female 15-49 years	1'507	1'472	1'437	1'402	1'368	1'300	987	724

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	4	2	50	0	10	14	
Measles	0	0	0	0	0	0	1'396	745	
Mumps	234	148	194	544	2'263	527	-	-	
Pertussis	6	13	40	48	36	24	115	652	
Polio	0	0	0	0	0	0	0	7	
Rubella	0	2	1	11	1	96	-	-	
Rubella (CRS)	0	0	1	0	0	-	-	-	
Tetanus (neonatal)	2	2	5	4	8	7	38	99	
Tetanus (total)	11	17	17	26	21	13	50	188	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1995	82 DHS	85	88	92	88	83	79	92	31	
DTP1	1995	81 DHS	84	87	88	85	80	73	-	-	
DTP3	1995	61 DHS	85	87	88	86	87	80	80	17	
HepB3	-	-	85	87	88	55	-	-	-	-	
Hib3	-	-	85	87	88	55	-	-	-	-	
MCV	1995	67 DHS	88	90	89	91	86	92	71	17	
MCV2	-	-	58	28	-	-	82	-	-	-	
Pol3	1995	58 DHS	85	87	88	86	87	73	78	13	
TT2plus	1997	93	72	69	-	-	42	-	55	29	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	31	24	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			75	78	82	78	73	69	75	31	
DTP1			90	91	91	90	91	87	86	40	
DTP3			73	75	76	74	75	68	67	17	
HepB3			73	75	76	74	-	-	-	-	
Hib3			73	75	76	74	-	-	-	-	
MCV			88	90	89	91	86	92	69	19	
PAB			81	78	68	61	61	47	66	26	
Pol3			72	74	75	73	74	60	64	14	

Number of districts in the country	232	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	44
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	21
			From 50 to 79%	34
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	1, 4 years;
DT	(In case of DTP contraindication and >Y7 in case of outbreaks)	MR	1st contact (susceptibles)
DTwP	18 months; 4 years;	OPV	2, 4, 6, 18 months; 4 years;
DTwPHibHep	2, 4, 6 months;	Td	1st contact: +1, +6 months; +1, +1, +1 year: (CBAW and >Y7 if not fully immunized)
HepB	contact: +1, +6 months: (high risk groups)	YF	<1 year: (high risk (border and travellers); whole country in Jan 2007)
Influenza	<2 and >60 years: (and other high risk groups)		
MenAC	1st contact (control of outbreaks)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Peru



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'650	GDP per capita (US\$) <sup>1</sup>	6039
Infant (under 12 months) mortality rate	2 §	24	Child (under 5 years) mortality rate	2 §	32

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	27'589	27'274	26'959	26'641	26'321	25'663	21'762	17'325
Live births	584	583	585	587	592	605	660	620
Surviving infants	570	569	569	570	573	584	622	564
Pop. less than 5 years	2'815	2'822	2'841	2'868	2'903	2'979	2'968	2'724
Pop. less than 15 years	8'604	8'665	8'721	8'772	8'814	8'856	8'314	7'263
Female 15-49 years	7'327	7'205	7'085	6'965	6'846	6'611	5'359	4'031

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	44	185	
Measles	0	0	0	0	0	1	737	19'246	
Mumps	0	-	0	0	0	-	-	-	
Pertussis	84	127	201	68	54	68	1'134	12'134	
Polio	0	0	0	0	0	0	3	182	
Rubella	658	2'982	1'759	330	420	-	-	-	
Rubella (CRS)	11	5	1	1	1	-	-	-	
Tetanus (neonatal)	4	2	4	11	7	10	93	294	
Tetanus (total)	28	44	52	68	56	57	124	525	
Yellow fever	63	66	67	26	43	6	17	30	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2004	95 DHS	99*	93	91	94	92	93	83	57
DTP1	2004	98 DHS	98	87	84	92	91	91	-	-
DTP3	2004	85 DHS	94	89	91	94	95	98	72	16
HepB3	-	-	94	89	87	60	-	44	-	-
Hib3	-	-	94	89	91	36	35	38	-	-
MCV	2004	87 DHS	99*	80	89	95	95	-	64	23
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2004	79 DHS	95	85	91	95	95	-	73	16
TT2plus	1999	59 DHS	-	81	12	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	91	78	57	-	-	8	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			99	93	91	94	92	93	83	57
DTP1			98	87	84	92	96	97	89	39
DTP3			94	89	91	94	95	91	72	16
HepB3			94	89	87	60	-	-	-	-
Hib3			94	89	91	36	35	38	-	-
MCV			99	80	89	95	95	97	64	23
PAB			82	81	71	67	66	65	19	0
Pol3			95	85	91	95	95	89	73	16

Number of districts in the country	1832	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	51
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	14
			From 50 to 79%	24
			Lesser than 50%	11
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	2, 3, 4 months;
DT	1st contact: +2, +4 months; (When P is contraindicated)	Td	CBAW 1st contact: +1, +6 months; +1, +1 years;
DTwP	3 months;	VitaminA	(M6 to M59 and pregnant women)
DTwPHibHep	2, 4 months;	YF	1 year;
HepB	birth;		
Hib	3 months;		
MMR	12 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Philippines



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'320	GDP per capita (US\$) <sup>1</sup>	5137
Infant (under 12 months) mortality rate	2 §	24	Child (under 5 years) mortality rate	2 §	29

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	86'264	84'566	82'868	81'172	79'490	76'213	61'226	48'088
Live births	2'295	2'289	2'278	2'261	2'238	2'181	2'013	1'763
Surviving infants	2'239	2'232	2'218	2'199	2'174	2'114	1'917	1'647
Pop. less than 5 years	11'027	10'924	10'782	10'605	10'415	10'101	9'171	7'816
Pop. less than 15 years	30'895	30'578	30'238	29'878	29'508	28'781	25'041	20'735
Female 15-49 years	22'022	21'549	21'083	20'623	20'166	19'248	14'814	11'189

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	47	118	89	88	62	88	921	1'910	
Measles	9	118	3'025	10'511	7'003	7'120	42'938	26'765	
Mumps	-	0	-	-	-	-	-	-	
Pertussis	41	20	10	9	8	23	4'135	19'844	
Polio	0	0	0	0	0	0	85	432	
Rubella	-	0	25	-	-	-	-	-	
Rubella (CRS)	-	0	-	-	-	-	-	-	
Tetanus (neonatal)	161	177	250	239	163	281	291	1'506	
Tetanus (total)	1'232	922	1'293	1'151	1'165	1'135	2'286	3'080	
Yellow fever	-	0	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	2002	91 DHS	91	92	81	71	75	81	96	74
DTP1	2002	90 DHS	90	92	82	67	75	81	-	-
DTP3	2002	79 DHS	88	88	78	66	70	79	88	47
HepB3	1995	38 MICS	77	49	42	-	31	3	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2002	80 DHS	92	93	83	55	73	80	85	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2002	80 DHS	88	88	76	69	70	75	88	50
TT2plus	1999	34 MCH	42	46	52	27	45	58	47	9
VitA	-	-	85	88	89	55	93	74	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	91	92	91	91	91	91	91	96	56
DTP1	90	92	90	90	90	90	90	96	72
DTP3	88	88	79	79	79	80	88	47	
HepB3	77	49	42	47	38	19	-	-	
Hib3	-	-	-	-	-	-	-	-	
MCV	92	93	80	80	80	81	85	-	
PAB	64	66	64	60	66	72	57	8	
Pol3	88	88	80	80	80	77	88	50	

Number of districts in the country	186	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	20
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	23
			From 50 to 79%	57
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
HepB	birth; 6, 14 weeks:		
Measles	9 months:		
OPV	6, 10, 14 weeks:		
TT	1st contact pregnancy; +1,+ 6 months; +1, +1 year:		
Vitamina	6, 12, 18, 24, 30, 36 months: (6-71 months)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \*% indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Poland



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	7' 160	GDP per capita (US\$) <sup>1</sup>	13847
Infant (under 12 months) mortality rate	2 §	7	Child (under 5 years) mortality rate	2 §	8

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	38'140	38'196	38'247	38'294	38'338	38'433	38'111	35'574
Live births	358	357	357	358	361	375	555	701
Surviving infants	356	355	354	355	358	371	546	686
Pop. less than 5 years	1'765	1'775	1'796	1'830	1'876	2'003	2'953	3'242
Pop. less than 15 years	6'057	6'236	6'434	6'651	6'885	7'404	9'573	8'628
Female 15-49 years	9'846	9'930	10'005	10'070	10'122	10'178	9'388	9'103

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	1	0	0	0
Measles	120	13	11	48	34	77	56'471	24'882	-
Mumps	15'115	71'945	135'179	87'336	39'978	17'548	-	-	-
Pertussis	1'525	1'925	2'954	2'034	1'788	2'269	292	232	-
Polio	0	0	0	0	0	0	0	3	-
Rubella	20'668	7'946	4'857	10'588	40'518	46'181	-	-	-
Rubella (CRS)	0	0	0	0	2	1	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	0	0	-
Tetanus (total)	22	15	25	30	20	14	65	89	-
Yellow fever	0	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	94	94	94	93	95	96	97	93	
DTP1	-	-	-	-	-	-	-	-	-	
DTP3	-	99	99	99	99	99	98	96	96	
HepB3	-	98	98	98	97	98	99	-	-	
Hib3	-	31	22	-	-	-	-	-	-	
MCV	-	99	98	97	97	98	97	95	92	
MCV2	-	99	90	49	97	97	96	-	-	
Pol3	-	99	99	99	98	98	98	96	96	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		94	94	94	93	95	96	97	93	
DTP1		99	99	99	99	99	98	98	98	
DTP3		99	99	99	99	99	98	96	96	
HepB3		98	98	98	97	98	99	-	-	
Hib3		31	22	-	-	-	-	-	-	
MCV		99	98	97	97	98	97	95	92	
Pol3		99	99	99	98	98	98	96	96	

Number of districts in the country	379	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	13-14 months; 10 years;
DTaP	6 years;	OPV	6 years;
DTwP	6-8 weeks; 3-4, 5, 16-18 months;	Td	14, 19 years;
HepB	birth; 2, 6-7 months; (also 14 years, +1, +6 months only for persons not vaccinated in the past)		
Hib	2, 4, 12-15 months; (children in orphanages; children with >= 2 siblings)		
IPV	3-4, 5, 16-18 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Portugal



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	17 190	GDP per capita (US\$) <sup>1</sup>	20410
Infant (under 12 months) mortality rate	<sup>2</sup> §	5	Child (under 5 years) mortality rate	<sup>2</sup> §	7

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	10'579	10'528	10'472	10'410	10'346	10'227	9'983	9'766
Live births	113	113	113	113	113	113	116	161
Surviving infants	112	112	112	113	113	112	115	157
Pop. less than 5 years	557	556	556	555	555	553	562	838
Pop. less than 15 years	1'653	1'650	1'647	1'646	1'647	1'660	2'037	2'534
Female 15-49 years	2'624	2'627	2'627	2'623	2'617	2'604	2'500	2'448

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	90
Measles	0	7	5	8	8	45	407	-	-
Mumps	193	4	219	231	298	6'493	-	-	-
Pertussis	22	78	38	4	2	22	101	71	-
Polio	0	0	0	0	0	0	0	0	-
Rubella	9	227	8	14	29	58	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	0	9	-
Tetanus (total)	7	8	9	6	11	15	34	73	-
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1997	87	99	89	83	81	84	82	88	-	
DTP1	-	-	96	94	94	98	-	99	-	-	
DTP3	1997	98	97	93	95	99	94	96	89	73	
HepB3	-	-	97	94	94	94	97	58	-	-	
Hib3	-	-	97	93	95	99	94	86	-	-	
MCV	1997	99	97	93	95	96	92	87	85	54	
MCV2	-	-	95	-	-	-	-	49	-	-	
Pol3	1997	97	97	93	95	96	94	96	89	18	
TT2plus	-	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			89	89	83	81	81	82	88	-	
DTP1			94	94	98	99	98	99	96	90	
DTP3			93	93	95	99	98	96	89	73	
HepB3			94	94	94	94	82	58	-	-	
Hib3			93	93	95	99	94	86	-	-	
MCV			93	93	95	96	93	87	85	54	
Pol3			93	93	95	96	96	96	89	18	

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	95
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	5
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	15 months; 5-6 years;
DTwP	5-6 years;	OPV	2, 4, 6 months; 5-6 years;
DTwPHib	2, 4, 6, 18 months;	Td	10-13 years; (every 10 years)
HepB	birth; 2, 6 months; (10-13 years only for cohorts born before 1999 and 1st contact for high risk groups +1, +6 months)	Typhoid	(travellers)
IPV	2, 4, 6 months; 5-6 years; (immunocompromised and their households; travellers)	YF	(travellers)
MenACWY	(travellers)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Qatar



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	8		Child (under 5 years) mortality rate	2 § 10

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	821	796	764	727	687	617	467	229
Live births	13	13	13	13	12	12	11	7
Surviving infants	13	13	13	13	12	12	10	7
Pop. less than 5 years	64	63	61	60	59	57	52	27
Pop. less than 15 years	176	173	170	167	165	158	130	74
Female 15-49 years	163	158	152	145	138	124	82	43

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	-	0	0	0	0	0	1
Measles	144	74	29	24	34	46	314	392	
Mumps	185	140	-	96	80	65	-	-	
Pertussis	15	7	-	4	8	1	18	219	
Polio	0	0	0	0	0	0	1	2	
Rubella	34	36	-	35	21	16	-	-	
Rubella (CRS)	0	0	-	0	0	0	-	-	
Tetanus (neonatal)	0	0	-	0	0	0	0	-	
Tetanus (total)	0	0	1	1	0	0	0	7	
Yellow fever	0	0	-	0	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1997	96	99*	99*	99*	99*	99*	99*	99*	97	4
DTP1	1997	95	99*	99*	99	96	96	96	92	-	-
DTP3	1997	91	96	97	96	92	96	96	80	82	61
HepB3	1997	85	96	97	97	93	98	98	89	-	-
Hib3	-	-	96	97	96	96	96	96	92	-	-
MCV	1997	90	99	99*	99	93	99*	99*	91	79	26
MCV2	-	-	87	98	-	91	91	91	-	-	-
Pol3	1997	88	95	98	95	93	96	96	91	82	61
TT2plus	1997	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>										
	Year	Result									
BCG			99	99	99	99	99	99	99	97	4
DTP1			99	99	99	96	96	96	92	94	82
DTP3			96	97	96	92	96	96	80	82	61
HepB3			96	97	97	93	98	98	89	-	-
Hib3			96	97	96	96	96	96	92	-	-
MCV			99	99	99	93	99	99	91	79	26
Pol3			95	98	95	93	96	96	91	82	61

Number of districts in the country	2	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	IPV	[Part of country](acquired only for autoimmune disorders)
DT	4-6 years;	MenACWY	>2 years; booster every 3 years; [Part of country] (pilgrims and travelers, army (as required))
DTwPHiB	2, 4, 6, 18 months; [Part of country]	MMR	12 months; 4-6 years; (screening 11-13 years old girls for vaccine documentation)
DTwPHiBHep	2, 4, 6 months;	Mumps	[Part of country](military, police recruits)
HepB	birth; 1st visit; +6-8 weeks; +5 months; (and medical practitioners, defaulters & high risk groups)	OPV	2, 4, 6, 18 months; 4-6 years;
HIB	[Part of country]	Pneumo_conj	2, 4, 6, 18 months;
Influenza	[Part of country](pilgrims and health care workers)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Republic of Korea



Development status	Developing	GNI per capita (US\$)	1	15'840	GDP per capita (US\$)	1	22029
Infant (under 12 months) mortality rate	2 §	4		Child (under 5 years) mortality rate	2 §		5

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	48'050	47'870	47'684	47'490	47'282	46'780	42'869	38'124
Live births	455	463	474	489	508	554	700	850
Surviving infants	453	461	472	487	505	551	690	827
Pop. less than 5 years	2'369	2'444	2'548	2'674	2'814	3'076	3'280	4'292
Pop. less than 15 years	8'707	8'923	9'116	9'288	9'444	9'750	11'077	12'961
Female 15-49 years	13'232	13'277	13'314	13'342	13'355	13'313	12'116	9'986

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	-	-	0	51	
Measles	25	6	11	33	41	32'088	3'415	5'097	
Mumps	2'090	1'860	1'744	1'518	281	3'057	-	-	
Pertussis	17	10	6	5	10	28	174	1'554	
Polio	0	0	0	0	0	0	0	14	
Rubella	18	12	15	8	12	153	-	-	
Rubella (CRS)	-	-	-	0	-	-	-	-	
Tetanus (neonatal)	0	-	-	-	-	-	0	-	
Tetanus (total)	10	11	11	8	-	6	0	1	
Yellow fever	0	0	0	0	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey</i>		<i>Official country estimates</i>						
	Year	Result							

BCG	-		98	97	93	87	89	73	72	-
DTP1	-		98	98	95	97	97	97	-	-
DTP3	-		98	96	88	97	97	97	74	70
HepB3	-		99	99	92	91	92	93	-	-
Hib3	-		-	-	-	-	-	-	-	-
MCV	-		99*	99*	99*	96	97	95	93	4
MCV2	-		99*	99*	99*	95	95	39	-	-
Pol3	-		98	96	90	94	99	99	74	89
TT2plus	-		-	-	-	-	-	-	-	-
VitA	-		-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i>								

BCG	98	97	93	87	89	73	72	-	
DTP1	98	98	95	97	97	97	90	-	
DTP3	98	96	88	97	97	97	74	-	
HepB3	99	99	92	91	92	93	-	-	
Hib3	-	-	-	-	-	-	-	-	-
MCV	99	99	99	96	97	95	93	4	
Pol3	98	96	90	94	99	99	74	-	

Number of districts in the country	251	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth-1 month:	Typhoid	(3-4time(oral) 1time(VI))
DTwP	2, 4, 6, 15-18 months: 4-6 years:	Varicella	12-15 months:
HepB	birth: 1, 6 months:		
Influenza			
IPV	2, 4, 6-18 months: 4-6 years:		
Jap.Enc.	12-24 months: +1-2 weeks: +1 year: 6, 12 years:		
MMR	12-15 months: 4-6 years:		
Td	11-12 years:		

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Republic of Moldova



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	930	GDP per capita (US\$) <sup>1</sup>	2100
Infant (under 12 months) mortality rate	<sup>2</sup> §	16	Child (under 5 years) mortality rate	<sup>2</sup> §	19

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'833	3'877	3'925	3'978	4'033	4'145	4'389	4'010
Live births	44	44	44	45	46	49	82	84
Surviving infants	43	43	44	44	45	48	80	80
Pop. less than 5 years	213	217	222	227	235	255	443	378
Pop. less than 15 years	742	776	816	862	910	1'006	1'240	1'072
Female 15-49 years	1'019	1'032	1'044	1'056	1'067	1'087	1'100	1'074

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	1	10	6	-	-
Measles	34	6	4	87	4'929	687	3'242	-	-
Mumps	296	368	424	-	1'579	1'942	-	-	-
Pertussis	43	24	105	31	5	169	266	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	14	32	170	508	7'311	2'803	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	0	0	1	0	0	1	-	-	-
Yellow fever	0	0	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2004	100 DHS	99	97	96	98	99	98	-	-	-
DTP1	2004	98 DHS	97	98	99	99	98	94	-	-	-
DTP3	2004	92 DHS	97	98	98	98	97	91	-	-	-
HepB3	2004	94 DHS	98	99	99	99	99	88	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2004	91 DHS	96	97	96	96	94	87	-	-	-
MCV2	-	-	99	98	98	96	69	-	-	-	-
Pol3	2004	94 DHS	98	98	98	98	98	92	-	-	-
TT2plus	1999	MICS	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			99	97	96	98	99	98	-	-	-
DTP1			97	98	99	99	98	94	-	-	-
DTP3			97	98	98	98	97	91	-	-	-
HepB3			98	99	99	99	99	88	-	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			96	97	96	96	94	87	-	-	-
Pol3			98	98	98	98	98	92	-	-	-

Number of districts in the country	44	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	98
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	2
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	2 days; 6-7 years;		
DT	7 years;		
DTwP	2, 4, 6, 22 months;		
HepB	1 day; 1, 6 months;		
MMR	12 months; 6-7 years;		
OPV	2, 4, 6, 22 months; 6 years;		
Td	15, 20, 25, 30, 35, 40, 50, 60 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Romania



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	3'910	GDP per capita (US\$) <sup>1</sup>	9060
Infant (under 12 months) mortality rate	<sup>2</sup> §	15	Child (under 5 years) mortality rate	<sup>2</sup> §	18

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	21'532	21'628	21'726	21'826	21'928	22'138	23'207	22'201
Live births	213	214	216	218	220	225	318	385
Surviving infants	209	211	213	215	217	221	310	374
Pop. less than 5 years	1'058	1'067	1'080	1'095	1'112	1'137	1'805	2'006
Pop. less than 15 years	3'314	3'388	3'496	3'633	3'786	4'078	5'469	5'922
Female 15-49 years	5'553	5'602	5'636	5'657	5'669	5'692	5'587	5'328

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	12
Measles	3'196	5'043	117	9	14	35	4'691	10'476	-
Mumps	14'519	59'893	64'427	48'210	38'827	26'542	-	-	-
Pertussis	33	57	231	94	90	493	817	11'441	-
Polio	0	0	0	0	0	0	5	125	-
Rubella	3'563	6'801	47'444	120'377	11'079	5'125	-	-	-
Rubella (CRS)	1	1	8	7	5	20	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	1	-	-
Tetanus (total)	10	8	11	13	21	14	33	33	-
Yellow fever	0	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	99	98	99	99*	99*	99*	90	-	
DTP1	-	-	-	-	-	-	-	-	-	
DTP3	-	97	-	-	97	-	99	96	-	
HepB3	-	99	98	99	99	99	98	-	-	
Hib3	-	-	-	-	-	-	-	-	-	
MCV	-	95	97	97	97	98	98	92	-	
MCV2	-	96	96	97	97	97	97	-	-	
Pol3	-	97	97	97	97	-	99	92	-	
TT2plus	-	-	-	40	-	38	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		99	98	99	99	99	99	90	-	
DTP1		98	98	98	98	98	99	98	-	
DTP3		97	97	97	97	98	99	96	-	
HepB3		99	98	99	98	99	98	-	-	
Hib3		-	-	-	-	-	-	-	-	
MCV		95	97	97	97	98	98	92	-	
Pol3		97	97	97	97	98	99	92	-	

Number of districts in the country	42	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	98
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	2
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	2, 4, 6, 12 months; 9 years;
DT	7, 14 years;	Rubella	14 years;
DTwP	4, 12, 30-35 months;	Td	[Part of country](every 10 years)
DTwPHep	2, 6 months;	TT	[Part of country](injury)
HepA	[Part of country](outbreak contacts)	Typhoid	[Part of country](Flooding)
HepB	birth;	YF	[Part of country](travellers)
Influenza	(risk groups)		
MMR	12-15 months; 7 years;		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Russian Federation



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	4'460	GDP per capita (US\$) <sup>1</sup>	10845
Infant (under 12 months) mortality rate	2 §	17	Child (under 5 years) mortality rate	2 §	21

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	143'221	143'953	144'696	145'438	146'159	147'423	148'615	138'655
Live births	1'506	1'492	1'470	1'443	1'412	1'354	2'013	2'280
Surviving infants	1'481	1'467	1'445	1'418	1'387	1'328	1'967	2'216
Pop. less than 5 years	7'195	7'065	6'911	6'746	6'602	6'530	11'513	10'676
Pop. less than 15 years	21'272	21'745	22'447	23'355	24'416	26'708	34'134	30'018
Female 15-49 years	39'500	39'860	40'087	40'188	40'181	39'959	36'193	36'706

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	178	353	505	655	778	771	1'211	-
Measles	1'147	454	2'444	3'291	580	4'800	18'370	-
Mumps	2'361	3'027	4'366	9'191	11'490	40'976	-	-
Pertussis	8'208	4'644	11'085	12'523	5'455	29'983	24'960	-
Polio	0	0	0	0	0	0	-	-
Rubella	133'289	144'985	146'220	125'187	341'345	457'378	-	-
Rubella (CRS)	10	2	2	2	-	11	-	-
Tetanus (neonatal)	-	-	-	-	0	0	-	-
Tetanus (total)	15	29	35	25	31	33	-	-
Yellow fever	-	-	-	-	0	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							
BCG	-	97	97	96	97	97	96	-	-
DTP1	-	-	-	-	-	-	97	-	-
DTP3	-	99	98	97	98	96	96	-	-
HepB3	-	98	97	96	94	82	-	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	-	99	99	98	96	98	97	-	-
MCV2	-	97	97	97	96	98	-	-	-
Pol3	-	99	98	98	97	97	97	-	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>							
		<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG		97	97	96	97	97	96	-	-
DTP1		99	98	98	98	98	97	-	-
DTP3		99	98	97	98	96	97	-	-
HepB3		98	97	96	94	82	-	-	-
Hib3		-	-	-	-	-	-	-	-
MCV		99	99	98	96	98	97	-	-
Pol3		99	98	98	97	97	97	-	-

Number of districts in the country	88	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% 100 From 80 to 89% 0 From 50 to 79% 0 Lesser than 50% 0
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth: 7-14 years:	IPV	3, 4.5, 6 months:
Dip	+ 10 years: (Given to those already vaccinated with tetanos after injury)	Measles	12 months: 6 years:
DT	3, 4.5, 18 months:	MM	12 months: 6 years:
DTwP	3, 4.5, 6, 18 months:	MMR	12 months: 6 years: [Part of country]
DTwPHep	6 months:	Mumps	12 months: 6 years:
HepB	birth: 1, 6 months: (given to medical workers and students)	OPV	3, 4.5, 6, 18, 20 months: 14 years:
		Pneumo_ps	[Part of country](risk groups)
		Rubella	12 months: 6 years:

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Rwanda



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	230	GDP per capita (US\$) <sup>1</sup>	1206
Infant (under 12 months) mortality rate	2 §	114	Child (under 5 years) mortality rate	2 §	189

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	9'464	9'234	9'052	8'912	8'762	8'176	7'294	5'197
Live births	420	405	388	370	351	314	328	288
Surviving infants	372	358	343	327	310	277	287	251
Pop. less than 5 years	1'617	1'557	1'511	1'477	1'446	1'347	1'561	1'004
Pop. less than 15 years	4'078	4'013	3'989	4'001	4'016	3'896	3'664	2'414
Female 15-49 years	2'425	2'357	2'290	2'225	2'152	1'942	1'570	1'203

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	0	0	0	0	14	3	
Measles	494	129	386	1'064	2'738	2'095	8'970	80'402	
Mumps	-	0	-	0	-	-	-	-	
Pertussis	-	0	0	0	0	0	177	16'189	
Polio	0	0	0	0	0	0	0	24	
Rubella	25	31	-	10	0	-	-	-	
Rubella (CRS)	-	0	-	0	0	-	-	-	
Tetanus (neonatal)	2	4	3	0	18	5	1	-	
Tetanus (total)	2	12	13	93	0	10	18	103	
Yellow fever	-	0	-	0	0	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								

BCG	2004	97 DHS	98	91	86	88	99*	81	57	-
DTP1	2004	97 DHS	99*	95	94	97	95	93	-	-
DTP3	2004	87 DHS	99*	95	89	96	88	90	57	-
HepB3	-	-	99*	95	89	96	88	-	-	-
Hib3	-	-	99*	95	89	96	88	-	-	-
MCV	2004	86 DHS	95	89	84	90	69	57	55	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2004	84 DHS	99*	95	89	96	85	90	58	-
TT2plus	2002	76	61	54	51	51	58	-	87	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>									
	<i>WHO-UNICEF estimates <sup>5</sup></i>									

BCG	98	91	86	88	99	81	92	-
DTP1	99	95	94	97	95	93	94	-
DTP3	99	95	89	96	88	90	84	-
HepB3	99	95	89	96	88	-	-	-
Hib3	99	95	89	96	88	-	-	-
MCV	95	89	84	90	69	74	83	-
PAB	82	79	78	77	79	81	85	0
Pol3	99	95	89	96	85	90	83	-

Number of districts in the country	30	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	87
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	7
			From 50 to 79%	7
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwPHibHep	6, 10, 14 weeks:		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks:		
TT	1, 2, 6 months; 1, 2 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Saint Kitts and Nevis



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	-	-	Child (under 5 years) mortality rate	2 §

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	50	49	49	48	47	46	41	43
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	5	5	5	5	5	5	5	5
Pop. less than 15 years	14	14	14	14	14	14	13	16
Female 15-49 years	13	13	13	13	12	12	11	11

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	80	305	
Mumps	0	0	0	0	-	0	-	-	
Pertussis	0	0	0	0	0	0	0	0	
Polio	0	0	0	0	0	0	-	0	
Rubella	0	0	0	0	-	0	-	-	
Rubella (CRS)	-	0	0	0	-	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	0	0	0	0	0	0	0	2	
Yellow fever	0	0	0	0	-	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	99*	99*	89	99*	99	99*	-	-	
DTP1	-	99	99*	87	94	96	99*	-	-	
DTP3	-	99*	99*	96	99	97	99	99*	56	
HepB3	-	99*	99*	96	99	96	99*	-	-	
Hib3	-	99	99*	95	99*	95	12	-	-	
MCV	-	99*	99*	98	98	99*	99*	99*	-	
MCV2	-	-	-	98	-	-	99	-	-	
Pol3	-	99	99*	96	99	97	99	99*	76	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		99	99	89	99	99	99	80	-	
DTP1		99	99	87	94	96	99	99	79	
DTP3		99	99	96	99	97	99	99	56	
HepB3		99	99	96	99	96	99	-	-	
Hib3		99	99	95	99	95	12	-	-	
MCV		99	99	98	98	99	99	99	-	
Pol3		99	99	96	99	97	99	99	76	

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	82
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	6
			From 50 to 79%	12
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule	
Vaccine	Schedule
BCG	birth-4 weeks:
DTwPHibHep	2, 4, 6 months:
MMR	1, 2 years:
OPV	2, 4, 6, 18 months: 4.5, 11 years:
Td	11, 16 years: (And adults)
YF	(travellers to endemic countries)

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Saint Lucia



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	–
Infant (under 12 months) mortality rate	2 §	13		Child (under 5 years) mortality rate	2 § 17

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	163	161	159	158	156	153	138	118
Live births	3	3	3	3	3	3	3	4
Surviving infants	3	3	3	3	3	3	3	4
Pop. less than 5 years	15	15	15	14	14	14	17	17
Pop. less than 15 years	45	45	45	46	46	47	50	52
Female 15–49 years	46	45	44	44	43	41	33	26

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	–	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	30	35	
Mumps	0	–	0	0	1	–	–	–	
Pertussis	0	–	0	0	0	0	7	20	
Polio	0	0	0	0	0	0	–	0	
Rubella	0	–	4	0	–	–	–	–	
Rubella (CRS)	0	–	0	0	–	–	–	–	
Tetanus (neonatal)	0	–	0	0	0	0	0	0	
Tetanus (total)	0	–	0	1	0	0	0	1	
Yellow fever	0	–	0	0	0	0	–	–	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	–	94	99*	99*	95	–	91	94	27
DTP1	–	94	99*	99*	90	–	76	–	–
DTP3	–	85	95	91	90	88	70	89	56
HepB3	–	85	95	91	84	14	–	–	–
Hib3	–	85	95	91	84	14	–	–	–
MCV	–	94	94	95	90	98	88	82	–
MCV2	–	–	–	67	–	–	89	–	–
Pol3	–	85	95	91	91	–	70	90	58
TT2plus	–	–	–	–	–	–	–	–	–
VitA	–	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	94	99	99	95	95	91	94	27
DTP1	94	99	99	90	96	76	96	79
DTP3	85	95	91	90	88	70	89	56
HepB3	85	95	91	84	14	–	–	–
Hib3	85	95	91	84	14	–	–	–
MCV	94	94	95	90	98	88	82	–
PAB	56	53	51	38	35	0	0	0
Pol3	85	95	91	91	90	70	90	58

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule		Immunization schedule	
Vaccine	Schedule	Vaccine	Schedule
BCG	6 weeks;	YF	(Travellers)
DT	5 years;		
DTwP	18 months;		
DTwPHibHep	3, 5, 7 months;		
Influenza	(Adults, health workers, at risk persons)		
MMR	12 months; 5 years;		
OPV	3, 5, 7 months;		
Td	15 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Saint Vincent and the Grenadines



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	3 1530	GDP per capita (US\$) <sup>1</sup>	6568
Infant (under 12 months) mortality rate	2 §	24	Child (under 5 years) mortality rate	2 §	29

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	120	119	119	118	117	116	109	100
Live births	2	2	2	2	2	2	3	3
Surviving infants	2	2	2	2	2	2	3	3
Pop. less than 5 years	12	12	12	12	11	11	14	15
Pop. less than 15 years	35	35	35	36	37	38	42	44
Female 15-49 years	33	33	33	32	31	30	26	23

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	0	0	0	0	0
Measles	0	0	0	0	0	0	1	257	
Mumps	0	0	0	-	0	-	-	-	
Pertussis	0	0	0	-	0	0	0	0	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	0	-	0	-	-	-	
Rubella (CRS)	-	0	0	-	0	-	-	-	
Tetanus (neonatal)	0	0	0	-	0	0	0	0	
Tetanus (total)	0	0	0	-	0	0	0	0	
Yellow fever	0	0	0	-	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
Vaccine	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-		99*	95	99*	87	91	99*	99*	-
DTP1	-		99	97	99*	99*	97	91	-	-
DTP3	-		99*	99	99*	99*	99*	99*	98	26
HepB3	-		99*	99	99*	31	-	-	-	-
Hib3	-		99	99	99*	27	27	-	-	-
MCV	-		99*	97	99	94	99	96	96	-
MCV2	-		-	93	73	-	99	-	-	-
Pol3	-		99	93	99*	99*	99*	99*	92	26
TT2plus	-		-	-	17	-	-	-	-	-
VitA	-		-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
Vaccine	<i>WHO-UNICEF estimates <sup>5</sup></i>									
	Year	Result								
BCG			99	95	99	87	91	99	99	-
DTP1			99	97	99	99	99	99	98	51
DTP3			99	99	99	99	99	99	98	26
HepB3			99	99	99	31	-	-	-	-
Hib3			99	99	99	27	-	-	-	-
MCV			99	97	99	94	99	96	96	-
Pol3			99	93	99	99	99	99	92	26

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule	
Vaccine	Schedule
BCG	birth - 4 weeks;
DTwPHibHep	2, 4, 6 months;
MMR	1, 2 years;
OPV	2, 4, 6, 18 months; 4.5 years;
Td	11, 16 years; (And adults)
YF	[Part of country](travellers to endemic countries)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Samoa



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	2'020	GDP per capita (US\$) <sup>1</sup>	6170
Infant (under 12 months) mortality rate	<sup>2</sup> §	23	Child (under 5 years) mortality rate	<sup>2</sup> §	28

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	185	184	183	181	180	177	161	155
Live births	5	5	5	5	5	6	6	6
Surviving infants	5	5	5	5	5	5	5	5
Pop. less than 5 years	25	26	26	27	27	27	23	23
Pop. less than 15 years	75	75	75	75	74	73	66	65
Female 15-49 years	41	41	41	40	40	40	36	37

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	-	-	0	0	0
Measles	0	0	0	0	-	-	0	376	-
Mumps	0	1	0	21	-	-	-	-	-
Pertussis	0	0	0	2	-	-	0	113	-
Polio	0	0	0	0	0	0	0	0	0
Rubella	0	0	0	1'909	-	-	-	-	-
Rubella (CRS)	0	0	1	-	-	-	-	-	-
Tetanus (neonatal)	0	0	0	0	-	-	0	0	0
Tetanus (total)	1	0	0	0	-	-	0	0	0
Yellow fever	0	-	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	84	86	93	-	98	97	97	72
DTP1	-	80	86	90	-	99	94	-	-
DTP3	-	56	64	68	-	96	99*	90	29
HepB3	-	56	60	70	-	98	96	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	-	54	57	25	-	99	93	89	-
MCV2	-	21	-	-	-	99	-	-	-
Pol3	-	57	73	41	-	96	99*	88	29
TT2plus	-	1	5	4	-	97	99*	70	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	84	86	93	73	98	97	97	72
DTP1	80	86	90	97	99	99	96	54
DTP3	56	64	68	94	96	99	90	29
HepB3	56	60	70	97	98	96	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	54	57	25	99	99	93	89	-
PAB	4	7	0	0	0	0	0	0
Pol3	57	73	41	95	96	99	88	29

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	<ul style="list-style-type: none"> <li>0</li> <li>0</li> <li>89</li> <li>11</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	Td	1st pregnancy: ANC booking, + 4 weeks; 2nd and subsequent pregnancies: (From January 2007)
DTwP	6, 10, 14 weeks:	TT	7, 9 month pregnancy: +6 weeks post natal:
DTwPHibHep	6, 10, 14 weeks: ( From October 2007)		
HepB	birth: 6, 14 weeks:		
MR	12, 13 months: ( Or Y5: MR2 opportunity for children who did not have it scheduled at M13: for next 3 years)		
OPV	6, 10, 14 weeks:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - San Marino



Development status	Developed economy	GNI per capita (US\$)	1	-	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	2 §	-	-	-	Child (under 5 years) mortality rate	2 §	-

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	31	30	30	29	28	27	24	21
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	1	1	1	1	1	1	1	1
Pop. less than 15 years	4	4	4	4	4	4	4	5
Female 15-49 years	7	7	7	7	7	7	6	5

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	-	0	0	0	0
Measles	0	0	0	3	-	1	1	-	-
Mumps	0	1	0	-	-	11	-	-	-
Pertussis	0	0	0	0	-	0	-	7	-
Polio	0	0	0	0	0	0	0	0	0
Rubella	0	1	1	0	-	11	-	-	-
Rubella (CRS)	0	0	0	0	-	0	-	-	-
Tetanus (neonatal)	0	0	0	0	-	0	0	-	-
Tetanus (total)	0	0	0	0	-	0	0	0	0
Yellow fever	0	0	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>		<i>Official country estimates</i>								
Year	Result									
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	94	94	95	95	-	97	-	-	-
DTP3	-	95	95	98	96	-	96	-	-	-
HepB3	-	95	95	97	96	-	94	-	-	-
Hib3	-	95	94	98	96	-	92	-	-	-
MCV	-	94	94	98	91	-	74	-	-	-
MCV2	-	93	94	96	96	-	-	-	-	-
Pol3	-	95	95	98	96	-	96	-	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates</i>								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	94	94	95	95	98	97	99	-	-
DTP3	-	95	95	98	96	96	96	99	-	-
HepB3	-	95	95	97	96	95	94	-	-	-
Hib3	-	95	94	98	96	95	92	-	-	-
MCV	-	94	94	98	91	85	74	-	-	-
Pol3	-	95	95	98	96	96	96	99	-	-

Number of districts in the country: 1

% of coverage reports received at national level vs number of reports expected: 100

Proportion of districts reporting DTP3 coverage: Greater or equal to 90% (97-99%), From 80 to 89% (96-98%), From 50 to 79% (94-95%), Lesser than 50% (-)

Proportion of districts not reporting DTP3 coverage: 100

Immunization schedule		Vaccine	Schedule
DTaP	5-6 years:		
DTaPHibHepIPV	2-3, 5-6, 11-12 months:		
MMR	15-16 months; 5-6 years:		
Td	15-16 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Sao Tome and Principe



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	440	GDP per capita (US\$) <sup>1</sup>	2178
Infant (under 12 months) mortality rate	<sup>2</sup> §	74	Child (under 5 years) mortality rate	<sup>2</sup> §	97

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	155	153	150	148	145	140	116	95
Live births	5	5	5	5	5	5	4	4
Surviving infants	5	5	5	5	5	5	4	4
Pop. less than 5 years	23	23	23	23	22	22	19	19
Pop. less than 15 years	64	63	63	62	61	59	54	44
Female 15-49 years	38	37	37	36	35	34	24	19

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	-	0	0
Measles	0	0	0	0	0	0	10	519	-
Mumps	0	0	0	0	6	4	-	-	-
Pertussis	0	0	0	0	0	0	-	0	-
Polio	0	0	0	0	0	0	0	4	-
Rubella	0	0	0	0	0	0	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	4	-	-
Tetanus (total)	0	0	0	0	0	0	-	12	-
Yellow fever	0	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	1994	100	98	98	99	99*	99*	81	99*	-
DTP1	1994	98	99*	99*	99*	97	94	-	-	-
DTP3	1994	83	99*	97	99*	94	91	82	92	-
HepB3	-	-	75	96	99*	43	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1994	88	85	88	91	87	85	69	71	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1994	83	97	97	99*	94	92	87	90	-
TT2plus	1999	64 MICS	92	99	91	97	84	75	65	-
VitA	-	-	53	87	80	-	-	-	-	-
YFV	-	-	84	68	89	34	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	98	98	99	99	99	81	99	-
DTP1	99	99	99	97	94	94	97	-
DTP3	99	97	99	94	92	82	92	-
HepB3	75	96	99	43	-	-	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	85	88	91	87	85	69	71	-
Pol3	97	97	99	94	92	87	90	-

Number of districts in the country	7	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	86
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	14
			From 50 to 79%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Vitamina	6, 12, 18, 24, 30,36 months; (<5 years and post partum)
DTwP	6, 10, 14 weeks; 17 months;	YF	9 months;
HepB	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks; 17 months;		
Pneumo_ps	<1 year; (From January 2008)		
TT	1st Contact: +1, +6 months; +1, +2 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Saudi Arabia



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	12'510	GDP per capita (US\$) <sup>1</sup>	15711
Infant (under 12 months) mortality rate	2 §	20	Child (under 5 years) mortality rate	2 §	23

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	24'175	23'612	23'047	22'481	21'916	20'807	16'256	9'604
Live births	612	605	599	593	587	579	572	421
Surviving infants	600	593	586	580	574	566	551	393
Pop. less than 5 years	2'879	2'844	2'816	2'795	2'780	2'766	2'663	1'819
Pop. less than 15 years	8'222	8'154	8'095	8'043	7'996	7'905	6'811	4'257
Female 15-49 years	5'786	5'585	5'385	5'189	4'994	4'604	3'334	1'879

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	2	7	-	2	9	-	1	99	
Measles	807	373	1'880	1'208	311	-	5'439	46'115	
Mumps	79	139	349	749	976	-	-	-	
Pertussis	34	21	64	120	42	-	112	9'815	
Polio	0	1	2	0	0	0	5	257	
Rubella	23	18	22	22	12	-	-	-	
Rubella (CRS)	0	0	-	0	0	-	-	-	
Tetanus (neonatal)	18	22	37	31	28	-	13	-	
Tetanus (total)	26	32	48	43	39	-	33	124	
Yellow fever	0	0	-	0	0	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1995	98	95	96	95	94	98	92	90	33	
DTP1	1995	98	97	97	96	96	97	-	-	-	
DTP3	1995	93	96	96	96	95	95	94	92	41	
HepB3	1995	92	96	96	96	95	97	93	66	-	
Hib3	-	-	96	96	96	95	91	96	-	-	
MCV	1995	97	95	96	97	96	97	94	88	8	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	1995	93	96	96	96	95	95	94	92	50	
TT2plus	-	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			95	96	95	94	98	92	90	33	
DTP1			97	97	96	96	97	98	97	66	
DTP3			96	96	96	95	95	94	92	41	
HepB3			96	96	96	95	97	93	66	-	
Hib3			96	96	96	95	91	96	-	-	
MCV			95	96	97	96	97	94	88	8	
Pol3			96	96	96	95	95	94	92	50	

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Measles	9 months: (From January 2008)
DTwP	4-6 years;	MenACWY	[Part of country](workers in Hajji and international pilgrims)
DTwPHib	18 months;	MMR	1, 4-6 years;
DTwPHibHep	2, 4, 6 months;	OPV	2, 4, 6, 18 months: 4-6 years;
HepA	18 months; 2 years: (From January 2008)	Pneumo_ps	(Risk groups)
HepB	birth;	TT	(CBA, Pregnant)
HIB	(DTP contraindication in combined vaccines)	Varicella	1, 4-6 years: (From 2008)
IPV	(contraindication to OPV)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Senegal



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	700	GDP per capita (US\$) <sup>1</sup>	1792
Infant (under 12 months) mortality rate	<sup>2</sup> §	66	Child (under 5 years) mortality rate	<sup>2</sup> §	117

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	12'072	11'770	11'472	11'179	10'891	10'334	7'896	5'871
Live births	435	430	425	419	412	397	339	274
Surviving infants	406	402	396	390	383	368	308	240
Pop. less than 5 years	1'913	1'881	1'845	1'807	1'767	1'693	1'420	1'059
Pop. less than 15 years	5'061	4'967	4'874	4'781	4'688	4'506	3'563	2'590
Female 15-49 years	2'866	2'776	2'687	2'600	2'514	2'349	1'709	1'282

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	-	-	-	-	-	-	291
Measles	3	0	39	1'638	14'480	5'839	5'004	29'144	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	7	-	21	-	0	0	1'041	22'792	
Polio	0	0	0	0	0	0	3	138	
Rubella	24	12	242	29	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	20	13	26	33	38	0	67	-	
Tetanus (total)	-	20	-	-	-	0	109	1'378	
Yellow fever	1	7	1	163	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2004	92 DHS	99*	92	95	74	70	89	90	-
DTP1	2004	93 DHS	99*	97	95	81	70	79	-	-
DTP3	2004	78 DHS	89	84	87	73	60	52	66	-
HepB3	-	-	89	84	54	-	-	-	-	-
Hib3	-	-	89	36	-	-	-	-	-	-
MCV	2004	74 DHS	80	74	57	60	54	48	57	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2004	73 DHS	89	84	87	73	60	49	66	-
TT2plus	1999	45 EPI	81	67	85	65	57	45	37	-
TT2plus	1999	82	81	67	85	65	57	45	37	-
VitA	-	-	86	86	-	-	-	-	-	-
YFV	-	-	78	74	75	59	53	34	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			99	92	95	77	70	89	90	-
DTP1			99	97	95	81	70	79	75	-
DTP3			89	84	87	73	60	52	51	-
HepB3			89	84	54	-	-	-	-	-
Hib3			89	18	-	-	-	-	-	-
MCV			80	74	57	60	54	48	51	-
PAB			86	80	79	77	72	65	45	0
Pol3			89	84	87	73	60	49	53	-

Number of districts in the country	56	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	<ul style="list-style-type: none"> <li>52</li> <li>27</li> <li>21</li> <li>0</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

## Immunization schedule

Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwPHibHep	6, 10, 14 weeks:		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks:		
VitaminA	6, 12, 18, 24, 30, 36 months:		
YF	9 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Serbia



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	3'220	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	12	Child (under 5 years) mortality rate	2 §	14

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	9'851	9'863	9'897	9'949	10'011	10'131	9'569	8'946
Live births	126	126	125	125	124	123	143	161
Surviving infants	125	124	124	123	122	122	140	155
Pop. less than 5 years	605	600	597	595	595	606	722	746
Pop. less than 15 years	1'809	1'826	1'853	1'887	1'928	2'018	2'222	2'134
Female 15-49 years	2'392	2'404	2'424	2'448	2'474	2'516	2'300	2'271

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	2
Measles	2	2	11	15	63	38	4'978	37'441	
Mumps	52	93	334	362	1'062	1'215	-	-	
Pertussis	5	4	78	14	72	24	1'440	6'710	
Polio	0	0	0	0	0	0	3	4	
Rubella	77	153	303	332	626	2'188	-	-	
Rubella (CRS)	-	-	-	-	0	-	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	17	
Tetanus (total)	7	15	13	8	11	24	57	99	
Yellow fever	0	-	0	-	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2005	75 MICS	99	98	97	74	95	99*	-	-	-
DTP1	2005	99 MICS	-	-	96	-	91	98	-	-	-
DTP3	2005	96 MICS	92	98	97	89	95	95	-	-	-
HepB3	-	-	93	65	89	-	-	-	-	-	-
Hib3	-	-	42	-	-	-	-	-	-	-	-
MCV	2005	87 MICS	88	96	96	87	92	89	-	-	-
MCV2	-	-	90	98	96	96	75	-	-	-	-
Pol3	2005	94 MICS	97	98	97	89	95	98	-	-	-
TT2plus	1995	MICS	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			99	98	97	94	95	99	97	-	-
DTP1			97	98	96	96	98	98	-	-	-
DTP3			92	98	97	89	95	95	84	-	-
HepB3			93	65	89	-	-	-	-	-	-
Hib3			42	-	-	-	-	-	-	-	-
MCV			88	96	96	87	92	89	83	-	-
Pol3			97	98	96	89	95	98	81	-	-

Number of districts in the country	25	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	96
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	4
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	8, 14, 20 weeks; 18 months; 7, 14 years;
DT	7 years;	Td	14 years;
DTwP	8, 14, 20 weeks; 18 months;	Typhoid	(travellers)
HepB	birth; 4 weeks; 5 months;	YF	(travellers)
HIB	8, 14, 20 weeks		
Influenza	<65 years; (some chronic diseases patients)		
MenAC	(travellers)		
MMR	12 months; 7 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Seychelles



Development status	Developing	GNI per capita (US\$)	1	8'180	GDP per capita (US\$)	1	16106
Infant (under 12 months) mortality rate	2 §	-		Child (under 5 years) mortality rate	2 §	-	

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	86	86	85	84	83	81	72	66
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	6	7	7	7	7	7	7	7
Pop. less than 15 years	21	21	21	21	21	21	21	24
Female 15-49 years	24	24	24	23	23	23	20	17

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	0	0	0	0	0	-	0	-
Measles	10	0	0	0	0	-	13	3
Mumps	0	6	0	0	0	-	-	-
Pertussis	0	0	0	0	0	-	2	0
Polio	0	0	0	0	0	0	0	0
Rubella	0	0	0	0	0	-	-	-
Rubella (CRS)	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	-	0	-
Tetanus (total)	0	0	0	0	0	-	1	2
Yellow fever	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
Antigen	Last coverage survey		Official country estimates							
	Year	Result								
BCG	-		99*	99*	99*	99*	99*	-	98	-
DTP1	-		99*	97	99*	99*	99*	-	-	-
DTP3	-		99*	99*	99*	99*	99	-	99	-
HepB3	-		99*	99*	99*	99*	98	-	-	-
Hib3	-		-	-	-	-	-	-	-	-
MCV	-		99*	99*	99*	99*	98	-	86	-
MCV2	-		99*	99*	99	99*	99	-	-	-
Pol3	-		99*	99*	99*	99*	99	-	99	-
TT2plus	-		99*	99*	99*	99*	99*	-	99*	-
VitA	-		-	-	-	-	-	-	-	-
YFV	-		99*	99*	99*	99*	95	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
Antigen	Last coverage survey		WHO-UNICEF estimates							
	Year	Result								
BCG	-		99	99	99	99	99	99	98	-
DTP1	-		99	97	99	99	99	99	99	-
DTP3	-		99	99	99	99	99	98	99	-
HepB3	-		99	99	99	99	98	97	-	-
Hib3	-		-	-	-	-	-	-	-	-
MCV	-		99	99	99	99	98	97	86	-
Pol3	-		99	99	99	99	99	98	99	-

Number of districts in the country	16	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6 years:	YF	12 months:
DT	6 years:		
DTwP	3, 4, 5, 18 months:		
HepB	3, 4, 9 months:		
HIB	(From January 2008)		
MMR	15 months; 6 years:		
OPV	3, 4, 5, 18 months; 6, 15 years:		
TT	15, 25 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Sierra Leone



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	220	GDP per capita (US\$) <sup>1</sup>	806
Infant (under 12 months) mortality rate	2 §	162	Child (under 5 years) mortality rate	2 §	281

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	5'743	5'586	5'390	5'163	4'924	4'521	4'087	3'236
Live births	262	255	248	241	233	219	191	148
Surviving infants	220	214	207	201	194	182	156	120
Pop. less than 5 years	999	972	938	898	855	781	706	523
Pop. less than 15 years	2'460	2'389	2'303	2'204	2'101	1'925	1'694	1'310
Female 15-49 years	1'335	1'300	1'254	1'201	1'144	1'050	963	773

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	-	0	-	0	-	0	-
Measles	33	29	7	586	568	3'575	830	3'625	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	0	-	0	-	1'619	-
Polio	0	0	0	0	0	34	38	11	-
Rubella	6	-	1	4	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	15	10	11	93	200	36	26	-	-
Tetanus (total)	15	10	-	-	-	36	103	871	-
Yellow fever	12	3	0	95	0	1	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>									
	Year	Result										
BCG	2004	86 MICS	86	82	83	87	75	39	98	36	-	-
DTP1	2004	82 MICS	99*	77	77	87	87	33	-	-	-	-
DTP3	2004	63 MICS	95	64	61	70	52	24	83	13	-	-
HepB3	-	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-	-
MCV	2004	76 MICS	95	67	64	73	62	43	75	36	-	-
MCV2	-	-	-	-	-	-	-	-	-	-	-	-
Pol3	2004	64 MICS	95	64	61	60	52	26	83	7	-	-
TT2plus	2000	51 EPI	77	66	76	62	60	20	81	9	-	-
VitA	-	-	99*	51	37	-	-	-	-	-	-	-
YFV	-	-	86	64	64	76	60	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>									
			<i>WHO-UNICEF estimates <sup>5</sup></i>									
BCG			82	82	83	87	75	74	-	-	-	-
DTP1			77	77	77	87	87	64	-	-	-	-
DTP3			64	64	61	70	52	44	-	-	-	-
HepB3			-	-	-	-	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-	-	-
MCV			67	67	64	73	62	37	-	-	-	-
PAB			85	83	82	80	78	57	85	8	-	-
Pol3			64	64	61	60	52	46	-	-	-	-

Number of districts in the country	14	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	29
			From 80 to 89%	21
			From 50 to 79%	50
			Lesser than 50%	0
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	YF	9 months:
DTwP	6, 10, 14 weeks:		
DTwPHibHep	6, 10, 14 weeks: (From January 2007)		
Measles	9 months:		
OPV	birth: 6, 10, 14 weeks:		
TT	1st contact: +1, +6 months: +1, +1 year: (CBAW (15-49 years))		
Vitamina	6, 9 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Singapore



Development status	Developing	GNI per capita (US\$)	1	27'580	GDP per capita (US\$)	1	29663
Infant (under 12 months) mortality rate	2 §	3		Child (under 5 years) mortality rate	2 §		4

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'382	4'327	4'274	4'221	4'164	4'017	3'016	2'415
Live births	37	38	40	41	43	47	54	41
Surviving infants	37	38	40	41	43	47	54	40
Pop. less than 5 years	207	216	227	239	252	275	229	194
Pop. less than 15 years	824	846	862	874	880	875	647	653
Female 15-49 years	1'160	1'157	1'156	1'155	1'153	1'139	938	695

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	1	0	0
Measles	23	33	96	33	211	141	143	-	-
Mumps	844	1'003	1'003	877	1'090	5'981	-	-	-
Pertussis	2	2	0	1	0	2	8	5	5
Polio	0	0	0	0	0	0	0	1	1
Rubella	90	139	141	88	152	312	-	-	-
Rubella (CRS)	0	-	0	-	1	2	-	-	-
Tetanus (neonatal)	0	-	0	-	-	0	0	2	2
Tetanus (total)	0	-	0	0	-	0	0	-	-
Yellow fever	0	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i>				

BCG	-	98	98	99	99	98	99	99	85
DTP1	-	96	96	96	96	93	98	-	-
DTP3	-	95	96	95	96	94	98	85	84
HepB3	-	94	96	94	95	95	97	74	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	-	93	96	95	93	94	96	84	47
MCV2	-	95	95	95	94	95	-	-	-
Pol3	-	95	96	95	96	94	98	85	83
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i>									

BCG	98	98	99	99	98	99	99	85
DTP1	96	96	96	96	93	98	95	94
DTP3	95	96	95	96	94	98	85	84
HepB3	94	96	94	95	95	97	74	-
Hib3	-	-	-	-	-	-	-	-
MCV	93	96	95	93	94	96	84	47
Pol3	95	96	95	96	94	98	85	83

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTaP	3, 4, 5, 18 months:		
HepB	birth; 1, 5-6 months:		
MMR	1-2, 11-12 years:		
OPV	3, 4, 5, 18 months; 5-6, 11-12 years:		
Td	6-7, 11-12 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Slovakia



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	7'950	GDP per capita (US\$) <sup>1</sup>	15871
Infant (under 12 months) mortality rate	<sup>2</sup> §	7	Child (under 5 years) mortality rate	<sup>2</sup> §	8

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	5'388	5'387	5'387	5'387	5'388	5'388	5'256	4'976
Live births	53	53	52	52	52	54	79	97
Surviving infants	52	52	52	52	52	54	78	95
Pop. less than 5 years	259	259	261	265	270	288	409	481
Pop. less than 15 years	881	904	930	958	989	1'052	1'328	1'300
Female 15-49 years	1'431	1'436	1'440	1'444	1'448	1'448	1'317	1'228

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	-
Measles	0	0	2	1	0	0	47	-	-
Mumps	17	10	14	24	11	32	-	-	-
Pertussis	21	17	21	47	36	43	194	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	2	1	3	1	7	11	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	0	0	0	0	2	0	-	-	-
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	-	98	98	98	98	98	94	-	-	-
DTP1	-	-	99	99	-	99	99	-	-	-
DTP3	-	99	99	99	99	99	99	-	-	-
HepB3	-	99	99	99	99	99	99	-	-	-
Hib3	-	99	99	99	99	92	-	-	-	-
MCV	-	98	98	99	99	99	98	-	-	-
MCV2	-	99	98	98	99*	99*	99	-	-	-
Pol3	-	99	99	99	98	98	99	-	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		98	98	98	98	98	94	-	-	-
DTP1		99	99	99	99	99	99	-	-	-
DTP3		99	99	99	99	99	99	-	-	-
HepB3		99	99	99	99	99	99	-	-	-
Hib3		99	99	99	99	92	78	-	-	-
MCV		98	98	99	99	99	98	-	-	-
Pol3		99	99	99	98	98	98	-	-	-

Number of districts in the country	79	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	99
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		1
				0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	3 days; 10 years;	HIB	2, 4, 10 months; (children with pertussis vaccine contraindication)
DT	2, 4, 10 months; 2, 5 years; (children with pertussis vaccine contraindication)	Influenza	(the inmates of hospices, geriatric centres, institutes of social care)
DTaPHibHepIPV	2, 4, 10 months;	IPV	2, 4, 10 months;
DTwP	2, 5 years;	MMR	14 months; 10 years;
HepA	2 years; (gypsy children living in bad hygienic conditions)	Td	12 years;
HepB	(newborns of HBSAg positive mothers, children with pertussis vaccine contraindication, adolescents)	TT	12 years;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Slovenia



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	17'440	GDP per capita (US\$) <sup>1</sup>	22273
Infant (under 12 months) mortality rate	<sup>2</sup> §	5	Child (under 5 years) mortality rate	<sup>2</sup> §	7

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2'001	1'999	1'997	1'994	1'991	1'984	1'927	1'832
Live births	18	18	18	18	18	18	22	29
Surviving infants	18	18	18	18	18	18	22	28
Pop. less than 5 years	89	88	89	89	89	91	120	146
Pop. less than 15 years	279	283	288	294	300	315	403	425
Female 15-49 years	500	504	507	510	512	514	484	460

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	-	-	-
Measles	0	0	0	0	0	-	-	-	-
Mumps	23	13	22	42	36	-	-	-	-
Pertussis	551	75	113	180	29	-	-	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	1	0	1	8	3	-	-	-	-
Rubella (CRS)	0	0	0	0	0	-	-	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-	-	-
Tetanus (total)	4	2	2	3	5	-	-	-	-
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	-	-	96	97	97	98	-	-
DTP1	-	-	-	-	92	96	96	-	-
DTP3	-	97	96	94	88	93	91	-	-
HepB3	-	98	-	-	-	-	-	-	-
Hib3	-	97	96	94	88	93	-	-	-
MCV	-	96	94	94	87	93	95	-	-
MCV2	-	99	-	-	-	-	-	-	-
Pol3	-	97	96	94	88	93	93	-	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
<i>WHO-UNICEF estimates</i> <sup>5</sup>									

BCG	-	-	96	97	97	98	-	-
DTP1	98	92	92	92	96	96	-	-
DTP3	97	96	94	88	93	91	-	-
HepB3	-	-	-	-	-	-	-	-
Hib3	97	96	94	88	93	-	-	-
MCV	96	94	94	87	93	95	-	-
Pol3	97	96	94	88	93	93	-	-

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90% 100</li> <li>From 80 to 89% 0</li> <li>From 50 to 79% 0</li> <li>Lesser than 50% 0</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (risk groups)	Measles	(In case of epidemiological indications)
Dip	(In case of epidemiological indications)	MenACWY	(risk groups)
DTaPHibIPV	3, 4.5, 6, 18 months:	MMR	1, 6 years:
HepA	(In case of epidemiological indications)	Pneumo_conj	(risk groups)
HepB	6 (x2), 7 years:	Pneumo_ps	(risk groups)
Hib	(risk groups)	Rubella	(Risk groups)
Influenza	(Children <18 and Adults >65)	Td	9 years:
IPV	(In case of epidemiological indications)	TT	18 years:

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Solomon Islands



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	620	GDP per capita (US\$) <sup>1</sup>	2031
Infant (under 12 months) mortality rate	2 §	56	Child (under 5 years) mortality rate	2 §	75

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	484	472	461	449	438	415	314	229
Live births	15	15	15	15	15	15	12	10
Surviving infants	14	14	14	14	14	14	11	9
Pop. less than 5 years	70	69	69	68	67	65	53	44
Pop. less than 15 years	194	191	188	185	181	174	142	109
Female 15-49 years	117	114	111	108	104	98	70	48

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	0	0	
Measles	0	0	0	0	0	-	343	340	
Mumps	0	-	-	-	0	-	-	-	
Pertussis	24	191	0	0	0	-	27	2	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	-	-	-	0	-	-	-	
Rubella (CRS)	0	-	-	-	0	-	-	-	
Tetanus (neonatal)	1	2	0	0	0	-	4	-	
Tetanus (total)	4	45	0	0	0	-	46	14	
Yellow fever	0	-	0	-	0	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Official country estimates</i> <sup>4</sup>								
Year	Result								

BCG	-	95	78	84	79	76	-	87	65
DTP1	-	85	81	82	80	79	-	-	-
DTP3	-	83	78	80	73	71	-	77	46
HepB3	-	83	73	72	78	69	-	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	-	75	70	72	70	67	-	70	-
MCV2	-	-	-	-	-	-	-	-	-
Pol3	-	80	74	75	70	68	-	75	43
TT2plus	-	-	46	65	56	50	-	64	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i> <sup>5</sup>								

BCG	84	78	84	80	76	92	87	65
DTP1	96	81	82	80	79	94	91	71
DTP3	91	78	80	76	71	82	77	46
HepB3	93	73	72	70	68	77	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	84	70	72	70	67	87	70	-
PAB	74	74	78	75	74	75	71	0
Pol3	91	74	75	72	68	82	75	43

Number of districts in the country

35

% of coverage reports received at national level vs number of reports expected

Proportion of districts reporting DTP3 coverage

Greater or equal to 90%  
From 80 to 89%  
From 50 to 79%  
Lesser than 50%

Proportion of districts not reporting DTP3 coverage

## Immunization schedule

Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwP	2, 4, 6 months:		
DTwPHibHep	(From April 2008)		
HepB	birth; 2, 4 months:		
Measles	9 months:		
OPV	2, 4, 6 months:		
TT	6 years: (And pregnant women)		
Vitamina	(From February 2008)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Somalia



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	119		Child (under 5 years) mortality rate	2 § 199

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	8'445	8'196	7'954	7'721	7'494	7'055	6'717	6'485
Live births	371	365	359	352	346	333	300	293
Surviving infants	327	321	314	308	302	289	255	250
Pop. less than 5 years	1'507	1'474	1'443	1'412	1'379	1'299	1'212	1'268
Pop. less than 15 years	3'730	3'615	3'505	3'403	3'304	3'106	3'049	3'032
Female 15-49 years	1'989	1'936	1'883	1'831	1'779	1'681	1'540	1'429

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	-	-	-	-	-	-	-
Measles	7	-	12'008	8'257	9'559	3'965	-	-	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	-	-	-	-
Polio	35	185	0	0	3	96	-	-	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	-	-	-	-	-	966	-	-	
Tetanus (total)	-	-	-	-	-	-	-	-	
Yellow fever	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	<i>Year</i>	<i>Result</i>								

BCG	1999	71 MICS	50	50	50	65	60	69	-	6
DTP1	1999	59 MICS	40	50	50	65	60	57	-	-
DTP3	1999	36 MICS	35	35	30	40	40	33	-	9
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	38 MICS	85	35	40	40	45	-	-	9
MCV2	-	-	-	-	-	-	-	16	-	-
Pol3	1999	40 MICS	35	35	30	40	40	37	-	8
TT2plus	1999	22 MICS	45	50	60	49	60	22	-	-
VitA	-	-	90	-	38	65	75	95	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>									
	<i>WHO-UNICEF estimates <sup>5</sup></i>									

BCG	50	50	50	65	60	69	31	6
DTP1	40	50	50	65	60	57	42	-
DTP3	35	35	30	40	40	33	19	-
HepB3	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	35	35	40	40	45	38	30	9
PAB	74	71	68	65	62	48	23	0
Pol3	35	35	30	40	40	37	18	8

Number of districts in the country	113	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	0
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	100
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
Measles	9 months:		
OPV	6, 10, 14 weeks:		
TT			
Vitamina	6 months: (6-59 months)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - South Africa



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	4'770	GDP per capita (US\$) <sup>1</sup>	11110
Infant (under 12 months) mortality rate	2 §	48	Child (under 5 years) mortality rate	2 §	70

Population data in thousands <sup>2</sup>								
	2006	2005	2004	2003	2002	2000	1990	1980
Total population	48'282	47'939	47'541	47'089	46'581	45'398	36'577	29'074
Live births	1'102	1'110	1'116	1'120	1'121	1'117	1'061	1'022
Surviving infants	1'049	1'056	1'060	1'063	1'063	1'060	1'008	955
Pop. less than 5 years	5'254	5'263	5'260	5'245	5'224	5'181	4'911	4'504
Pop. less than 15 years	15'423	15'396	15'349	15'286	15'212	15'070	14'120	12'083
Female 15-49 years	12'997	12'961	12'903	12'822	12'715	12'399	9'244	6'898

Number of reported cases <i>(full incidence series at end of book)</i>								
Diphtheria	-	-	0	3	1	2	34	57
Measles	-	615	830	244	1'043	1'459	10'624	19'193
Mumps	-	-	-	-	24	-	-	-
Pertussis	-	-	-	8	5	8	-	-
Polio	0	0	0	0	0	0	5	112
Rubella	-	428	612	2'089	208	541	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-
Tetanus (neonatal)	10	3	8	10	6	11	58	166
Tetanus (total)	10	3	8	18	38	11	117	288
Yellow fever	0	0	0	0	-	0	0	-

Percentage of target population vaccinated, by antigen <i>(full official coverage series at end of book)</i>										
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1997	97 DHS	79	86	84	97	94	99	-	-
DTP1	1997	93 DHS	99*	99*	97	99*	88	95	-	-
DTP3	1997	76 DHS	99	97	89	94	82	96	-	-
HepB3	1997	74 DHS	99	97	89	94	83	88	-	-
Hib3	-	-	99	97	89	94	76	88	-	-
MCV	1997	82 DHS	85	84	78	83	78	95	-	-
MCV2	-	-	72	65	68	70	64	80	-	-
Pol3	1997	72 DHS	99	97	89	94	84	96	-	-
TT2plus	1990	EPI	65	43	61	85	52	65	-	-
VitA	-	-	91	35	66	60	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen <i>(full WHO-UNICEF series at end of book)</i>									
<i>WHO-UNICEF estimates <sup>5</sup></i>									
BCG	97	97	97	97	94	99	57	-	-
DTP1	99	99	97	99	88	92	89	-	-
DTP3	99	97	89	94	82	79	72	-	-
HepB3	99	97	89	94	83	88	-	-	-
Hib3	99	97	89	94	76	88	-	-	-
MCV	85	84	78	83	78	77	79	-	-
PAB	73	58	55	51	62	68	0	0	-
Pol3	99	97	89	94	84	76	76	-	-

Number of districts in the country	52	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	81
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	15
			From 50 to 79%	4
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	0-5, 6-11, 12-60 months; post partum women;
DT	5 years;		
DTwP	18 months;		
DTwPHib	6, 10, 14 weeks;		
HepB	6, 10, 14 weeks;		
Measles	9, 18 months;		
OPV	birth; 6, 10, 14 weeks; 18 months; 5 years;		
TT	1st Anc: +4 weeks; +6 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Spain



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	25'250	GDP per capita (US\$) <sup>1</sup>	27'169
Infant (under 12 months) mortality rate	2 §	4	Child (under 5 years) mortality rate	2 §	5

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	43'887	43'397	42'795	42'103	41'388	40'229	38'851	37'527
Live births	468	459	447	434	421	395	400	576
Surviving infants	466	457	445	432	419	393	397	569
Pop. less than 5 years	2'268	2'205	2'132	2'051	1'971	1'859	2'058	3'120
Pop. less than 15 years	6'349	6'257	6'161	6'067	5'988	5'940	7'715	9'729
Female 15-49 years	11'171	11'121	11'022	10'879	10'715	10'435	9'671	8'852

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	7
Measles	362	22	26	256	67	152	21'650	145'322	
Mumps	6'797	2'349	-	1'623	4'495	9'391	-	-	
Pertussis	378	295	-	512	345	921	10'075	-	
Polio	0	0	0	0	0	0	0	17	
Rubella	87	592	-	115	143	345	-	-	
Rubella (CRS)	0	5	0	0	0	1	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	-	-	
Tetanus (total)	18	18	16	24	20	27	54	500	
Yellow fever	0	0	0	-	0	0	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-
DTP3	-	98	96	97	98	98	95	86	-
HepB3	-	81	81	78	81	82	77	-	-
Hib3	-	98	96	97	98	97	92	-	-
MCV	-	97	97	97	98	97	94	99	-
MCV2	-	94	92	91	-	-	-	-	-
Pol3	-	98	96	97	99	98	95	94	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i> <sup>5</sup>								

BCG	-	-	-	-	-	-	-	-	-
DTP1	98	98	98	98	98	98	98	95	-
DTP3	98	96	97	98	98	98	95	86	-
HepB3	81	81	78	81	82	77	-	-	-
Hib3	98	96	97	98	97	92	-	-	-
MCV	97	97	97	98	97	94	99	-	-
Pol3	98	96	97	99	98	95	94	-	-

Number of districts in the country	19	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	89
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	5
			From 50 to 79%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		6

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DT	4-6 years: [Part of country]	Pneumo_ps	(high risk groups)
DTaP	4-6 years:	Td	14-16 years:
DTaPHibIPV	2, 4, 6, 15-18 months:	Varicella	10-14 years: (high risk groups)
HepB	0, 1-2, 6 months: (or 2, 4, 6 months)		
Influenza	>65 years: (high risk groups)		
MenC_conj	2, 4, 6 months:		
MMRV	12-15 months: 3-6 years:		
Pneumo_conj	(high risk groups)		

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Sri Lanka



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1' 160	GDP per capita (US\$) <sup>1</sup>	4595
Infant (under 12 months) mortality rate	2 §	11	Child (under 5 years) mortality rate	2 §	13

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	19'207	19'121	19'040	18'964	18'887	18'714	17'114	14'941
Live births	295	298	302	306	311	321	357	402
Surviving infants	291	294	298	302	307	317	350	388
Pop. less than 5 years	1'483	1'503	1'523	1'544	1'566	1'617	1'739	1'923
Pop. less than 15 years	4'560	4'621	4'693	4'774	4'859	5'024	5'478	5'414
Female 15-49 years	5'313	5'302	5'284	5'258	5'226	5'149	4'492	3'686

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	37
Measles	0	3	35	65	139	16'527	4'004	5'032	
Mumps	-	-	-	-	-	901	-	-	
Pertussis	0	0	45	82	16	194	271	542	
Polio	0	0	0	0	0	0	9	264	
Rubella	2	16	6	34	-	29	-	-	
Rubella (CRS)	2	0	20	61	8	26	-	-	
Tetanus (neonatal)	2	0	1	1	2	1	5	339	
Tetanus (total)	37	20	32	30	34	97	183	1'243	
Yellow fever	-	0	0	-	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1986	98 DHS	99	99*	99	99*	99	99*	84	61
DTP1	1986	98 DHS	99	99*	98	99*	99	96	-	-
DTP3	1986	91 DHS	99	99*	97	99*	98	99*	86	46
HepB3	-	-	98	99*	85	99*	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1986	67 DHS	99	99	96	99*	99	99	80	-
MCV2	-	-	98	99	95	90	92	-	-	-
Pol3	1986	91 DHS	98	99*	97	98	98	99*	86	46
TT2plus	1992	65 DHS	95	90	95	96	95	99*	68	50
VitA	-	-	75	75	-	50	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG	99	99	99	99	99	99	99	99	84	61
DTP1	99	99	98	99	99	99	99	99	95	71
DTP3	99	99	97	99	98	99	98	99	86	46
HepB3	98	99	62	32	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	99	99	96	99	99	99	99	99	80	-
PAB	88	84	82	80	78	58	85	85	8	8
Pol3	98	99	97	98	98	99	99	86	46	46

Number of districts in the country	26	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	OPV	2, 4, 6, 18 months: 5 years:
DT	5 years:	Rubella	8 years, 15-44 years women:
DTwP	2, 4, 6, 18 months:	Td	12 years:
DTwPHibHep	2, 4, 6 months: (From January 2008)	TT	1st contact pregnancy: +2 weeks: (and 2nd 3rd and 4th pregnancies)
HepB	2, 4, 6 months:	VitaminA	9, 18 months: 3 years:
Jap.Enc.	12, 13, 24 months: 6 years: [Part of country]		
Measles	9 months:		
MR	3 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Sudan



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	640	GDP per capita (US\$) <sup>1</sup>	2083
Infant (under 12 months) mortality rate	2 §	67	Child (under 5 years) mortality rate	2 §	109

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	37'707	36'900	36'145	35'436	34'752	33'349	25'933	19'641
Live births	1'225	1'221	1'217	1'214	1'211	1'205	1'065	877
Surviving infants	1'143	1'137	1'132	1'127	1'122	1'113	964	779
Pop. less than 5 years	5'483	5'448	5'424	5'409	5'395	5'328	4'416	3'533
Pop. less than 15 years	15'209	15'013	14'825	14'642	14'456	14'037	11'397	8'765
Female 15-49 years	9'058	8'817	8'594	8'386	8'189	7'801	5'915	4'451

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	15	13	70	156	26	26	1'342	587	
Measles	228	1'374	9'562	4'381	4'529	2'875	14'075	50'168	
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	39	90	192	232	213	80	566	28'631	
Polio	0	27	127	0	0	79	4	4'151	
Rubella	255	-	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	115	94	88	112	97	88	28	90	
Tetanus (total)	115	94	-	-	121	-	411	4'451	
Yellow fever	-	-	-	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	66 MICS	78	77	71	73	68	66	73	2	
DTP1	1999	67 MICS	95	95	88	89	80	70	-	-	
DTP3	1999	44 MICS	85	83	79	74	64	65	62	1	
HepB3	-	-	68	52	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	1999	51 MICS	76	73	72	70	62	60	57	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	1999	48 MICS	85	83	79	74	64	65	62	1	
TT2plus	1992	16 PAPC	43	41	37	36	35	34	75	-	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			77	72	66	69	65	56	77	2	
DTP1			91	88	82	83	75	75	83	18	
DTP3			78	78	74	69	60	62	62	1	
HepB3			60	22	-	-	-	-	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			73	69	67	65	58	58	57	-	
PAB			72	70	69	65	62	61	72	0	
Pol3			77	78	74	69	60	62	62	1	

Number of districts in the country	93	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	52
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	20
			From 50 to 79%	22
			Lesser than 50%	6
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwP			6, 10, 14 weeks;
DTwPHibHep			2, 4, 6 months: (From 2008)
HepB			6, 10, 14 weeks;
Measles			9 months;
OPV			birth: 6, 10, 14 weeks;
TT			1st contact: +1, +6 months; +1, +1 year;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Suriname



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'540	GDP per capita (US\$) <sup>1</sup>	7722
Infant (under 12 months) mortality rate	2 §	29	Child (under 5 years) mortality rate	2 §	36

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	455	452	450	447	443	436	402	356
Live births	9	9	9	9	10	10	10	11
Surviving infants	9	9	9	9	9	10	9	10
Pop. less than 5 years	45	45	46	47	48	49	49	47
Pop. less than 15 years	134	135	136	137	138	140	142	147
Female 15-49 years	122	121	120	119	118	116	104	85

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	0	0	0	0	0
Measles	0	0	0	0	0	0	35	254	
Mumps	-	0	0	-	37	-	-	-	
Pertussis	0	0	0	-	0	0	0	0	
Polio	0	0	0	0	0	0	-	0	
Rubella	0	0	0	-	0	1	-	-	
Rubella (CRS)	0	0	0	-	0	-	-	-	
Tetanus (neonatal)	2	0	0	-	3	0	0	0	
Tetanus (total)	2	1	0	-	5	2	40	11	
Yellow fever	0	0	0	-	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1999	MICS	-	-	-	-	-	-	-	-
DTP1	1999	89 MICS	94	99*	92	81	-	-	-	-
DTP3	1999	79 MICS	84	83	85	74	73	71	83	25
HepB3	-	-	84	83	-	-	-	-	-	-
Hib3	-	-	84	83	-	-	-	-	-	-
MCV	1999	60 MICS	83	91	86	69	-	-	65	1
MCV2	-	-	-	86	-	-	-	-	-	-
Pol3	1999	79 MICS	84	84	84	80	74	70	81	24
TT2plus	1999	MICS	66	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	14	97	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	94	99	92	81	86	88	94	50		
DTP3	84	83	85	74	73	71	83	25		
HepB3	84	83	-	-	-	-	-	-		
Hib3	84	83	-	-	-	-	-	-		
MCV	83	91	86	71	73	79	65	-		
PAB	93	92	92	92	92	92	92	0		
Pol3	84	84	84	80	74	70	81	20		

Number of districts in the country	10	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	20
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	70
			From 50 to 79%	10
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DT	2, 4, 6, 18 months: 5 years:	YF	1 year: [Part of country] (Hinterland population & travellers)
DTwP	2,4,6,18 months: 5 years:		
DTwPHibHep	2, 4, 6 months:		
HepB	birth: 2, 4, 6 months: (High risk groups)		
MMR	1, 5 years:		
OPV	2, 4, 6, 18 months: 5 years:		
Rabies	(post exposure)		
Td	>12 years: (Patients with wounds)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Swaziland



Development status	Developing	GNI per capita (US\$)	1	2' 280	GDP per capita (US\$)	1	4824
Infant (under 12 months) mortality rate	2 §	77		Child (under 5 years) mortality rate	2 §		123

Population data in thousands	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'134	1'125	1'114	1'102	1'089	1'058	865	615
Live births	33	33	33	33	33	33	35	29
Surviving infants	30	30	30	30	30	30	33	26
Pop. less than 5 years	147	147	148	148	149	151	158	120
Pop. less than 15 years	444	447	450	452	454	455	408	301
Female 15-49 years	299	296	291	286	281	268	212	141

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	0	0	0	0	-
Measles	0	0	0	350	37	10	1'465	-	-
Mumps	-	0	0	0	0	-	-	-	-
Pertussis	1	0	0	0	0	0	20	-	-
Polio	0	0	0	0	0	0	0	192	-
Rubella	107	0	0	1	7	115	-	-	-
Rubella (CRS)	0	0	-	0	0	-	-	-	-
Tetanus (neonatal)	1	0	0	0	0	0	3	-	-
Tetanus (total)	1	0	0	0	0	0	1	-	-
Yellow fever	0	0	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey</i>		<i>Official country estimates</i>						
	Year	Result							

BCG	2002	98 EPI	78	84	84	97	95	90	96	-
DTP1	2002	98 EPI	73	77	94	96	88	99*	-	-
DTP3	2002	97 EPI	68	71	83	95	77	98	89	-
HepB3	2002	96 EPI	68	71	78	95	78	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2002	96 EPI	57	60	70	94	72	80	85	7
MCV2	-	-	58	47	53	54	56	-	-	-
Pol3	2002	97 EPI	67	71	82	95	76	97	89	-
TT2plus	-	-	74	83	77	75	89	94	76	-
VitA	-	-	53	54	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i>								

BCG	78	84	84	90	95	90	96	-
DTP1	73	77	94	91	88	91	96	-
DTP3	68	71	83	80	77	77	89	-
HepB3	68	71	78	78	78	76	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	57	60	70	71	72	72	85	-
PAB	86	88	86	85	89	91	73	0
Pol3	67	71	82	79	76	76	89	-

Number of districts in the country	4	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% 0 From 80 to 89% 0 From 50 to 79% 100 Lesser than 50% 0
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	0

Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DT	5 years:		
DTwP	18 months:		
DTwPHep	6, 10, 14 weeks:		
Measles	9, 18 months:		
OPV	birth: 6, 10, 14 weeks: 18 months: 5 years:		
Vitamina	6, 12, 18, 24, 30, 36 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Sweden



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	40'910	GDP per capita (US\$) <sup>1</sup>	32525
Infant (under 12 months) mortality rate	<sup>2</sup> §	3	Child (under 5 years) mortality rate	<sup>2</sup> §	4

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	9'078	9'038	8'998	8'957	8'920	8'868	8'559	8'310
Live births	101	100	99	97	95	92	117	93
Surviving infants	101	100	98	97	95	92	116	93
Pop. less than 5 years	499	491	480	467	456	460	553	487
Pop. less than 15 years	1'556	1'573	1'588	1'601	1'612	1'634	1'535	1'628
Female 15-49 years	2'040	2'026	2'012	1'999	1'988	1'982	2'048	1'902

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	4
Measles	19	13	5	3	9	59	29	1'786	
Mumps	60	81	30	8	15	37	-	-	
Pertussis	795	1'360	1'371	664	1'350	2'705	10'697	5'221	
Polio	0	0	0	0	0	0	0	0	
Rubella	2	0	0	0	1	1	-	-	
Rubella (CRS)	0	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	-	
Tetanus (total)	1	1	0	0	0	0	1	4	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>		<i>Official country estimates</i> <sup>4</sup>								
Year	Result									
BCG	-	17	17	16	16	16	16	13	3	
DTP1	-	0	99	-	-	-	-	-	-	
DTP3	-	99	99	99	99	99	98	99	-	
HepB3	-	2	1	1	1	-	-	-	-	
Hib3	-	99	99	98	98	98	98	-	-	
MCV	-	95	95	95	94	91	91	96	88	
MCV2	-	95	95	95	-	-	94	-	-	
Pol3	-	99	99	99	99	99	99	99	99	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates</i> <sup>5</sup>								
BCG		17	16	16	16	16	16	13	3	
DTP1		99	99	99	98	98	98	99	99	
DTP3		99	99	99	98	98	98	99	99	
HepB3		-	-	-	-	-	-	-	-	
Hib3		99	98	98	98	98	98	-	-	
MCV		95	94	94	94	94	91	96	88	
Pol3		99	99	99	99	99	99	99	99	

Number of districts in the country	290	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	100
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	0
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth-6 months: (high risk groups)	Influenza	(adults over 65 + medical risk groups)
DTaP	10 years:	IPV	5-6 years:
DTaPHibHepIPV	3, 5, 12 months: (risk groups HB (except children to HBsAg+ mothers))	MMR	18 months; 12 years: ( And for 6-8 years from January 2007 and to children born from 2002)
DTaPHibIPV	3, 5, 12 months: (non-risk groups HB)	Pneumo_conj	(medical risk groups <5y)
DTaPIP	5-6 years: (From January 2007 and to children born from 2002)	Pneumo_ps	(adults over 65 + medical risk groups)
HepB	birth: +1, +2 or 6, +6 or 12 months: (Children to HBsAg+ mothers)		

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Switzerland



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	55'320	GDP per capita (US\$) <sup>1</sup>	35633
Infant (under 12 months) mortality rate	<sup>2</sup> §	4	Child (under 5 years) mortality rate	<sup>2</sup> §	5

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	7'455	7'424	7'392	7'358	7'324	7'263	6'834	6'319
Live births	69	70	71	72	73	76	83	72
Surviving infants	69	69	70	71	73	76	83	71
Pop. less than 5 years	362	367	372	379	386	403	400	356
Pop. less than 15 years	1'227	1'241	1'252	1'260	1'265	1'273	1'154	1'247
Female 15-49 years	1'814	1'811	1'807	1'801	1'796	1'795	1'754	1'595

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	1
Measles	-	60	39	574	-	-	1'990	-	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	-	-	-	-
Polio	0	0	0	0	0	0	0	1	
Rubella	-	-	-	-	-	-	-	-	
Rubella (CRS)	0	0	0	0	0	-	-	-	
Tetanus (neonatal)	0	0	0	0	0	-	0	-	
Tetanus (total)	2	0	0	3	0	-	1	2	
Yellow fever	0	0	0	0	0	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	94	95	95	95	95	93	-	-
DTP3	-	-	95	94	93	93	93	88	90	-
HepB3	-	-	63	-	-	-	-	-	-	-
Hib3	-	-	92	93	91	91	91	86	-	-
MCV	-	-	86	86	82	82	82	81	90	-
MCV2	-	-	70	-	-	-	-	-	-	-
Pol3	-	-	94	94	95	95	95	92	98	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	98	94	95	95	95	95	93	96	-	-
DTP3	95	94	93	93	93	93	88	90	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	92	93	91	91	91	91	86	-	-	-
MCV	86	86	82	82	82	82	81	90	-	-
Pol3	94	94	95	95	95	95	92	98	-	-

Number of districts in the country	26	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DTaPHibIPV	2, 4, 6, 15-24 months:	Td	11-15 years:
DTaPIPV	4-7 years:	Varicella	11-15 years: +1 month: (non immune)
HepB	11-15 years: +6 months: (optional. birth, 1, 6 months:)		
HPV	11-14 years:		
MenC_conj	12 months: 11-15 years:		
MMR	12, 15-24 months:		
Pneumo_conj	2, 4, 12 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Syrian Arab Republic



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	1'380	GDP per capita (US\$) <sup>1</sup>	3808
Infant (under 12 months) mortality rate	2 §	17	Child (under 5 years) mortality rate	2 §	19

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	19'408	18'894	18'389	17'893	17'411	16'511	12'721	8'971
Live births	529	521	513	505	496	481	466	425
Surviving infants	520	512	504	495	487	471	450	401
Pop. less than 5 years	2'500	2'456	2'413	2'373	2'336	2'271	2'274	1'791
Pop. less than 15 years	6'993	6'914	6'850	6'800	6'762	6'705	6'156	4'409
Female 15-49 years	5'194	5'023	4'847	4'667	4'485	4'134	2'732	1'881

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	-	0	0	0	80	366	
Measles	517	375	189	801	538	146	535	1'478	
Mumps	330	441	3'676	6'198	10'724	7'780	-	-	
Pertussis	212	-	268	309	476	124	39	430	
Polio	0	1	0	0	0	0	13	312	
Rubella	30	4	47	112	1	2	-	-	
Rubella (CRS)	4	0	2	0	-	-	-	-	
Tetanus (neonatal)	3	5	8	11	16	15	55	91	
Tetanus (total)	3	5	-	15	20	17	71	244	
Yellow fever	-	0	-	0	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1989	90 EPI	99*	99*	99*	99*	99*	99*	99*	92	35
DTP1	1989	93 EPI	99	99	99	99	99*	99	98	93	-
DTP3	1989	83 EPI	99	99	99	99	99	97	91	13	
HepB3	-		98	98	98	98	98	90	-	-	
Hib3	-		99	99	99	99	99	-	-	-	
MCV	1989	80 EPI	98	98	98	98	98	96	87	13	
MCV2	-		98	98	98	99*	98	92	-	-	
Pol3	1989	83 EPI	99	99	99	99	99	97	91	13	
TT2plus	1995	MICS	8	10	10	99*	40	20	63	1	
VitA	-		-	89	98	99*	98	94	-	-	
YFV	-		-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			99	99	99	99	99	99	92	35	
DTP1			99	99	99	99	99	98	93	35	
DTP3			99	99	99	99	99	97	91	13	
HepB3			98	98	98	98	98	90	-	-	
Hib3			99	99	99	99	99	-	-	-	
MCV			98	98	98	98	98	96	87	13	
PAB			93	92	91	92	90	90	63	1	
Pol3			99	99	99	99	99	97	91	13	

Number of districts in the country	71	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	OPV	birth; 2,3, 4, 18 months; 6 years:
DT	6 years:	Td	12 years:
DTwP	18 months:	TT	1st contact pregnancy; +1, +6 months; +1, +1 year:
DTwPHib	2, 3, 4 months:	VitaminA	9 months: (post partum mothers)
HepB	birth; 2, 9 months:		
Measles	9 months:		
MenACWY	6 years:		
MMR	15 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Tajikistan



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	330	GDP per capita (US\$) <sup>1</sup>	1356
Infant (under 12 months) mortality rate	<sup>2</sup> §	60	Child (under 5 years) mortality rate	<sup>2</sup> §	78

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	6'640	6'550	6'467	6'391	6'318	6'173	5'303	3'953
Live births	185	185	186	186	187	190	205	149
Surviving infants	174	174	174	174	175	177	186	133
Pop. less than 5 years	858	860	862	866	871	882	934	632
Pop. less than 15 years	2'568	2'578	2'589	2'600	2'610	2'617	2'289	1'696
Female 15-49 years	1'738	1'697	1'658	1'618	1'580	1'504	1'189	883

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	2	3	3	14	11	11	11	-	-
Measles	3	-	4	2'144	927	192	6'897	-	-
Mumps	732	547	424	-	2'915	428	-	-	-
Pertussis	22	22	74	23	53	13	935	-	-
Polio	0	-	0	0	0	0	-	-	-
Rubella	46	1'231	567	681	654	111	-	-	-
Rubella (CRS)	-	-	-	-	-	0	-	-	-
Tetanus (neonatal)	-	-	-	0	0	-	-	-	-
Tetanus (total)	-	-	-	0	0	-	-	-	-
Yellow fever	0	-	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2004	96 MICS	94	98	97	99	98	99	-	-	-
DTP1	2004	93 MICS	98	97	98	98	99	98	-	-	-
DTP3	2004	86 MICS	96	95	96	96	97	96	-	-	-
HepB3	2004	72 MICS	94	94	85	60	39	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2004	89 MICS	96	95	98	98	97	98	-	-	-
MCV2	-	-	96	93	98	94	93	31	-	-	-
Pol3	2004	82 MICS	95	96	96	96	97	98	-	-	-
TT2plus	1999	MICS	-	-	-	-	-	-	-	-	-
VitA	-	-	98	98	98	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			94	98	97	99	98	99	-	-	-
DTP1			93	92	93	87	88	87	-	-	-
DTP3			86	85	86	82	83	83	-	-	-
HepB3			86	85	72	60	39	-	-	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			87	86	89	87	86	87	-	-	-
Pol3			81	82	82	84	85	86	-	-	-

Number of districts in the country	65	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	95
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	5
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	3-5 days:		
DT	6 years:		
DTwP	2, 3, 4, 16-23 months:		
HepB	birth; 2, 4 months:		
Measles	9 months; 6 years:		
OPV	birth; 2, 3, 4, 12 months:		
Td	16-17, 26 years: (Every 10 years)		
VitaminA	6-59 months (x2):		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Thailand



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'720	GDP per capita (US\$) <sup>1</sup>	8677
Infant (under 12 months) mortality rate	2 §	11	Child (under 5 years) mortality rate	2 §	15

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	63'444	63'003	62'565	62'127	61'675	60'666	54'291	46'809
Live births	936	940	945	951	958	976	1'048	1'203
Surviving infants	926	930	934	939	946	963	1'024	1'156
Pop. less than 5 years	4'514	4'520	4'537	4'564	4'599	4'684	5'050	5'903
Pop. less than 15 years	13'580	13'657	13'759	13'884	14'024	14'297	15'476	18'064
Female 15-49 years	18'014	18'029	18'023	17'996	17'941	17'719	15'233	11'656

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	3	2	13	8	-	15	58	1'918	
Measles	3'499	3'328	3'900	4'565	-	4'074	29'244	16'795	
Mumps	7'595	8'791	10'767	10'608	-	6'527	-	-	
Pertussis	98	23	21	26	-	93	487	4'820	
Polio	0	0	0	0	0	20	4	300	
Rubella	455	382	379	496	-	1'136	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	4	6	11	6	-	17	212	664	
Tetanus (total)	236	47	199	226	-	220	813	1'818	
Yellow fever	0	0	0	0	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2003	100 EPI	99*	99*	99*	99	99	99	99	99*	68
DTP1	1999	99 EPI	99	99	99	99	99	99	99	-	-
DTP3	2003	98 EPI	98	98	98	98	97	97	85	49	
HepB3	2003	96 EPI	96	96	96	96	-	95	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2003	96 EPI	96	96	96	96	94	94	70	-	-
MCV2	-	-	94	95	95	-	-	99*	-	-	-
Pol3	2003	98 EPI	98	98	98	98	97	97	89	19	
TT2plus	1999	90 EPI	93	93	93	93	90	90	76	28	
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			99	99	99	99	99	99	99	99	68
DTP1			99	99	99	99	98	98	97	73	
DTP3			98	98	98	98	96	97	92	49	
HepB3			96	96	96	96	95	95	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			96	96	96	96	94	94	80	-	
PAB			88	88	87	86	86	85	75	25	
Pol3			98	98	98	98	97	97	92	19	

Number of districts in the country	926	Proportion of districts reporting DTP3 coverage	{ Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	
		100	

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	MMR	school children grade 1;
DTwP	2, 4, 6 months: 1.5-2, 4-5 years:	OPV	2, 4, 6 months:
DTwPHep	2, 4, 6 months: [Part of country] (25 provinces in January 2006)	Td	school children grade VI: +1, +6 months: ( and Pregnancy Women 1st contact)
HepB	birth; 2, 6 months:	YF	2 weeks before visiting the affected areas: (travellers)
Jap.Enc.	1.5-2 (x2), 2.5-3 years:		
Measles	9-12 months:		
MenACWY	2 weeks before visiting the affected areas: (pilgrims)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - The former Yugoslav Republic of Macedonia



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	2'830	GDP per capita (US\$) <sup>1</sup>	7200
Infant (under 12 months) mortality rate	<sup>2</sup> §	15	Child (under 5 years) mortality rate	<sup>2</sup> §	17

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	2'036	2'034	2'030	2'026	2'022	2'009	1'909	1'795
Live births	23	23	24	24	24	25	33	37
Surviving infants	22	23	23	24	24	25	32	35
Pop. less than 5 years	117	119	121	122	124	130	164	176
Pop. less than 15 years	392	401	410	419	427	444	499	514
Female 15-49 years	527	527	527	527	527	524	492	470

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	-	-	-
Measles	3	5	9	18	19	36	-	-	-
Mumps	49	125	69	77	109	441	-	-	-
Pertussis	7	7	1	16	4	21	-	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	28	31	33	52	61	87	-	-	-
Rubella (CRS)	-	-	-	-	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	1	2	1	0	1	0	-	-	-
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1999	99 MICS	92	99	94	95	91	97	-	-
DTP1	1999	MICS	95	-	96	99*	99*	98	-	-
DTP3	1999	98 MICS	93	97	94	96	96	95	-	-
HepB3	-	-	93	91	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	92 MICS	94	96	96	96	98	97	-	-
MCV2	-	-	96	95	95	97	95	95	-	-
Pol3	1999	98 MICS	92	98	95	96	97	96	-	-
TT2plus	1999	MICS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			92	99	94	95	91	97	-	-
DTP1			95	98	96	99	99	98	-	-
DTP3			93	97	94	96	96	95	-	-
HepB3			89	53	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			94	96	96	96	98	97	-	-
Pol3			92	98	95	96	97	96	-	-

Number of districts in the country	31	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	90
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	10
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 7, 14 years;	TT	18 years;
DT	6 years;		
DTwP	4, 5, 6, 18 months; 4 years;		
HepB	birth; 2, 6 months;		
MMR	13 months; 7 years;		
OPV	4, 5.5, 7, 20 months; 7, 14 years;		
Rubella	14 years;		
Td	7, 14 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Timor-Leste



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	70		Child (under 5 years) mortality rate	2 § 96

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'114	1'067	1'013	954	896	819	740	581
Live births	46	44	42	41	40	38	32	20
Surviving infants	43	41	39	38	36	35	28	16
Pop. less than 5 years	190	182	176	172	169	164	119	78
Pop. less than 15 years	498	481	464	448	432	405	295	231
Female 15-49 years	249	237	221	202	183	161	187	149

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	0	0	0	0	0	-	-	-
Measles	90	203	41	94	0	-	-	-
Mumps	-	0	0	-	-	-	-	-
Pertussis	26	0	0	0	0	-	-	-
Polio	0	0	0	0	0	-	-	-
Rubella	-	0	-	-	-	-	-	-
Rubella (CRS)	-	0	-	-	-	-	-	-
Tetanus (neonatal)	9	6	0	0	0	-	-	-
Tetanus (total)	-	6	0	-	0	-	-	-
Yellow fever	-	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	2003	72 EPI	72	70	72	80	83	-	-	-
DTP1	2003	65 EPI	75	64	65	80	79	-	-	-
DTP3	2003	57 EPI	67	55	57	70	57	-	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2003	55 EPI	64	48	55	60	-	-	-	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2003	57 EPI	66	55	57	70	55	-	-	-
TT2plus	2001	41 MICS	55	50	60	51	47	-	-	-
VitA	-	-	-	35	35	37	40	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			72	70	72	72	66	-	-	-
DTP1			75	64	65	65	62	-	-	-
DTP3			67	55	57	57	44	-	-	-
HepB3			-	-	-	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			64	48	55	55	39	-	-	-
PAB			63	59	64	59	56	62	44	4
Pol3			66	55	57	57	43	-	-	-

Number of districts in the country	13	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	8
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	15
			From 50 to 79%	69
			Lesser than 50%	8
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth-6 weeks:		
DTwP	6, 10, 14 weeks:		
DTwPHep	(From August 2007)		
Measles	9 months:		
OPV	6, 10, 14 weeks:		
TT	1st contact pregnancy: +1, +6 months: +1, +1 year:		
Vitamina	6-59 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Togo



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	350	GDP per capita (US\$) <sup>1</sup>	1506
Infant (under 12 months) mortality rate	2 §	90	Child (under 5 years) mortality rate	2 §	130

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	6'410	6'239	6'071	5'907	5'744	5'403	3'961	2'784
Live births	242	239	236	232	228	218	174	135
Surviving infants	220	218	214	211	207	198	156	120
Pop. less than 5 years	1'045	1'027	1'008	988	967	920	725	530
Pop. less than 15 years	2'758	2'700	2'642	2'584	2'525	2'399	1'839	1'286
Female 15-49 years	1'524	1'477	1'432	1'389	1'346	1'257	879	616

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	0	0	0	0	0	0	0
Measles	26	38	61	295	363	3'578	4'548	33'960	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	-	-	88	71	177	115	431	3'901	-
Polio	0	0	0	1	0	0	20	178	-
Rubella	0	86	142	295	334	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	15	10	8	28	42	33	42	217	-
Tetanus (total)	-	10	-	28	42	-	107	436	-
Yellow fever	3	0	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2000	84 EPI	96	96	91	79	81	83	99*	-	
DTP1	2000	80 EPI	91	91	83	83	75	66	-	-	
DTP3	2000	64 EPI	87	82	71	72	59	50	77	-	
HepB3	-	-	-	-	-	-	-	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	
MCV	2000	58 EPI	83	70	70	72	48	43	65	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2000	63 EPI	87	80	71	72	58	50	78	-	
TT2plus	2000	47 EPI	80	70	61	56	38	47	35	-	
VitA	-	-	73	70	64	-	-	-	-	-	
YFV	-	-	81	56	1	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			96	96	91	79	81	84	99	-	
DTP1			91	91	83	83	75	80	90	-	
DTP3			87	82	71	72	59	64	77	-	
HepB3			-	-	-	-	-	-	-	-	
Hib3			-	-	-	-	-	-	-	-	
MCV			83	70	70	68	48	58	73	-	
PAB			84	81	78	75	59	63	47	0	
Pol3			87	80	71	72	58	63	76	-	

Number of districts in the country	35	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	51
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	29
			From 50 to 79%	20
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwP			6, 10, 14 weeks;
DTwPHibHep			(From 2007)
Measles			9 months;
OPV			birth; 6, 10, 14 weeks;
TT			1st contact pregnancy; +1, +6 months; +1, +1 year;
VitaminaA			6, 10, 14 weeks; 9 months;
YF			9 months;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Tonga



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	8177
Infant (under 12 months) mortality rate	2 ‡	19		Child (under 5 years) mortality rate	2 ‡ 23

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	100	99	99	99	98	98	95	97
Live births	3	2	2	2	2	2	3	3
Surviving infants	2	2	2	2	2	2	3	3
Pop. less than 5 years	12	12	12	12	12	13	13	15
Pop. less than 15 years	37	37	37	37	37	38	37	43
Female 15–49 years	23	23	23	23	23	23	22	22

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	65	2'336	–
Mumps	8	20	0	0	–	0	–	–	–
Pertussis	2	9	0	0	2	0	3	2	–
Polio	0	0	0	0	0	0	0	0	–
Rubella	0	0	0	0	–	0	–	–	–
Rubella (CRS)	0	0	0	0	0	–	–	–	–
Tetanus (neonatal)	0	0	0	0	0	0	0	0	–
Tetanus (total)	0	0	0	0	0	0	1	2	–
Yellow fever	0	–	–	–	0	–	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>										
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>										
	Year	Result											
BCG	2002	87	99*	99	99*	99	99	99	99	99	99	99	99
DTP1	2002		99*	99*	99*	99*	99*	96	99	–	–	–	–
DTP3	2002	96	99*	99	99	98	90	95	94	40	–	–	–
HepB3	2002	94	99*	99	99	93	–	97	94	–	–	–	–
Hib3	–		99*	99*	–	–	–	–	–	–	–	–	–
MCV	2002	84	99	99*	99*	99	91	–	86	–	–	–	–
MCV2	–		99	98	99	96	–	–	–	–	–	–	–
Pol3	2002	96	99*	99	99	98	90	95	93	20	–	–	–
TT2plus	2002		98	97	89	86	93	94	65	–	–	–	–
VitA	–		–	–	–	–	–	–	–	–	–	–	–
YFV	–		–	–	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>										
			<i>WHO-UNICEF estimates <sup>5</sup></i>										
BCG			99	99	99	99	99	99	99	99	99	99	99
DTP1			99	99	99	99	96	98	97	65	–	–	–
DTP3			99	99	99	98	90	95	94	40	–	–	–
HepB3			99	99	99	93	95	97	94	–	–	–	–
Hib3			99	99	–	–	–	–	–	–	–	–	–
MCV			99	99	99	99	90	95	86	–	–	–	–
Pol3			99	99	99	98	90	95	93	20	–	–	–

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwP	18 months: 5–6 years:		
DTwPHib	6, 10, 14 weeks:		
HepB	birth: 6, 10 weeks:		
MR	12, 18 months:		
OPV	6, 10, 14 weeks:		
Td	6 years: (and pregnant women)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. ‡ deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Trinidad and Tobago



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	10 1300	GDP per capita (US\$) <sup>1</sup>	14603
Infant (under 12 months) mortality rate	2 §	13	Child (under 5 years) mortality rate	2 §	19

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	1'328	1'324	1'319	1'315	1'310	1'301	1'224	1'082
Live births	20	19	19	19	19	19	26	32
Surviving infants	19	19	19	19	19	18	26	31
Pop. less than 5 years	93	93	92	92	92	94	143	128
Pop. less than 15 years	288	294	301	310	320	344	422	370
Female 15-49 years	397	395	393	390	386	375	317	276

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	-	0	0	0	0	0
Measles	0	0	0	0	0	0	511	384	
Mumps	13	0	0	24	20	-	-	-	
Pertussis	0	0	0	-	0	0	9	10	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	-	0	2	-	-	-	-	
Rubella (CRS)	0	-	0	-	-	-	-	-	
Tetanus (neonatal)	0	0	0	-	0	0	0	0	
Tetanus (total)	0	0	0	2	2	3	10	28	
Yellow fever	0	0	0	-	0	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>										
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>										
	Year	Result											
BCG	1999	MICS	-	-	-	-	-	-	-	-	-	-	-
DTP1	1999	91 MICS	93	94	91	93	90	90	90	-	-	-	
DTP3	1999	81 MICS	92	95	94	91	96	90	82	26	-	-	
HepB3	-	-	89	95	94	76	5	-	-	-	-	-	
Hib3	-	-	89	95	94	92	59	74	-	-	-	-	
MCV	1999	58 MICS	89	93	94	88	87	90	71	-	-	-	
MCV2	-	-	78	85	78	73	63	-	-	-	-	-	
Pol3	1999	81 MICS	89	95	94	91	96	90	87	38	-	-	
TT2plus	1999	MICS	3156	19	98	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	88	93	90	88	88	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>									
			<i>WHO-UNICEF estimates <sup>5</sup></i>									
BCG	-	-	-	-	-	-	-	-	-	-	-	-
DTP1	93	94	91	93	90	90	94	51	-	-	-	-
DTP3	92	95	94	91	96	90	82	26	-	-	-	-
HepB3	89	95	94	76	5	-	-	-	-	-	-	-
Hib3	89	95	94	92	59	74	-	-	-	-	-	-
MCV	89	93	95	88	87	90	70	-	-	-	-	-
Pol3	89	95	94	91	96	90	87	38	-	-	-	-

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	67
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	11
			From 50 to 79%	22
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DT	3, 4-5, 6 months; 4-5 years: (Allergic to Pertussis)	YF	1, >=11 years:
DTwP	3, 4-5, 6, 18 months; 5 years:		
DTwPHibHep	3, 4-5, 6 months:		
HepB	3, 4-5, 6 years: (High risk)		
Hib	3, 4-5, 6 years:		
MMR	1, 4-5 years:		
OPV	3, 4-5, 6, 18 months; 4-5 years:		
Td	10 years: (school leavers and adults)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Tunisia



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	2'880	GDP per capita (US\$) <sup>1</sup>	8371
Infant (under 12 months) mortality rate	2 §	20	Child (under 5 years) mortality rate	2 §	23

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	10'215	10'105	9'996	9'888	9'780	9'564	8'219	6'458
Live births	172	170	169	168	167	167	224	230
Surviving infants	168	167	165	164	163	163	215	213
Pop. less than 5 years	823	818	814	812	814	836	1'108	1'003
Pop. less than 15 years	2'590	2'631	2'678	2'731	2'788	2'901	3'137	2'711
Female 15-49 years	2'938	2'894	2'846	2'794	2'738	2'618	1'986	1'496

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	-	0	0	0	0	0	7
Measles	3	15	1	22	98	47	547	225	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	8	6	1	2	1	1	68	4'106	-
Polio	0	0	0	0	0	0	0	15	-
Rubella	5	11	15	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	0	0	-	0	0	2	9	13	-
Tetanus (total)	5	2	2	2	5	5	12	121	-
Yellow fever	0	-	-	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	97 MICS	99	98	97	93	91	95	88	65	
DTP1	1999	MICS	99*	98	97	96	96	94	-	-	
DTP3	1999	96 MICS	99	98	97	95	96	97	91	36	
HepB3	1999	88 MICS	99	97	96	92	93	88	-	-	
Hib3	-	-	-	80	97	96	-	-	-	-	
MCV	1999	71 MICS	98	96	95	90	94	85	88	65	
MCV2	-	-	99	99	99	99	98	98	-	-	
Pol3	1999	96 MICS	99	98	97	95	96	97	91	37	
TT2plus	1999	MICS	-	-	-	-	-	-	32	2	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	99	98	97	93	91	95	96	-	-	-	
DTP1	99	98	97	96	96	98	97	-	-	-	
DTP3	99	98	97	95	96	97	93	-	-	-	
HepB3	99	97	96	92	93	94	-	-	-	-	
Hib3	-	80	97	96	-	-	-	-	-	-	
MCV	98	96	95	90	94	95	93	-	-	-	
PAB	89	90	89	87	86	86	40	2	-	-	
Pol3	99	98	97	95	96	97	93	-	-	-	

Number of districts in the country	235	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	93
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	4
			From 50 to 79%	2
			Lesser than 50%	1
		Proportion of districts not reporting DTP3 coverage		1

Immunization schedule		Vaccine	Schedule
BCG	birth: 6 years:		
DTwP	2, 3, 6, 18 months:		
HepB	birth: 2, 6 months:		
Measles	15 months: 6 years:		
OPV	2, 3, 6, 18 months: 6, 12, 18 years:		
Rubella	12 years: (Girls)		
Td	7, 12, 18 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.





# Immunization profile - Turkey



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	4'750	GDP per capita (US\$) <sup>1</sup>	8407
Infant (under 12 months) mortality rate	2 §	28	Child (under 5 years) mortality rate	2 §	33

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	73'922	72'970	72'025	71'084	70'136	68'158	57'345	46'316
Live births	1'378	1'376	1'376	1'381	1'390	1'421	1'474	1'550
Surviving infants	1'339	1'336	1'335	1'338	1'346	1'371	1'384	1'389
Pop. less than 5 years	6'630	6'646	6'701	6'787	6'887	7'045	6'810	6'922
Pop. less than 15 years	20'588	20'630	20'669	20'702	20'730	20'763	20'501	18'719
Female 15-49 years	20'238	19'949	19'658	19'364	19'060	18'391	14'282	10'728

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	1	2	4	20	86	
Measles	34	6'200	8'927	5'844	7'823	16'244	11'372	8'618	
Mumps	19'726	19'754	-	-	-	-	-	-	
Pertussis	57	272	389	255	193	510	454	1'520	
Polio	0	0	0	0	0	0	0	182	
Rubella	1'058	2'245	-	-	-	-	-	-	
Rubella (CRS)	-	2	-	-	-	-	-	-	
Tetanus (neonatal)	18	32	15	41	32	26	67	-	
Tetanus (total)	28	51	37	58	48	38	123	48	
Yellow fever	0	0	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result	2003		2004		2005		2006		2007
BCG	2003	88 DHS	88	88	79	76	77	77	77	16	74
DTP1	2003	89 DHS	92	92	86	76	82	92	-	-	-
DTP3	2003	64 DHS	90	90	85	68	78	80	74	42	-
HepB3	-	-	82	85	77	68	72	66	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2003	79 DHS	98	91	81	75	82	81	67	27	-
MCV2	-	-	84	98	97	97	83	-	-	-	-
Pol3	2003	69 DHS	90	90	85	69	78	80	74	63	-
TT2plus	1997	29 DHS	52	47	41	37	37	36	18	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG	88	89	89	89	89	89	89	89	93	-	
DTP1	92	92	86	76	82	92	94	67	-		
DTP3	90	90	85	68	78	85	84	42	-		
HepB3	82	85	77	68	72	71	-	-	-		
Hib3	-	-	-	-	-	-	-	-	-		
MCV	98	91	81	75	82	86	78	27	-		
PAB	67	62	77	53	52	50	20	0	-		
Pol3	90	90	85	69	78	85	84	63	-		

Number of districts in the country	81	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	40
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	49
			From 50 to 79%	11
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	8 weeks;	Td	6, 14 years: (CBAW (14-49 years))
DTaPHibIPV	(From 2007)		
DTwP	8, 12, 16 weeks; 16 months;		
HepB	birth; 4 weeks; 6 months;		
HIB	8, 12, 16 weeks; 16 Months;		
MMR	12 months; 6 years;		
OPV	8, 12, 16 weeks; 16 months;		
Rubella	14 years;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Turkmenistan



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	2 §	76		Child (under 5 years) mortality rate	2 § 97

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'899	4'833	4'766	4'698	4'630	4'502	3'668	2'861
Live births	108	108	107	106	106	105	128	101
Surviving infants	100	99	99	98	97	97	118	91
Pop. less than 5 years	491	488	484	479	475	485	579	437
Pop. less than 15 years	1'515	1'536	1'556	1'576	1'595	1'629	1'484	1'182
Female 15-49 years	1'392	1'361	1'328	1'295	1'261	1'195	875	661

Number of reported cases	<i>(full incidence series at end of book)</i>							
Diphtheria	3	2	2	2	1	30	4	-
Measles	48	0	1	1	11	113	2'806	-
Mumps	-	472	798	-	1'661	1'124	-	-
Pertussis	0	0	3	0	49	11	260	-
Polio	0	0	0	0	0	0	-	-
Rubella	-	498	26	18	29	129	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-
Tetanus (neonatal)	0	0	0	0	0	1	-	-
Tetanus (total)	0	0	0	0	1	1	-	-
Yellow fever	0	-	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1994	92 MICS	99	99	99	99	99	99	99	-	-
DTP1	1994	MICS	99	99	98	96	99	99	97	-	-
DTP3	1994	82 MICS	98	99	97	83	98	98	97	-	-
HepB3	-	-	98	99	97	97	96	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	1994	76 MICS	99	99	97	97	88	97	97	-	-
MCV2	-	-	99	98	90	74	87	92	92	-	-
Pol3	1994	86 MICS	98	99	98	66	99	98	98	-	-
TT2plus	1994	MICS	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>										
	Year	Result									
BCG			99	99	99	99	99	99	99	-	-
DTP1			99	99	98	96	99	99	97	-	-
DTP3			98	99	97	83	98	98	97	-	-
HepB3			98	99	96	97	96	-	-	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			99	99	97	97	88	97	97	-	-
Pol3			98	99	98	66	99	98	98	-	-

Number of districts in the country	61	Proportion of districts reporting DTP3 coverage	Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	2-3 days; 7, 15 years:		
DT	6 years:		
DTwP	2, 3, 4, 18 months:		
HepB	birth; 2, 4 months:		
Measles	12-15 months; 6 years:		
MMR	12-15 months; 6 years: (From January 2007)		
OPV	2-3 days; 2, 3, 4, 18 months:		
Td	15, 25 years:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Tuvalu



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	-	GDP per capita (US\$) <sup>1</sup>	-
Infant (under 12 months) mortality rate	<sup>2</sup> §	-	-	Child (under 5 years) mortality rate	<sup>2</sup> §

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	10	10	10	10	10	10	9	8
Live births	-	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-	-
Pop. less than 5 years	1	1	1	1	1	1	1	1
Pop. less than 15 years	4	4	4	4	4	4	4	3
Female 15-49 years	3	3	3	3	3	2	2	2

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	-	-	0
Measles	0	0	0	0	0	-	-	-	509
Mumps	4	0	0	0	0	0	-	-	-
Pertussis	0	0	0	0	0	-	-	-	1
Polio	0	0	0	0	0	0	0	0	0
Rubella	0	0	0	0	0	0	-	-	-
Rubella (CRS)	0	0	0	0	0	0	-	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-	-	-
Tetanus (total)	0	0	0	0	0	-	-	-	0
Yellow fever	0	-	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey</i>	<i>Year</i>		<i>Result</i>		<i>Official country estimates</i> <sup>4</sup>				

BCG	-	99*	99*	99*	99*	99*	99*	99*	-	-
DTP1	-	99	99*	99*	99*	99*	99*	80	-	-
DTP3	-	97	93	98	93	98	98	82	-	-
HepB3	-	97	79	98	95	99	99	81	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	84	62	97	95	99	99	81	-	-
MCV2	-	83	-	-	-	-	-	-	-	-
Pol3	-	97	99*	98	93	98	98	82	-	-
TT2plus	-	99*	-	96	-	-	-	65	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates</i> <sup>5</sup>								

BCG	99	99	99	99	99	99	99	96	99
DTP1	99	99	99	99	99	99	99	80	61
DTP3	97	93	98	93	98	98	98	82	36
HepB3	97	79	98	95	99	99	99	81	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	84	62	97	95	99	99	99	81	-
Pol3	97	99	98	93	98	98	98	82	23

Number of districts in the country	8	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth: 6 years:		
DTwP	6, 10, 14 weeks:		
HepB	birth: 6, 14 weeks:		
MR	12, 18 months:		
OPV	6, 10, 14 weeks:		
TT			

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Uganda



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	280	GDP per capita (US\$) <sup>1</sup>	1454
Infant (under 12 months) mortality rate	<sup>2</sup> §	79	Child (under 5 years) mortality rate	<sup>2</sup> §	132

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	29'899	28'947	28'028	27'139	26'284	24'690	17'841	12'661
Live births	1'406	1'366	1'326	1'288	1'251	1'183	887	619
Surviving infants	1'294	1'255	1'217	1'181	1'145	1'080	801	552
Pop. less than 5 years	5'840	5'662	5'493	5'333	5'182	4'900	3'543	2'469
Pop. less than 15 years	14'726	14'289	13'863	13'445	13'037	12'243	8'573	6'037
Female 15-49 years	6'397	6'175	5'964	5'764	5'576	5'241	3'885	2'740

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	0	-	-	0	-	95	181	
Measles	5'736	22	141	29'429	49'871	42'554	2'637	13'415	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	-	0	-	-	-	-	913	2'122	
Polio	0	0	0	0	0	0	28	37	
Rubella	-	285	428	125	60	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	143	107	152	316	611	470	129	-	
Tetanus (total)	1'166	107	-	-	-	710	288	48	
Yellow fever	0	0	-	11	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
<i>Last coverage survey <sup>3</sup></i>			<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-	-	85	92	99*	96	96	83	99*	-
DTP1	1999	78 EPI	89	94	99*	96	91	72	-	-
DTP3	1999	55 EPI	80	84	87	81	72	58	77	-
HepB3	-	-	80	84	87	63	42	-	-	-
Hib3	-	-	80	84	87	63	42	-	-	-
MCV	1999	53 EPI	89	86	91	83	77	61	74	-
MCV	1999	57 DHS	89	86	91	83	77	61	74	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1999	55 EPI	81	83	86	82	73	57	77	-
TT2plus	1999	EPI	50	55	53	48	50	42	31	-
VitA	-	-	59	-	68	-	-	56	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG			85	92	99	96	96	83	75	-
DTP1			89	94	99	96	91	72	72	-
DTP3			80	84	87	81	72	58	45	-
HepB3			80	84	87	63	42	-	-	-
Hib3			80	84	87	63	42	-	-	-
MCV			89	86	91	82	77	61	52	-
PAB			88	89	82	78	78	70	41	0
Pol3			81	83	86	82	73	57	45	-

Number of districts in the country	69	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	33
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	17
			From 50 to 79%	41
			Lesser than 50%	9
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwPHibHep	6, 10, 14 weeks:		
Measles	9 months:		
OPV	birth; 6, 10, 14 weeks:		
TT	pregnant women: 1st contact: +4 weeks: +6 months: +1, +1 year: (CBAW (15-49 years))		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Ukraine



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	1'520	GDP per capita (US\$) <sup>1</sup>	6848
Infant (under 12 months) mortality rate	<sup>2</sup> §	13	Child (under 5 years) mortality rate	<sup>2</sup> §	16

Population data in thousands <sup>2</sup>								
	2006	2005	2004	2003	2002	2000	1990	1980
Total population	46'557	46'918	47'282	47'649	48'027	48'854	51'536	50'044
Live births	417	413	409	405	402	404	676	754
Surviving infants	411	408	403	399	396	398	664	738
Pop. less than 5 years	2'001	1'984	1'976	1'976	1'993	2'108	3'665	3'628
Pop. less than 15 years	6'660	6'885	7'156	7'467	7'812	8'555	11'065	10'712
Female 15–49 years	12'273	12'382	12'464	12'522	12'561	12'619	12'321	12'769

Number of reported cases <span style="float:right">(full incidence series at end of book)</span>								
Diphtheria	68	98	123	158	285	365	109	-
Measles	42'724	2'392	146	411	7'587	817	6'841	-
Mumps	3'726	3'776	5'115	13'156	20'934	26'538	-	-
Pertussis	2'459	1'518	2'241	778	411	2'243	4'189	-
Polio	0	0	0	0	0	0	-	-
Rubella	15'106	22'248	31'606	20'201	162'927	37'931	-	-
Rubella (CRS)	-	0	-	-	-	-	-	-
Tetanus (neonatal)	0	-	-	0	0	-	-	-
Tetanus (total)	24	-	20	34	36	36	-	-
Yellow fever	0	-	-	0	0	0	-	-

Percentage of target population vaccinated, by antigen <span style="float:right">(full official coverage series at end of book)</span>			
Vaccine	Last coverage survey <sup>3</sup>		Official country estimates <sup>4</sup>
	Year	Result	

BCG	-	97	96	98	98	98	99	-	-
DTP1	-	98	95	96	-	97	-	-	-
DTP3	-	98	96	99	97	99*	99	-	-
HepB3	-	96	97	98	77	49	4	-	-
Hib3	-	11	-	-	-	-	-	-	-
MCV	-	98	96	99	99	99	99	-	-
MCV2	-	98	96	97	99	98	99	-	-
Pol3	-	99	95	99	99	99	99	-	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen <span style="float:right">(full WHO-UNICEF series at end of book)</span>		
Vaccine	WHO-UNICEF estimates <sup>5</sup>	
	Year	Result

BCG	97	96	98	98	98	99	-	-
DTP1	98	95	96	98	99	99	-	-
DTP3	98	96	99	97	99	99	-	-
HepB3	96	97	98	77	48	4	-	-
Hib3	11	-	-	-	-	-	-	-
MCV	98	96	99	99	99	99	-	-
Pol3	99	95	99	99	99	99	-	-

Number of districts in the country	557	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage	100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	3–7 days; 7, 14 years;	MMR	12 months; 6 years;
d	23 years;	Mumps	15 years; (Boys)
DT	6 years;	OPV	5, 18 months; 6, 14 years;
DTaP	18 months;	Rubella	15 years; (Girls)
DTwP	3, 4, 5 months;	Td	14, 23 years; (over 18 years a dose is given every 10 years)
HepB	1 day; 1, 6 months;		
HIB	3, 4, 5, 18 months;		
IPV	3, 4 months;		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - United Arab Emirates



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	–	GDP per capita (US\$) <sup>1</sup>	25514
Infant (under 12 months) mortality rate	2 §	8		Child (under 5 years) mortality rate	2 § 9

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	4'248	4'104	3'947	3'779	3'603	3'247	1'867	1'015
Live births	69	67	65	63	61	57	50	30
Surviving infants	68	66	64	62	60	56	49	29
Pop. less than 5 years	315	303	293	285	277	264	237	135
Pop. less than 15 years	833	815	803	797	794	779	558	290
Female 15–49 years	881	845	803	758	711	621	336	156

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	–	0	0	0	0	0	0	0	20
Measles	–	29	22	42	53	69	1'187	2'796	
Mumps	–	222	248	333	352	732	–	–	
Pertussis	–	34	18	24	18	37	96	228	
Polio	0	0	0	0	0	0	0	48	
Rubella	–	43	10	60	29	52	–	–	
Rubella (CRS)	–	–	–	0	–	0	–	–	
Tetanus (neonatal)	–	0	0	0	0	0	0	–	
Tetanus (total)	–	1	9	5	4	6	3	14	
Yellow fever	–	0	0	0	0	0	–	–	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
Year	Result									
BCG	1994 97	–	98	98	98	98	98	98	–	15
DTP1	1994 93	–	97	96	96	96	96	96	–	–
DTP3	1994 85	–	94	94	94	94	94	94	–	11
HepB3	1994 76	–	92	92	92	92	92	92	–	–
Hib3	–	–	94	94	94	94	94	92	–	–
MCV	1994 83	–	92	94	94	94	94	94	–	34
MCV2	–	–	94	92	92	92	92	92	–	–
Pol3	1994 86	–	94	94	94	94	94	94	–	11
TT2plus	1994	–	–	–	–	–	–	–	–	–
VitA	–	–	–	–	–	–	–	–	–	–
YFV	–	–	–	–	–	–	–	–	–	–

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
		<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG		98	98	98	98	98	98	98	96	15
DTP1		97	97	96	96	96	96	96	95	32
DTP3		94	94	94	94	94	94	94	85	11
HepB3		92	92	92	92	92	92	92	–	–
Hib3		94	94	94	94	94	94	92	–	–
MCV		92	92	94	94	94	94	94	80	34
Pol3		94	94	94	94	94	94	94	85	11

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected	100	Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	15 months; 6 years;
DT	6 years;	OPV	2, 4, 6, 18 months; 6 years;
DTwP	18 months;	Pneumo_ps	(risk groups)
DTwPHibHep	2, 4, 6 months;	Rubella	12 years; (girls)
Hib	18 months;	Td	15 years;
Influenza	(risk groups)	Typhoid	(food handlers)
Measles	9 months;	Varicella	(risk groups)
MenACWY	(Hajji and Omra)	YF	(travellers)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - United Kingdom



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	37'740	GDP per capita (US\$) <sup>1</sup>	33238
Infant (under 12 months) mortality rate	<sup>2</sup> §	5	Child (under 5 years) mortality rate	<sup>2</sup> §	6

Population data in thousands <sup>2</sup>								
	2006	2005	2004	2003	2002	2000	1990	1980
Total population	60'512	60'245	59'965	59'676	59'388	58'868	57'237	56'314
Live births	715	708	701	697	694	695	774	719
Surviving infants	711	704	698	693	690	692	767	710
Pop. less than 5 years	3'467	3'446	3'441	3'451	3'473	3'544	3'824	3'409
Pop. less than 15 years	10'768	10'826	10'894	10'969	11'045	11'176	10'876	11'832
Female 15-49 years	14'560	14'511	14'442	14'357	14'269	14'148	14'152	13'171

Number of reported cases <i>(full incidence series at end of book)</i>								
Diphtheria	3	0	0	3	6	2	2	5
Measles	764	79	189	460	314	104	28'228	147'962
Mumps	5'691	63'525	10'055	-	544	1'089	-	-
Pertussis	478	358	169	521	1'054	866	16'605	22'924
Polio	0	0	0	0	0	0	0	3
Rubella	30	35	17	34	72	75	-	-
Rubella (CRS)	0	1	0	2	0	4	-	-
Tetanus (neonatal)	0	0	0	0	0	0	0	0
Tetanus (total)	3	10	20	14	7	2	18	30
Yellow fever	0	0	-	0	0	0	-	-

Percentage of target population vaccinated, by antigen <i>(full official coverage series at end of book)</i>								
Antigen	Last coverage survey <sup>3</sup>		Official country estimates <sup>4</sup>					
	Year	Result						
BCG	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-
DTP3	-	92	91	90	91	91	92	85
HepB3	-	-	-	-	-	-	-	-
Hib3	-	92	91	91	91	91	92	-
MCV	-	85	82	81	80	83	88	89
MCV2	-	75	75	76	77	74	76	-
Pol3	-	92	91	91	91	91	92	90
TT2plus	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen <i>(full WHO-UNICEF series at end of book)</i>			WHO-UNICEF estimates <sup>5</sup>					
BCG	-	-	-	-	-	-	-	-
DTP1	97	97	96	97	97	97	97	94
DTP3	92	91	90	91	91	91	92	84
HepB3	-	-	-	-	-	-	-	-
Hib3	92	91	91	91	91	91	92	-
MCV	85	82	81	80	83	83	88	87
Pol3	92	91	91	91	91	91	92	92

Number of districts in the country	325	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	80
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	16
			From 50 to 79%	1
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		3

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth: (At birth to high risk groups only, but some areas with high proportion of risk groups offer it universally at birth)	Influenza	>=65 years: (annually to at risk groups)
DTaPHibIPV	2, 3, 4 months:	MenC_conj	2, 3, 4 months: (Changed to a two-dose vaccine schedule in Sept 06 at M3 & M4)
DTaPIPV	3-5 years:	MMR	13 months: 3-5 years: (susceptibles identified through antenatal screening)
HepB	birth: 1, 2, 6 months: (high risk groups only)	Pneumo_conj	2, 4, 6 months: (Introduced into the routine vaccine programme in Sept 06.)
Hib	2, 3, 4 months: (issued for use in specific groups or where routine vaccination with combined vaccine not appropriate)	Pneumo_ps	>=75 years: (At risk groups & at risk children over 2 years)

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1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - United Republic of Tanzania



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	340	GDP per capita (US\$) <sup>1</sup>	744
Infant (under 12 months) mortality rate	2 §	74	Child (under 5 years) mortality rate	2 §	122

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	39'459	38'478	37'508	36'551	35'615	33'849	25'494	18'681
Live births	1'589	1'575	1'556	1'531	1'501	1'429	1'116	875
Surviving infants	1'472	1'457	1'437	1'412	1'382	1'309	1'004	783
Pop. less than 5 years	6'953	6'822	6'653	6'453	6'236	5'832	4'642	3'549
Pop. less than 15 years	17'508	17'085	16'661	16'239	15'826	15'057	11'721	8'701
Female 15-49 years	9'131	8'905	8'683	8'466	8'254	7'851	5'788	4'209

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	-	0	4	
Measles	2'362	23	1'419	1'673	5'131	14'649	14'920	63'100	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	0	0	0	33	1	-	243	2'788	
Polio	0	0	0	0	0	0	3	91	
Rubella	87	151	234	109	175	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	11	7	19	14	32	48	28	652	
Tetanus (total)	18	-	-	-	-	-	28	-	
Yellow fever	0	0	0	-	0	-	-	-	

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>						
	Year	Result							

BCG	2003	91 DHS	99*	91	91	91	88	86	85	72
DTP1	2003	93 DHS	94	95	99*	99*	96	-	-	-
DTP3	2003	86 DHS	90	90	95	95	89	79	78	59
HepB3	2003	86 DHS	90	90	95	95	89	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2003	80 DHS	93	91	94	97	89	78	80	46
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	2003	84 DHS	91	91	95	97	90	64	78	57
TT2plus	1998	61 DHS	74	81	79	80	86	77	65	41
VitA	-	-	91	83	91	91	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>								
	<i>WHO-UNICEF estimates <sup>5</sup></i>								

BCG	99	91	91	91	88	86	85	72
DTP1	94	95	99	99	96	92	92	81
DTP3	90	90	95	95	89	79	78	59
HepB3	90	90	95	95	89	-	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	93	91	94	97	89	78	80	46
PAB	87	89	88	88	89	84	77	37
Pol3	91	91	95	97	91	64	78	57

Number of districts in the country	132	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	42
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	30
			From 50 to 79%	22
			Lesser than 50%	2
		Proportion of districts not reporting DTP3 coverage		4

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DTwPHep	4, 8, 12 weeks: (Zanzibar: 6, 10, 14 weeks)		
Measles	9 months:		
OPV	Birth: 4, 8, 12 weeks: (Zanzibar: Birth: 6, 10, 14 weeks:)		
TT	1st contact: +1, +6 months: +1, +1 year: (15-49 years)		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - United States of America



Development status	Developed economy	GNI per capita (US\$) <sup>1</sup>	43'560	GDP per capita (US\$) <sup>1</sup>	41890
Infant (under 12 months) mortality rate	<sup>2</sup> §	6	Child (under 5 years) mortality rate	<sup>2</sup> §	8

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	302'841	299'846	296'844	293'837	290'832	284'857	256'098	230'917
Live births	4'248	4'212	4'175	4'137	4'099	4'036	4'079	3'521
Surviving infants	4'220	4'185	4'147	4'109	4'071	4'007	4'046	3'479
Pop. less than 5 years	20'776	20'594	20'405	20'215	20'049	19'919	19'755	16'777
Pop. less than 15 years	62'555	62'417	62'263	62'093	61'905	61'465	55'711	51'904
Female 15-49 years	74'792	74'525	74'218	73'871	73'491	72'686	67'529	59'274

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	-	0	1	1	2	4	3	
Measles	45	66	37	56	41	85	27'786	13'506	
Mumps	6'339	-	258	197	238	323	-	-	
Pertussis	13'144	-	18'957	8'483	8'296	7'122	4'570	1'730	
Polio	0	0	0	0	0	0	0	8	
Rubella	8	-	12	7	14	166	-	-	
Rubella (CRS)	1	-	1	0	0	7	-	-	
Tetanus (neonatal)	0	-	0	0	0	0	0	0	
Tetanus (total)	22	-	26	20	27	26	64	95	
Yellow fever	-	-	-	0	1	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>									
	Year	Result										
BCG	2001	-	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	99	99	97	99*	-	-	-	-	-
DTP3	2001	94	-	96	96	94	94	-	-	-	96	-
HepB3	2001	88	-	92	92	88	90	-	-	-	-	-
Hib3	-	-	-	94	94	93	93	-	-	-	-	-
MCV	2001	91	-	93	93	91	91	-	-	-	86	-
MCV2	-	-	-	-	-	-	-	-	-	-	-	-
Pol3	2001	90	-	92	91	90	90	-	-	-	95	-
TT2plus	-	-	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>									
	<i>WHO-UNICEF estimates <sup>5</sup></i>											
	Year	Result										
BCG	-	-	-	-	-	-	-	-	-	-	-	-
DTP1	99	99	99	99	97	99	96	98				
DTP3	96	96	96	96	94	94	90	96				
HepB3	92	92	92	92	88	90	-	-				
Hib3	94	94	94	94	93	93	-	-				
MCV	93	93	93	93	91	91	90	86				
Pol3	92	92	92	91	90	90	85	95				

Number of districts in the country	-	Proportion of districts reporting DTP3 coverage	{ Greater or equal to 90% From 80 to 89% From 50 to 79% Lesser than 50%
% of coverage reports received at national level vs number of reports expected			
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
DTaP	2, 4, 6, 15-18 months: 4-6 years: (Either DtaP or other combination vaccine)	IPV	2, 4, 6-18 months: 4-6 years:
HepA	12-23 months: (X 2 doses: Andr risk groups)	MenC_conj	11-12 years: (And other risk groups)
HepB	birth: 1-2, 6-18 6 months: (Either monovalent or combination vaccine)	MMR	12-15 months: 4-6 years:
Hib	2, 4, 6, 12-15 months: (Administered in various combination types of vaccines)	Pneumo_conj	2, 4, 6, 12-15 months: (Also given to high risk groups after 15 months)
HPV	11-12 years: (X 3 doses)	Pneumo_ps	>=2 years: (and some high risk groups)
Influenza	6-59 months: (And some risk groups)	Rotavirus	2, 4, 6 months:
		Tdap	11-12 years:

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.



# Immunization profile - Uruguay



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	4'360	GDP per capita (US\$) <sup>1</sup>	9962
Infant (under 12 months) mortality rate	2 §	13	Child (under 5 years) mortality rate	2 §	17

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	3'331	3'326	3'324	3'325	3'326	3'318	3'106	2'914
Live births	51	52	52	53	53	54	57	56
Surviving infants	51	51	52	52	53	54	56	54
Pop. less than 5 years	254	257	259	262	265	271	271	277
Pop. less than 15 years	785	792	798	804	809	815	809	785
Female 15-49 years	806	805	805	806	807	806	743	696

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	110	141	
Mumps	1'646	2'193	-	0	5	20	-	-	
Pertussis	15	-	-	0	5	0	161	192	
Polio	0	0	0	0	0	0	0	0	
Rubella	0	0	0	0	0	2	-	-	
Rubella (CRS)	0	0	0	0	0	0	-	-	
Tetanus (neonatal)	0	0	0	0	0	0	0	0	
Tetanus (total)	2	1	1	0	0	0	5	15	
Yellow fever	0	0	0	0	0	0	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	-		99	99*	99	99	99	99	99	99	56
DTP1	-		99	99	98	98	99	99	92	-	-
DTP3	-		95	96	94	91	95	95	92	97	53
HepB3	-		95	96	94	91	95	95	92	-	-
Hib3	-		95	96	94	91	95	95	88	-	-
MCV	-		94	95	95	-	95	95	89	97	50
MCV2	-		-	-	-	-	-	-	-	-	-
Pol3	-		95	96	95	91	95	95	90	97	59
TT2plus	-		-	-	99	-	-	-	-	-	18
VitA	-		-	-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>									
		<i>WHO-UNICEF estimates <sup>5</sup></i>									
BCG		99	99	99	99	99	99	99	99	99	56
DTP1		99	99	98	98	99	99	99	92	98	77
DTP3		95	96	94	91	95	95	95	90	97	53
HepB3		95	96	94	91	95	95	95	92	-	-
Hib3		95	96	94	91	95	95	95	88	-	-
MCV		94	95	95	95	95	95	95	89	97	50
Pol3		95	96	95	91	95	95	95	92	97	59

Number of districts in the country	275	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	99
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	1
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	IPV	2, 4, 6, 12 months: (immunocompromised)
DT	2, 4, 6, 12 months: (special groups)	Measles	(health care workers)
DTwP	5 years;	MMR	12 months; 5 years;
DTwPHibHep	2, 4, 6, 12 months;	OPV	2, 4, 6, 12 months;
HepA	1st contact; +6 months: (at risk groups)	Pneumo_ps	(Risk groups)
HepB	12 years; +1, +6 months;	Td	12 years: (every 10 years)
Hib	2, 4, 6, 12 months: (immunocompromised)	Varicella	12 months;
Influenza	18-36 months: >65 years;	YF	(travellers)

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Uzbekistan



Development status	Economy in transition	GNI per capita (US\$) <sup>1</sup>	520	GDP per capita (US\$) <sup>1</sup>	2063
Infant (under 12 months) mortality rate	<sup>2</sup> §	56	Child (under 5 years) mortality rate	<sup>2</sup> §	67

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	26'981	26'593	26'209	25'828	25'452	24'724	20'515	15'952
Live births	619	615	611	606	601	595	717	565
Surviving infants	584	580	576	571	566	561	673	523
Pop. less than 5 years	2'861	2'841	2'815	2'787	2'768	2'810	3'270	2'415
Pop. less than 15 years	8'732	8'822	8'909	8'993	9'071	9'207	8'392	6'528
Female 15-49 years	7'476	7'310	7'141	6'969	6'795	6'443	4'797	3'660

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	4	12	-	-
Measles	823	737	75	85	25	80	3'943	-	-
Mumps	1'754	1'784	2'304	5'414	9'677	3'949	-	-	-
Pertussis	115	126	35	40	78	77	713	-	-
Polio	0	0	0	0	0	0	-	-	-
Rubella	304	440	498	1'810	1'196	454	-	-	-
Rubella (CRS)	0	0	0	0	-	-	-	-	-
Tetanus (neonatal)	0	0	0	0	0	0	-	-	-
Tetanus (total)	0	0	2	1	0	0	-	-	-
Yellow fever	0	0	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>									
	Year	Result										
BCG	1999	99 MICS	98	93	99	98	98	98	98	98	-	-
DTP1	1999	98 MICS	96	99	99	99	99	94	97	-	-	
DTP3	1999	96 MICS	95	99	99	98	98	98	96	-	-	
HepB3	-	-	97	99	99	99	99	92	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	-	-	
MCV	1999	97 MICS	95	99	99	99	99	97	99	-	-	
MCV2	-	-	-	-	99	98	97	99	-	-	-	
Pol3	1999	96 MICS	94	99*	99	99	99	99	96	-	-	
TT2plus	1999	MICS	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	49	79	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			98	93	99	98	98	98	98	-	-
DTP1			96	99	99	99	98	98	97	-	-
DTP3			95	99	99	98	98	98	96	-	-
HepB3			97	99	99	99	99	92	5	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			95	99	98	99	99	97	99	-	-
Pol3			94	99	99	99	99	99	96	-	-

Number of districts in the country	199	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	95
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	5
			From 50 to 79%	0
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			3-5 days; 7, 14 years;
DT			2, 3 months;
DTwP			2, 3, 4, 16 months;
HepB			birth; 2, 6 months;
MMR			12 months; 6 years;
OPV			3-5 days; 2, 3, 4 months; 7 years;
Td			7, 16, 26, 46 years;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Vanuatu



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	1'560	GDP per capita (US\$) <sup>1</sup>	3225
Infant (under 12 months) mortality rate	<sup>2</sup> §	30	Child (under 5 years) mortality rate	<sup>2</sup> §	36

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	221	215	210	204	199	190	149	117
Live births	6	6	6	6	6	6	6	5
Surviving infants	6	6	6	6	6	6	5	4
Pop. less than 5 years	31	30	30	30	29	29	25	20
Pop. less than 15 years	87	86	85	83	82	80	66	53
Female 15-49 years	55	53	51	50	48	45	35	26

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	-	-	-	-	5	-	0	0	
Measles	0	3	-	165	101	9	67	39	
Mumps	50	-	-	-	0	-	-	-	
Pertussis	0	11	-	-	6	36	3	231	
Polio	0	0	0	0	0	0	0	2	
Rubella	-	-	-	-	0	-	-	-	
Rubella (CRS)	-	-	-	-	0	-	-	-	
Tetanus (neonatal)	0	0	-	3	2	0	0	3	
Tetanus (total)	0	0	-	0	0	0	0	0	
Yellow fever	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen		<i>(full official coverage series at end of book)</i>								
Antigen	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	-		92	65	-	63	41	99	96	-
DTP1	-		90	75	-	-	-	-	-	-
DTP3	-		85	66	-	49	-	90	76	-
HepB3	-		85	56	-	56	-	75	-	-
Hib3	-		-	-	-	-	-	-	-	-
MCV	-		99	70	-	48	44	94	66	-
MCV2	-		-	-	-	-	-	-	-	-
Pol3	-		85	56	-	53	53	87	78	-
TT2plus	-		88	39	-	63	-	88	43	-
VitA	-		-	-	-	-	-	-	-	-
YFV	-		-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen		<i>(full WHO-UNICEF series at end of book)</i>								
Antigen	<i>WHO-UNICEF estimates <sup>5</sup></i>									
	Year	Result								
BCG			92	65	64	63	77	99	96	-
DTP1			90	75	74	73	77	96	91	-
DTP3			85	66	58	49	54	90	76	-
HepB3			85	56	56	56	54	75	-	-
Hib3			-	-	-	-	-	-	-	-
MCV			99	70	59	48	44	94	66	-
PAB			87	65	78	77	82	86	47	0
Pol3			85	56	55	53	53	87	78	-

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage	<ul style="list-style-type: none"> <li>Greater or equal to 90%</li> <li>From 80 to 89%</li> <li>From 50 to 79%</li> <li>Lesser than 50%</li> </ul>	100
% of coverage reports received at national level vs number of reports expected		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule		Vaccine	Schedule
BCG			birth;
DTwP			6, 10, 14 weeks;
HepB			birth; 6, 14 weeks;
Measles			1 year;
OPV			6, 10, 14 weeks; 1, 6, 12 years;
TT			1st contact: +4 weeks: +6 months: +1, +1, +1 year;

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Venezuela



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	4'820	GDP per capita (US\$) <sup>1</sup>	6632
Infant (under 12 months) mortality rate	2 §	18	Child (under 5 years) mortality rate	2 §	23

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	27'191	26'726	26'260	25'795	25'331	24'402	19'731	15'091
Live births	595	592	589	586	583	576	565	499
Surviving infants	584	582	579	575	572	565	551	481
Pop. less than 5 years	2'880	2'863	2'846	2'828	2'811	2'782	2'726	2'295
Pop. less than 15 years	8'404	8'371	8'343	8'318	8'293	8'232	7'505	6'140
Female 15-49 years	7'217	7'083	6'946	6'806	6'664	6'377	4'948	3'634

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	1	0	0	0	0	0	0	31
Measles	99	0	0	0	2'392	22	9'881	9'750	
Mumps	2'935	3'095	2'842	3'158	3'601	5'851	-	-	
Pertussis	1'183	836	715	408	372	555	1'389	3'247	
Polio	0	0	0	0	0	0	0	11	
Rubella	2'472	823	96	2'515	3'662	13'927	-	-	
Rubella (CRS)	-	-	-	0	-	-	-	-	
Tetanus (neonatal)	4	2	0	0	4	2	28	129	
Tetanus (total)	38	33	35	34	29	27	99	476	
Yellow fever	0	12	5	43	0	0	-	4	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	1999	90 MICS	83	95	97	91	-	99	82	72	
DTP1	1999	88 MICS	79	98	99*	85	-	92	-	-	
DTP3	1999	59 MICS	71	87	86	68	65	86	63	56	
HepB3	-	-	71	88	82	75	-	77	-	-	
Hib3	-	-	71	87	61	54	56	2	-	-	
MCV	1999	57 MICS	55	76	80	83	83	84	62	50	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	1999	40 MICS	73	80	83	86	81	86	72	95	
TT2plus	-	-	39	87	42	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	-	
YFV	-	-	74	94	93	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			83	95	97	91	90	99	82	72	
DTP1			78	98	99	85	85	92	84	79	
DTP3			71	87	86	68	65	77	63	56	
HepB3			71	88	82	75	60	5	-	-	
Hib3			71	87	61	54	56	2	-	-	
MCV			55	76	80	83	83	84	61	50	
PAB			52	82	58	48	26	0	0	0	
Pol3			73	80	83	86	81	86	72	95	

Number of districts in the country	367	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	12
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	53
			From 50 to 79%	14
			Lesser than 50%	21
		Proportion of districts not reporting DTP3 coverage		21

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	1 year;
DTwP	18 months;	OPV	birth; 2, 4, 6 months;
DTwPHibHep	2, 4, 6 months;	Rotavirus	2, 4 months;
HepB	birth (or 1st contact): +1, +6 months: (immunocompromised, HCW or risk groups)	TT/Td	CBAW 1st contact: +2 months; +1, +1, +1 years;
HIB	suceptibles from 1 to 4 years;	YF	1 year: (and risk groups)
Influenza	> 60 years;		
MenBC	1st contact: 2 months: (risk groups)		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- 1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- 3) Source: UNICEF/WHO survey database
- 4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- 5) Source: WHO-UNICEF estimates.



# Immunization profile - Viet Nam



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	620	GDP per capita (US\$) <sup>1</sup>	3071
Infant (under 12 months) mortality rate	2 §	20	Child (under 5 years) mortality rate	2 §	24

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	86'206	85'029	83'839	82'640	81'440	79'094	66'173	53'005
Live births	1'654	1'654	1'650	1'642	1'632	1'617	2'036	1'854
Surviving infants	1'621	1'620	1'615	1'606	1'595	1'577	1'942	1'714
Pop. less than 5 years	8'101	8'067	7'996	7'896	7'811	7'890	9'503	8'175
Pop. less than 15 years	24'892	25'198	25'489	25'769	26'035	26'527	25'730	22'120
Female 15-49 years	24'422	23'939	23'443	22'933	22'411	21'337	16'029	11'860

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	25	36	49	105	105	113	509	1'730	
Measles	1'978	410	217	2'297	6'755	16'512	8'175	86'901	
Mumps	-	-	-	-	-	-	-	-	
Pertussis	144	194	328	716	662	1'426	4'095	96'577	
Polio	0	0	0	0	0	0	723	1'741	
Rubella	3'403	3'012	-	-	-	-	-	-	
Rubella (CRS)	-	-	-	-	-	-	-	-	
Tetanus (neonatal)	27	35	46	76	95	142	313	-	
Tetanus (total)	57	85	72	119	151	267	628	1'948	
Yellow fever	-	-	-	0	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2001	93 DHS	95	95	96	97	97	98	90	-	-
BCG	2001	97	95	95	96	97	97	98	90	-	-
DTP1	2001	88 DHS	94	94	92	96	85	97	-	-	-
DTP3	2001	96	94	95	96	99*	75	96	88	-	-
DTP3	2001	72 DHS	94	95	96	99*	75	96	88	-	-
HepB3	-	-	93	94	94	78	65	94	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	2001	83 DHS	93	95	97	93	96	97	88	-	-
MCV	2001	98	93	95	97	93	96	97	88	-	-
MCV2	-	-	-	99*	-	-	-	-	-	-	-
Pol3	2001	96	94	94	96	96	92	96	88	-	-
Pol3	2001	76 DHS	94	94	96	96	92	96	88	-	-
TT2plus	2001	-	91	93	88	91	89	90	22	-	-
TT2plus	2001	71 DHS	91	93	88	91	89	90	22	-	-
VitA	-	-	87	89	83	99	77	77	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			95	95	96	97	97	98	90	-	-
DTP1			94	94	92	99	85	97	96	-	-
DTP3			94	95	96	99	75	96	88	-	-
HepB3			93	94	94	78	-	-	-	-	-
Hib3			-	-	-	-	-	-	-	-	-
MCV			93	95	97	93	96	97	88	-	-
PAB			88	89	88	87	86	86	24	0	-
Pol3			94	94	96	96	92	96	88	-	-

Number of districts in the country	673	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	92
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	6
			From 50 to 79%	1
			Lesser than 50%	1
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:	Vitamina	6-11, 12-17, 18-23, 24-29, 30-36 months:
DTwP	2, 3, 4 months:		
HepB	birth; 2, 4 months:		
Jap.Enc.	1 year; + 2 weeks; + 1 year; [Part of country]		
Measles	9 months; 6 years:		
OPV	2, 3, 4 months:		
TT	pregnant Women: +1, +6 months; +1, +1 year:		
Typhoid	5 years: [Part of country]		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.



# Immunization profile - Yemen



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	600	GDP per capita (US\$) <sup>1</sup>	930
Infant (under 12 months) mortality rate	<sup>2</sup> §	62	Child (under 5 years) mortality rate	<sup>2</sup> §	84

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	21'732	21'096	20'478	19'877	19'295	18'182	12'314	8'381
Live births	839	819	800	783	767	743	641	474
Surviving infants	788	767	747	729	714	688	578	407
Pop. less than 5 years	3'639	3'551	3'478	3'417	3'367	3'278	2'625	1'768
Pop. less than 15 years	9'871	9'678	9'493	9'314	9'137	8'774	6'375	4'257
Female 15-49 years	4'977	4'790	4'608	4'430	4'258	3'938	2'550	1'777

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	36	8	2	-	-	-	-	-	555
Measles	8'079	6'285	12'708	8'536	890	-	-	-	18'020
Mumps	6'295	3'165	-	-	-	-	-	-	-
Pertussis	3'476	1'294	2'200	-	-	-	-	-	15'332
Polio	1	478	0	0	0	0	-	-	722
Rubella	302	230	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	101	46	50	84	122	174	-	-	7
Tetanus (total)	101	46	-	-	-	-	-	-	405
Yellow fever	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								

BCG	1996	54 DHS	70	66	63	67	74	82	99*	9
DTP1	1996	54 DHS	92	99*	92	81	64	-	-	-
DTP3	1996	40 DHS	85	86	78	66	69	76	89	1
HepB3	-	-	85	86	49	42	34	15	-	-
Hib3	-	-	85	57	-	-	-	-	-	-
MCV	1996	43 DHS	80	76	76	66	65	71	74	2
MCV2	-	-	30	25	-	-	-	-	-	-
Pol3	1996	46 DHS	85	87	78	66	69	76	89	1
TT2plus	1996	9 DHS	20	24	21	31	39	31	15	-
VitA	-	-	47	30	93	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>									
<i>WHO-UNICEF estimates <sup>5</sup></i>										

BCG	70	66	63	67	74	82	95	9
DTP1	92	99	92	81	87	91	94	18
DTP3	85	86	78	66	69	76	84	1
HepB3	85	86	49	42	34	15	-	-
Hib3	85	57	-	-	-	-	-	-
MCV	80	76	76	66	65	71	69	2
PAB	61	64	74	71	73	55	17	0
Pol3	85	87	78	66	69	76	84	1

Number of districts in the country	333	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	30
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	28
			From 50 to 79%	36
			Lesser than 50%	6
		Proportion of districts not reporting DTP3 coverage		0

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwP	6, 10, 14 weeks:		
DTwPHibHep	6, 10, 14 weeks:		
Measles	9, 18 months:		
OPV	birth; 6, 10, 14 weeks:		
TT	1st contact pregnancy; +1, +6 months; +1, +1 year:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

1) Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007.

§ deaths per 1'000 live births

3) Source: UNICEF/WHO survey database

4) If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.

5) Source: WHO-UNICEF estimates.





# Immunization profile - Zambia



Development status	Least developed	GNI per capita (US\$) <sup>1</sup>	500	GDP per capita (US\$) <sup>1</sup>	1023
Infant (under 12 months) mortality rate	2 §	96	Child (under 5 years) mortality rate	2 §	162

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	11'696	11'478	11'270	11'069	10'870	10'451	8'122	5'946
Live births	470	468	465	462	458	448	357	276
Surviving infants	425	422	419	415	411	402	320	249
Pop. less than 5 years	2'012	1'993	1'972	1'950	1'925	1'862	1'455	1'140
Pop. less than 15 years	5'338	5'246	5'152	5'056	4'956	4'746	3'710	2'815
Female 15-49 years	2'643	2'592	2'547	2'506	2'468	2'387	1'844	1'296

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	7	11	4	31	25	0	4	12	
Measles	459	45	35	881	25'036	30'930	6'748	98'659	
Mumps	6'548	15'874	17'472	6'654	6'882	6'213	-	-	
Pertussis	120	185	180	391	595	0	200	21'232	
Polio	0	0	0	0	2	0	79	276	
Rubella	0	165	157	0	-	-	-	-	
Rubella (CRS)	0	0	-	-	-	-	-	-	
Tetanus (neonatal)	37	29	33	41	102	130	57	-	
Tetanus (total)	47	53	78	30	157	193	57	409	
Yellow fever	0	0	0	0	-	0	-	-	

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>								
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>								
	Year	Result									
BCG	2001	94 DHS	99*	91	94	80	85	99*	97	-	
DTP1	2001	94 DHS	-	-	-	-	-	93	-	-	
DTP3	2001	80 DHS	97	91	94	91	88	76	71	-	
HepB3	-	-	97	91	-	-	-	-	-	-	
Hib3	-	-	97	91	94	-	-	-	-	-	
MCV	2001	84 DHS	90	79	81	78	83	85	68	-	
MCV2	-	-	-	-	-	-	-	-	-	-	
Pol3	2001	80 DHS	97	84	97	89	85	79	70	-	
TT2plus	2001	27 DHS	79	83	98	81	87	61	-	-	
VitA	-	-	82	72	72	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	-	

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>								
			<i>WHO-UNICEF estimates <sup>5</sup></i>								
BCG			94	94	94	94	94	92	97	-	
DTP1			94	94	94	94	94	93	97	-	
DTP3			80	80	80	80	80	78	91	-	
HepB3			80	80	-	-	-	-	-	-	
Hib3			80	80	80	-	-	-	-	-	
MCV			84	84	84	84	84	85	90	-	
PAB			90	91	90	89	88	78	62	0	
Pol3			80	80	80	80	80	79	90	-	

Number of districts in the country	72	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	63
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	21
			From 50 to 79%	18
			Lesser than 50%	0
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth:		
DTwPHibHep	6, 10, 14 weeks:		
Measles	9 months:		
OPV	6, 10, 14 weeks: 9 months:		
TT	1st contact: +1, +6 months: +1, +1 year:		
Vitamina	6, 12 months:		

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
- Source: UNICEF/WHO survey database
- If no official estimate is available, the administrative coverage is reported. \* indicates coverage over 99.5%.
- Source: WHO-UNICEF estimates.





# Immunization profile - Zimbabwe



Development status	Developing	GNI per capita (US\$) <sup>1</sup>	350	GDP per capita (US\$) <sup>1</sup>	2038
Infant (under 12 months) mortality rate	2 §	60	Child (under 5 years) mortality rate	2 §	98

Population data in thousands <sup>2</sup>	2006	2005	2004	2003	2002	2000	1990	1980
Total population	13'228	13'120	13'025	12'941	12'859	12'656	10'487	7'285
Live births	372	372	372	373	375	381	392	344
Surviving infants	350	349	348	349	350	356	371	320
Pop. less than 5 years	1'703	1'706	1'715	1'730	1'748	1'784	1'786	1'454
Pop. less than 15 years	5'160	5'186	5'213	5'240	5'265	5'295	4'827	3'567
Female 15-49 years	3'359	3'313	3'275	3'242	3'210	3'130	2'376	1'531

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	8
Measles	212	420	31	998	304	1'483	13'728	23'650	
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	0	0	9	0	0	8	491	6'290	
Polio	0	0	0	0	0	0	0	32	
Rubella	-	-	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	2	5	6	4	9	16	16	134	
Tetanus (total)	26	9	95	4	59	28	-	139	
Yellow fever	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full official coverage series at end of book)</i>									
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								

BCG	1998	88 DHS	99*	98	95	92	80	82	74	-
DTP1	1998	88 DHS	95	95	90	85	62	90	-	-
DTP3	1998	81 DHS	90	90	85	80	75	77	78	-
HepB3	-	-	90	90	85	80	75	77	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1998	79 DHS	90	85	80	80	60	70	76	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1998	81 DHS	90	90	85	80	75	70	78	-
TT2plus	1996	77 MCH	80	80	70	60	60	60	43	-
VitA	-	-	80	80	30	80	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen	<i>(full WHO-UNICEF series at end of book)</i>									
	<i>WHO-UNICEF estimates <sup>5</sup></i>									

BCG	99	98	95	92	80	82	91	-
DTP1	95	95	90	85	91	90	96	-
DTP3	90	90	85	80	75	77	88	-
HepB3	90	90	85	80	75	77	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	90	85	80	80	60	70	87	-
PAB	80	80	79	78	78	76	57	0
Pol3	90	90	85	80	75	70	89	-

Number of districts in the country	62	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	47
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	27
			From 50 to 79%	21
			Lesser than 50%	3
		Proportion of districts not reporting DTP3 coverage		2

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DT	59 months:		
DTwP	3, 4, 5, 18 months:		
HepB	3, 4, 5 months:		
Measles	9 months:		
OPV	3, 4, 5, 18 months: 5 years:		
TT	1st contact: +1, +6 months: +1, +1, +1 years:		
Vitamina	6, 12, 18, 24, 30, 36 months:		

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§ deaths per 1'000 live births

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# Immunization profile - Zimbabwe



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Live births	372	372	372	373	375	381	392	344
Surviving infants	350	349	348	349	350	356	371	320
Pop. less than 5 years	1'703	1'706	1'715	1'730	1'748	1'784	1'786	1'454
Pop. less than 15 years	5'160	5'186	5'213	5'240	5'265	5'295	4'827	3'567
Female 15-49 years	3'359	3'313	3'275	3'242	3'210	3'130	2'376	1'531

Number of reported cases	<i>(full incidence series at end of book)</i>								
Diphtheria	0	0	0	0	0	0	0	0	8
Measles	212	420	31	998	304	1'483	13'728	23'650	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	0	0	9	0	0	8	491	6'290	-
Polio	0	0	0	0	0	0	0	32	-
Rubella	-	-	-	-	-	-	-	-	-
Rubella (CRS)	-	-	-	-	-	-	-	-	-
Tetanus (neonatal)	2	5	6	4	9	16	16	134	-
Tetanus (total)	26	9	95	4	59	28	-	139	-
Yellow fever	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full official coverage series at end of book)</i>							
	<i>Last coverage survey <sup>3</sup></i>		<i>Official country estimates <sup>4</sup></i>							
	Year	Result								
BCG	1998	88 DHS	99*	98	95	92	80	82	74	-
DTP1	1998	88 DHS	95	95	90	85	62	90	-	-
DTP3	1998	81 DHS	90	90	85	80	75	77	78	-
HepB3	-	-	90	90	85	80	75	77	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1998	79 DHS	90	85	80	80	60	70	76	-
MCV2	-	-	-	-	-	-	-	-	-	-
Pol3	1998	81 DHS	90	90	85	80	75	70	78	-
TT2plus	1996	77 MCH	80	80	70	60	60	60	43	-
VitA	-	-	80	80	30	80	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen			<i>(full WHO-UNICEF series at end of book)</i>							
			<i>WHO-UNICEF estimates <sup>5</sup></i>							
BCG	99	98	95	92	80	82	91	-	-	
DTP1	95	95	90	85	91	90	96	-	-	
DTP3	90	90	85	80	75	77	88	-	-	
HepB3	90	90	85	80	75	77	-	-	-	
Hib3	-	-	-	-	-	-	-	-	-	
MCV	90	85	80	80	60	70	87	-	-	
PAB	80	-	70	60	60	60	57	0	-	
Pol3	90	90	85	80	75	70	89	-	-	

Number of districts in the country	62	Proportion of districts reporting DTP3 coverage	Greater or equal to 90%	47
% of coverage reports received at national level vs number of reports expected			From 80 to 89%	27
			From 50 to 79%	21
			Lesser than 50%	3
		Proportion of districts not reporting DTP3 coverage		2

Immunization schedule		Vaccine	Schedule
BCG	birth:		
DT	59 months:		
DTwP	3, 4, 5, 18 months:		
HepB	3, 4, 5 months:		
Measles	9 months:		
OPV	3, 4, 5, 18 months: 5 years:		
TT	1st contact: +1, +6 months: +1, +1, +1 years:		
Vitamina	6, 12, 18, 24, 30, 36 months:		

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- Source: "The 2007 World Bank Development Indicators Online", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2006 Revision", New York, United Nations, 2007. § deaths per 1'000 live births
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- Source: WHO-UNICEF estimates.



## Indicators of immunization system performances



## Status of national immunization systems

## Summary of indicator data:

## Indicators of immunization system performances

The following table describes selected indicators of immunization systems. Data for these indicators are provided by Member States to WHO and UNICEF annually through a joint reporting process, with the exception of some indicators on polio eradication, Vitamin A and measles mortality reduction, which are collected through separate reporting processes. For the purpose of readability, this book presents the country data for a limited number of these indicators, referred to as part of the core indicator (CI) set. They are presented in a data table by country, the countries being listed alphabetically by WHO region. A regional and global summary of the indicators is also provided on page R-244, showing the evolution from 2005 to 2006. In the data table, the indicator has been abbreviated. The full set of indicators is available per country on the global summary CD (Excel format) and on the WHO immunization surveillance, assessment and monitoring website [http://www.who.int/immunization\\_monitoring/data/data\\_subject/en/index.html](http://www.who.int/immunization_monitoring/data/data_subject/en/index.html) where it can also be downloaded as an Excel workbook.

NA = not applicable; ND = no data.

	Indicator description	Answer type
<b>Planning</b>		
(CI)	<b>Does the country have a multi-year plan (MYP) for immunization?</b>	<b>Yes / No</b>
	If yes, what years does the MYP cover?	Yes / No
	If yes, is costing included?	Yes / No
	If yes, is the MYP for immunization integrated into the broader health-sector plan?	Yes / No
	Did the country have an annual workplan for immunization activities?	Yes / No
	If yes, was costing included?	Yes/ No
(CI)	<b>% of districts with updated micro plans that include activities to raise immunization coverage?</b>	<b>Number</b>
	Year of last inventory (models, location, age and working status) of all refrigeration equipment assigned for public immunization services in the country?	Number
	What year was the last vaccine management assessment conducted?	Number
<b>System performance</b>		
	What % of districts had <50% DTP3 coverage?	From 0 to 100%
	What % of districts had 50%–79% DTP3 coverage?	From 0 to 100%
	What % of districts had 80%–89% DTP3 coverage?	From 0 to 100%
	What % of districts had ≥90% DTP3 coverage?	From 0 to 100%
	What % of districts had <50% MCV1 coverage?	From 0 to 100%
	What % of districts had 50%–79% MCV1 coverage?	From 0 to 100%
	What % of districts had 80%–89% MCV1 coverage?	From 0 to 100%



	Indicator description	Answer type
(CI)	<b>What % of districts had ≥90% MCV1 coverage?</b>  What % of districts had <50% TT2+ (pregnant women) coverage?  What % of districts had 50%–79% TT2+ (pregnant women) coverage?  What % of districts had 80%–89% TT2+ (pregnant women) coverage?  What % of districts had ≥90% TT2+ (pregnant women) coverage?	<b>From 0 to 100%</b>  From 0 to 100%  From 0 to 100%  From 0 to 100%  From 0 to 100%
(CI)	<b>What % of districts achieved ≥ 80% DTP3 coverage?</b>	<b>From 0 to 100%</b>
(CI)	<b>What % of districts had &gt; 10% drop-out rates</b> <b>drop-out rate = <math>\frac{(DTP1-DTP3)}{DTP1} \times 100</math></b>  Drop-out rate between DTP1 and DTP3 coverage <i>Comment:</i> <i>Drop out rate = [ (DTP1-DTP3) / DTP1 ] x 100</i> Calculated from official country figures  What is the percentage point difference between HepB3 and DTP3 coverage calculated from official country figures?	<b>From 0 to 100%</b>  Rate, from 0 to 100%  Difference, from 0 to 100%
(CI)	<b>What percentage of districts have had at least one supervisory visit of all health facilities in last calendar year?</b>	<b>From 0 to 100%</b>
(CI)	<b>What is your percentage wastage for measles-containing vaccines?</b>	<b>From 0 to 100%</b>
(CI)	<b>Hib-containing vaccine?</b> E = country estimation <i>Comment:</i> Reported vaccine wastage occurring in the country including both opened and unopened vials; it includes both programme and system-related wastage.	<b>From 0 to 100%</b>
<b>Vaccine supply</b>		
(CI)	<b>Was there any district with vaccine supply interruption?</b>	<b>Yes / No</b>
(CI)	<b>Percentage of districts supplied with sufficient number of AD syringes</b>	<b>From 0 to 100%</b>
<b>Surveillance and monitoring</b>		
	Is there a national case-based measles surveillance system in place?	Yes / No
	If yes, are specimens taken to confirm diagnosis?	Yes / No
	Is there a system in place, with laboratory confirmation, to measure the impact of vaccination against invasive bacterial diseases, for example bacterial meningitis or pneumonia?	Yes / No
(CI)	<b>Percentage coverage reports received at national level from districts compared to number of reports expected</b>	<b>From 0 to 100%</b>
<b>Safety</b>		
	Was there an activity workplan for: immunization injection safety? waste management?	Yes / No Yes / No
	Type(s) of injection equipment used for routine immunization (excluding reconstitution syringes): auto-disable (AD) syringes; non-AD disposables; sterilizable syringes.	Yes / No Yes / No Yes / No
	Were safety boxes distributed with all vaccine deliveries to vaccination sites?	Yes / No



	Indicator description	Answer type
	<p>Was there a national system to monitor adverse events following immunization?  <i>Comment: Must include the following four components 1. Written guidelines on monitoring and investigation of reported adverse events; 2. Written list of events to monitor; 3. established mechanism to communicate data for regulatory action; 4. Implementation of points 1, 2, and 3.</i></p> <p>If yes, how many total adverse events, including suspected or confirmed, were reported to the national level?</p> <p>If yes, how many were categorized as "serious" adverse events?</p> <p>National policy or recommended practice for disposal of immunization waste in 2004?  (multiple answers are possible)  Incinerator  Open burning  Burial  Other  No policy</p>	<p>Yes / No</p> <p>Number</p> <p>Number</p> <p>Yes / No  Yes / No  Yes / No  Yes / No  Yes / No</p>
<b>Financing</b>		
(CI)	<p><b>What percentage of all spending on routine immunization was financed using government funds (including loans and excluding external public financing)?</b></p> <p>E = country estimation</p> <p>What percentage of all spending on vaccines was financed using government funds (including loans and excluding external public financing)?  E = country estimation</p> <p>Is there a line item in the national budget for purchase of vaccines used in routine immunizations?</p> <p>Is there a line item in the national budget for purchase of injection supplies (syringes, needles, safety boxes) for routine immunizations?</p>	<p><b>From 0 to 100%</b></p> <p>From 0 to 100%</p> <p>Yes / No</p> <p>Yes / No</p>
<b>New and underutilized vaccines introduction</b>		
	<p>Is Hepatitis B vaccine integrated into the routine immunization schedule?  Yes[A] — adolescent programme only  Yes[P] — partial introduction  <i>Note: in the global and regional table all positive answers are counted as yes</i></p> <p>Is Hib vaccine integrated into the routine immunization schedule?  Yes[P] — partial introduction  <i>Note: in the global and regional table all positive answers are counted as yes</i></p> <p>Is mumps vaccine integrated into the routine immunization schedule?  <i>Comment: may be given with MMR</i></p> <p>Is rubella vaccine integrated into the routine immunization schedule?  <i>Comment: may be given with MMR</i></p>	<p>Yes / Yes[A]/  Yes[P] / No</p> <p>Yes / Yes[P]/ No</p> <p>Yes / No</p> <p>Yes / No</p>
<b>Maternal and neonatal tetanus (NT) elimination</b>		
	<p>Neonatal tetanus eliminated</p> <p>Protection at Birth (PAB) against neonatal tetanus  <i>Comment: number of children, as recorded during their DTP1 visit, who can be considered as protected at birth by their mother's TT status and/or delivery status, divided by the number of children having received DTP1.</i></p>	<p>Yes / No</p> <p>From 0 to 100</p>
<b>Polio eradication</b>		
	<p>How many confirmed polio cases were reported?</p>	<p>Number</p>



	<b>Indicator description</b>  What was the non-polio acute flaccid paralysis (AFP) rate per 100,000 children under 15 years of age? <i>Comment: a country's surveillance system should be sensitive enough to detect at least one case of AFP for every 100 000 children under 15 — even in the absence of polio</i>  Proportion of AFP cases with adequate stool specimens collected? <i>Comment: adequate = two stool specimens collected within 14 days of onset of paralysis, 24–48 hours apart, except for the Region of the Americas where only one specimen is collected (target = 80%)</i>	<b>Answer type</b>  Number  From 0 to 100%
<b>Vitamin A</b>		
	What is the vitamin A deficiency (VAD) status of this country (based on existing data at WHO)?           Were vitamin A supplements distributed during routine immunization services?           Were vitamin A supplements distributed during supplemental immunization activities?	Subclinical deficiency (Subclinical) Clinical deficiency (Clinical) Insufficient data but possibility of VAD (NDP) Insufficient data but VAD unlikely (NDU)  Yes / No  Yes / No
<b>Measles mortality reduction</b>		
	Was a second opportunity measles immunization implemented? <i>Comment: Second Opportunity = country has implemented a two-dose routine measles schedule and/or within the last four years has conducted a national immunization campaign achieving &gt;90% coverage of children &lt;5 yrs</i>	Yes / No
<b>Yellow fever</b>		
	Member states at risk for yellow fever (at risk for outbreaks)? <i>Comment: (Does not include French Guyana — overseas department of France — at risk too)</i>  <i>Yellow fever in schedule</i>  <i>High risk = in high risk areas; Partial = partial introduction</i>	Yes / No    Yes / High Risk/Partial/No





## Indicators of immunization system performances

**Global and regional summary for selected immunization system indicators, 2005 and 2006**

REGION	GLOBAL		AFR		AMR		EMR		EUR		SEAR		WPR		VF	
	2006		2005		2006		2005		2006		2005		2006		2005	
	N°	(%)	N°	(%)	N°	(%)	N°	(%)	N°	(%)	N°	(%)	N°	(%)	N°	(%)
Number of member states	192	(100)	193	(100)	35	(18)	21	(11)	52	(27)	11	(6)	27	(14)	72	(37)
# of member states reported	190	(99)	187	(97)	34	(97)	21	(100)	51	(96)	11	(100)	26	(96)	72	(100)
# of member states with strategic plan for the national immunization system	145	(76)	139	(72)	23	(66)	19	(90)	34	(65)	10	(91)	18	(67)	65	(90)
# of member states with a national work plan for immunization services?	166	(86)	162	(84)	28	(80)	20	(95)	37	(71)	11	(100)	24	(89)	72	(100)
# of member states with a safe injections component of the national work plan	129	(67)	126	(65)	22	(63)	19	(90)	27	(51)	8	(73)	15	(56)	59	(82)
# of countries with all districts achieving ≥ 80% DTP3 coverage	56	(29)	54	(28)	6	(17)	3	(9)	28	(54)	2	(18)	7	(26)	10	(14)
# of countries with all districts achieving ≥ 90% MCV coverage	33	(17)	33	(17)	2	(6)	3	(9)	16	(31)	2	(16)	6	(22)	4	(6)
# of member states distributing sharp boxes with all vaccine delivery	132	(69)	137	(71)	19	(54)	23	(66)	26	(50)	8	(73)	21	(79)	86	(96)
# of member states monitoring adverse events following immunization	131	(68)	140	(73)	24	(69)	25	(71)	45	(87)	10	(91)	15	(56)	41	(57)
# of member states with a line item in the national budget for purchase of vaccine	142	(74)	138	(72)	22	(63)	20	(57)	33	(63)	8	(73)	24	(89)	53	(74)
# of member states with a line item in the national budget for purchase of injection supply	126	(66)	122	(63)	27	(77)	18	(51)	21	(40)	9	(82)	19	(70)	51	(71)
# of member states with Hepatitis B vaccine integrated into the routine immunization <sup>a</sup>	158	(82)	164	(85)	33	(94)	34	(97)	40	(77)	10	(91)	26	(96)	54	(75)
# of member states with Hib vaccine integrated into the routine immunization	100	(52)	108	(56)	15	(43)	34	(97)	34	(65)	0	(0)	11	(41)	18	(25)
# of member states with Mumps vaccine integrated into the routine immunization	110	(57)	112	(58)	2	(4)	34	(97)	13	(24)	1	(9)	10	(37)	12	(17)
# of member states with Rubella vaccine integrated into the routine immunization	118	(61)	123	(64)	2	(4)	34	(97)	15	(28)	2	(18)	3	(11)	14	(19)
# of member states eliminated NT <sup>a</sup>	143	(74)	143	(74)	16	(45)	34	(97)	14	(26)	6	(55)	22	(81)	30	(42)
# of member states where Vitamin A supplements distributed during routine immunization services	65	(34)	70	(36)	34	(97)	8	(23)	10	(18)	9	(82)	7	(26)	50	(69)
# of member states where Vitamin A supplements distributed during supplemental immunization activities	53	(28)	56	(29)	33	(97)	4	(11)	5	(9)	6	(54)	3	(11)	46	(64)
# of member states where measles 2 <sup>nd</sup> opportunity immunization was implemented	170	(89)	178	(92)	39	(85)	35	(100)	18	(33)	18	(86)	25	(93)	54	(75)
# of member states at risk for yellow fever	43	(22)	43	(22)	31	(67)	10	(29)	2	(4)	0	(0)	0	(0)	32	(44)
# of member states at risk for yellow fever where yellow fever is in the routine immunization schedule	34	(18)	34	(18)	23	(62)	11	(31)	0	(0)	0	(0)	0	(0)	23	(31)

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<sup>a</sup> excludes 4 countries in 2005 and 2006 with adolescent schedule only



## Reference: Core indicators of immunization system performances



	Does the country have a multi-year plan (MYP) for immunization?	% of districts with microplans including activities to raise immunization coverage	% of districts >=90% MCV1 coverage	% of districts >=80% DTP3 coverage	% of districts >10% DTP3-out rates	% of districts with at least one supervisory visit of all health facilities	National % wastage for Hib	National % wastage for MCV	Was there any district with vaccine supply interruption ?	% of districts supplied with sufficient number of AD syringes	% coverage reports received at national level from districts compared to number of reports expected	% of immunization spending financed using Government funds
<b>AFR</b>												
Algeria	Yes	100						0	No	100	100	100
Angola	No	100	11	4	82				ND		75	15
Benin	Yes	68	53	83	49	100	11	38	No	100	100	15
Botswana	Yes	100	79	96	21	100			Yes		100	95
Burkina Faso	Yes	100	40	95	16	100	6	25	Yes	100	100	34
Burundi	Yes	100	24	71	6	100			No	100	100	30
Cameroon	Yes	100	12	46	25		ND	35	Yes	100	100	57
Cape Verde	Yes	0	6	29	12	100	ND	73	No	100	100	ND
Central African Republic	Yes	100	71	63	63	96	ND	23	Yes	100		13
Chad	Yes	100	33	43	20	56	ND	ND	Yes	100	99	26
Comoros	Yes	0	18	41	41	0	ND	40	No	100		27
Congo	Yes	100	4	44	78	100	ND	23	No	100	100	258
Côte d'Ivoire	No	73	20	46			ND	25	Yes	100	100	57
Dem. Rep. of the Congo	Yes	98	21	44	43		ND	33	Yes	96	100	9
Equatorial Guinea	Yes	0	0	0	89	94	ND	58	Yes	100	100	0
Eritrea	Yes	83	0	17	33	100		41	No		100	20
Ethiopia	Yes	100	12	34	46				No	100	97	20
Gabon	Yes	39	20	18	67	0			Yes	18	93	60
Gambia	Yes	100	50	100	17	817	4	28	No	100	100	35
Ghana	Yes	100	51	78	14	100	3	25	No	100	100	ND
Guinea	Yes	100	53	68	45	100	ND	ND	No	100	100	20
Guinea-Bissau	Yes	100	9	45	55	0	ND	ND	ND		93	ND
Kenya	Yes	100	24	64	42	100	5	30	Yes	100	100	10
Lesotho	Yes		26	95	0	100	ND		Yes	100	947	5
Liberia	Yes	100	60	67	40	100		41	No	100	100	3
Madagascar	Yes	79	41	72	41		ND	27	No		93	13
Malawi	Yes	100	8	85	42	100			No	100	100	
Mali	Yes		37	71			1	26	No	100	100	7
Mauritania	Yes		6	21	70		ND	ND	ND		100	100
Mauritius	No	0	80	100	0	90	6	9	No		100	100
Mozambique	Yes	100	73	90	40		ND		No	100	99	31
Namibia	Yes	100	3	32					No			100
Niger	Yes	100	57	88	50			19	Yes		100	
Nigeria	Yes	87	48	40	56	90		38	Yes	95	99	87
Rwanda	Yes	100	73	93	0	100	6	12	No	100	100	15
Sao Tome and Principe	Yes	100	57	100	14	100	ND	49	Yes	100	100	12
Senegal	Yes	100	25	79	46	100	5	26	No	100	100	58
Seychelles	No	100	100	100	0	38	ND	ND	No		100	100
Sierra Leone	Yes	93	7	50	36	93		ND	No	100	100	
South Africa	Yes		38	96	8				ND		63	100
Swaziland	Yes	100	0	0		100			Yes	100	100	96
Togo	Yes	100	40	80	14	100	ND	10	Yes	94	100	ND
Uganda	Yes	100	38	51	51	100	10		Yes	94	92	13
United Republic of Tanzania	Yes	20	52	73	15	95		34	No	100	100	80
Zambia	Yes	100	54	83		100	6	21	No	100	100	30
Zimbabwe	Yes	100	42	74	48	100	ND	50	Yes	100	90	6
<b>AMR</b>												
Antigua and Barbuda	No				0	100		0	ND		100	100
Argentina	No	4	61	79	11	55		10	ND		100	100

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## Reference: Core indicators of immunization system performances



	Does the country have a multi-year plan (MYP) for immunization?	% of districts with microplans including activities to raise immunization coverage	% of districts >=90% MCV1 coverage	% of districts >=80% DTP3 coverage	% of districts >10% DTP3-out rates	% of districts with at least one supervisory visit of all health facilities	National % wastage for Hib	National % wastage for MCV	Was there any district with vaccine supply interruption ?	% of districts supplied with sufficient number of AD syringes	% coverage reports received at national level from districts compared to number of reports expected	% of immunization spending financed using Government funds
Bahamas	Yes	11			0	36	0	45	Yes	100	100	100
Barbados	Yes				0	100			ND		100	100
Belize	Yes	100	100	100	0	67	ND	ND	Yes		100	100
Bolivia	Yes	100	45	60	14		1	50	Yes		95	62
Brazil	Yes	100	86	95		100			ND		100	
Canada	ND					0			ND			
Chile	Yes	8	53	73	14	73		5	ND		100	100
Colombia	Yes	100	43	52	16			30	ND		100	100
Costa Rica	ND		0	0		0			ND			
Cuba	Yes	0	78	86	0	100			ND		100	99
Dominica	Yes	100			0	100	0	0	No		100	100
Dominican Republic	Yes		41	44		0			ND		100	97
Ecuador	Yes	32	62	77	34		ND	ND	Yes		100	100
El Salvador	Yes	100	41	52	60	60			ND		100	90
Grenada	No	100	100	100	0	100	0	0	No	100	100	100
Guatemala	Yes		82	89		0			ND		100	
Guyana	Yes	100	54	92	15	100	0	30	No	100	100	93
Haiti	Yes	18	4	50	53	60		30	No	100	55	4
Honduras	Yes	47	65	78	5	100	5	5	Yes	100	100	92
Jamaica	No	100	23	69	0		5	20	No		100	100
Mexico	Yes	10	96	92	0				ND			
Nicaragua	Yes	107	46	59	26		0	0	ND		100	87
Panama	Yes	100	72	96	18	28	1	3	ND		100	100
Paraguay	Yes	100	53	65	12	50	1	0	No	100	1'200	100
Peru	Yes	100	61	65	20	52	0	20	Yes		100	100
Saint Kitts and Nevis	ND	100	100	88		100			No	100	100	100
Saint Lucia	Yes	100				100		5	Yes	100	100	100
St. Vincent & the Grenadines	Yes	189			0	189			No	100	100	100
Suriname	Yes		20	90	100	100	ND	ND	Yes	100		95
Trinidad and Tobago	Yes	100	67	78	0	0	8	10	No		100	100
United States of America	ND								ND			
Uruguay	Yes		97	100	0	100	1	1	ND		100	100
Venezuela	Yes	100	64	12	15	0		30	ND		100	
<b>EMR</b>												
Afghanistan	Yes	0						53	No	100	99	5
Bahrain	Yes	100	100	100	0			0	Yes	100	100	100
Djibouti	Yes	100	0	0	100	100	ND	35	No	100	49	36
Egypt	Yes	100	99	100	0	100	10	15	No		100	100
Iran (Islamic Republic of)	Yes	1	100	100	0	100		1	No	100	100	100
Iraq	Yes	100	16	48	62	100		0	Yes	100	100	100
Jordan	No		100	100	0	100			Yes		100	100
Lebanon	Yes	20							No	100	100	100
Libyan Arab Jamahiriya	Yes		64	100	23	59			No	100	100	100
Morocco	Yes	100	65	99	0	100	ND	50	No		100	99
Oman	Yes		100	100	0	100	0	0	No		100	100
Pakistan	Yes	45	32	55	50	100		40	No	100	100	100
Qatar	Yes	1'200			0	1'200	22	18	No		100	100
Saudi Arabia	Yes	0	100	100	0	100	0(DTP,Hib, HepB),30(DTP,Hib)	0	No		100	100
Somalia	No		0	0		100		ND	Yes	100	79	0

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## Reference: Core indicators of immunization system performances



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Sudan	Yes	100	18	72	47	98		57	Yes	100	100	50
Syrian Arab Republic	Yes	100						20	No	100	100	100
Tunisia	Yes		91	97				63	No			99
Yemen	Yes	100	12	59	38	96		20	No	100	98	80
<b>EUR</b>												
Albania	Yes		78	100	0			23	Yes	100	100	95
Andorra	Yes	0							ND			100
Armenia	Yes		71	88	41	100	ND	31	Yes	100	100	50
Austria	Yes								ND		100	88
Azerbaijan	Yes	100	91	97	5	100		15	Yes	100	100	80
Belarus	Yes		100	100	0	100	ND	0	Yes		100	100
Belgium	ND								ND			
Bosnia and Herzegovina	Yes	100	39	100	0	100		1	Yes		100	90
Bulgaria	No	100	100	100	7	100		0	No	100	100	100
Croatia	Yes								ND			
Cyprus	Yes	67	33	83	0	83			Yes			ND
Czech Republic	Yes	100	100	100	0	100		ND	No	100	100	
Denmark	No		100	100					No			100
Estonia	Yes	100	100	100	0	53			No		100	100
Finland	No								ND			95
France	ND								ND			
Georgia	Yes	100	83	85	42	100		1	ND		100	58
Germany	No								ND		31	39'360
Hungary	Yes	0	100	100	0	5		0	ND			100
Iceland	Yes		100	100				ND	ND			100
Ireland	No		25	100			1	2	Yes		100	100
Israel	Yes	100	100	100	0	100		0	No		100	100
Italy	Yes							ND	Yes	100	38	100
Kazakhstan	No	100	100	100	2	100	0	8	Yes		100	100
Kyrgyzstan	Yes	81	100	100		79		17	Yes	100	100	53
Latvia	Yes		94	100	0		0	0	No		100	100
Lithuania	Yes	100	96	100	13		0	1	No	100	100	
Luxembourg								ND	ND			
Malta	Yes							ND	ND			70
Montenegro	No		76	95	19	100			No		100	
Netherlands	No								No		100	100
Norway	No		74	100				ND	ND			100
Poland	No							ND	Yes		100	100
Portugal	No	100	90	100	0	0		ND	No	100	100	100
Republic of Moldova	Yes	100	100	100	0	84		4	No	100	100	92
Romania	No	100	95	100	0	0	ND	30	No		100	100
Russian Federation	Yes	100	100	100					No		100	100
San Marino	No								No	100		ND
Serbia	No		0	100			0	3	Yes		100	100
Slovakia	Yes	100	99	100		100		ND	No	100	100	100
Slovenia	Yes	11	100	100			0	2	No			100
Spain	Yes	100	100	95				ND	ND		95	100
Sweden			95	100	0			ND	ND			
Switzerland	Yes								ND			5
Tajikistan	No	100	98	100	0	29		1	Yes	100	100	
TFYR of Macedonia	No	100	97	100	0	100		20	No		100	50

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## Reference: Core indicators of immunization system performances



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Turkey	No	100	62	89	5			5	No		100	100
Turkmenistan	Yes		100	100	0	100		15	No	100		
Ukraine	No				0	5		1	Yes	100	100	98
United Kingdom	Yes		20	96					No		97	100
Uzbekistan	Yes	20	95	100	5	100		15	Yes	100	100	64
<b>SEAR</b>												
Bangladesh	Yes	100	56	80	0	100		67	No	100	100	77
Bhutan	Yes		75	100	10				Yes		100	50
Dem. People's Rep. of Korea	Yes	100	100	100	0	100		0	No	100	400	25
India	Yes								No	100		70
Indonesia	Yes	100	53	69	18			40	Yes	100	100	95
Maldives	No		100	100		100		ND	No	100	100	97
Myanmar	Yes		13	62	25	100		59	No	100	99	
Nepal	Yes	21	27	77	7	100		59	No	100	100	63
Sri Lanka	Yes	100	100	100	0	100		20	No	100	100	90
Thailand	Yes							57	No			100
Timor-Leste	No	100	8	23		0		50	No	100	100	ND
<b>WPR</b>												
Cambodia	Yes	100	14	38	14	100		75	No	100	100	17
China	No	100	98	99	11		ND	ND	ND		99	ND
Cook Islands	Yes	100	100	100	0	73		10	No	100	100	100
Fiji	Yes	100			0	95			No	100	89	100
Kiribati	Yes			33	67	0			ND		89	100
Lao People's Dem. Rep.	Yes	100	11	63	62	100			ND		99	8
Malaysia	No	100				100	0	28	No		100	100
Marshall Islands	Yes	67		67	100	67	10	10	Yes		67	100
Micronesia (Fed. States)	Yes	100							Yes		100	100
Mongolia	Yes		99	100	0	0	11	53	No	100	100	29
Nauru	No	600	100	100				87	ND		100	0
New Zealand	Yes								No			100
Niue	Yes		100	100			0	0	ND		100	100
Palau	No	100	100	100					ND		100	100
Papua New Guinea	Yes	0	12	42	60	36	ND	ND	No	100	82	80
Philippines	Yes	80	28	44	1	97			No	100	100	100
Republic of Korea	No		100	100	1			0	No			
Samoa	No	0	0	0	78	100		76	No	100	100	100
Singapore	Yes								ND			
Solomon Islands	Yes								ND			
Tonga	Yes	100	100	100	0	100	33	50	No	100	100	100
Tuvalu	No			100	0	0			No	100	89	0
Vanuatu	YES	100	100	100	100	100		10	ND		89	100
Viet Nam	Yes		94	98	1			30	Yes	100	100	65

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## Incidence index

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Mumps: .....	R-258
Pertussis: .....	R-262
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Tetanus: (total) .....	R-282
Yellow fever: .....	R-286



# Reference Diphtheria incidence: Reported cases



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Alghanistan	53	179	26	79	854	0	84	297	84	0	0	0	0	0	21	368	286	661	1272	1093	3179	555	1340	1563	1464	1839	
Albania	0	0	0	0	0	0	4	2	0	0	4	4	14	18	48	23	17	5	3	4	4	3	3	1	2	6	3
Algeria	3	7	8	7	0	3	0	17	57	30	107	951	264	264	16	9	30	4	5	35	30	66	108	132	71	114	116
Andorra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Angola	0	0	0	16	0	0	0	0	0	0	0	0	0	23	40	64	105	38	30	30	3	9	4	11	32	28	0
Antigua and Barbuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Argentina	0	0	0	0	0	0	0	0	2	0	0	3	3	3	4	2	31	20	8	10	14	10	13	22	36	79	86
Armenia	0	0	0	0	1	6	0	3	5	12	11	29	36	39	0	0	7	1	61	32	44	17	0	1	2	18	1
Australia	0	0	0	0	0	1	0	0	0	0	0	0	0	0	14	8	7	0	0	0	0	0	0	0	0	0	0
Austria	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
Azerbaijan	0	0	0	0	0	0	7	19	20	38	146	883	841	170	72	66	4	0	0	0	0	0	0	0	0	0	0
Bahamas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bangladesh	34	125	117	78	73	122	21	58	123	96	164	282	295	497	855	801	711	1'229	613	24	1'124	204	1'209	3'520	1'860	1'342	1'559
Barbados	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belarus	6	11	15	6	7	25	52	38	36	96	179	322	230	120	66	26	22	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1
Belize	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
Benin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	59	14	47	6	16	2	2	3	1	127
Bhutan	0	0	0	0	0	1	1	142	0	0	0	0	0	0	4	1	0	40	1	3	7	4	19	4	0	1	5
Bolivia	0	0	2	3	5	3	1	2	8	3	1	5	4	4	20	2	4	11	9	16	15	31	25	49	24	22	31
Bosnia and Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Botswana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brazil	8	18	15	0	64	10	46	53	217	32	181	171	245	252	276	495	640	801	987	1'284	1'804	2'304	2'860	3'369	3'297	3'846	4'646
Brunei Darussalam	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0
Bulgaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Burkina Faso	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	15	28	42	51	383	737	751	759	725
Burundi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	1	0	2	3	2	3	14	4	4	8	20	6
Cambodia	0	0	0	3	0	0	0	0	0	0	0	5	22	13	11	179	70	13	88	292	367	410	460	1'503	1'231	1'559	
Cameroun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	41	412	0	0	0	
Canada	0	0	1	2	2	1	0	1	0	1	0	2	1	2	2	3	5	3	4	4	5	9	8	11	12	7	55
Cape Verde	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	3	0	2	
Central African Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	1	21	23	25	8
Chile	0	0	0	0	0	0	0	0	0	0	1	2	4	8	12	25	36	47	132	183	290	223	154	76	122	203	253
China	1	0	2	9	11	12	19	16	40	35	0	85	119	124	146	231	421	343	267	427	787	1'423	3'418	7'227	6'502	8'481	9'767
Colombia	0	1	0	1	3	0	11	0	2	3	7	12	14	45	76	10	16	42	23	45	23	252	54	127	117	145	263
Comoros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cook Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Costa Rica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Côte d'Ivoire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cuba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyprus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
D.P.R. Korea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Democratic Republic of the Congo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Djibouti	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4	0	0	1	3	0	0	1	411
Dominica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dominican Republic	16	39	122	38	35	47	52	44	25	25	6	13	4	6	31	11	27	29	105	77	52	100	142	124	120	125	187
Ecuador	0	0	0	0	4	1	1	5	21	21	22	194	565	13	10	5	3	4	8	18	11	44	77	24	38	22	16
Egypt	0	0	0	0	0	0	0	2	3	1	6	10	18	29	44	55	59	110	184	368	630	663	727	994	804	411	333

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

# Reference      Diphtheria incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
El Salvador	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	4	15	18	22	1	2	
Equatorial Guinea																												
Eritrea	0	0	3																									
Estonia	0	0	0	0	2	2	2	0	0	3	14	19	7	11	3	7	0											
Ethiopia	0	0	0	0	0	0	0	125	19		45																	
Fiji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Finland	0	0	0	0	0	2			0	0	3	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
France	3	0	5	0	1		0																					
Gabon	0	0	0	0	0	0	0	0	0	0	0	0	0	18	463	16	3	20	4	7	11	4	1	0	0	0	1	
Gambia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Georgia	14	10	12	26	28	22	28	60	114	286	348	429	312	28	3	7												
Germany	0	1	1	0	1	0	0	0	1	3	3	4	8	9	1	2	6	5	4	8	7	4	8	17	30	7	19	
Ghana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Greece	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grenada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Guatemala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Guinea	0	36	8	134	114	0	0	0	0	0	0	0	0	0	3	1	2	10	0	0	0	17	3	13	14	17	9	
Guinea-Bissau	0	0	0	0	0	0	0	0	0	2	0																	
Guyana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Haiti	12	204	37	2	6	5	0	8	0	0	0	0	0	0	0	0	2	29	7	4	55	25	21	26	24	23		
Honduras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hungary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iceland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
India	2472	10231	8485	3914	5301	5472	5125	1786	1378	1326	2504	2123	3040	7131	8115	12550	8425	11152	16472	12952	9426	15685	17055	13776	17191	26315	39231	
Indonesia	432	499	197	402	51	34	23	114	14	4355	562	597	64	82	129	1342	2200	1603	2079	268	928	1161	1792	1389	3285	3507	3674	
Iran (Islamic Republic of)	26	15	6	24	10	15	18	13	13	30	13	9	14	32	90	335	373	263	288	480	162	143	128	157	295	377	139	
Iraq	6	6	17																									
Ireland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Israel	0	0	0	0	1	0	0	3	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Italy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jamaica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Japan	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jordan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kazakhstan	9	1	0	4	14	14	13	17	75	162	465	1105	489	82	45	30	28											
Kenya	0	0	0	0	0	6	15	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kiribati	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kyrgyzstan	2	1	2	1	3	13	15	66	138	292	412	704	304	6	4	10	6											
Lao People's Democratic Republic	2	9	11	116	40	2	3	6	8	10	319	0	183	4	5	2	9	14	23	189	37	23	30	64	813	11		
Latvia	32	20	20	20	45	91	264	81	67	42	112	369	250	12	8	5	3											
Lebanon	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lesotho	0	0	0	23	0	0	0	0	0																			
Liberia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Libyan Arab Jamahiriya	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lithuania	0	0	0	0	3	0	2	6	2	2	11	43	38	8	9	1												
Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Madagascar	0	0	0	0	12	12	12		112	51	154	179																
Malawi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Malaysia	0	3	3	11	2	4	1	6	5	1	0	1	0	4	4	12	9	35	20	26	28	39	17	24	10	15	131	
Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Malta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Marshall Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mauritania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.



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## Reference Diphtheria incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan	15	13	70	166	26	28	26	21	67	15	17	17	79	42	121	432	1'342	382	845	310	892	342	166	156	1'008	982	587	
Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	0
Swaziland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sweden	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3	10	10	14	0	0	0	4	4
Switzerland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1
Syrian Arab Republic	0	0	0	0	1	0	1	5	166	59	13	61	31	16	91	70	80	173	203	303	332	400	448	353	498	493	366	
Tajikistan	2	3	3	14	11	3	11	35	166	723	1'496	4'485	1'912	678	14	5	11											
Thailand	3	2	13	8	0	11	15	52	43	38	53	19	40	28	40	53	58	87	216	536	632	762	1'021	1'038	1'125	794	1'918	
T.F.Y.R. Macedonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Timor-Leste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Togo	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tonga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	3	0
Tunisia	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	3	3	2	4	2	2	4	7
Turkey	0	0	0	1	2	5	4	4	6	2	22	4	49	49	8	16	20	17	11	26	36	145	155	361	131	136	86	
Turkmenistan	3	2	2	2	1	2	30	49	18	38	80	87	60	3	22	4	4											
Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61												
Uganda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	78	4										
Ukraine	68	98	123	158	285	283	365	375	706	1'364	3'159	5'277	3'003	2'976	1'553	1'103	109											
United Arab Emirates	0	0	0	0	0	0	0	1	0	0	0	0	2	3	7	9	0	4	15	12	26	12	12	2	1	3	20	
United Kingdom	3	0	0	3	6	4	2		0	4	1	1	4	5	3	1	2	2	2	2	4	4	4	4	4	4	2	5
United Republic of Tanzania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	160	4
United States of America	0	0	0	1	1	2	2	1	1	5	0	0	2	0	4	5	4	3	2	3	0	3	1	5	2	5	3	
Uruguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uzbekistan	0	0	0	0	0	0	4	5	4	28	163	638	232	137	29	16	12											
Vanuatu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Venezuela	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	22	30	22	12	31	24	21	23	50	31	
Viet Nam	25	36	49	105	105	133	113	81	130	152	143	167	166	167	497	511	509	639	983	1'827	1'974	2'381	2'389	3'487	2'921	2'688	1'730	
Yemen	36	8	2					3	24			54	6		269	1		4'615	310	376	244	981	997	981	555	284	555	
Zambia	7	11	4	31	25	50	0	68	0	0	0	0	0	0	0	4	52	22	22	14	19	35	16	27	19	29	12	
Zimbabwe	0	0	0	0	0	0	0	3	0	0	0	0	19	0	0	1	0	0	0	0	0	4	27	25	13	7	8	









## Reference Measles incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Sudan	228	1374	9562	4381	4529	4362	21875	3347	550	350	2559	841	963	683	17017	30014	14075	15114	7466	1635	27136	67589	2390	2806	68171	64304	50168
Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	68	5	37	110	40	17	647	716	254
Swaziland	0	0	0	350	37	49	10	0	180	609	2201	171	610	7148	2042	1467	1465	1461	1581	4261	2253	3253	4794	3267	9185	2592	
Sweden	19	13	5	3	9	5	59			62	44	23	21	25	57	25	29	62	38		173	326	1003	4626	6223	3540	1786
Switzerland	60	39	39	574		700		800	2000	6400	2000	1400	1400	3000	4300	2700	1990	2700	7600	7400							
Syrian Arab Republic	517	375	189	801	538	290	146	3	5400	6850	2060	1362	1334	2300	374	359	535	729	58	292	2154	425	1405	879	800	1729	1478
Tajikistan	3	3	4	2144	927	38	192	177	3070	3882	42	56	531	5045	2439	1241	6397										
Thailand	3499	3328	3900	4565		7319	4074	3167	13734	15122	5757	11112	38659	17851	7892	26709	29244	14862	36092	42172	19545	32156	47205	34713	27691	24298	16795
T.F.Y.R. Macedonia	3	5	9	18	19	27	36	53		364	1056	217	229	2495	180	181											
Timor-Leste	90	203	41	94	0																						
Togo	26	38	61	295	363	1833	3578	2540	3771	450	223	6144	7298	4017	6959	9934	4548	3499	17577	10111	13119	25729	25869	19403	21925	19043	33960
Tonga	0	0	0	0	0	4	0	6	36	1081	0	0	0	0	10	18	65	25	0	0	233	412	5	36	19	187	2336
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	141	511	2170	388	441	2660	3549	3556	2392	1284	3601	384
Tunisia	3	15	1	22	98	231	47	101	123	371	533	676	597	1413	11872	1250	547	1147	288	573	3740	4786	2481	1464	1928	3007	225
Turkey	34	6200	8927	5844	7823	30509	16244	16329	27120	22795	27171	13544	23733	34285	24626	22521	11372	19273	9279	2194	2267	14695	30666	31515	8778	26547	8618
Turkmenistan	48	0	1	1	11	9	113	452	1035	377	96	383	2613	2486	692	1346	2906										
Tuvalu	0	0	0	0	0	0	0	0	0	14	51	1	0	0	1	0	0	0	0	284	0	0	2	0	0	20	3
Uganda	5736	22	141	29429	49871	48543	42554	42737	42528	12562	26198	42689	49815		38511		2637	660	1666				20072	43016	11408	18530	13415
Ukraine	42724	2392	146	411	7587	16970	817	1389	5107	7000	8678	1923	9837	23452	13289	5321	6841										
United Arab Emirates	29	22	22	42	53	30	69	117	296	243	425	671	518	745	1063	1148	1187	1068	1187	2913	2158	2400	1749	2105	1891	2820	2796
United Kingdom	764	79	189	460	314	73	104		74	4844	6866	9017	23525	12018	12317	11727	28228	30160	88259	44850	90214	104774	67632	114948	105642	61779	147962
United Republic of Tanzania	2362	23	1419	1673	5131	11847	14849	5887	10023	7287	10676	3180	3558	16471	13040	27188	14920	7033	14568	42109	38229	48032	39311	68804	102127	79764	63100
United States of America	45	66	37	56	41	116	85	100	100	138	489	309	968	312	2231	9643	27786	18193	3396	3655	6282	2822	2587	1497	1714	3124	13506
Uruguay	0	0	0	0	0	0	0	34	6	2	2	5	0	16	187	2040	110	20	76	1190	198	160	352	18	135	15465	141
Uzbekistan	823	737	75	85	25	22	80	1193	875	261	228	294	1661	2354	2020	3878	3943										
Vanuatu	0	3		165	101	7	9	12		113	4	27	27	67	154	541	67	169	140	253	1084	940	1634	401	832	45	39
Venezuela	99	0	0	0	2392	115	22	0	4	27	89	172	15364	20244	11949	15273	9881	10160	12339	19261	14026	21974	11833	11263	14200	31255	9750
Viet Nam	1978	410	217	2297	6755	12058	16512	14134	11680	6507	5156	6171	11863	12015	11830	9874	8175	22332	23308	30460	68463	82231	87796	125176	72466	62400	86901
Yemen	8079	6285	12708	8536	890	485	26126	8785	51	225	225	225	35	601	2420	75	26681	10424	17408	15596	27997	38713	33348	24482	21355	18020	
Zambia	459	45	35	881	25036	16997	30930	23518	7785	7140	9459	8533	14255	11829	11006	2822	6748	5747	12487	14793	23866	51000	36881	51140	73498	184210	98659
Zimbabwe	212	420	31	988	304	529	1483	772	2049	12971	37407	8529	37785	34071	17346	24090	13728	47509	49812	17675	20388	22290	21662	36253	4941	4995	23650





## Reference

## Mumps incidence: Reported cases



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980						
Afghanistan																																	
Albania	236	1696	896	2236	3124	1414	1651	1006																									
Algeria																																	
Andorra	3	1	2	1		4																											
Angola			23		0																												
Antigua and Barbuda	0	0	0	0	0	0																											
Argentina	11461	10727	11483			17970		24028																									
Armenia	128	167	504		1759	987	3431	11380																									
Australia		240	106	76	68	113	212	178																									
Austria																																	
Azerbaijan	162	303	508	794	5178	7138	6817	4265																									
Bahamas	0	0	0	0	0	0																											
Bahrain	22	87	35	35	0	21	167	48																									
Bangladesh																																	
Barbados	0	0	0	0	0	0																											
Belarus	446	502	759	2189	7044	10758	19069	23104																									
Belgium	54	70	56	94		6																											
Belize	24	30			3																												
Benin																																	
Bhutan		144				5333	1367	25554																									
Bolivia		0	0	0	1485		3577	1237																									
Bosnia and Herzegovina	91	93	141																														
Botswana		0			0																												
Brazil																																	
Brunei Darussalam		25	21	27		35	33	57																									
Bulgaria	911	608	91	180	334	1446	2357	15845																									
Burkina Faso																																	
Burundi			0																														
Cambodia																																	
Cameroon																																	
Canada	37	83	32	20	197		88																										
Cape Verde					2																												
Central African Republic			0																														
Chad																																	
Chile	1497	1587	1491	1826		2262	2352	2253																									
China	273242	291135	226619																														
Colombia	2243	2366	1545	1505	1401	1401																											
Comoros	0																																
Congo	0			0	0	0																											
Cook Islands	0	0	0	1	0	0	0	0																									
Costa Rica		46	66	282		298	419	432																									
Côte d'Ivoire						0																											
Croatia	66	155	84	72	101	116	152	175																									
Cuba	882	346	279	0	0	0	0	0																									
Cyprus	0	5	14		0		0																										
Czech Republic	5172	1803	244	763	748	107	120	117																									
D.P.R. Korea	176	187	2050	2710	2710	0																											
Democratic Republic of the Congo																																	
Denmark	13	11	8	3	12	15	34																										
Djibouti																																	
Dominica	0		0		0	0																											
Dominican Republic			0	10			2760																										
Ecuador		1037																															
Egypt	251	251		639		849	1390																										

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## Reference Mumps incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980			
El Salvador	890	488	501	391		676	1170	778																						
Equatorial Guinea																														
Eritrea	1240	2335	1771	1652	1627	1808	2028	654																						
Estonia	17	29	132	35	36	45	63	409																						
Ethiopia								2301																						
Fiji	1020		20	14	14	4																								
Finland	8	6	1		7	2																								
France	7500		13749	13000			17400																							
Gabon						934	0																							
Gambia	0	0	0	0	0																									
Georgia	71	111	132		713	3067	2646	917																						
Germany																														
Ghana	1514																													
Greece		33	3		156	50	32	47																						
Grenada	0	0	0	0	0																									
Guatemala		1807	2164	973	530																									
Guinea	0					0																								
Guinea-Bissau	0																													
Guyana	0	0	0	0	0	0	0																							
Haiti		584																												
Honduras	456	408	554	599	909	719	853	950																						
Hungary	30	72	100	108	98	183	223	186																						
Iceland	29	84	0	0		0	0																							
India																														
Indonesia																														
Iran (Islamic Republic of)							10417																							
Iraq	1865	3243	15256			2780	18720	25554																						
Ireland	426	1012	389	39	33	40		38																						
Israel	7	109	34		7	5	48	25																						
Italy	1208	1536	2058	2942	5077	37669	40428																							
Jamaica	2	3	1	4	11	9	10																							
Japan			84672	84672	254711	132677	132659																							
Jordan	636	5375	5771	2609	4397	7482	16122	11612																						
Kazakhstan	326	930	4089		8379	4833	3236	2877																						
Kenya				0	8831	30468																								
Kiribati		0	0		0	0	0	0																						
Kuwait		87	85				76	90																						
Kyrgyzstan	1126	4752	2864		715	231	350	1508																						
Lao People's Democratic Republic																														
Latvia	6	37	72		231	6534	1949	41																						
Lebanon	68	14	54	28	184	39	23	67																						
Lesotho	0			3244			2972																							
Liberia		0	0																											
Libyan Arab Jamahiriya	107	221	189		651	515																								
Lithuania	74	101	279	284	226	466	4377																							
Luxembourg	1	1	0				0																							
Madagascar																														
Malawi			0																											
Malaysia																														
Maldives	5349	5410	44																											
Mali																														
Malta	1	9	7	4	11	7	386	98																						
Marshall Islands	0	0		6	11	0	0	0																						
Mauritania																														

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.







## Reference

## Mumps incidence: Reported cases



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Mauritius	1																											
Mexico	8322	8651	8425	10825		19696	27403																					
Micronesia (Federated States of)	0	0	0			0		0																				
Monaco				5																								
Mongolia	5073	1686	417	450	1659	2795	874	426																				
Montenegro	23																											
Morocco																												
Mozambique					651																							
Myanmar	0	0																										
Namibia	0			0																								
Nauru	0	0	0			0	0	1																				
Nepal																												
Netherlands																												
New Zealand	48	62	45	57	64	50	50	56																				
Nicaragua	151	219	0	242	261	321	1081																					
Niger																												
Nigeria																												
Niue	0	0	0	0	0	0	0	0																				
Norway	24	8	7		5	6	1																					
Oman	1127	856	829	1664	2497	3661	10443	12628																				
Pakistan																												
Palau	0	0	0		0		0	0																				
Panama	205	203	112	112		482	303																					
Papua New Guinea																												
Paraguay	234	148	194	544	2263	1002	527	782																				
Peru	0		0	0	0	0																						
Philippines																												
Poland	15115	71945	135179	87336	39978	16724	17548	90214																				
Portugal	193	4	219	231	298	6493	3153																					
Qatar	185	140		96	80	69	65																					
Republic of Korea	2090	1860	1744	1518	281	1668	3057																					
Republic of Moldova	296	368	424		1579	2556	1942	3198																				
Romania	14519	59893	64427	48210	38927	41205	26542	51385																				
Russian Federation	2361	3027	4366	9191	11490	20289	40976	70556																				
Rwanda		0		0																								
Saint Kitts and Nevis	0	0	0	0	0	0	0																					
Saint Lucia	0		0	0	1	4																						
Saint Vincent and the Grenadines	0	0	0	0	0	0																						
Samoa	0	1	0	21																								
San Marino	0	1	0				11																					
Sao Tome and Principe	0	0	0	0	6	0	4																					
Saudi Arabia	79	139	349	749	976	941		2290																				
Senegal																												
Serbia	52	93	334	362	1062	473	1215	932																				
Seychelles	0	6	0	0	0	0		4																				
Sierra Leone																												
Singapore	844	1003	1003	877	1090	1399	5981	6384																				
Slovakia	17	10	14	24	11	20	32	44																				
Slovenia	23	13	22	42	36	43																						
Solomon Islands	0				0	0																						
Somalia																												
South Africa					24																							
Spain	6797	2349		1623	4495		9391	4200																				
Sri Lanka						622	901	592																				

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## Reference Mumps incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan																												
Suriname		0	0	0	37																							
Swaziland		0	0	0	0	0	0	0																				
Sweden	60	81	30	8	15	22	37																					
Switzerland						9'900		16'400																				
Syrian Arab Republic	330	441	3'676	6'186	10'724	18'651	7'780	10'836																				
Tajikistan	732	547	424		2'915	526	428	1'990																				
Thailand	7'595	8'791	10'767	10'608		9'039	6'527	8'104																				
T.F.Y.R. Macedonia	49	125	69	77	109	87	441	316																				
Timor-Leste		0	0																									
Togo																												
Tonga	8	20	0	0	0	0	0	1																				
Trinidad and Tobago	13	0	0	24	20	15																						
Tunisia																												
Turkey	19'726	19'754																										
Turkmenistan		472	798		1'661	680	1'124	764																				
Tuvalu	4	0	0	0	0	0	0	0																				
Uganda																												
Ukraine	3'726	3'776	5'115	13'156	20'934	23'476	26'538	32'854																				
United Arab Emirates		222	248	333	352	423	732	1'236																				
United Kingdom	5'691	63'525	10'055		544	814	1'089																					
United Republic of Tanzania																												
United States of America	6'339		258	197	238	231	323																					
Uruguay	1'646	2'193		0	5	18	20	24																				
Uzbekistan	1'754	1'784	2'304	5'414	9'677	5'775	3'949	5'439																				
Vanuatu	50				0	0																						
Venezuela	2'935	3'095	2'842	3'156	3'601	1'788	5'851	6'578																				
Viet Nam								18'008																				
Yemen	6'295	3'165																										
Zambia	6'548	15'874	17'472	6'654	6'882	12'989	6'213	7'396																				
Zimbabwe																												









## Reference Pertussis incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan	39	90	192	232	213	645	80	51	169	418	133	1486	127	264	271	312	566	621	327	1115	20010	10314	1365	862	43905	41811	28631	
Suriname	0	0	0	0	0	5	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	
Swaziland	1	0	0	0	0	0	0	0	0	13	11	4	31	38	34	72	20	27	97	294	796	673	533	1294	808			
Sweden	795	1360	1371	664	1350	979	2705			2490	8473	10655	13187	11542	9782	11432	10697	10969	12777	6747	5746	10839	4743	9778	4787	2256	5221	
Switzerland					6000			11000	13000	13000	11500	20000	26000	5000	5000													
Syrian Arab Republic	212	22	268	309	476	240	124	183	313	925	934	961	212	51	109	103	39	69	30	166	255	286	214	485	188	260	430	
Tajikistan	22	22	74	23	53	24	13	80	66	284	86	192	662	1094	1115	581	935											
Thailand	98	23	21	26	72	93	43	101	110	110	110	117	150	395	414	295	487	1230	1663	1467	1855	2533	4060	4846	3448	2944	4820	
T.F.Y.R. Macedonia	7	7	1	16	4	5	21	10		32	20	27	53	38	46	84												
Timor-Leste	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Togo			88	71	177	628	115	241	491	14	112	60	134	191	362	431	576	1132	2149	1408	2440	3687	2628	4253	5314	3901		
Tonga	2	9	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	1	0	0	1	2	4	50	526	0	2	
Trinidad and Tobago	0	0	0	0	0	0	0	0	1	1	0	0	5	5	4	4	9	7	11	12	15	9	22	0	3	9	10	
Tunisia	8	6	1	2	1	0	1	1	2	5	3	5	3	30	53	8	68	10	115	123	280	482			748	2103	4106	
Turkey	57	272	389	255	193	182	510	222	429	694	672	347	442	692	712	289	454	411	207	279	1048	2678	3145	5706	5063	2661	1520	
Turkmenistan	0	0	3	0	49	8	11	7	13	49	82	31	108	173	209	189	260											
Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Ukraine	2459	1518	2241	778	411	2210	2243	1179	1763	2266	1220	1205	3374	6939	3363	3861	4189											
United Arab Emirates	34	34	18	24	18	7	37	19	28	16	19	29	43	23	32	69	96	58	73	90	157	49	122	74	239	170	228	
United Kingdom	478	358	169	521	1054	1049	866		0	3669	2724	2399	4837	4718	2750	6282	16605	12305	5473	16791	39939	24244	6419	21589	70928	21461	22924	
United Republic of Tanzania	0	0	0	33	1	0										45	243	9236	630	784	2541	2135	839	2016	2125	2604	2788	
United States of America	13144		18957	8483	8296	5396	7122	7298	6279	5461	7796	4315	4617	6586	4083	2719	4570	4157	3450	2823	4195	3589	2276	2463	1995	1248	1730	
Uruguay	15	115	126	35	40	78	57	54	32	197	197	266	357	525	1502	902	713											
Uzbekistan	0	11	0	0	6	36	6	6	6	51	6	0	0	161	161	0	3	39	66	37	138	1881	238	29	45	27	231	
Vanuatu	1183	836	715	408	372	474	555	502	609	973	443	510	808	556	409	1389	1389	634	465	915	3088	4109	1939	3667	4034	4325	3247	
Venezuela	144	194	328	716	662	1242	1426	903	1182	1565	1537	2444	3477	2507	4428	4869	4095	11281	21672	30498	43981	44011	49575	85023	59940	75187	96577	
Viet Nam	3476	1294	2200																									
Yemen	120	185	180	391	595	953	0	1051		0			25		1556													
Zambia																												
Zimbabwe	0	0	0	9	0	0	8	30	0	36	20	34	142	211	595	491	728	839	2631	1961	2154	1765	1511	2594	2629	6290		









## Reference Polio incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Swaziland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	10	13	26	29	17	0	192
Sweden	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Switzerland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1
Syrian Arab Republic	0	1	0	0	0	0	0	1	0	0	0	4	2	0	22	24	13	13	34	39	40	25	29	43	262	248	312
Tajikistan	0	0	0	0	0	0	0	0	0	1	0	0	26	14	5	115											
Thailand	0	0	0	0	0	0	20	24	31	19	1	2	1	7	9	5	4	19	11	25	94	65	81	144	276	257	300
T.F.Y.R. Macedonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Timor-Leste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Togo	0	0	0	1	0	0	0	1	5	2	2	5	6	2	12	21	20	8	25	87	46	69	62	62	158	144	178
Tonga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	2	23	11	19	22	4	6	40	15	15
Turkey	0	0	0	0	0	0	0	26	6	19	32	32	32	24	0	0	0	0	7	32	88	83	165	219	148	182	
Turkmenistan	0	0	0	0	0	0	0	0	0	2	8	6	2	4	16												
Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uganda	0	0	0	0	0	0	0	46	35	121	100	355	15	22	15	22	28	8	15				16	126	17	124	37
Ukraine	0	0	0	0	0	0	0	0	0	1	1	1	14	5	12	3											
United Arab Emirates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	9	0	6	7	21	13	58	37	48	
United Kingdom	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	0	0	0	0	2	6	5	3	2	3	3
United Republic of Tanzania	0	0	0	0	0	0	0	66	10	9	9	9	9	1	9	4	3	4	578	230	340	108	101	26	69	91	91
United States of America	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	8	15	8	6	8
Uruguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uzbekistan	0	0	0	0	0	0	0	0	0	0	0	1	117	68	11	20											
Vanuatu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Venezuela	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	17	46	27	8	9	9	30	68	11
Viet Nam	0	0	0	0	0	0	0	0	1	2	137	121	452	557	612	723	427	839	1449	938	1600	1168	1109	897	644	1741	
Yemen	1	478	0	0	0	0	0	25	16	0	7	45	173	58	45	27	701	114	179	601	336	767	633	235	541	722	
Zambia	0	0	0	0	2	3	0	29	6	5	0	6	14	370	5	79	47	85	69	134	128	177	182	243	429	276	
Zimbabwe	0	0	0	0	0	0	0	2	17	3	1	1	5	0	0	0	1	4	4	5	5	92	68	3	9	28	32









## Reference Rubella incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan	255																											
Suriname	0	0	0	0	0	0	0	1	8																			
Swaziland	107	0	0	1	7	11	115	0																				
Sweden	2	0	0	0	1	3	1																					
Switzerland						1'200		1'400																				
Syrian Arab Republic	30	4	47	112	1	11	2	648																				
Tajikistan	46	1'231	567	681	654	54	111	385																				
Thailand	455	382	379	496		879	1'136	856																				
T.F.Y.R. Macedonia	28	31	33	52	61		87	120																				
Timor-Leste	0	0																										
Togo	0	86	142	285	334																							
Tonga	0	0	0	0	0	0	0	0																				
Trinidad and Tobago	0	0	2			0																						
Tunisia	5	11	15			1'012																						
Turkey	1'058	2'245																										
Turkmenistan	0	488	26	18	29	32	129	581																				
Tuvalu	0	0	0	0	0	0	0	0																				
Uganda	285	428	428	125	60																							
Ukraine	15'106	22'248	31'606	20'201	162'927	79'373	37'931	105'137																				
United Arab Emirates	43	10	60	29	59	52	92																					
United Kingdom	30	35	17	34	72	43	75																					
United Republic of Tanzania	87	151	234	109	175																							
United States of America	8	0	12	7	14	21	166	250																				
Uruguay	0	0	0	0	0	1	2	3																				
Uzbekistan	304	440	498	1'810	1'196	595	454	2'447																				
Vanuatu					0	0																						
Venezuela	2'472	823	96	2'515	3'662	9'014	13'927	11'391																				
Viet Nam	3'403	3'012																										
Yemen	302	230																										
Zambia	0	165	157	0																								
Zimbabwe																												











# Reference Rubella (CRS) incidence: Reported cases



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Mauritius	3																												
Mexico	0	1	5	9			0																						
Micronesia (Federated States of)	0	0	0	0	0	0	0	0																					
Monaco																													
Mongolia	0	0	0	0	0	3	0																						
Montenegro																													
Morocco																													
Mozambique	0																												
Myanmar																													
Namibia																													
Nauru	0	0	0	0	0	0	0	1																					
Nepal																													
Netherlands	0	4																											
New Zealand	0	0	0	0	0	0	0	0																					
Nicaragua							1																						
Niger																													
Nigeria																													
Niue	0	0	0	0	0	0	0	0																					
Norway	0	0	0	0	0	0	0	0																					
Norway	0	0	0	0	0	0	0	0																					
Oman	1	0																											
Pakistan																													
Palau	0	0	0	0	0	0	0	0																					
Panama	0	0	0	0	0	0	0																						
Papua New Guinea																													
Paraguay	0	0	1	0	0																								
Peru	11	5	1	1	1	0																							
Philippines																													
Poland	0	0	0	0	2	3	1	1																					
Portugal	0	0	0	0	0	0	0	1																					
Qatar	0	0	0	0	0	0	0																						
Republic of Korea																													
Republic of Moldova	0	0	0	0	0	0	0	0																					
Romania	1	1	8	7	5	5	20																						
Russian Federation	10	2	2	2	2	7	11	2																					
Rwanda																													
Saint Kitts and Nevis																													
Saint Lucia	0	0	0	0	0	0	0																						
Saint Vincent and the Grenadines																													
Samoa	0	0	1																										
San Marino	0	0	0	0	0	0	0																						
Sao Tome and Principe	0	0	0	0	0	0	0	0																					
Saudi Arabia	0	0	0	0	0	0	0	0																					
Senegal																													
Serbia																													
Seychelles	0	0	0	0	0	0	0																						
Sierra Leone																													
Singapore	0	0	0	0	1	4	2	2																					
Slovakia	0	0	0	0	0	0	0	0																					
Slovenia	0	0	0	0	0	0	0	0																					
Solomon Islands	0																												
Somalia																													
South Africa																													
Spain	0	5	0	0	0	0	1	0																					
Sri Lanka	2	0	20	61	8	13	26	19																					

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

## Reference Rubella (CRS) incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Sudan	0	0	0			0	0																						
Suriname	0	0	0	0	0	0	0	0																					
Swaziland	0	0	0	0	0	0	0	0																					
Sweden	0	0	0	0	0	0	0	0																					
Switzerland	0	0	0	0	0	0	0	0	1																				
Syrian Arab Republic	4	0	2	0	0	1	0	0																					
Tajikistan						0	0	0																					
Thailand																													
T.F.Y.R. Macedonia					0	0	0	0																					
Timor-Leste		0																											
Togo																													
Tonga	0	0	0	0	0	0	0	0																					
Trinidad and Tobago	0	0	0	0	0	0	0	0																					
Tunisia																													
Turkey		2																											
Turkmenistan																													
Tuvalu	0	0	0	0	0	0	0	0																					
Uganda																													
Ukraine		0																											
United Arab Emirates																													
United Kingdom	0	1	0	2	0	3	4																						
United Republic of Tanzania																													
United States of America	1	0	1	0	0	2	7																						
Uruguay	0	0	0	0	0	0	0	0																					
Uzbekistan	0	0	0	0	0	0	0	0																					
Vanuatu						0	0																						
Venezuela				0																									
Viet Nam																													
Yemen																													
Zambia	0	0	0																										
Zimbabwe																													









## Reference Tetanus (neonatal) incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Sudan	115	94	88	112	97	99	88	66	53	95	40	21	70	71	150	28					2 090	18					90
Suriname	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0
Swaziland	1	0	0	0	0	1	0	0	0	0	1	1	0	2	4	6	3	8	10	25	126	133	28	35	19		
Sweden	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Switzerland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syrian Arab Republic	3	5	8	11	16	18	15	23	32	45	61	106	74	74	82	50	55	90	116	140	192	124	151	100	144	85	91
Tajikistan	4	6	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0										
Thailand	4	6	11	6	0	11	17	25	20	25	32	38	68	67	120	166	212	286	325	414	508	564	548	566	677	630	664
T.F.Y.R. Macedonia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1											
Timor-Leste	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
Togo	15	10	8	28	42	29	33	41	39	14	27	13	32	7	27	24	42	97	64	143	101	118	115	117	139	237	217
Tonga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tunisia	0	0	0	0	0	1	2	2	3	4	4	7	7	3	7	8	9	13	21	37	25	33	45	44	34	36	13
Turkey	18	32	15	41	32	32	26	30	30	33	61	63	51	46	29	68	67	63	51	46	66	41					
Turkmenistan	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uganda	143	107	152	316	611	520	470	209	583	158	167	307	523		605		129	110	144								
Ukraine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	6		5	7	7	3	
United Kingdom	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
United Republic of Tanzania	11	7	19	14	32	41	48	40	34	21	19	29	25	53	91	114	28	1 078		274	326	158	83		421	652	
United States of America	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2	0	0	0	0
Uruguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uzbekistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vanuatu	0	0	0	3	2	1	0	6	0	0	2	0	0	1	0	0	2	1	1	1	0	2	0	0	2	2	3
Venezuela	4	2	0	0	4	0	2	4	7	7	14	18	14	27	29	35	28	46	43	53	59	70	77	101	132	143	129
Viet Nam	27	35	46	76	95	104	142	219	266	257	257	330	422	333	187	334	313										
Yemen	101	46	50	84	122	121	174	131	131	34	15	12	3	8	21	6	19	48	49	16	16	119	139	73	31	7	
Zambia	37	29	33	41	102	39	130	161	7	12	5	24	21	29	5	6	57	196	270	388		147					
Zimbabwe	2	5	6	4	9	13	16	12	7	12	5	18	24	12	23	28	16	58	21	67	358	218	245	428	118	134	











## Reference Tetanus (total) incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan	115	94			121			66		186	169	161	176	188	292	202	411	402	571	512	3571	7130	216	258	5128	5168	4451	
Suriname	2	1	0		5	0	2	0	0	0	4	3	1	0	1	0	40	2	2	2	2	0	7	0	0	0	11	
Swaziland	1	0	0	0	0	0	0	0	0	0	0										194	230	156	38	378			
Sweden	1	1	0	0	0	1	0	0	0	3	3	3	1	1	0	1	1	0	0	1	4	2	1	0	5	5	4	
Switzerland	2	0	0	3	0	0	1	0	1	2	3	2	3	3	1	4	1	1	3	1	0	0	2	4	1	2	2	
Syrian Arab Republic	3	5		15	20	23	17	25	36	49	78	135	90	78	89	22	71	113	135	140	192	127	187	113	186	246	244	
Tajikistan				0	0	0	0	0	0	0	0	1	3	2	1	3												
Thailand	236	47	199	226		222	220	234	310	340		349	432	502	588	706	813	970	1131	1226	1379	1455	1461	1663	1871	1937	1818	
T.F.Y.R. Macedonia	1	2	1	0	1	0	0	4		1	2	1	1	2	1	0												
Timor-Leste		6	0																									
Togo		10		28	42												107	219	262	358	517	273	247	277	252	508	436	
Tonga	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	4	3	1	3	5	3	2	
Trinidad and Tobago	0	0	0	2	2	1	3	7	2	1	0	1	0	7	8	10	10	10	4	3	12	12	15	15	11	14	28	
Tunisia	5	2	2	2	5	7	5	3	3	4	4	8	7	7	13	12	12	15	30	42	34	43	47	44	178	58	121	
Turkey	28	51	37	58	48	56	38	60	60	51	42	63	105	95	110	102	123	141	104	116	160	113	161	162	110	69	48	
Turkmenistan	0	0	0	0	1	0	1	0	3	1	1	1	1	1	2	4												
Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1												
Uganda	1166	107				710	339					13					288	381	270									
Ukraine	24		20	34	36	34	36	52	41	42	55	72	77	83	99	95												
United Arab Emirates	1	1	9	5	4	6	6	3	4	0	3	7	8	3	8	3	3	6	12	10	6	8	9	10	19	4	14	
United Kingdom	3	10	20	14	7	7	2			9	10	7	4	8	7	8	18	22	23	15	14	12	9	8	20	25	30	
United Republic of Tanzania	18																4	28	384	3	35	71	306	158	261			
United States of America	22	1	1	0	0	1	0	0	2	1	1	2	2	4	4	5	64	53	53	48	64	83	74	91	88	72	95	
Uruguay	0	0	2	1	0	0	0	2	1	1	2	3	4	3	12	4												
Uzbekistan	0	0	0	0	0	0	0	1		0	0	0	0	3	1	0	0	4	6	1	1	4	5	5	5	3	0	
Vanuatu	38	33	35	34	29	38	27	46	46	65	65	60	59	92	81	118	99	112	138	156	228	262	245	348	435	413	476	
Venezuela	57	85	72	119	151	177	267	685	401	165	399	484	553	479	338	893	628	1703	2158	1561	1532	1658	1371	1351	1371	1948		
Viet Nam	101	46											51	100	30													
Yemen	47	53	78	30	157	62	193	261		11		24					57	99	109	156	210	268	213	212	274	307	409	
Zambia	26	9	95	4	59	21	28	43	25	68	48					29								90	135	118	139	
Zimbabwe																												









## Reference Yellow fever incidence: Reported cases

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980				
Sudan	0	0	0			0	0	0																							
Suriname	0	0	0			0	0	0																							
Swaziland	0	0	0			0	0	0			0	0																			
Sweden	0	0	0			0	0	0																							
Switzerland	0	0	0			0	0	0																							
Syrian Arab Republic	0	0	0			0	0	0																							
Tajikistan	0	0	0			0	0	0																							
Thailand	0	0	0			0	0	0																							
T.F.Y.R. Macedonia	0	0	0			0	0	0																							
Timor-Leste	0	0	0			0	0	0																							
Togo	3	0	0			0	0	0	0	0	0	0									5			1							
Tonga	0	0	0			0	0	0																							
Trinidad and Tobago	0	0	0			0	0	0			0	0																			
Tunisia	0	0	0			0	0	0																							
Turkey	0	0	0			0	0	0																							
Turkmenistan	0	0	0			0	0	0																							
Tuvalu	0	0	0			0	0	0																							
Uganda	0	0	0			0	0	0			0	0																			
Ukraine	0	0	0			0	0	0																							
United Arab Emirates	0	0	0			0	0	0																							
United Kingdom	0	0	0			0	0	0																							
United Republic of Tanzania	0	0	0			0	0	0			0																				
United States of America	0	0	0			0	0	0																							
Uruguay	0	0	0			0	0	0			0	0																			
Uzbekistan	0	0	0			0	0	0																							
Vanuatu	0	0	0			0	0	0																							
Venezuela	0	12	5	43	0	0	0	1	15	0	0	2																		4	
Viet Nam	0	0	0			0	0	0																							
Yemen	0	0	0			0	0	0																							
Zambia	0	0	0			0	0	0																							
Zimbabwe	0	0	0			0	0	0			0																				





## Official coverage index



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## Reference BCG coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan		78	77	71	73	68	71	66	92	80	90	86	76	61	60	66	73	50	54	43	22	12	8	5	3	3	2	
Suriname																												
Swaziland		78	84	84	97	95	95	90	97	99	85	100	100	98	97	71	96	96	95	94	91	79	73	72	66	59		
Sweden		17	17	16	16	16	16	16	16	16	15	14	14	13	13	12	13	13	14	14	14	16	16	10	6	4	3	
Switzerland						21																						
Syrian Arab Republic		100	100	100	100	100	100	100	100	100	100	100	100	100	92	95	92	98	87	71	98	53	49	46	37	36	35	
Tajikistan		94	98	97	99	98	97	99	98	98	99	96	96	69	88	88	84	84										
Thailand		100	100	100	99	99	99	99	98	99	99	98	80	92	100	100	100	93	79	96	62	60	63	82	85	71	68	
T.F.Y.R. Macedonia		92	99	94	95	91	97	97	90	97	98	95	90	95														
Timor-Leste		72	70	72	80	83																						
Togo		96	96	91	79	81	59	83	63	54	63	44	63	67	73	77	84	99	96	83								
Tonga		100	99	100	99	99	91	99	100	100	100	99	99	97	96	100	99		95	93	98	100	78	83	98	86	99	
Trinidad and Tobago																												
Tunisia		99	98	97	93	91	97	95	94	91	93	87	89	75	81	86	80	82	85	82	83	83	76	81	83	65	65	
Turkey		88	88	79	76	77	82	77	78	76	73	69	68	72	68	67	59	16	16	34	27			65	47	42	74	
Turkmenistan		99	99	99	99	99	99	99	99	98	97	93	97	94	97	96	91											
Tuvalu		100	100	100	100	100	100	100	100	100	100	100	88	90	87	97	95	96	95	86	92	90	90	100	78		99	
Uganda		85	92	100	96	96	92	83	93	85	88	102	96	98	100	98	100	100	77	74	51	37					18	
Ukraine		97	96	98	98	98	98	99	99	97	97	95	92	89	93	99	91											
United Arab Emirates		98	98	98	98	98	98	98	98	98	98	98	98	98	98	95												
United Kingdom																												
United Republic of Tanzania		102	91	91	91	88	91	86	87	83	85	80	88	92	94	99	93	85	92	93	94	82	90	73	83	64	74	72
United States of America																												
Uruguay		99	100	99	99	99	100	99	99	99	99	99	99	99	98	99	99	99	96	99	92	92	93	99	76	76	56	
Uzbekistan		98	93	99	98	98	98	98	98	97	97	95	95	93	98	90	94	94	85	98								
Vanuatu		92	65		63	41	90	99	99	99	78	72	67	96	84	100	96	80	73	79	75	83	64	58	61	32		
Venezuela		83	95	97	91	100	94	99	98	82	89	90	91	95	81	85	90	82	88	76	63	86	92	82	76	77	72	
Viet Nam		95	95	96	97	97	97	98	95	93	96	95	96	94	91	91	90	94	79	59	55	50	48	4				
Yemen		70	66	63	67	74	73	82	77	66	46	50	60	57	54	74	100	75	52	30	19	20	16	15	13	12	9	
Zambia		100	91	94	80	85	100	100	87	81	100	98	100	92	88	97	97	93	86	97	83	89	71					
Zimbabwe		100	98	95	92	80	80	82	88	73	82	79	95	90	79	82	87	87	83	85	86	89	69				64	









## Reference DTP1 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Sudan	95	95	88	89	80	85	70																						
Suriname	94	107	92	81	90	90																							
Swaziland	73	77	94	86	88	88	111																						
Sweden	0	99																											
Switzerland		94	95	85	95	95	93	93	93	93	83	93	93	93	93	93													
Syrian Arab Republic	99	99	99	99	100	96	98	100	100	100	100	100	99	98	95	95	93	99	83	71									
Tajikistan	98	97	98	98	99	98	98	99	98	96	91	97																	
Thailand	99	99	99	99	99	99	99																						
T.F.Y.R. Macedonia	95	96	96	100	100	95	98																						
Timor-Leste	75	64	65	80	79																								
Togo	91	91	83	83	75	56	66																						
Tonga	100	100	100	100	96	100	99																						
Trinidad and Tobago	93	94	91	83	90	91	90																						
Tunisia	100	98	97	96	96	96	94																						
Turkey	92	92	86	76	82	95	92																						
Turkmenistan	99	99	98	96	99	96	97																						
Tuvalu	99	100	100	100	100	100	80																						
Uganda	89	94	100	96	91	82	72																						
Ukraine	98	95	96		97	96																							
United Arab Emirates		97	96	96	96	96	96																						
United Kingdom																													
United Republic of Tanzania	94	95	100	100	96																								
United States of America			99	99	97	100																							
Uruguay	99	99	98	98	99	99	92																						
Uzbekistan	96	99	99	99	94	97	97																						
Vanuatu	90	75				58																							
Venezuela	79	98	110	85		85	92																						
Viet Nam	94	94	92	86	85	100	97																						
Yemen	92	100	92	81	64																								
Zambia																													
Zimbabwe	95	95	90	85	62	20	90																						











## Reference DTP3 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Sudan	85	83	79	74	64	71	65	79	70	79	79	72	68	51	53	63	62	40	40	27	14	8	4	3	2	1	1
Suriname	84	83	85	74	73	66	71	85	90	85	80	84	74	74	63	74	83	72	64	71	80	84	80	85	61	27	25
Swaziland	68	71	83	95	77	77	98	100	84	82	82	82	96	89	93	79	89	89	88	86	74	61	50	43		30	
Sweden	99	99	99	99	99	99	98	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99			99	
Switzerland	95	94	93	83	93	93	88	88	88	89	89	89	89	89	89	89	90	90	90	90	90	90					
Syrian Arab Republic	99	99	99	99	99	99	95	97	97	97	96	92	89	90	89	89	91	94	59	42	86	29	25	21	15	14	13
Taiikistan	96	95	96	96	97	97	96	96	93	95	89	94	95	78	86	81	86	88	88	87	89	82					
Thailand	98	98	98	98	97	97	97	97	97	95	96	94	71	79	85	86	85	74	70	75	47	47	44	53	25	52	49
T.F.Y.R. Macedonia	93	97	94	96	96	91	95	95	94	97	93	95	88	90	85	93											
Timor-Leste	67	55	57	70	57																						
Togo	87	82	71	72	59	43	50	48	36	40	27	47	71	75	76	82	77	65	66	54							
Tonga	100	99	99	98	90	94	95	94	97	96	99	95	89	96	100	88	94	92	100	75	92	51	63	52	37	40	
Trinidad and Tobago	92	95	94	91	96	91	90	90	91	90	89	89	85	81	87	82	82	77	82	79	70	75	65	60	54	62	26
Tunisia	99	98	97	95	96	96	97	100	96	96	91	92	91	99	100	93	91	92	91	75	72	70	61	62	52	36	36
Turkey	90	90	85	68	76	83	80	80	78	79	84	66	81	76	78	81	74	74	68	71	45			56	58	64	42
Turkmenistan	98	99	97	83	98	95	97	98	99	98	97	93	90	73	84	81	79										
Tuvalu	97	93	98	93	98	96	82	83	94	77	97	87	100	80	70	74	100	85	89	59	73	52	37	79	72	49	36
Uaanda	80	84	87	81	72	61	58	60	56	61	72	74	79	73	71	77	77	60	40	39	21	14		14		9	
Ukraine	98	96	99	97	100	99	99	99	98	99	99	98	97	93	88	85	79	79	78	42				43	45	53	
United Arab Emirates	94	94	94	94	94	94	94	94	94	94	90	90	90	90	86	85	85	89	73	63	65	58	59	50	43	45	11
United Kingdom	92	91	90	91	91	93	92	76	79	79	82	81	84	83	83	81	78	77	85	79	74	67	60	57	49	44	
United Republic of Tanzania	90	90	95	85	89	87	79	76	79	79	79	82	81	84	83	83	83	83	83	83	83	74	67	58	52	50	55
United States of America	95	96	94	91	95	94	94	94	96	96	95	95	94	88	83	81											
Uruguay	95	96	94	91	95	94	92	93	91	91	91	91	91	92	93	96	97	88	82	85	68	63	62	73	67	57	53
Uzbekistan	95	99	99	98	98	97	96	99	99	96	97	89	67	62	83	90	79										
Vanuatu	85	66		49		93	90	90	93	72	67	73	74	86	77	83	76	61	58	56	31	30	28	27	22		
Venezuela	71	87	86	68	65	70	86	77	38	60	57	66	63	67	67	64	63	57	56	57	58	49	33	58	53	54	56
Viet Nam	94	95	96	100	75	96	96	93	94	95	94	93	94	91	88	88	88	88	70	50	43	42	5	4			
Yemen	85	86	78	66	69	76	76	72	68	51	57	53	44	54	50	62	89	56	36	18	13	10	6	4	3	2	1
Zambia	97	91	94	91	88		76	92	70	83	82	86	86	67	61	91	71	58	63	65	66	66	58	83			
Zimbabwe	90	90	85	80	75	75	77	81	70	78	80	83	80	73	79	89	78	83	81	84	75	72	60	30		39	

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.









## Reference HepB3 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Sudan	68	52																											
Suriname	84	83																											
Swaziland	68	71	78	85	78	78		76	76	76	76																		
Sweden	2	1	1	1																									
Switzerland	63																												
Syrian Arab Republic	98	98	98	98	98	89	90	91	91	84	82	74	64	23	5														
Taiikistan	94	94	85	60	39																								
Thailand	96	96	96	96		95	95	95				92	66	57	15														
T.F.Y.R. Macedonia	93	91																											
Timor-Leste																													
Togo																													
Tonga	100	99	99	93		96	97	93	96	95	94	91	90	96	82		94												
Trinidad and Tobago	89	95	94	76	5				60																				
Tunisia	99	97	96	92	93	94	88	94	93	90	78																		
Turkey	82	85	77	68	72	72	66																						
Turkmenistan	98	99	97	97	96																								
Tuvalu	97	79	98	95	99	99	81	93	96	88	86	49	17																
Uganda	80	84	87	63	42																								
Ukraine	96	97	98	77	49	7	4																						
United Arab Emirates																													
United Kingdom																													
United Republic of Tanzania	90	90	95	95	89																								
United States of America																													
Uruguay	95	96	94	91	95	94	92	93	87	84	82	68	42	16															
Uzbekistan	97	99	99	99	92	8		1																					
Vanuatu	85	56		56		69	75	75	75	75	69	66	69	82	82	46													
Venezuela	71	88	82	75	54	77	1	46																					
Viet Nam	93	94	94	78	65	97	94	82	69																				
Yemen	85	86	49	42	34	21	15	9																					
Zambia	97	91																											
Zimbabwe	90	90	85	80	75	36	77	31				1																	

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.







## Reference Hib3 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980			
El Salvador	96	89	90	83	89																									
Equatorial Guinea																														
Eritrea																														
Estonia	88	37	27											17																
Ethiopia																														
Fiji	81	75	71	88	85	82				98																				
Finland	98	98	96	96	96	96					96		93	97	97	97														
France																														
Gabon																														
Gambia	95	88	90	90	90	75	83	90																						
Georgia																														
Germany	94	92	90	89	91	79				80	70	70	65	65	65	60														
Ghana	84	84	80	80	119																									
Greece								88					3																	
Grenada	91	100	83	97	98	96	33																							
Guatemala	91	38																												
Guinea																														
Guinea-Bissau																														
Guyana	93	93	91	91	91	85																								
Haiti																														
Honduras	87	91	89	92	95	95	95																							
Hungary	100	100	100	100	100	100	100	100																						
Iceland	97	95	99	97		92	98					99	99	99	99	99														
India																														
Indonesia																														
Iran (Islamic Republic of)																														
Iraq																														
Ireland	91	90	89	86	83	84	85	86	84	76																				
Israel	96	96	98	96	93	93	94	93	92	92	92	93	92																	
Italy	95	95	94	90	83	70	55																							
Jamaica	87	89	82	19	7	3																								
Japan																														
Jordan	98	95	95	97	95	59																								
Kazakhstan																														
Kenya	80	76	73	73	84																									
Kiribati																														
Kuwait		111				98	94		94																					
Kyrgyzstan																														
Lao People's Democratic R																														
Latvia	99	94	95	92	87	84	79	76	47	36	7	9	10																	
Lebanon	46	47		92																										
Lesotho																														
Liberia																														
Libyan Arab Jamahirya																														
Lithuania	94	61	35	11	5	4	3	2																						
Luxembourg		98								86																				
Madagascar																														
Malawi	100	93	89	84	64																									
Malaysia	89	85																												
Maldives																														
Mali	101	51																												
Malta	83	83	55	83	71	84	93		89		38																			
Marshall Islands	60	69	46	70	80	45	45																							
Mauritania																														

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

## Reference Hib3 coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Mauritius	96																												
Mexico	73	98	98	98	91	89	89																						
Micronesia (Federated States of)	59	74	65		100		75	40																					
Monaco								100																					
Monolia	98	100																											
Montenegro	90																												
Morocco	10	10	10	4		5		1																					
Mozambique																													
Mwanmar																													
Namibia																													
Nauru																													
Nepal		97	97	96	96	96	96	96	96	96																			
Netherlands																													
New Zealand	80	80				90	90	88	81	86																			
Nicaragua	87	86	79	86	84	92	89	83																					
Niger																													
Nigeria																													
Niue	100	100	100	100	100	100	100																						
Norway	94	93	94	94	95	93	93				97																		
Oman	98	102	99	100	97																								
Pakistan																													
Palau	98	98	98		90		96	96	74																				
Panama	117	85	106	86	87	40																							
Papua New Guinea	85	87	88	85																									
Paraguay	94	89	91	96	35	33	38		17																				
Peru																													
Philippines																													
Poland	31	22																											
Portugal	97	93	95	89	94	86	86		95																				
Qatar	96	97	96	96	96	94	92		88																				
Republic of Korea																													
Republic of Moldova																													
Romania																													
Russian Federation																													
Rwanda	100	95	89	96	88																								
Saint Kitts and Nevis	99	100	95	100	95	99	12																						
Saint Lucia	85	95	91	84	14																								
Saint Vincent and the Grenadines	99	99	100	27	27																								
Samoa																													
San Marino	95	94	98	96			92	95								65													
Sao Tome and Principe																													
Saudi Arabia	96	96	96	95	91		96																						
Senegal	89	36																											
Serbia																													
Sevchelles	42																												
Sierra Leone																													
Singapore																													
Slovakia	99	99	99	99	92	99			36	30	3																		
Slovenia	97	96	94	88	93	93																							
Solomon Islands																													
Somalia																													
South Africa	99	97	89	94	76	78	88																						
Spain	98	96	97	88	97	96	92	82																					
Sri Lanka																													



## Reference Hib3 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan																												
Suriname	84	83																										
Swaziland																												
Sweden	99	99	98	98	98	99	98																					
Switzerland	92	93	91	91	91	91	86	82	77																			
Syrian Arab Republic	99	99	99	99	99	99	95																					
Taiikistan																												
Thailand																												
T.F.Y.R. Macedonia																												
Timor-Leste																												
Togo																												
Tonga	100	100																										
Trinidad and Tobago	89	95	94	92	59	85	74	49	8																			
Tunisia		80	97	96																								
Turkey																												
Turkmenistan																												
Tuvalu																												
Uganda	80	84	87	63	42																							
Ukraine	11																											
United Arab Emirates		94	94	94	94	92	92	94																				
United Kingdom	92	91	91	91	91	94	92				95		93	89														
United Republic of Tanzania																												
United States of America			94	94	93	93	93	94	93	93	91	91																
Uruguay	95	96	94	91	95	90	88	93	75	84																		
Uzbekistan																												
Vanuatu																												
Venezuela	71	87	61	54	56	30	2																					
Viet Nam																												
Yemen	85	57																										
Zambia	97	91	94																									
Zimbabwe																												

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

## Reference

## MCV coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Afghanistan	68	64	61	60	44	47	35	40	40	48	42		40	25	19	20	22	34	31	14	14	13	13		8	6	11	
Albania	95	97	96	93	96	95	95	85	89	95	92	91	90	76	87	80	96	96	96	96	96	96	96	96			90	
Algeria	91	83	81	84	81	83	83	83	75	74	75	77	69	69	68	74	53	73	59								17	
Andorra	91	94	98	96	98	97	97	97	90	90																		
Angola	48	45	64	62	72	72	46	46	80	78	41	65	44	47	21	39	43	56	55	60	83		26					
Antigua and Barbuda	100	100	97	100	127	97	95	99	100	93	99	93	91	99	99	87	89	95	89	80	69	69	73	48				
Argentina	97	107	100	104	95	88	91	97	111	93	103	99	96	95	92	108	93	89	87	80	87	54	79	67	67	77	61	
Armenia	92	94	92	94	60	96	92	92	94	92	89	96	95	95	93	93	95											
Australia	94	93	93	94	93	92	91	88	82	87	87	87	86	86			86	85	68		68		68					
Austria	80	75	74	79	78	79	75	65	98	90	87	87	80	60	60	60	60	60	60	60	60	40	30	25	25	25		
Azerbaijan	96	98	98	98	97	96	99	98	98	97	99	97	91	28	66	70	82											
Bahamas	88	85	89	90	94	94	93	86	92	93	92	90	88	88	94	99	99	87	78	87	93	79	63	66	65			
Bahrain	100	100	99	100	99	98	98	94	92	90	94	95	93	90	87	88	87	85	78	73	60	54	65	59	37	43	63	
Bangladesh	84	78	96	69	65	64	61	61	72	97	96	96	95	87	92	83	82	53	13	6	3	1	1	1	1			
Barbados	92	93	98	90	93	94	86	97	92	92	97	92	97	92	90	92	87	85	84	85	84	88	84	55	53		41	
Belarus	97	99	99	99	99	99	98	98	98	98	97	96	93	97	96	94	95	96	97	96	61	57	56	55	57	56	55	
Belgium	92	88	82	82	75	82	75	82	80	76	73	85	78	70	87	67	85	75	50	90							50	
Belize	100	95	95	94	89	93	95	82	84	85	80	83	83	83	83	76	86	68	70	64	81	49	44	44	51	40	21	
Benin	89	85	85	83	88	81	85	92	82	82	74	82	78	69	72	60	73	48	30	26	20	23						
Bhutan	90	93	87	88	78	78	77	71	84	84	85	85	81	61	60	89	79	60	64	52	41	43	36	21	20	21	21	
Bolivia	82	89	90	99	107	100	99	77	99	99	86	83	89	81	80	73	53	47	44	33	17	17	20	13	15	17	13	
Bosnia and Herzegovina	90	90	88	84	89	92	80	83	84	86		53	57	48	52	95												
Bosnia and Herzegovina	121	113	86	90	79	77	84	74	80	79	82	72	71	59	58	52	55	55	51	48	64	68	71	76	70	70	63	
Botswana	102	100	100	100	97	100	100	99	96	100	80	90	78	85	91	85	78	60	62	64	62	67	73	68	66	72	56	
Brazil		97	101			100	99	94	100	98				100	92			100	100	100	100	100	98	90	94		73	
Brunei Darussalam	96	96	95	96	92	90	89	96	95	93	95	94	93	88	92	98	100	99	100	100	100	99	98	98	90	98	98	
Bulgaria	88	84	78	76	64	69	59	29	45	68	54	55	45	42	41			37	65	64	38					23		
Burkina Faso	92	87	78	81	67	54	61	47	44	52	50	49	42	69	69	74	74	73	55	54	41	32	27	54	40	28		
Burundi	78	79	80	65	52	59	65	63	63	68	72	75	53	36	33	39	34	39	39	53								
Cambodia	73	68	64	61	53	47	49	46	47	43	39	46	38	32	37	35	36		14				31	25			16	
Cameroon	94	96	94	95					96	96	97	96	97	96	96				85	70								
Canada	65	65	69	76	85	72	80	61	66	82	66	66	66	95	91	90	79	90	78	75	59	54						
Cape Verde	108	65	70	35	39	29	34	38	39		46	72	37		57	62	67	57	40	14	24	23	19	16	16	15	12	
Central African Republic	83	70	56	61	55	36	42	49	30	30	31	24	24	19	25	28	23	23	17	16								
Chad	91	90	94	96	95	96	97	94	98	96	93	97	96	94	89	99	97	92	95	92	91	92	94	95	96	95	94	
Chile	93	86	98	98	98	98	79	98	85	97	96	97	93	89	94	96	98	95	77	63	88	88	74	78	83	85	94	
China	88	89		93	93	71	70	70	73	75	75	99	87	94	74	78	82	64	74	59	45	51	51	43	28	26	13	
Colombia	66	80	73	63	71	70	70	70	67	49	43	69	69	56	51	40	87	85	40	71	26	18	42					
Comoros	66	56	65	50	37	35	34	23	18	18	64	42		55	54	60	77	60	48	66	86	67	54	59			49	
Congo	111	131	107	100	98	84	76	63	94	87	72	96	72	100	87	94	67	100	92	84	70	76	65	68				
Cook Islands	90	89	88	89	94	85	82	88	83	99	84	91	87	89	69	96	90	77	96	93	90	78	76	84	87	79	60	
Costa Rica	73	51	49	56	56	61	73		62	68	65	57	47	52	54	57		40										
Côte d'Ivoire	95	96	96	95	95	94	93	92	93	91	92	92	90	90	90	89												
Croatia																												
Cuba	96	98	99	99	93	114	94	96	99	96	99	99	99	96	99	99	94	98	89	99	80	85	82	94	55	49	48	
Cyprus	87	86	86	86	86		86			90	90	83						76	74	91	60		25	19	21	28	29	
Czech Republic		97	97	99				97	95	96	97	96	97	98	97	98												
D.P.R. Korea	96	96	95	95	98	92	92	98	98	34	37	100	98	99	99	98	98	99	96	94	94	93	31	30	29	31	29	
Democratic Republic of the	73	70	64	54	45	11	46	15	20	20	21	27	33	33	17	37	41	41	44	41	39	41	30	30	25	29	18	
Denmark	100	95	96	96	102	94	100	92	91	84	85	88	88	81	85	86	84	80	72	82								
Djibouti	67	65	60	66	62	49	50	23	21	59	47	58	59	42	83	79	85	61	68	22	19	27	20				15	
Dominica	102	98	99	100	99	100	99	99	98	100	100	100	99	99	99	98	88	88	90	87	97	93	85	63	43			
Dominican Republic	102	105	61	79	82		88	96	95	82	80	96	86	96	75	69	96	43	29	71	71	54	19	24	25	18	30	
Ecuador	97	93	100	99	80	116		99	99	88	74	78	73	58	73	63	61	67	56	52	46	49	54	54	44	32	24	
Egypt	98	98	97	98	97	97	98	96	98	92	92	89	92	89	89	89	87	92	85	76	78	74	47		69	65	78	

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# Reference

## MCV coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
El Salvador	98	99	93	80	93	82	97	99	99	99	94	93	80	86	55	54	98	73	63	48	51	71	41	46	43	44	45	
Equatorial Guinea	25	24	33	36	51	52	19	24	24	82	61	61	29	53	64		18	46			17	11						
Eritrea	80	80	80	62	65	66	50	55	52	53	38	29	27	23							84	82	73	68	68	70	74	
Estonia	96	96	96	95	95	95	93	92	89	88	86	81	76	74	75	78	82	23	15	13	10	12	8	7	7	3	4	
Ethiopia	63	59	56	44	42	37	32	29	29	33	34	38	28	21	12	12	38	23	15	13	10	12	8	7	7	3	4	
Fiji	100	70	62	91	88	90	96	96	96	96	98	98	99	99	99	97	97	95	98	87	87			81		70		
Finland	97	97	97	86	86	85	84	83	82	83	84	83	80	78	76	74	71	58	51	45	39	35						
France	44	30	37	37	30	24	27	30	30	32	57	57	52	65	66	71	76	73	68	67	58	58						
Gabon	95	84	90	90	90	85	88	88	92	92	94	91	89	87	83	87	86	84	80	88	62	75	79	70	71	70	69	
Georgia	95	92	86	80	99	100	97	97	90	95	88	61	63	61	16	81	99											
Germany	94	93	93	92	91	91	92	90	89	75	75	75	75	75	75	70	50	47	47	50	50	25						
Ghana	85	83	83	80	127	75	84	73	67	59	53	54	49	50	43	40	52	44	59	28	31			1	21	23	16	
Greece	98	100	75	99	96	99	92	94	97	92	85	88	87	100	73	76	76	76	82	81	39	77	75					
Grenada	95	94	95	94	92	91	88	83	79	74	69	83	66	71	59	49	68	60	48	77	62	49	31	7	5			
Guatemala	90	82	73	75	61	59	59	61	58	56	49	69	69	69	56	39	25	17			9						23	
Guinea	60	80	80	61	47	48	48	19	51	51	49	45	68	52	61	52	53	46	51	60		35						
Guinea-Bissau	90	92	88	89	93	92	86	87	93	91	91	77	83	92	73	76	73	69	55	52	42	40	56	51	68			
Guyana	66	59	57	53	34	53	80	85	42	30		32	24	24	24	31	31	31	58	23	26	21	8	3				
Haiti	91	92	90	95	97	95	98	98	98	99	91	89	93	94	89	86	90	94	76	56	60	53	44	49	48	34	31	
Honduras	100	100	100	100	100	100	100	100	100	100	100	100	99	99	100	100	99	99	99	100	99	99	99	99	99	99	99	99
Hungary	95	90	93	93	88	91	88	89	87	86	83	83	87	89	86	85	91	83	79	90	90	68	1					
Iceland	90	89	86	75	67	56	89	87	84	86	83	83	87	89	86	85	91	83	79	90	90	68	1					
India	88	91	78	90	44	76	73	88	91	93	92	82	92	89	90	89	85	68	64	57	45	26	13	6				
Indonesia	100	94	96	99	100	96	100	99	100	95	100	95	97	96	96	84	85	79	83	55	55	62	38	38	55	48	39	
Iran (Islamic Republic of)	78	85	93	68	80	80	79	77	77	98	97	95	88	87	95	68	83	95	78	66	75							
Iraq	86	84	81	78	73	73	79	77	77																			
Ireland	96	96	96	95	98	96	97	97	97	97	96	93	92	92	94	94	91	88	86	88	88	88	85	85	88	83	81	
Israel	87	87	84	83	77			70	55	57	55	50	50	50	50	50	43	41	10	21	17	12	10	5				
Italy	87	84	86	79	86	85	88	82	85	85	88	96	90	82	80	63	77	74	68	62	36	64	60	15	12			
Jamaica	87	84	86	79	86	85	88	82	85	85	88	96	90	82	80	63	77	74	68	62	36	64	60	15	12			
Japan	100	95	99	96	95	99	94	83	86	95	94	93	92	91	88	69	71	66	77	80	81	39	73	73	66	69	69	
Jordan	99	100	98	100	95	95	99	100	100	97	97	95	91	91	88	91	85	87	84	87	80	81	39	73	73	66	69	
Kazakhstan	77	69	73	72	78	74	46	71	70	62	65	73	47	38	36	37	41	36	28		65	63						
Kenya	61	85	56	79	88	77	80	62	77	82	64	47	70	89	77	62	75	63	54	14	14	4	8	24				
Kiribati	110			97				96	99	95	99	98	98	95	95	62	70	80	72	72	67	67	57	79	64	55		
Kuwait	97	99	99	100	98	99	98	99	98	98	98	97	88	93	94	94	99	98	97	95	93	91	88	80	79	71	48	
Kyrgyzstan	70	41	36	42	55	50	42	71	71	67	73	68	73	46	46	47	32	20	23	11	10	6	6					
Lao People's Democratic R	95	95	99	99	98	96	97	97	97	97	96	81	81	80	95	96	97	97	98	97	98	98	95	95	92	94		
Latvia	26	54	53	96	96	90	90	99	91	89	85	85	85	65	63	51	39	40	15	81	30	23						
Lebanon	80	67	59	55	53	63	63	63	56	45	39	44	49	84	60	70	80	72	72	67	67	67	57	79	64	55		
Lesotho	94	94	42	53	57	76	52	35	31		44	44								40	39							
Liberia	98	97	100		93	93	92	92	91	91	93	92	92	91	88	87	89	79	76	75	78	75	76	71	65	66	61	
Libyan Arab Jamahiriya	97	97	98	98	98	97	97	97	97	96	96	94	93	92	89	86	89	92	94									
Lithuania		95		91						91	91				80	80	80	80	80	71	77							
Luxembourg	84	84	98	86	61	29	81	73	56	57	68	64	55	54	51	47	57	44	36	28	18	6	1					
Madagascar	85	82	80	77	69	81	82	90	90	87	90	97	99	87	82	78	81	84	71	60	58	49	50	58	64	64	49	
Malawi	90	90	71	94	76	92	88	87	86	86	86	86	85	81	82	80	70	61	61	68	35	20	23	11				
Malaysia	97	97	97	96	99	99	99	97	98	96	95	96	97	86	98	97	96	88	83	41	50	47						
Maldives	86	86	75	68	64	61	55	46	60	56	57	52	46	51	35	38	43	40	23	11	6	19						
Mali	94	86	87	90	85	0	74		60	60	51	51	51	90	92	90	80	86	41	59	10	10						
Malta	96	86	70	90	80	89	94	93	93	52	69	57	59	36	86	74	52	25	31									
Marshall Islands	62	61	64	71	81	58		56		20	53	53	53	49	43	32	38	30	26	27	40							
Mauritania																												

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	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Mauritius	99	98	98	84	84	90	84	80	85	87	61	89	85	84	84	88	76	80	73	69	71	67	55	53	34			
Mexico	96	96	96	96	96	95	96	95	96	90	93	90	90	82	91	90	78	85	70	54	60	64	21	23	37	33	35	
Micronesia (Federated States of)	83	96	85	91	84	85	85	79	82	74		90	83	80		76	81	94	84	69								
Monaco			85					100								98	100	100	100									
Monolia	99	99	96	95	95	95	94	93	93	91	88	85	80	84	88	82	92	86	70	61	11	18	20	1			17	
Montenegro	90																											
Morocco	95	97	95	90	94	96	93	90	91	92	83	88	87	83	81	80	79	82	81	73	48	45	42	35	17			
Mozambique	98	75	60	96	94	92	97	90	87	70	67	71	65	62	56	55	59	58	44	37	39	39	50	51	58	32		
Mwanab	78	72	78	75	75	75	76	84	85	88	86	82	77	88	84	85	68	50	32	17	5							
Namibia	63	73	70	70	68	58	69	65	63	58	61	68	70	71	76	71	57	77										
Nauru	100	80	87		40	95	8		90	100																		
Nepal	85	74	73	75	71	71	77	81	73	85	80	71	61	61	64	64	68	57	58	37	37	34	24	11	2	2		
Netherlands	96	96	96	95	95	96	96	95	96	96	94	94	94	95	94	93	94	94	92	92	92	92	93	92	91	91	91	
New Zealand	82	82			85	85	83	81	100	100	100	84	87		82	82	90			67	60			71		80		
Nicaragua	100	96	84	83	98	101	100	97	99	94	90	81	81	83	73	54	82	63	63	46	50	49	38	41	40	43	15	
Niger	104	83	74	64	48	53	27	28	31	80	58	45	27	20	42	46	38	14	12							19		
Nigeria	112	38	40			30			26	69	38	44	50	34	43	57	48	31	42	24	17	9	17			55		
Niue	100	100	100		100	100	100	100	100	100	100	34		100		100		100	94	94	94	52	52				77	
Norway	91	89	89	86	87	90	88		93	92	92	92	94	93	96	94	87	84	87	87	87	80	80	80	80			
Oman	96	98	98	98	99	100	100	99	98	98	98	98	97	95	96	96	98	94	87	86	79	65	53	34	24	10	22	
Pakistan	80	78	67	61	63	75	75	81	76	74	78	56	64	71	76	77	76	64	55	52	41	23	33	19	3	2	1	
Palau	98	98	100		99	83	96	74	83	99	100	100	41	32	94	98		98	100	98	98						71	
Panama	94	99	106	83	79	65	97	90	96	92	93	84	84	83	76	80	73	73	73	78	74	84	72	85	64	76	71	
Papua New Guinea	65	60	63	61	56	62	62	62	61	50	24	42	36	28	89	73	66	52	46	37	39	54	26	1				
Paraguay	88	90	89	91	86	92	74	100	100	100	82	75	76	96	87	75	71	53	63	56	46	48	62	62	22	10	26	
Peru	100	80	89	85	95	97		92	93	91	87	99	75	76	83	60	64	52	52	56	41	53	35	28	32	26	23	
Philippines	92	93	83	55	73	75	80		87	90	90	86	86	87	90	88	85	83	77	68	51	49	44	27	9			
Poland	99	98	97	97	98	97	97	97	97	97	97	96	96	95	95	94	95	95	95	94	92	92	94	94	93	93	92	
Portugal	97	93	95	96	92	87			96	96	99	94	91	95	99	96	85	96	84	81	75	70	70	48	46	49	54	
Qatar	99	100	99	83	100	92	91	87	89	87	90	87	86	86	86	84	79	79	73	60	62	62	62	69	22	10	26	
Republic of Korea	100	100	100	96	97	66	95		85	85		93	92			93	95	70	82	89	89				5	5	4	
Republic of Moldova	96	97	96	96	94	81	87	99	99	99	98	98	95	92	92	93	94	94	93	92	95	96	98	95	89	83	76	94
Romania	95	97	97	97	96	98	98	98	98	97	94	93	91	93	91	92	92	90	78	90	90	81	88					
Russian Federation	99	99	98	96	98	98	97	97	94	91	89	85	81	88	83	79	81	82	89	92	76							
Rwanda	95	89	84	90	69	69	57	78	94	66	76	88		74	81	89	55	58	69	74	63	52					42	
Saint Kitts and Nevis	100	100	98	98	100	90	100	99	100	100	97	100	99	100	99	100	100	100	90	77	91	96	91	85				
Saint Lucia	94	94	95	90	98	89	88	95	90	95	95	94	92	94	75	97	82	91	83	81	91	68	60	36	43			
Saint Vincent and the Grenadines	100	97	99	94	99	98	96	87	100	100	100	100	100	99	100	100	96	100	97	91	88	74	92	59	40			
Samoa	54	57	25		99	92	93	91	100	99	96	96	94		90	77	89	82	75	78	91	81	83	78	59			
San Marino	94	94	98	91		74	100							96	100	100												
Sao Tome and Principe	85	88	91	87	85	75	69		59	60	57	74		57	52	77	71	45	69	69	58	35	48			25		
Saudi Arabia	95	96	97	96	97	94	94	92	93	92	92	94	93	91	88	95	88	86	81	77	77	79	71	65	53	12	8	
Senegal	80	74	57	60	54	48	48	48	60	62	65	70	80	50	46	43	46	68	51			40						
Serbia	88	96	96	96	97	92	91	89	93	100	98	97	92	85	82	76	83	90	93	92	92	91	90	95			95	
Severchelles	100	100	100	100	98	95		99	93	100	98	97	92		92		86		89	100	95	90	77			29		
Sierra Leone	95	67	64	73	62	50	43	40	68	28	79	43	44	67	61	54	75	84	81	87	94	85	75	66	49	23	28	36
Singapore	93	98	95	93	94	95	96	97	96	98	97	97	95	87	89	92	84	81	87	94	85	75	85	88	78	57	47	
Slovakia	98	96	99	99	99	98	98	99	99	99	99	99	99	99	96	98	99											
Slovenia	96	94	94	87	93	94	95	98	93	82	83	93	91	90	90	81	90	91	91	91	89	89	90	87	83	87	85	
Solomon Islands	75	70	72	70	67	78		96	64	68	90	68	60	64		76	70	92	69	58	31							
Somalia	85	35	40	40	45	36		26	47																			
Somalia	85	84	78	83	78	72	95	82	82		76	76		77	85	85	79	84	68	75	64	70	70	74		2	9	
South Africa	97	97	97	98	97	96	94	95	93	93	90	90	90	90	83	85	98	97	84	85	83	79	68	40	27	8		
Sri Lanka	99	99	96	100	99	105	99	95	94	94	88	87	84	86	82	79	80	76	68	60	45	20	3					

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	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan	76	73	72	70	62	80	60	79	62	92	75	72	76	49	52	57	57	34	34	22	11	6	3	2	1	1		
Suriname	83	91	86	69		90		85	82	78	99	79	66	60	61	84	65	73	90	70	78	73	4	14	17	39	1	
Swaziland	57	60	70	84	72	72	80	82	82	92	82	94	94	85	85	80	85	85	85	69	74	54	50	46	62	67	7	
Sweden	95	95	95	94	91	94	91	88	94	96	96	97	97	97	96	96	96	95	94	94	94	94	94	83	91	92	88	
Switzerland	86	86	82	82	82	82	81	81	83	83	83	83	83	83	83	83	90	90	70	70	70	70	70	70	70	70	70	
Syrian Arab Republic	98	98	98	98	98	93	96	97	97	93	95	90	84	86	84	84	87	86	52	37	64	27	23	19	22	14	13	
Taiikistan	96	95	98	98	97	97	98	90	94	95	90	81	84	92	79	77	95	68	95	96	99	98	64	98	96	82	86	
Thailand	96	96	96	96	94	94	94	96	96	98	92	85	64	69	74	75	70	59	56	52	30	22	5					
T.F.Y.R. Macedonia	94	96	96	96	98	92	97	98	96	98	91	97	86	98	53	93												
Timor-Leste	64	48	55	60																								
Togo	83	70	70	72	48	33	43	47	34	41	25	39	59	63	64	66	65	66	66	57								
Tonga	99	100	100	99	91	93	93	97	96	97	95	94	86	87	87	90	86	81	88	37	81	81	43	67	44	9		
Trinidad and Tobago	89	93	94	88	87	91	90	88	90	88	88	84	86	87	83	93	71	59	72	68	42	32	10	10	43	65	65	
Tunisia	98	96	95	90	94	92	85	99	94	92	86	91	87	90	94	82	88	83	83	74	67	65	55	42	43	65	65	
Turkey	98	91	81	75	82	84	81	81	73	76	85	65	76	72	74	73	67	67	59	50	34			30	64	52	27	
Turkmenistan	99	99	97	97	88	98	97	97	99	100	98	92	90	84	76	63	80											
Tuvalu	84	62	97	95	99	100	81	94	96	100	94	94	94	64	66	63	95	79	90	65	65	92	71	65				
Uganda	89	86	91	83	77	63	61	63	59	64	70	82	79	73	68	74	74	60	49	48	32	17						
Ukraine	98	96	99	99	99	99	99	99	96	97	92	97	96	94	90	89	89											
United Arab Emirates	92	94	94	94	94	94	94	96	95	95	90	90	90	90	85	82												
United Kingdom	85	82	81	80	83	85	88	88	91	91	92	92	92	92	92	90	89	84	76	76	71	71	62	58	55	52		
United Republic of Tanzania	93	91	94	97	89	86	78	72	72	73	78	78	79	77	81	79	80	79	83	78	97	66	55	60	50	51	46	
United States of America	94	95	95	93	93	91	91	92	92	91	89	88	89	84	83													
Uruguay	95	99	99	99	95	94	89	99	96	92	89	90	90	90	92	96	97	82	72	88	79	59	66	65	52	95	50	
Uzbekistan	95	99	99	99	91	97	99	99	96	88	85	91	71	82	84	84	85	81	90	89	90	92	73					
Vanuatu	99	70		48	44	94	94	94	94	65	61	60	53	74	66	63	66	50	46	34	22	26	18	23	20			
Venezuela	55	76	80	83	83	49	84	82	92	68	64	47	94	62	61	63	62	50	51	54	48	56	41	42	46	43	50	
Viet Nam	93	95	97	83	96	98	97	94	96	96	96	95	96	93	90	88	88	76	56	36	39	19	4	3	1			
Yemen	80	76	76	66	65	79	71	74	66	46	50	53	42	51	46	57	74	48	34	22	13	11	7	5	4	3	2	
Zambia	90	79	81	78	83		85	72	69	69	83	85	89	61	60	89	68	59	66	65	36	49	62					
Zimbabwe	90	85	80	80	60	68	70	79	65	73	77	83	79	72	72	87	76	79	81	80	74	78	62					

## Reference MCV2 coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Afghanistan	26	13	2																									
Albania	94	97	96	93	93	90																						
Algeria	98	94	94	96	93	73																						
Andorra																												
Angola																												
Antigua and Barbuda	68	46																										
Argentina	91	115	85																									
Armenia	85	92	94	93	62	96	94	92																				
Australia		85	85																									
Austria	61	91	47	46	39	34	35																					
Azerbaijan	95	98	98	97	98	96																						
Bahamas	88	88	95																									
Bahrain	99	99	99	100	97	99	92	98																				
Bangladesh																												
Barbados	94	98	100																									
Belarus	95	98	99	98	99	97	92	99																				
Belgium																												
Belize	92	87																										
Benin				102																								
Bhutan																												
Bolivia																												
Bosnia and Herzegovina	61	90	88	85	90	86	74	75																				
Botswana																												
Brazil																												
Brunei Darussalam		97	97		80	95	95																					
Bulgaria	93	92	91	89	79	85	83																					
Burkina Faso						69																						
Burundi																												
Cambodia																												
Cameroon																												
Canada																												
Cape Verde																												
Central African Republic																												
Chad																												
Chile	95	96																										
China	94	84	96	96	97	77																						
Colombia																												
Comoros																												
Congo																												
Cook Islands	107		86	88	61	50	70																					
Costa Rica																												
Côte d'Ivoire																												
Croatia	98	98	98	98	98	98																						
Cuba	97	53																										
Cyprus																												
Czech Republic	97	97	97	97	98	97	97																					
D.P.R. Korea																												
Democratic Republic of the																												
Denmark	91	91	88	88	92	87																						
Djibouti																												
Dominica	99				99	62																						
Dominican Republic			33																									
Ecuador																												
Egypt	97	97	96	97	96	99	97	95																				







## Reference MCV2 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980				
El Salvador	73	87	93																												
Equatorial Guinea																															
Eritrea																															
Estonia	98	98	97	96	94	84	89																								
Ethiopia					40																										
Fiji	100	80																													
Finland																															
France			86	86			27																								
Gabon																															
Gambia																															
Georgia	88	87	75	57	40	8																									
Germany	77	66	51	53	27																										
Ghana																															
Greece																															
Grenada	87	81	61		74																										
Guatemala							59																								
Guinea																															
Guinea-Bissau																															
Guyana	74	72	63			88																									
Haiti																															
Honduras			100	100	100	100	100																								
Hungary			89	92																											
Iceland	93	90	89																												
India			85	92																											
Indonesia	29	91																													
Iran (Islamic Republic of)	98	92	100	96	96	94	100	96																							
Iraq	68	74	65			66	0																								
Ireland																															
Israel	97	97				95																									
Italy																															
Jamaica	44	11	95			96																									
Japan																															
Jordan	88	92	98	91	90	87	83																								
Kazakhstan	100	96	100	100	98	95	101	100																							
Kenya																															
Kiribati																															
Kuwait																															
Kyrgyzstan	97	98	98	98	98	99	96	99																							
Lao People's Democratic R			29																												
Latvia	98	98	92	97	96	95	90																								
Lebanon	49	17		94	94	88	87	99																							
Lesotho	80		56	47	50	46																									
Liberia																															
Libyan Arab Jamahirya	96	95	95			81																									
Lithuania	94	95	93	93	95	96	97																								
Luxembourg																															
Madagascar																															
Malawi																															
Malaysia	90	90																													
Maldives	85	82																													
Mali																															
Malta	86	60																													
Marshall Islands	60	71	92	90	70	6	6																								
Mauritania																															

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

# Reference MCV2 coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980				
Mauritius	85	78	100																												
Mexico	55	97		96	89	99	98																								
Micronesia (Federated States of)		84	74	66		64	50	15																							
Monaco																															
Monolia	96	98	98	88	96	95	75																								
Montenegro																															
Morocco	92	92	91																												
Mozambique																															
Mwanmar																															
Namibia																															
Nauru	97	50	60			95																									
Nepal																															
Netherlands																															
New Zealand		98	98		98																										
Nicaragua							97																								
Niger																															
Nigeria																															
Niue	100	70	100	86	90	100	100	100																							
Norway	91	91	90	89	90	90	90																								
Norway	97	97	98	98	98	100	100	100																							
Oman																															
Pakistan																															
Palau	98	95	98		90		75	94																							
Panama	60	89					88																								
Papua New Guinea	55	49	50	53	63	48	53	53	51	40	44																				
Paraguay	58	28			82																										
Peru																															
Philippines																															
Poland	99	90	49	97	97	96	96	96																							
Portugal	95						49																								
Portugal	87	98				91																									
Qatar																															
Republic of Korea	100	100	100	100	95	95	39																								
Republic of Moldova	99	98	98	96	69																										
Romania	96	96	97	97	97	97	97	96																							
Russian Federation	97	97	97	96	98	99	85																								
Rwanda																															
Saint Kitts and Nevis																															
Saint Lucia						73	89																								
Saint Vincent and the Grenadines						99	99																								
Samoa	21	93	73		99																										
San Marino	93	94	96	96																											
Sao Tome and Principe																															
Saudi Arabia						96																									
Senegal																															
Serbia	90	98	96	96	75	74	81																								
Sevchelles	100	100	99	100	99	98																									
Sierra Leone																															
Singapore	95	95	95	94	95																										
Slovakia	99	98	98	100	100	99	99																								
Slovenia	99					98																									
Solomon Islands																															
Somalia							16																								
South Africa	72	65	68	70	64	53	80																								
Spain	94	92	91																												
Sri Lanka	98	99	95	90	92	52																									



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## Reference MCV2 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Sudan		86																											
Suriname																													
Swaziland	58	47	53	54	56																								
Sweden	95	95	95			94	94																						
Switzerland	70																												
Syrian Arab Republic	98	98	98	128	98	96	92	94																					
Taiikistan	96	93	98	94	93	72	31	46																					
Thailand	94	95	95			86	100	96																					
T.F.Y.R. Macedonia	96	95	95	97	95	94	95																						
Timor-Leste																													
Togo																													
Tonga	99	98	99	96																									
Trinidad and Tobago	78	85	78	73	63	80																							
Tunisia	99	99	99	99	98	99	98	99																					
Turkey	84	98	97	97	83	91																							
Turkmenistan	99	98	90	74	87	94	92	91																					
Tuvalu	83					100																							
Uganda																													
Ukraine	98	96	97	99	98	98	99	100																					
United Arab Emirates																													
United Kingdom	75	75	76	77	74	75	76																						
United Republic of Tanzania																													
United States of America																													
Uruguay																													
Uzbekistan																													
Vanuatu			99	98	97	98	99	95																					
Venezuela																													
Viet Nam		100																											
Yemen	30	25																											
Zambia																													
Zimbabwe																													

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

# Reference Pol3 coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Afghanistan	77	76	66	64	48	46	32	36	37	37	31		8	18	23	25	33	35	25	11	15	16			5	3	3	
Albania	97	97	98	97	98	97	97	97	97	99	100	98	98	98	97	82	96	96	94	94	94	94	92	92		92		
Algeria	95	88	86	87	86	88		83	80	79	77	83	75	73	78	82	81			66						30		
Andorra	93	98	99	99	95	95	95	95	90	90																		
Angola	44	46	57	45	42	44	33	21	45	38	26	41	28	28	21	26	23	19	13	16								
Antigua and Barbuda	100	98	97	100	93	100	96	99	100	99	99	100	99	99	99	97	99	100	99	99	96	100	93	99	86	47	36	
Argentina	92	92	96	98	94	85	88	91	90	92	90	90	85	82	85	86	90	88	90	85	79	73	72	79	48	40	33	
Armenia	87	92	93	96	96	97	96	97	96	96	86	86																
Australia	92	92	92	93	92	91	90	88	83	77	86													94			17	
Austria	83	86	83	84	82	83	71			95	95	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
Azerbaijan	97	97	97	99	100	99	99	99	98	98	97	98	94	94	96	98	90											
Bahamas	94	93	92	93	93	98	91	82	88	86	85	86	91	91	92	91	82	82	84	76	81	84	69	65	67	53	35	
Bahrain	98	98	98	97	98	98	97	97	97	98	98	95	96	94	94	99	94	96	96	88	80	64	83	83	65	59	92	
Bangladesh	92	84	96	72	70	66	68	66	78	98	98	92	95	91	98	84	69	49	16	8	4	2	1	1	1			
Barbados	85	91	93	90		93	56	86	93	96	85	93	91	88	89	84	90	80	73	68	80	88	77	62	63	54	99	
Belarus	97	98	99	90	99	99	99	99	99	98	98	96	92	91	90	90	90	90	87	86	84	83	82	82	83	81	80	
Belgium	99	97	96			95	96			94	92										95	97	95	90	90	90	99	
Belize	98	96	95	95	93	96	89	84	87	85	85	83	83	83	89	89	82	86	71	73	69	81	60	54	61	52	51	
Benin	93	93	89	88	93	84	88	80	81	78	80	89	86	77	79	68	78	48	30	25	17	16						
Bhutan	96	95	90	96	89	88	89	89	85	87	86	86	84	77	71	95	84	76	77	63	54	52	52	14	10	11	4	
Bolivia	88	84	84	94	100	90	89	89	75	78	82	90	85	83	84	67	50	49	40	28	31	30	46	10	12	13	14	
Bosnia and Herzegovina	91	95	87		92	92	87	90	89	80		69	69	45	65	93												
Bosnia and Herzegovina	125	123	88	91	85	75	85	72	73	80	81	80	78	57	58	50	53	54	51	47	67	67	68	69	70	72		
Botswana	101	98	98	99	100	100	100	99	99	96	89	82	71	64	65	67	58	54	57	53	51	52	55	55	51	38	69	
Brazil	109	109	92			100	99	97	98	99							100				86	88	94	90	99	89	89	
Brunei Darussalam	96	97	94	96	94	94	94	97	96	96	95	97	94	97	99	81	100	100	100	100	100	100	99	99	98	99	99	
Bulgaria	94	94	83	83	89	68	57	34	40	70	48	47	41	47	39					23	34	21				2		
Burkina Faso	88	82	76	81	86	56	69	59	51	60	52	62	49	64	81	88	97	86	70	71	54	58	21	35	43	39		
Burundi	80	82	86	89	54	59	62	65	64	70	76	80	54	36	32	39	38	48	45	57								
Cambodia	78	79	72	72	63	43	49	48	48	47	43	46	36	34	37	33	34											
Cameroon	94		89	88										89							85						5	
Canada	72	72	76	87	94	77	86	70	79	77	73	73								85	87	60	39					
Cape Verde	91	53	49	26	13	22	31	33	47		53	50	40							30	18	19	20	17	16	14	13	
Central African Republic	73	57	47	48	40	24	29	34	24	24	20	18	18	12	10	18	16	19	12	13								
Chad	94	92	94	96	97	96	91	95	90	90	90	94	94	90	90	94	95	95	96	93	90	99	100	89	100	100	93	
Chile	94	87	99	98	98	79	90	85	98	95	96	94	94	95	95	96	98	96	96	78	68	87	78	81	80			
China	86	87	89	92	83	83	78	75	72	76	95	95	95	85	84	91	93	90	94	82	53	61	68	44	27	22	16	
Colombia	69	85	73	75	98	70	70			48	60	78	58	70	46	55	94	78	44	73	24							
Comoros	79	65	67	50	41	32		29		21	75	47								50	57	68						
Congo	137	114	107	95	100	92	94	70	95	92	75	93	86	100	87	83	89	94	82	82	82	82	91	96	47	57	39	
Cook Islands	89	91	90	88	94	92	80	84	85	97	85	84	88	88	91	89	95	86	86	92	87	88	94	86	80	85	86	
Costa Rica	76	56	50	54	54	57	72		69	70	55	41	41	50	49	51	56	42										
Côte d'Ivoire	96	96	98	95	95	94	94	93	93	93	92	91	90	87	86	85	85											
Croatia	100	100	98	99	100	99	99	96	97	97	97	97	96	97	99	97	94	96	98	86	99	88	95	94	83	97	99	
Cuba	97	98	98	98	98					98	98	96									93	91		31	36	27	44	35
Cyprus	98	96	96	96	97	97	97	98	97	97	96	98	98	99	99	99												
Czech Republic	98	97	99	100	100	98	98	100	96	96	100	96	99	99	99	98	99											
D.P.R. Korea	78	73	63	55	45	33	42	21	18	18	18	24	29	29	31	16	36	38	41	38	39	68	66	66	61	54	46	
Democratic Republic of the	93	93	95	96	98	97	97	99	99	99	119	97	100	96	98	98	99	98	99	100	94	101	96	98	98	99	99	
Denmark	72	71	64	68	62	49	46	24	23	62	62	63	57	41	84	81	85	77	65	60	26	30	21					
Djibouti	88	98	100	99	98	98	99	99	99	97	100	100	99	99	99	94	94	94	97	95	92	89	82	92	73	97	53	
Dominica	88	86	70	73	76	87	67	84	80	81	80	73	98	82	63	64	90	70	65	79	79	39	99	22	43	42	46	
Dominican Republic	97	93	93	89	90	92	83	70	83	77	88	69	78	79	79	67	77	64	57	51	43	39	47	32	35	27	19	
Ecuador	98	98	97	98	97	99	98	97	95	94	91	90	91	89	89	86	87	90	89	82	89	84	78					
Egypt																												



Reference Pol3 coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Mauritius	98	97	98	83		93	85	85	90	90	90	93	89	89	88	91	86	86	87	96	97	91	87	91	96	83	90		
Mexico	98	98	98	93	92	89	88	89	96	95	95	92	92	87	92	95	96	96	95	97	97	96	67	99	88	99	99	91	
Micronesia (Federated States of)	81	94	82	88		79	85	76	79	75		81	81	79		78	85	71	71	56									
Monaco				100				100																					
Montenegro	98	99	95	94	93	92	92	92	94	93	90	86	77	79	54	78	87	77	70	71	90	100	77	50	99	99	92		
Morocco	97	98	97																										
Mozambique	95	75	65	85	37	71	87	81	78	61	60	57	55	49	50	46	46	47	38	39	32	25	32	38	43	32			
Mwanmar	82	73	82	76	77	79	86	87	88	90	84	84	77	90	87	84	63	45	29	10	4	3	2	3	1				
Namibia	74	86	81	83	78	64	80	72	74	65	71	73	80	79	70	82	59	39											
Nauru	45	80	75			59	100	27	64	72	36	56																	
Nepal	91	78	80	76	72	92	80	76	70	78	76	66	63	69	72	74	79	72	76	43	34	20	6	4	3	1			
Netherlands																													
New Zealand	89	89				82	82	85	82	100		87	84	98	88	68	68	97	97	74	75	70	61	60	61	75	44		
Nicaragua	88	87	80	86	85	92	93	93	91	99	99	96	84	94	80	83	87	85	83	92	85	80	75	80	82	51	20		
Niger	102	89	62	51	25	30	31	24	25	33	32	23	20	20	37	39	35	13	9								6		
Nigeria	67	32	37																										
Niue	100	86	100			100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	43				79	76	
Norway	93	91	92	92	93	91	91			91	92	92	93	92	92	98	93	84	84	84	80	84	90	90	90				
Oman	98	99	99	100	100	100	100	100	100	99	100	100	100	97	97	99	98	98	90	89	82	60	45	31	24	19	18		
Pakistan	83	81	65	69	71	74	74	80	79	74	77	57	65	74	78	81	83	73	64	62	56	30	44	15	5	3	2		
Palau	98	98	98			99	96	96	96	90	100	100	100	100	100	98	100												
Panama	102	86	106	83	85	72	100	96	99	99	92	86	83	83	83	77	82	86	72	73	75	70	71	61	60	61	75	44	
Papua New Guinea	75	50	49	53	47	32	47	48	48	35	58	68	60	56	57	68	68	52	48	46	42	34	32	27	27	32	29		
Paraguay	85	87	88	86	87	80	73	74	81	82	81	81	80	79	88	81	78	41	90	81	90	100	68	47	38	26	13		
Peru	95	85	91	95	95	90		96	96	97	89	93	87	88	85	74	73	60	61	45	50	47	28	22	23	20	16		
Philippines	88	88	76	69	70	90	75			87	90	90	86	87	89	92	90	88	85	78	73	52	54	51	52	51	46	50	
Poland	99	99	99	98	98	98	98	98	98	98	97	96	95	95	95	94	94	96	96	96	95	94	95	95	95	95	96	96	
Portugal	97	93	95	96	94	96		96	96	96	93	95	96	96	92	93	95	89	88	81	81	78	29	21	20	18	18		
Qatar	95	98	95	93	96	93	91	92	94	92	92	100	93	91	90	88	86	82	81	69	86	70	71	60	49	37	43	61	
Republic of Korea	98	96	90	94	99	59	99			71	81																		
Republic of Moldova	98	98	98	98	98	93	92	98	98	98	99	97	94	94	92	93	89	91	92	94	95	96	94	93	95	97	94		
Romania	97	97	97	97	99	99	99	98	98	98	97	94	94	91	92	90	92	95	92	90	90	90	92						
Russian Federation	100	95	89	96	85	76	90	85	94	91	87	77	68	82	69	72	69	69	61	50	57								
Rwanda																													
Saint Kitts and Nevis	99	100	96	99	97	100	99	100	98	100	98	99	100	100	100	100	100	100	93	98	100	89	97	91	93	71	76		
Saint Lucia	85	95	91	91	96	70	89	88	88	98	88	98	93	97	96	95	90	93	87	86	88	44	84	80	81	65	58		
Saint Vincent and the Grenadines	99	93	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	92	97	96	95	89	90	84	99	33	26		
Samoa	57	73	41			96	92	100	98	100	95	94	93																
San Marino	95	95	98	96																									
Sao Tome and Principe	97	97	100	94	92		87		72	73	88	79																	
Saudi Arabia	96	96	96	95	95	97	94	93	94	92	93	96	95	94	91	91	92												
Senegal	89	84	87	73	60	49	49	60	60	65	70	80	57	52	46	51	66	71	58										
Serbia	97	98	97	89	95	93	98	92	94	91	90	84	83																
Seychelles	100	100	100	100	99	96		99	99	98	100	98	96																
Sierra Leone	95	64	61	60	52	38	26	43	56	26	65	43	41	63	64	57	83	21											
Singapore	99	96	95	96	94	95	98	97	97	98	97	98	94	92	92	91	85	90	90	95	94	81	81	86	83	88	83		
Slovakia	97	96	94	88	93	93	93	93	90	92	88	98	98	98	99	99	99												
Slovenia	80	74	75	70	68	80	84	69	70	98	86	69	65	71															
Solomon Islands	35	35	30	40	40	33	37	18	24																				
Somalia	99	97	89	94	84	80	96	72		73	72																		
South Africa	98	96	97	89	98	98	95	95	94	94	91	88	88	88	85	88	94	94	94	82	75	73	91	81	91	76	80		
Spain																													
Sri Lanka	98	100	97	98	98	113	103	99	94	98	92	92	89	90	88	86	86	88	85	79	75	71	65	64	56	45	46		

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## Reference

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	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Sudan	85	83	79	74	64	71	65	78	68	78	80	74	70	51	53	62	62	40	40	29	14	8	4	3	2	1	1	
Suriname	84	84	84	80	74	65	70	84	90	81	79	81	71	73	71	72	81	71	64	70	80	84	79	83	58	25	24	
Swaziland	67	71	82	85	76	76	97	97	100	86	81	81	96	86	93	79	89	89	89	74	72	59	49	43	39	22		
Sweden	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Switzerland	94	94	99	95	95	95	92	92	92	95	95	95	95	95	95	95	98	98	95	98	98	98	98	98	98	98	98	
Syrian Arab Republic	99	99	99	99	99	99	97	97	97	97	96	92	89	90	89	91	94	59	42	86	29	25	21	15	14	13		
Taiikistan	95	96	96	96	97	97	98	96	94	92	89	81	92	77	73	88	86	90	90	91	97	97	97	97	97	97	19	
Thailand	98	98	98	98	97	97	97	97	97	95	96	94	72	79	84	90	89	83	74	71	46	47	44	50	39	31		
T.F.Y.R. Macedonia	92	98	95	96	97	91	96	95	94	97	94	95	91	99	94	94												
Timor-Leste	66	55	57	70	55																							
Togo	87	80	71	72	59	44	50	48	35	40	27	46	71	75	77	83	78	65	64	55								
Tonga	100	99	99	98	90	95	95	94	97	96	99	93	90	96	100	92	93	92	92	87	73	81	46	57	80	37	20	
Trinidad and Tobago	89	95	94	91	96	91	90	90	91	91	90	90	85	78	87	81	87	77	83	80	71	74	66	61	59	55	38	
Tunisia	99	98	97	95	96	98	97	100	96	96	91	92	91	99	100	93	91	92	91	75	72	70	61	62	52	37	37	
Turkey	90	90	85	69	78	82	80	87	76	79	84	67	81	76	78	81	74	74	68	71	45			59	61	69	63	
Turkmenistan	98	99	98	66	99	94	98	98	99	99	98	96	94	92	91	91	92											
Tuvalu	97	100	98	93	98	96	82	84	78	80	92	85	95	86	86	71	84	66	91	59	73	97	74	83	79	44	23	
Uganda	81	83	86	82	73	62	57	62	57	62	71	78	78	74	70	77	77	60	40	40	21	13					8	
Ukraine	99	95	99	99	99	99	99	98	98	99	99	97	96	91	89	86	81											
United Arab Emirates	94	94	94	94	94	94	94	94	94	94	90	90	90	90	86	85	85	89	73	75	65	58	59	50	46	45	11	
United Kingdom	92	91	91	91	91	94	92	94	93	93	96	94	94	94	94	92	90	89	87	87	85	78	78	83	73	71		
United Republic of Tanzania	91	91	95	97	90	65	64	74	79	79	73	79	83	78	82	81	78	66	82	80	73	64	47	49	48	46	57	
United States of America	95	96	95	91	95	94	90	90	91	91	91	88	84	79	72				97	24	97	96	80	97	97	96	95	
Uruguay	94	100	99	99	99	100	96	99	99	97	97	79	79	51	85	89	90	61	50	95	93	93	96	92	73	60	59	
Uzbekistan	85	56		53	53	87	87	87	87	87	68	74	74	87	78	82	78	70	58	53	31	27	27	18	17			
Vanuatu	73	80	83	86	81	88	86	87	62	76	73	85	73	72	73	74	72	67	74	61	64	59	61	77	76	75	95	
Venezuela	94	94	96	96	92	96	96	93	94	95	94	94	94	91	89	88	88	70	54	45	45	62	5	2				
Viet Nam	85	87	78	66	69	76	76	72	68	57	54	53	44	54	50	62	89	56	36	18	11	10	6	4	3	2	1	
Yemen	97	84	97	89	85	85	79	92	70	79	83	82	90	66	63	90	70	59	61	66	40							
Zambia	90	90	85	80	75	75	70	81	70	79	80	84	80	73	81	88	78	83	79	85	82	76	61					
Zimbabwe																												38

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	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Afghanistan	54	51	33	40	37	35	20	18	11	11	10		3	6			2	20	9	6	14	11	4		1	3	1	
Albania	86	86	85	73	71	80	89	77	65	99	98	97	100	96	94	78												
Algeria	57		55	55	55	55			52	52	36	36	36	38	18	6	5	3										
Andorra		53		72	14	60			30	90																		
Angola	56								30	26	9	28	18	6	26	23	21	21	21	19	20	16						
Antigua and Barbuda					1																							
Argentina	50	47	70							88	86	98	86	85	85	83												
Armenia										90	90	90	90	90	90	90												
Australia										96	96	100	90	28	72	93												
Azerbaijan	99	95	87																		68							
Bahamas	44	69	49	56	59	67	71	71	80	66	54	49	45	49	41	34	41	19	22	4	6	25	28		19	39	6	
Bahrain	94	88	41	89	89	90	89	85	86	94	90	87	81	62	65	78	73	25	12	7	4	2	1	1	1	1	2	
Bangladesh																100												
Barbados										98	98	96	92	91	87	86												
Belarus										95	94																	
Belgium																												
Belize	77	82	76	74	74																							
Benin	68	65	68	72	75	64	81	90	66	73	75	81	47	43	40	71	46	20	11	9	4							
Benin	67			78		76	76	73	80	70	70	70	60	45	44	63	63	37	11	13	5	3	3					
Bhutan		13	14																		3							
Bolivia																												
Bosnia and Herzegovina	71	72	55							79		55	82	38	58	85												
Botswana	100	48								49	61	56	97	46	46	42	43	44		38	31	28	34	29	23	32		
Brazil										47	100									62								
Brunei Darussalam																												
Bulgaria																												
Bulgaria	81	71	65	50	44	37				94	95	94	93	98	98	99												
Burkina Faso	94	33	42	41	42	32	28	2	9	32	33	33	53	47	56													
Burundi	50	51	51	43	36	40	40	33	31	31	36	36	28	22	6													
Cambodia																												
Cameroon	62	60	56	53	45	36	40	44	38	32	12	12	9	8	19	11	12			15		7						
Cameroon																												
Canada	61	55	54	72		26	45	52	51	55	4	4																
Cape Verde	36	34	36	17	15	18	20	23	6		15	15	10															
Central African Republic	30			43		11	12		27	29	19	54	54	56	6	7	8	16	9									
Chad																												
Chile																												
China																												
China																												
Colombia	28	80	35			4																						
Comoros	71	62	62	60	41	39	39	33	22	15	25	55	32	13	19	77	61	24		26	20	10	16					
Congo	105	101	100	38	15	14	15	79	29	30	68	55		53	70	73	52	32		39	67							
Cook Islands																												
Costa Rica																												
Côte d'Ivoire	26	34	51	41	41	61	78		49	44	22	22	19	37	35		34											
Croatia						97	97			92	91	90	87	85	83	85												
Cuba																												
Cyprus																												
Cyprus																												
Czech Republic	95	94	97	97	97	80	84		5	98	97	96	98		99	99												
D.P.R. Korea	73	66	58	48	44	22	25	9	10	10	20	20	35	25	11	37	39	43		25	28							
Democratic Republic of the																												
Denmark	64	55	45	35	34	29	15	14	16	45	47	37	23	65	89	88	80	48		59	10	5	10	19				
Djibouti																												
Dominica																												
Dominican Republic	83	62				86	8			77																		
Ecuador	65	55	49			49	31																					
Egypt	69		69	66	67	70	71	66	61	61	57	66	65	78	69	71	61	66	73	4	4	4	3		12	10		





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	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980							
El Salvador	96	70	99			9									47			19						20	21	20		26						
Equatorial Guinea	28	25	29	33	13	13	30			64	63	63			50			46					16											
Eritrea	50	70	70	60	50	66	25	28	34	32	23	23	13	21	5																			
Estonia										94	93	89	87	86	83	84																		
Ethiopia	53	45	41	33	24	29	32	31	24	40	27	25	16	12	9	6	16	24	10	7	5	4	3	3	2	2								
Fiji				98	98	80				90	82	68	68	100	6																			
Finland											100	100	99	99	99	95																		
France	39	34	26	30	50	50	20	16	25	98	97	97	95	95	92																			
Gabon	95	71	80	95	95	80	90	89	96	86	92	92	71	84	65	73	70	70	60	55	60	32						84						
Georgia										92	92	54	58	54	58	45																		
Germany										85	80	80	80	80	80	90	80																	
Ghana	68	71	62	66	97		73	52	18	89	14	20	11	23	11	10	19	25	28	42					7	9	11	3						
Greece										90	90	90	90	89	89	85																		
Grenada						44																												
Guatemala	9	92			78	20	22									33	14	27	22	12								1	1					
Guinea	84	75	77	58	53	43	43	48	48	45	43	66	66		51	29	21	20			6													
Guinea-Bissau	60	40	40	38	80	41		13		46	20	72	55	41	35	35	31	29	20	22	16	10	6											
Guyana	98	97	96			83	81														47													
Haiti	13	19	33		26														23	31								16						
Honduras	100	90				100													42		46							10	14	14	11	8		
Hungary										100	100	100	99	99	99	100																		
Iceland										100	100	99	99	99	99	99																		
India	78	78	73	69	86	76	80	80		80	75	77	81	82	79	78	78	59	65	57	45	40	35	31	30	24	22							
Indonesia	60	77	54	84	70	64	81	81		78	73	70	70	64	62	60	61	41	29	27	26	24	19	18	15	10	7							
Iran (Islamic Republic of)	26	25	31	76	35	36	46	48	75	59	50	45	51	82	44	77	63	50	48	30	29	23	13	4	3	2	1							
Iraq	101	102	111			82	55	51	45	56	65	71	77	51	55	45	45	27			53	43						2	2	4	4			
Ireland										76																								
Israel										92	93	94	92		93	90	94																	
Italy										95	95	95	95	95	95	95																		
Jamaica	46	67	85			72	77	55																										
Japan	90	50	90	24	36	20	23	18	22	31	41	24	24	31	32	31		23	54	40	28	52	9								7	2		
Jordan										97	95	93	85	92	85	83																		
Kazakhstan																																		
Kenya	72	72	69	66	60	85	51	51	64		21	40	43	48	38	45	45	45	34	62		40												
Kiribati	55	45	38	76			50	39	74		41	38	40	78	56	43	54	42	2															
Kuwait							74	70	8	16	21	22	30	44	52	47	22	25			2	3	20											
Kyrgyzstan										98	97	93	85	64	88	82																		
Lao People's Democratic R	32	30	30	36	35	35	45	33	32	32	31	35	34	24	17	13	10	4	5	6	4	2												
Latvia										92	93	93	89	80	87	83																		
Lebanon																																		
Lesotho	60			27						17	10	10	10	8	8	5																		
Liberia	77	72	29	24	41	56	25	12	42		35	35	35		8	8				10	12	6	9									60		
Libyan Arab Jamahiriya						39													6	9														
Lithuania										92	92	97	87	87	86	75																		
Luxembourg										98	98																							
Madagascar	46	47	54	49	35	48	40	35	30	30	17	21	19	16	17	17	31	32	32	28	30	22	18	16	1									
Malawi	70	63	61	87	60	71	61	60	81	74	56	78	76	69	66	76	76	72	63	40	45	21	31	1										
Malaysia	90	90	90	84	84	87	89	81	71	81	81	80	79	81	84	82	82	82	59	52	51	50	13	18	16	20	22							
Maldives	97	95	98	96	96	96	100	95	91	96	95	94	94	94	93	93	89	62	43	40	21	20	3	15	28	2	9							
Mali	71	63	50	46	44	18	62	62			19	20	17	19	19	33	37	31	22	8	3													
Malta											92	92			83	82	86																	
Marshall Islands	50		50	72	85	53				56	59	58	15	9	8	4																		
Mauritania	38	34	33	36	40	31		13		63	28	28	27	22	30	22	15	14	9	26	18	12	12	15	8								5	

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	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Mauritius	85	88	95	73		74	76	75			78	78	78		79		58	61	74	65	57	18	10	1	1	1	1		
Mexico	89	86	84	92			78													42									
Micronesia (Federated States of)																				44									
Monaco												99	99			98													
Monolia																													
Montenegro																													
Morocco	48	48	83	26	26	42	90	36	33	42	46	78	87	87	75	72	64	64		32									
Mozambique	80	62	60	30	45	61	53	53	41	41	36	36	20	24	30	30	21	28	19	19	17	40			40				
Mwanmar	80	72	80	73	71	63	81	62	78	83	79	76	68	81	82	81	56	42	29	28	26	20	18	13	11	6	3		
Namibia	69	109	66	63	71	85	60	81	70	78	75	25	57	40	32	36	50												
Nauru	19																												
Nepal	72	40	42	30	60	60	60	65	65	19	18	19	18	19	22	24	23	21	30	17	25	14	12	11	8	4	1		
Netherlands										95	97	97	97	97	97	97													
New Zealand																													
Nicaragua	98	98	94	90	74	22	95		23				49	39						24									
Nicaragua	82	54	43	40	36	41	31	10	41	33	36	36		43	40	35	11	10	6		3					3			
Niger	60	52	30						29	65	34	34	27	33	29	29	56	20	22	17	12	7	6			11			
Nigeria										40				100															
Niue										95	97	97	93	94	98	96													
Norway	69	62	58	53	45	47	44	97	96	98	51	54	71	95	83	81	97	90	86		15	87	27		16	27	39		
Oman	50	46	45	57	56	51	51	60	58	57	54	42	42	46	44	41	40	29	21	27	17	9	7	4	1	1			
Pakistan	100	100	100						100					2				100			97								
Palau	65	17	41			4	32									24											16		
Panama	60	60	10	29	34	34	10	14	11	62	65		41	27	39	75	81	60	62	26	17	22	4				50		
Papua New Guinea	72	69			42	11				57					87	54	55			58							6		
Paraguay		81	12													21		12		4							4		
Peru	42	46	52	27	45	60	58			98	97	96	96	95	95	95	47	44	37	31	24	22	16	20	14	13	9		
Philippines										98	97	96	96	95	95	95													
Poland										94	95	93	97	93	94	96													
Portugal																													
Qatar																													
Republic of Korea										98	98	99	92	97	89	86													
Republic of Moldova										97	98	98	98	91	98	98													
Romania			40		38					96	95	93	88	79	73	68													
Russian Federation																													
Rwanda	61	54	51	51	58	37		83		43	43	88		44	88	88	87	47	44	37	26	21				5			
Saint Kitts and Nevis																													
Saint Lucia						31																							
Saint Vincent and the Grenadines			17			91																							
Samoa	1	5	4		97	98	100	91	99	100	98	98	96			71	70	63	54	51	49	20							
San Marino											99	99	88	99	100	100													
San Marino	92	99	91	97	84		75		31	62	49	40	40	42	56	58	65		50	63	61	50	43			24			
Sao Tome and Principe									66	66	66	62	62	62	44														
Saudi Arabia	81	67	85	65	57	45	45	82	34	34	39	39	32	30	26	33	37	32				8							
Senegal										94	91	85	85	85	84	79													
Serbia	100	100	100	100	100	98		99		100	100	100	100	100	100	100	100	98			98								
Sevchelles	77	66	76	62	60	42	20		42	11	70	54	29	81		80	81		79				17	17	10	10	9		
Sierra Leone																													
Singapore										99	99	99	99	99	99	100													
Slovakia										94	98	98	98	98	98	98													
Slovenia																													
Slovenia	46	65	65	56	50	52			55	54		71	56	53	65	65	64	57	52	43	23	25	22						
Solomon Islands	45	50	60	49	60	39	22	16	41									5	37	28	22	14	8	5	3	1			
Somalia	65	43	61	85	52	60	65				26	26			26														
South Africa										94	90	90	88	87	84	86													
Spain										89	88	81	79	84	84	74	68	56	54	51	44	41	47	46	46	48	50		
Sri Lanka	95	90	95	96	95	101	101	91	78	89	88	81	79	84	84	74	68												

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## TT2plus coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Sudan	43	41	37	36	35	37	34	62	55	53	44	68	56	48	52	70	75	25	17	12	6	3	2	2	1	1	1		
Suriname	66																			99									
Swaziland	74	83	77	75	89	88	94	96	79	73	65	94	75	78	81	88	76	70											
Sweden										99	99	99	99	99	99	99													
Switzerland																93													
Syrian Arab Republic	8	10	10	126	40	42	20	94	53	51	78	66	65	86	65	63	19	7	15	6	5	4	4	2	2	3	1		
Tajikistan										95	90	96	95	78	92	94													
Thailand	93	93	93	93	90	90	90	90	83	83	85	93	90	67	75	73	76	64	56	60	34	35	32	40	37	32	28		
T.F.Y.R. Macedonia										97	93	95	88	90	85	93													
Timor-Leste	55	50	60	51	47																								
Togo	80	70	61	56	38	40	47	47	32	32	43	43	13	17	14	16	35	37	76										
Tonga	98	97	89	86	93	81	94	95	93	92	95	83	88	94	68	68	65		56	22	22	22	14	26	20				
Trinidad and Tobago	3156	19	98													19													
Tunisia																													
Turkey	52	47	41	37	37	38	36		50	50	48	48	46	50	48	33	32	32	34	25	12	7	7	2	2	2	2		
Turkmenistan										36	32	29	29	76	78	81	18	15	12										
Tuvalu										98	97	93	90	73	84	81													
Tuvalu	100		96						71	44	53	53																	
Tuvalu	50	55	53	48	50	45	42	40	38	45	58	72	76	84	83	39	31	20	14	13	7	5	43	40	50		20		
Ukraine									87	100	98	98	97	93	88	85													
United Arab Emirates																													
United Kingdom										93	96	93	94	94	94	92													
United Republic of Tanzania	74	81	79	80	86	83	77	77		27	31	31	25	72	22	19	65	63	48	50	46	37	31	32	31	34	41		
United States of America																													
Uruguay			99																										
Uzbekistan										96	97	89	67	62	83	90													
Vanuatu	88	39	87	63		88	88	88	78	8	15	18	10	47	47	13	43	13	13	20	16	19	5	7					
Venezuela	39	87	42		23																								
Venezuela	91	93	88	91	89	89	90	85	83	91	96	82	78	71	35	16	22	19	5										
Viet Nam	20	24	21	31	39	32	31	26	26	16	23	23	11	6	8	8	15	5	2	7	2	3							
Yemen										37	85	85	68	43	20	68													
Zambia	79	83	98	81	87	81	61	55	58	70	65	11	53	53	50	45	43	40	42	46	52	43	34						
Zimbabwe	80	80	70	60	60	60	60	58	58	70	65	11	53	53	50	45	43	40	42	46	52	43	34						

## Reference VAD1 coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Afghanistan																													
Albania							15																						
Algeria																													
Andorra																													
Angola	79	34	17			92																							
Antigua and Barbuda																													
Argentina																													
Armenia																													
Australia																													
Austria																													
Azerbaijan	95	98	70																										
Bahamas																													
Bahrain																													
Bangladesh	73	68	90	87	79	94	68	31																					
Barbados																													
Belarus								98																					
Belgium																													
Belize		94																											
Benin	90																												
Bhutan																													
Bolivia	49	53				96	19																						
Bosnia and Herzegovina																													
Botswana																													
Brazil	100																												
Brunei Darussalam																													
Bulgaria																													
Burkina Faso	100																												
Burundi	47	73																											
Cambodia	78	65	75	70	48	45	40																						
Cameroon	125	109	114	101	28																								
Canada																													
Cape Verde																													
Central African Republic																													
Chad										75																			
Chile	93																												
China																													
Colombia																													
Comoros		60	7																										
Congo	66	49	65	12																									
Cook Islands																													
Costa Rica																													
Côte d'Ivoire																													
Croatia																													
Cuba																													
Cyprus																													
Czech Republic																													
D.P.R. Korea	98	100	100	100	100	100	100	100	100	50																			
Democratic Republic of the	77		70	9																									
Denmark																													
Djibouti	31																												
Dominica																													
Dominican Republic	119					1																							
Ecuador							84																						
Egypt	97			98	97	97	98	96																					

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.





# Reference VAD1 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
El Salvador	50																												
Equatorial Guinea																													
Eritrea																													
Estonia		1	68																										
Ethiopia																													
Fiji																													
Finland																													
France																													
Gabon																													
Gambia		85	16	90																									
Georgia																													
Germany		21																											
Ghana																													
Greece																													
Grenada		74	64	52	36	60	49																						
Guatemala		101																											
Guinea-Bissau																													
Guyana		71	66	28																									
Haiti		74	76	83	83	80	84																						
Honduras																													
Hungary																													
Iceland		84	79	56	47	43																							
India			60	34																									
Indonesia																													
Iran (Islamic Republic of)																													
Iraq		15	19			31	49	49																					
Ireland																													
Israel																													
Italy																													
Jamaica																													
Japan																													
Jordan																													
Kazakhstan																													
Kenya	105	50	46	4																									
Kiribati			58			90		79																					
Kuwait																													
Kyrgyzstan	99	99	99																										
Lao People's Democratic R	54	62	42	65	70	72	87																						
Latvia																													
Lebanon																													
Lesotho		55	34																										
Liberia	73	75	55	28	40	30	26																						
Libyan Arab Jamahiriya																													
Lithuania																													
Luxembourg																													
Madagascar	17	75	73	77	53	90	62	75	118																				
Malawi			24																										
Malaysia																													
Maldives																													
Mali		84	31	66	18	30																							
Malta																													
Marshall Islands			46			86	95																						
Mauritania																													

Unless otherwise specified, data provided by Member States through WHO-UNICEF Joint Reporting Form and WHO Regional offices.

## Reference VAD1 coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Mauritius																												
Mexico	89	88	96																									
Micronesia (Federated States of)		80																										
Monaco					86																							
Monolia																												
Montenegro		89	82	65	75	80	40																					
Morocco	80																											
Mozambique	62			60	51																							
Mwanmar	95																											
Namibia		64	69	56	55		17																					
Nauru																												
Nepal	97	95	95	95	95																							
Netherlands																												
New Zealand																												
Nicaragua	91	98	97	86	84	47	84																					
Niger	60	63					6																					
Nigeria																												
Niue		3																										
Norway																												
Norway	98	98	99	99	98	96	100	99																				
Oman																												
Pakistan																												
Palau																												
Panama	30	20	31			1	82																					
Papua New Guinea	65																											
Paraguay																												
Peru						26																						
Peru	85	88	89	55	93	83	74																					
Philippines																												
Poland																												
Portugal																												
Qatar																												
Republic of Korea																												
Republic of Moldova																												
Romania																												
Russian Federation																												
Rwanda																												
Saint Kitts and Nevis																												
Saint Lucia																												
Saint Vincent and the Grenadines																												
Samoa																												
San Marino																												
Sao Tome and Principe	53	87	80			41																						
Saudi Arabia																												
Senegal	86	86																										
Serbia																												
Sevchelles																												
Sierra Leone	146	51	37																									
Singapore																												
Slovakia																												
Slovenia																												
Solomon Islands																												
Solomon Islands	90		38	65	75	42	95																					
Somalia																												
South Africa	91	35	66	60																								
Spain																												
Spain	75	75		50																								
Sri Lanka																												





## Reference VAD1 coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Sudan																													
Suriname																													
Swaziland	53	54																											
Sweden																													
Switzerland																													
Syrian Arab Republic		89	98	104	98	93	94																						
Taiikistan	98	98																											
Thailand								100																					
T.F.Y.R. Macedonia																													
Timor-Leste		35	35	37	40																								
Togo	73	70	64																										
Tonga																													
Trinidad and Tobago																													
Tunisia																													
Turkey																													
Turkmenistan																													
Tuvalu																													
Uganda	59		88			61	56																						
Ukraine																													
United Arab Emirates																													
United Kingdom																													
United Republic of Tanzania	91	83	91	91		79																							
United States of America																													
Uruguay																													
Uzbekistan				49	79																								
Vanuatu																													
Venezuela	87	89	83	89	77	77	77																						
Viet Nam	47	30	93																										
Yemen	82	72	72																										
Zambia	80	80	30	80																									
Zimbabwe																													

## Reference YFV coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980			
Albanian																														
Albania																														
Algeria																														
Andorra																														
Angola	43	44	60	52	46	46	29	53	45	37	18	24	34	32	22	35														
Antigua and Barbuda																														
Argentina	70		40																											
Armenia																														
Australia																														
Austria																														
Azerbaijan																														
Bahamas																														
Bahrain		100																												
Bangladesh																														
Barbados																														
Belarus																														
Belgium																														
Belize																														
Benin	90	85	86	83	27																									
Bhutan																														
Bolivia	76	73	12		10	40	12																							
Bosnia and Herzegovina																														
Botswana																														
Brazil	100	92			96	39	100		38																					
Brunei Darussalam																														
Bulgaria																														
Burkina Faso	88	84	76	71	61	52	56	33	47	27		55	45	42	41	78	65		35	63										
Burundi																														
Cambodia																														
Cameroon	72	69	59																											
Canada																														
Cape Verde																														
Central African Republic	95	58	58	33	31	24	19	33	36			52	36																	
Chad	74	63	49	41	52	33	36	43	25				28	16	24															
Chile																														
China																														
Colombia																														
Comoros																														
Congo	66	54	65																											
Cook Islands																														
Costa Rica																														
Côte d'Ivoire	67	52	47	51	51	53	65		57	59	53	43	38	37	35	44													80	
Croatia																														
Cuba																														
Cyprus																														
Czech Republic																														
D.P.R. Korea																														
Democratic Republic of the	74	66	49	29																										
Denmark																														
Djibouti																														
Dominica																														
Dominican Republic																														
Ecuador	100	114	98		108	121	28																							
Egypt																														







# Reference YFV coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980			
El Salvador	100																													
Equatorial Guinea																														
Eritrea																														
Estonia																														
Ethiopia																														
Fiji																														
Finland																														
France	44	28	14	15		30				91	35					23						70								
Gabon	95	87	90	90	90	90	85	87					68	50	87	87	86	87	81		73									
Gambia																														
Georgia																														
Germany																														
Ghana	84	82	81	77	108	87	74	60	4		28	24	22	33	3															
Greece																														
Grenada																														
Guatemala																														
Guinea	90	85	66	47	17																									
Guinea-Bissau																														
Guyana	90	91	89			90	83		7																					
Haiti																														
Honduras	98																													
Hungary																														
Iceland																														
India																														
Indonesia																														
Iran (Islamic Republic of)																														
Iraq																														
Ireland																														
Israel																														
Italy																														
Jamaica																														
Japan																														
Jordan																														
Kazakhstan																														
Kenya	50	52	52	56	60		11					11	7	27	27															
Kiribati																														
Kuwait																														
Kyrgyzstan																														
Lao People's Democratic R																														
Latvia																														
Lebanon																														
Lesotho																														
Liberia	88	89	13	7	18	35																								
Libyan Arab Jamahiriya																														
Lithuania																														
Luxembourg																														
Madagascar																														
Malawi																														
Malaysia																														
Maldives																														
Mali	85	82	70	62	31	8	13	10					3		9															
Malta																														
Marshall Islands					70																									
Mauritania																	32													
																	35													

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## Reference YFV coverage: Official country estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980			
Mauritius																														
Mexico																														
Micronesia (Federated States of)																														
Monaco																														
Monolia																														
Montenegro																														
Morocco																														
Mozambique																														
Myanmar																														
Namibia																														
Nauru																														
Nepal																														
Netherlands																														
New Zealand																														
Nicaragua																														
Niger	58	65	18	31	31	30	10					27	17	19	22	18			24											
Nigeria	37	36	21											1																
Niue																														
Norway																														
Oman																														
Pakistan																														
Palau																														
Panama	122	147	141						10	7																				
Papua New Guinea	31	24																												
Paraguay	91	78	57			26	8																							
Peru																														
Philippines																														
Poland																														
Portugal																														
Qatar																														
Republic of Korea																														
Republic of Moldova																														
Romania																														
Russian Federation																														
Rwanda																														
Saint Kitts and Nevis																														
Saint Lucia																														
Saint Vincent and the Grenadines																														
Samoa																														
San Marino																														
Sao Tome and Principe	84	68	89	34								2	1	1	2															
Saudi Arabia												46	46	46	41	59														
Senegal	78	74	75	59	53	34	34	43	50																					
Serbia																														
Seychelles	100	100	100	100	95	75	99		96																					
Sierra Leone	86	64	64	76	60																									
Singapore																														
Slovakia																														
Slovenia																														
Solomon Islands																														
Somalia																														
South Africa																														
Spain																														
Sri Lanka																														





## Reference YFV coverage: Official country estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Sudan	14	97																											
Suriname						80																							
Swaziland																													
Sweden																													
Switzerland																													
Syrian Arab Republic																													
Taiikistan																													
Thailand																													
T.F.Y.R. Macedonia																													
Timor-Leste	81	56	1											14	37														
Togo																													
Tonga																													
Trinidad and Tobago	88	93	90	88	88	91			91																				
Tunisia																													
Turkey																													
Turkmenistan																													
Tuvalu																													
Uganda																													
Ukraine																													
United Arab Emirates																													
United Kingdom																													
United Republic of Tanzania																													
United States of America																													
Uruguay																													
Uzbekistan																													
Vanuatu																													
Venezuela	74	94	93			31			79																				
Viet Nam																													
Yemen																													
Zambia																													
Zimbabwe																													

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## Reference

## BCG coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Afghanistan																												
Albania	90	73	78	56	59	55	38	48	45	55	47	31	15	17	19	21	30	38	40	27	18	17	11	10	10	8		
Algeria	99	98	98	98	98	97	97	97	95	94	94	93	93	95	97	98	99	96	96	93	88							
Andorra																												
Angola	65	61	72	62	62	75	56	52	72	70	65	60	48	53	47	53	48	47	32	29	32	28	28	25				
Antigua and Barbuda																												
Argentina	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	92	91	94	99	90	78	70	77	70	62	
Armenia	91	94	96	92	97	97	97	93	95	72	82	84	83	84	88													
Australia																												
Austria																												
Azerbaijan	99	98	99	99	99	98	99	99	96	94	90	93	50	19	55		97	90	90	90	90	90	90	90	90	90	90	
Bahamas																												
Bahrain																												
Bangladesh	96	96	96	95	95	94	95	94	92	92	90	93	95	93	89	87	86	56	26	15	4	2	2	2	1	1		
Barbados																												
Belarus	99	99	99	99	99	99	99	99	99	98	97	96	94	93	95													
Belgium																												
Belize	97	96	99	99	97	96	95	96	93	95	90	92	90	94	97	79	93	87	97	92	80	81	82	81	75	54	65	
Benin	99	99	99	99	99	94	94	91	80	78	80	85	94	89	84	82	92	75	50	46	41	27						
Bhutan	92	99	92	93	83	81	97	90	94	92	98	98	96	89	90	95	99	93	73	67	60	54	47	46	45	44	43	
Bolivia	93	93	93	93	93	94	95	96	85	88	98	87	92	84	81	67	65	64	56	55	53	24	23	27	31	30	30	
Bosnia and Herzegovina	97	95	95	94	91	95	93	99	92	97	80	64	85	24	20													
Botswana	99	99	99	99	99	99	99	99	98	98	97	96	96	95	94	93	93	92	95	95	99	97	95	94	94	93	92	
Botswana	99	99	99	99	99	99	99	99	99	99	99	99	95	95	90	87	79	74	74	68	65	63	75	66	64	62	56	
Brazil																												
British Virgin Islands																												
Brunei Darussalam	96	96	99	99	99	99	99	98	96	99	99	99	99	99	99	94	91	88	85	84	85	95	90	99	99	99	99	
Bulgaria	98	98	98	98	98	98	98	98	98	97	98	99	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Burkina Faso	99	99	99	83	90	80	80	76	77	71	70	69	75	80	85	88	95	83	70	57	52	33						
Burundi	84	84	84	84	84	84	84	84	86	87	90	92	61	73	90	87	97	99	54	82	77	52	46	52	56	59		
Cambodia	87	87	95	76	63	64	81	71	69	67	68	69	63	57	50	56	52	55	58	61	47	33	27					
Cameroon	85	77	83	82	77	77	77	77	76	75	69	62	59	58	62	69	76	76	71	65	60	54	49	46	27	8		
Canada																												
Cape Verde	70	78	79	78	92	84	92	75	84	80	80	80	95	99	99	99	97	99	99	99	93	64						
Central African Republic	70	70	70	70	70	70	64	62	70	78	86	94	77	90	85	82	93	86	53	42	37	34	32	29	24	26	17	
Chad	40	40	20	40	46	52	49	45	43	45	39	43	43	34	34	40	59	59	38	32	24	15	8					
Chile	98	95	95	95	96	96	98	93	95	92	99	97	99	97	99	99	99	94	97	98	97	96	95	92	94	96	96	
China	92	86	86	85	84	85	85	85	83	83	84	79	89	89	92	94	99	98	98	85	70	64	59	34				
China, Hong Kong SAR																												
Colombia	88	87	92	96	85	87	86	93	95	97	99	99	99	94	88	95	95	94	99	80	70	76	69	79	65	57	45	
Comoros	84	90	79	75	90	90	90	87	84	55	55	95	94	95	81	71	99	95	72	97	97	77	56					
Congo	84	73	85	60	51	53	50	39	34	29	51	58	61	63	75	89	90	90	88	87	86	89	80	90	91		92	
Cook Islands	99	99	99	99	99	95	99	74	99	84	90	96	99	94	94	96	99	94	90	89	87	99	60	74	59	44	29	
Costa Rica	88	88	90	87	91	87	92	89	87	82	92	98	94	96	94	81	92	89	86	83	79	82	86	83	81	81	80	
Côte d'Ivoire	77	61	51	66	66	72	84	84	83	73	68	69	75	74	70	65	62	47	52	53	41	29	17					
Croatia	98	98	98	98	99	97	99	96	97	98	99	99	98	98	92													
Cuba	99	99	99	99	99	99	99	99	99	99	99	99	99	99	97	98	98	98	99	96	98	98	97	96	97	99	99	
Cyprus																												
Czech Republic	99	99	99	98	97	96	98	98	98	97	96	95	95	98														
Czechoslovakia																												
D.P.R., Korea	96	94	95	88	96	82	78	73	69	64	73	82	90	99	99	99	99	99	99	99	99	99	99	99	99	95	95	
Democratic Republic of the Congo	87	84	78	68	55	45	57	30	25	25	25	34	46	43	32	21	65	55	59	57	51	57	62	65	62	61	57	
Denmark																												
Djibouti	88	88	78	63	52	38	34	26	35	43	51	51	51	51	51	66	81	80	87	42	38	37	36	36	5		65	
Dominica	99	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	87	90	84	99	48	57	

# Reference BCG coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Dominican Republic	95	99	97	80	96	96	90	90	86	88	79	90	87	84	79	74	70	63	60	57	54	51	43	41	38	34	12	
Ecuador	99	99	99	99	99	99	99	99	98	99	99	99	99	99	99	82	89	91	92	85	94	99	99	85	99	82	76	
Egypt	99	98	98	98	98	98	98	98	98	98	95	93	95	95	92	92	89	83	80	72	77	80	53	53	50	50	50	
El Salvador	93	84	94	91	92	92	99	94	99	93	98	99	82	79	62	67	75	62	56	55	51	50	22	48	46	47	56	
Equatorial Guinea	73	73	73	73	73	73	73	73	99	99	99	99	98	98	97	95	94	49	49	40	30	28						
Eritrea	99	99	97	95	93	91	95	98	90	83	75	68	60	40	19													
Estonia	99	99	99	99	99	99	99	99	99	99	99	99	98	98														
Ethiopia	72	67	67	69	72	74	76	69	61	54	57	61	65	36	26	29	64	44	27	28	13	11	8	7	6	5		
Fiji	93	90	93	99	99	99	98	96	95	95	99	99	99	99	98	98	99	99	99	98	96	99	94	99	98	98	95	
Finland	98	98	98	98	99	99	99	99	99	99	99	99	99	99	99	99	91	91	99	90	80	83	86	90	90	90	90	
France	84	84	84	85	85	83	83	83	81	82	82	83	81	79	77	78	74	75	75	76	84	82	96	81	81	80	80	
Gabon	89	89	89	89	89	89	89	89	89	89	90	90	94	97	97	96	96	96	95	95	90	80	77	80	82			
Gambia	99	99	95	99	99	99	97	96	99	99	99	99	99	98	97	97	98	98	96	97	96	92	98	96	91	96	85	
Georgia	95	95	91	87	91	94	95	95	94	76	70	70	30	30	67													
Germany																												
Ghana	99	99	92	92	91	91	95	88	88	88	87	87	86	85	83	77	71	70	70	69	55	41	41	31				
Greece	88	88	88	88	88	88	88	88	79	70	70	50	50	65	76	90	86	82	77	73	69	65	60	56	76	95	95	
Grenada																												
Guatemala	96	96	98	97	96	94	97	93	89	88	76	79	78	69	57	43	62	21	41	34	32	30	33	24	28	29	36	
Guinea	90	90	79	80	80	81	81	82	76	76	77	78	75	70	65	60	50	31	31	27	23	18	14	10	7	4		
Guinea-Bissau	87	80	80	84	70	72	74	74	78	82	68	92	95	96	99	94	90	95	89	82	69	56	42					
Guyana	96	96	94	95	91	95	93	91	92	94	88	93	94	94	88	89	85	76	64	69	76	98	49	76	78	73	68	
Haiti	75	75	74	74	73	72	71	71	72	72	72	74	73	73	73	72	72	69	66	72	76	71	71	62	58	60		
Honduras	90	91	93	91	94	99	99	93	96	99	99	97	99	95	92	99	70	80	64	66	72	65	41	55	50	41	25	
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Iceland																												
India	78	78	77	75	73	72	70	68	70	72	79	81	71	69	65	62	66	28	23	23	9	8	7	6	4	4		
Indonesia	82	82	82	82	82	76	78	80	83	85	87	87	77	78	76	75	74	72	70	68	66	65	56	58	60	55	61	
Iran (Islamic Republic of)	99	99	99	99	99	99	99	99	99	99	91	96	96	99	99	91	95	85	88	72	56	35	10	10	10	6	7	
Iraq	91	91	91	92	92	92	93	93	94	95	96	97	97	96	96	96	96	96	98	99	98	94	91	87	83	80	76	
Ireland	93	93	91	90	90	90	90	90	89	89	88	87	86	86	85	84	84	83	82	81	81	80	75	75				
Israel																												
Italy																												
Jamaica	90	95	90	88	90	96	93	85	87	97	98	98	99	99	85	94	98	99	96	92	73	51	50	56	27	32	38	
Japan																												
Jordan	95	89	58	67	29																							
Kazakhstan	99	69	65	99	99	96	98	99	99	99	93	90	86	93	90													
Kenya	92	85	87	87	87	88	90	91	94	96	96	97	97	96	96	94	92	90	90	86	80	82	76					
Kiribati	99	99	94	97	99	85	80	70	97	99	99	47	60	87	79	94	93	99	98	68	65	62	54	72	91	68	66	
Kuwait																												
Kyrgyzstan	99	96	98	99	99	99	96	98	94	97	99	96	97	95	97													
Lao People's Democratic Republic	61	65	60	65	65	60	69	63	56	58	61	62	69	42	34	34	26	29	27	15	10	8	7	7	6	4		
Latvia	99	99	99	99	99	99	99	99	99	99	99	99	99	91	93													
Lebanon																												
Lesotho	96	96	96	96	90	83	88	92	93	94	95	96	95	93	92	90	89	87	86	84	88	91	89	87	84	81	81	
Liberia	89	82	60	43	67	77	79																					
Libyan Arab Jamahiriya	99	99	99	99	99	99	97	97	97	97	97	99	99	99	99	95	90	90	92	95	92	87	85	84	89	78	88	
Lithuania																												
Luxembourg																												
Madagascar	72	72	72	72	72	72	72	72	67	67	67	72	77	77	77	75	67	72	70	54	49	31	28	31	22	26	21	
Malawi	99	99	97	91	78	93	83	87	92	99	95	97	94	96	98	96	97	96	90	92	87	87	74	81	87	86		
Malaysia	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	96	95	94	95	91	94	
Maldives	99	99	98	98	98	98	98	98	99	99	98	98	98	88	99	99	99	98	98	98	62	54	45	36	27	20	8	
Mali	85	82	75	64	81	68	69	74	79	84	80	76	75	74	70	68	82	85	64	51	37	33	30	26	23	19		



## Reference

## BCG coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Malta																													
Marshall Islands																													
Mauritania																													
Mauritius																													
Mexico																													
Micronesia (Federated States of)																													
Monaco																													
Mongolia																													
Montenegro																													
Montserrat																													
Morocco																													
Mozambique																													
Myanmar																													
Namibia																													
Nauru																													
Nepal																													
Netherlands																													
New Zealand																													
Nicaragua																													
Niger																													
Nigeria																													
Niue																													
Norway																													
Oman																													
Pakistan																													
Palau																													
Panama																													
Papua New Guinea																													
Paraguay																													
Peru																													
Philippines																													
Poland																													
Portugal																													
Qatar																													
Republic of Korea																													
Republic of Moldova																													
Romania																													
Russian Federation																													
Rwanda																													
Saint Kitts and Nevis																													
Saint Lucia																													
Saint Vincent and the Grenadines																													
Samoa																													
San Marino																													
Sao Tome and Principe																													
Saudi Arabia																													
Senegal																													
Serbia																													
Seychelles																													
Sierra Leone																													
Singapore																													
Slovakia																													
Slovenia																													
Solomon Islands																													

# Reference BCG coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Somalia	50	50	50	65	60	70	69	71	57	37	43	46	48	42	37	31	31	31	38	33	28	30	17	7	8	3	6	
South Africa	97	97	97	97	94	87	99	97	97	97	95	95	95	95	66	63	57	73	55	64	61	70	67	71				
Spain																												
Sri Lanka	99	99	99	99	99	99	99	97	90	96	88	90	86	88	87	88	84	90	81	76	79	71	67	64	65	58	61	
Sudan	77	72	66	69	65	67	56	68	61	70	71	63	60	66	68	78	77	75	54	43	22	12	8	5	3	3	2	
Suriname																												
Swaziland	78	84	84	90	95	95	90	97	99	85	85	99	99	98	97	71	96	96	95	94	91	79	73	72	66	59		
Sweden	17	16	16	16	16	16	16	16	16	15	14	14	13	13	13	12	13	13	14	14	14	16	16	10	6	4	3	
Switzerland																												
Syrian Arab Republic	99	99	99	99	99	99	99	99	99	99	99	99	99	91	92	95	92	98	87	71	98	53	49	45	37	36	35	
Tajikistan	94	98	97	99	98	97	99	98	98	99	99	96	96	69	88													
Thailand	99	99	99	99	99	99	99	98	99	99	98	98	99	99	99	99	99	98	91	93	83	80	76	75	73	71	68	
T.F.Y.R. Macedonia	92	99	94	95	91	97	97	97	90	97	98	95	90	95														
Timor-Leste	72	70	72	72	66																							
Togo	96	96	91	79	81	82	84	81	79	76	79	83	86	89	92	96	99	94	91	95	53	54	55	51	48	44		
Tokelau	99	99	99	85	99	99	99	99	99	99	99	99	99	99	99	98	66	99	86	95	99	85	72	58	45	31	30	
Tonga	99	99	99	99	99	91	99	99	99	99	99	99	99	97	96	99	99	97	95	93	98	99	78	83	98	86	99	
Trinidad and Tobago																												
Tunisia	99	98	97	93	91	91	95	94	97	97	97	97	97	97	97	96	96	96	95	93	92	90	89	88	87			
Turkey	88	89	89	89	89	89	89	89	89	89	89	90	91	90	89	91	93	95	97	87	82	76	71	65	47	42		
Turkmenistan	99	99	99	99	99	99	99	99	98	97	93	93	97	94	97													
Tuvalu	99	99	99	99	99	99	99	99	99	99	99	88	90	87	97	95	96	98	95	86	92	90	90	89	78	89	99	
Uganda	85	92	99	96	96	92	83	82	81	82	82	83	84	82	79	77	75	72	70	61	51	37	32	28	23	18		
Ukraine	97	96	98	98	98	98	99	99	97	97	97	95	92	89	93													
Union of Soviet Socialist Republics																												
United Arab Emirates	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	96	96	96	93	92	78	60	42	37	28	18	15	
United Kingdom																												
United Republic of Tanzania	99	91	91	91	88	88	86	87	93	85	80	96	92	94	99	95	85	92	93	94	82	90	73	83	64	74	72	
United States of America																												
Uruguay	99	99	99	99	99	99	99	99	99	99	99	99	99	98	99	99	99	99	98	98	92	92	93	99	76	76	56	
Uzbekistan	98	93	99	98	98	98	98	98	97	97	95	95	93	98	98													
Vanuatu	92	65	64	63	77	90	99	99	99	78	72	67	82	96	84	98	96	80	73	79	75	83	64	58	61	32		
Venezuela	83	95	97	91	90	93	99	98	82	89	90	91	95	81	85	90	82	88	76	63	86	89	92	82	76	77	72	
Viet Nam	95	95	96	97	97	97	98	95	93	96	95	96	96	94	91	91	90	94	79	59	55	50	48	4				
West Bank and Gaza	99	99	98	99	96	97	92	91	92	89	95	91	99															
Yemen	70	66	63	67	74	73	82	78	75	54	58	60	41	57	54	63	95	75	52	30	23	20	16	15	13	12	9	
Zambia	94	94	94	94	94	94	94	94	94	95	96	97	98	92	94	95	97	97	97	97	95	92	71	68	70	72		
Zimbabwe	99	98	95	92	80	80	82	88	88	92	96	96	95	95	91	91	90	89	89	94	94	76	69	67	65	64		





# Reference DTPI coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Alghanistan	90	88	80	65	58	56	41	60	61	62	56	44	33	41	45	47	50	56	60	50	32	37	39	24	24	21	22		
Albania	98	98	98	97	98	97	98	98	98	99	98	98	99	98	98	97	92	97	98	98	98	98	98	98	98	97	97		
Algeria	98	94	93	93	93	92	97	97	96	96	96	96	95	96	96	96	96	96	93	92	92	88							
Andorra	97	98	99	99	98	98	98	96	96	96	96	96																	
Angola	66	62	75	68	65	57	44	45	70	66	53	48	52	55	45	51	48	41	33	31	31	28	28	25					
Antigua and Barbuda	96	99	91	95	98	89	99	99	99	99	99	99	99	99	99	97	99	99	98	98	98	99	97	99	92	92	77		
Argentina	93	93	96	98	97	94	94	95	94	96	94	95	94	93	93	93	95	93	93	93	91	86	83	82	80	73	69		
Armenia	95	96	97	97	97	97	97	97	94	96	95	98	95	95	95	95	98	97	96	96	93	91	87	83	76	72	65	58	
Australia	97	97	97	97	97	97	96	96	94	91	95	95	96	96	96	97	98	96	96	96	96	96	96	96	96	96	96	96	
Austria	94	91	97	94	94	94	93	94	95	94	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
Azerbaijan	97	95	98	98	97	96	99	99	98	98	98	98	97	96	94														
Bahamas	95	99	99	97	98	93	99	94	96	95	95	95	97	97	97	97	95	95	95	95	95	95	95	87	85	87	76	61	
Bahrain	99	99	97	99	99	99	98	98	95	98	98	98	99	99	97	97	99	97	98	98	98	97	96	95	94	92	91	89	
Bangladesh	96	96	96	93	95	94	93	95	94	92	91	87	94	79	86	88	86	73	39	29	22	20	18	18	18	18	18		
Barbados	81	97	97	91	91	92	93	95	97	98	95	97	96	95	96	94	97	92	91	92	92	94	94	94	87	83	80	82	
Belarus	99	99	99	74	99	99	99	99	99	98	98	98	97	97	96														
Belgium	98	98	98	96	96	95	98	95	92	95	95	94	96	96	98	97	97	97	93	98	98	98	98	98	98	98	98	98	
Belize	96	97	99	99	99	98	96	95	95	95	95	94	96	96	96	94	97	88	90	87	98	81	77	81	74	77	72		
Benin	99	99	99	99	99	92	91	91	88	86	86	82	89	87	86	83	86	68	51	46	36	36							
Bhutan	98	97	93	98	86	96	99	96	95	95	95	95	95	92	95	97	98	91	88	84	77	66	53	39	37	35	25		
Bolivia	94	94	94	94	94	93	93	92	79	80	82	84	80	76	70	68	66	76	53	60	67	58	25	31	33	35	32		
Bosnia and Herzegovina	94	95	93	93	86	94	90	96	96	92	86	78	94	63	80														
Botswana	98	98	98	98	98	98	98	98	98	98	98	98	99	99	99	99	99	99	96	93	98	98	98	97	97	93	89		
Brazil	99	96	96	99	99	99	99	97	97	92	91	94	90	91	88	92	86	79	80	80	80	86	87	82	79	72	62		
Brunei Darussalam	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	97	96	95	95	96	98	95	99	97	96	
Bulgaria	97	97	95	96	97	95	95	98	98	97	98	98	97	98	98	98	99	99	99	98	99	99	99	99	99	99	99	98	
Burkina Faso	99	99	99	99	99	89	86	84	71	78	78	79	79	79	79	86	92	81	74	53	48	35							
Burundi	86	86	86	86	86	86	86	86	86	86	86	86	86	86	84	93	94	95	94	68	87	76	61	51	69	58	61		
Cambodia	85	85	92	74	60	65	78	68	65	62	59	55	53	51	48	63	63	72	70	62	62	47	40						
Cameroun	87	85	80	79	71	66	62	72	72	72	71	71	63	62	62	67	70	73	68	63	58	52	46	44	31	18			
Canada	97	97	97	97	97	97	97	97	97	98	98	97	97	96	96	96	96	96	95	95	95	95	95	95	95	95	95	95	
Cape Verde	74	75	78	89	96	79	93	87	93	92	90	90	90	95	96	95	96	99	96	96	97	77	64	56	47				
Central African Republic	65	65	65	65	65	65	62	55	71	77	77	77	76	75	75	85	95	84	67	46	42	44	40	39	36	32	35		
Chad	45	45	45	45	45	44	45	45	47	48	44	41	41	35	31	41	44	44	36	36	31	21	21	18					
Chile	95	92	94	98	98	98	98	98	96	96	97	97	97	96	96	96	98	98	98	97	96	99	99	96	99	99	97	97	
China	94	95	95	95	95	95	95	95	95	94	94	93	95	95	96	97	98	98	98	98	91	92	92	90	80				
China, Hong Kong SAR																													
Colombia	95	95	95	95	95	93	92	90	88	90	93	95	95	94	92	94	96	92	90	80	72	82	82	82	67	51	44	39	
Comoros	78	85	85	77	98	85	88	88	91	72	82	91	80	88	88	76	97	94	68	88	88	75	56						
Congo	81	73	67	61	49	42	58	54	51	47	62	74	78	82	86	90	92	92	89	89	88	77	77	74	72	67	67	67	
Cook Islands	99	99	99	96	99	97	98	98	98	97	91	97	95	99	95	95	97	96	97	94	95	92	72	80	75	71	65		
Costa Rica	89	89	89	89	97	91	90	95	95	97	95	95	96	96	96	96	98	95	95	97	96	96	97	95	93	95	95	95	
Côte d'Ivoire	95	71	63	72	72	80	87	79	83	77	70	64	72	77	73	64	77	67	56	56	55	50	42						
Croatia	96	96	96	97	99	94	97	97	97	97	97	96	95	95	94														
Cuba	96	99	99	99	99	99	99	99	99	99	98	99	99	99	99	99	99	97	98	98	95	99	97	95	99	99	87	86	
Cyprus	99	99	99	99	99	99	99	98	98	98	98	98	98	98	98	97	97	97	96	96	97	82	55	59	51	79	59	59	
Czech Republic	98	98	98	98	98	98	98	98	98	98	98	98	98	98	99														
Czechoslovakia																													
D.P.R. Korea	91	83	75	70	65	91	82	62	55	54	74	84	91	96	96	98	98	98	98	98	98	98	98	98	98	98	98	98	
Democratic Republic of the Congo	87	82	76	61	53	32	49	50	41	41	41	47	51	54	47	39	60	63	66	63	57	62	78	86	76	75	76	74	
Denmark	93	93	95	95	97	97	95	96	95	86	94	97	96	97	98	98	98	98	97	97	97	97	99	95	96	97	97	97	
Djibouti	76	73	81	76	72	65	66	47	47	57	66	66	66	66	66	77	95	91	85	50	48	46	45	36	25				
Dominica	99	98	99	98	99	99	98	99	99	97	99	99	99	99	99	99	99	99	98	98	98	97	97	94	97	99	98	84	
Dominican Republic	93	92	88	85	84	83	87	90	85	86	88	89	90	91	90	88	87	80	80	80	93	64	59	54	53	52	61	61	

Source: WHO-UNICEF estimates.

# Reference DTPI coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Ecuador	99	99	99	99	99	99	99	99	93	95	91	86	90	93	91	95	81	87	78	77	75	69	66	72	66	60	51	31
Egypt	98	98	98	98	98	98	98	97	97	97	96	96	96	94	93	92	91	95	96	95	93	93	94	87	80	80	80	80
El Salvador	98	96	96	97	96	97	99	97	99	98	98	98	98	96	92	82	82	93	84	84	77	74	78	56	45	67	69	
Equatorial Guinea	65	65	65	65	65	65	65	65	94	94	94	94	94	94	94	95	96	96	72	42	31	21	21					
Eritrea	99	99	97	95	93	91	94	97	90	83	75	68	61	49	36													
Estonia	99	99	99	99	99	99	99	99	97	96	96	94	92	90														
Ethiopia	80	78	75	75	74	74	79	79	78	78	78	80	80	80	53	35	45	73	51	39	39	27	25	22	22	21	21	
Fiji	84	80	75	97	96	99	96	95	95	95	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	87	
Finland	99	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
France	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
Gabon	69	69	69	69	69	69	69	69	72	75	78	81	85	88	88	88	88	88	86	86	86	66	56	46	36			
Gambia	95	94	95	95	95	95	89	96	98	98	98	98	97	80	77	80												
Georgia	99	94	88	86	96	97	99	90	87	88	90	91	80	77	80													
Germany	96	96	98	96	96	96	96	96	96	95	94	92	90	83	95	93	93	93	93	93	93	96	93	97	97	98	98	
Ghana	87	88	88	87	91	80	84	89	89	88	88	88	88	88	86	83	82	80	75	72	67	60	46	42	47	47	46	
Greece	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	95	77	77	94	94	93	77	82	89	94	88	
Grenada	87	93	87	98	98	98	96	96	98	98	93	98	97	96	96	95	93	95	85	93	93	98	82	91	87	79	68	
Guam				96																								
Guatemala	93	93	94	94	94	94	94	95	92	92	90	86	91	88	91	86	84	86	74	72	39	62	45	72	69	70	67	
Guinea	99	90	77	73	69	65	61	57	72	72	72	72	77	77	77	76	61	40	40	39	37	37	37	37	37	37	37	
Guinea-Bissau	85	86	86	82	72	67	68	74	84	84	77	70	90	89	89	86	84	82	86	95	85	87	88	57	57	45		
Guyana	95	93	90	93	97	98	97	94	96	96	94	95	96	97	92	93	94	94	91	84	86	84	91	88	79	77	70	
Haiti	83	83	82	81	80	76	77	76	76	75	75	75	75	75	73	72	70	66	74	72	53	48	42	36	29	35	36	
Honduras	95	97	96	97	98	98	98	98	98	97	97	97	97	97	97	97	94	95	90	90	80	83	80	66	76	71	58	
Hongkong	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Iceland	97	95	99	97	98	95	99	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
India	78	78	80	80	80	80	79	78	80	83	86	88	86	82	79	80	88	88	74	65	55	44	41	39	36	33	25	
Indonesia	88	88	88	88	88	88	88	88	88	88	87	87	87	87	86	84	83	82	80	77	74	72	52	35	25	18	18	
Iran (Islamic Republic of)	99	97	99	99	99	99	99	99	99	99	99	99	99	99	99	96	97	94	96	96	80	80	75	58	66	54	57	
Iraq	83	83	85	86	88	90	91	93	91	89	88	86	84	82	82	86	90	93	97	98	98	98	98	81	39	41	36	
Ireland	97	96	96	95	95	94	95	95	95	95	91	90	90	88	88	87	86	85	85	68	69	69	70	70	67	68	61	
Israel	98	98	98	98	98	98	97	98	98	98	97	96	98	98	98	98	97	97	97	97	97	97	97	95	96	97	97	
Italy	97	97	97	97	97	97	96	95	98	98	98	98	98	98	98	98	98	94	95	95	96	98	33	31				
Jamaica	86	91	88	91	86	86	87	94	94	96	97	96	97	97	95	95	95	95	94	93	90	82	80	75	59	64	48	
Japan	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	96	96	95	95	95	94	94	94	93	93	91	
Jordan	99	98	96	98	96	98	97	98	98	98	98	98	95	93	93	97	97	97	97	97	96	96	95	93	91	91	93	
Kazakhstan	99	99	85	99	95	96	97	98	98	99	98	98	97	91	91	93												
Kenya	90	85	84	89	89	89	89	89	93	93	96	96	96	96	96	92	92	92	92	92	91	89	88	80				
Kenya	98	93	75	87	99	85	95	92	96	97	92	82	88	99	98	95	88	98	92	84	61	62	62	62	41	65	77	
Kiribati	99	99	99	99	99	99	99	99	98	98	98	99	99	99	99	99	88	93	88	97	97	97	96	96	94	92	86	
Kuwait	99	99	99	99	99	99	99	99	98	98	98	98	98	98	98	98	94	94										
Kyrgyzstan	96	98	99	99	99	99	99	98	98	98	98	98	97	94	94	94												
Kyrgyzstan	68	68	66	72	65	60	83	79	78	82	80	77	72	50	47	46	41	45	40	31	24	22	24	27	27	27	27	
Lao People's Democratic Republic	99	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99												
Latvia	99	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
Lebanon	98	98	98	98	98	98	98	98	98	98	97	97	97	97	97	96	95	94	92	84	71	55	40	22	22	20	17	
Lesotho	95	95	95	95	89	83	87	90	91	93	94	95	94	94	93	92	91	91	90	90	89	91	92	88	83	79	75	
Liberia	99	92	48	49	67	79	78																					
Libyan Arab Jamahiriya	98	98	99	98	97	96	97	97	98	98	98	98	98	98	98	96	95	94	95	94	94	94	93	93	92	89	86	
Lithuania	98	98	94	96	98	96	99	97	97	96	97	96	94	94	92													
Luxembourg	99	99	99	98	98	98	98	98	98	98	98	98	98	98	97	97	97	96	96	96	98	95	91	87	91			
Madagascar	71	71	71	71	72	72	73	73	73	73	73	80	86	86	85	77	71	70	67	60	55	47	42	42	47	37		
Malawi	99	99	99	99	94	99	98	94	97	98	96	94	97	97	95	95	95	95	95	94	92	80	78	80	84	84	86	
Malaysia	88	96	96	99	95	95	95	92	93	94	93	93	93	91	92	93	95	92	76	78	73	68	67	71	90	86	86	
Maldives	99	99	98	98	98	98	98	98	98	98	98	98	98	97	98	98	98	97	97	95	67	67	53	48	35	18	22	
Mali	95	95	91	87	84	75	65	69	72	76	77	71	73	64	71	63	59	67	51	41	28	28	28					



## Reference DTPI coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Malta	85	94	76	86	95	98	97	97	97	97	97	97	96	94	94	95	84	72	95	95	95	62	74					
Marshall Islands	90	89	71	90	90	90	23	86	95	92	92	88	86	79	94	88	97	97	97									
Mauritania	85	85	83	83	89	82	70	63	56	69	89	93	88	82	76	65	69	63	62	62	55	57	45	44	44	41		
Mauritius	96	99	98	83	92	88	88	95	96	96	96	96	96	96	96	97	95	95	94	94	95	96	95	96	97	94	96	
Mexico	99	99	99	89	92	91	90	98	98	98	98	97	97	94	96	96	77	85	82	83	75	65	76	66	65	68	69	
Micronesia (Federated States of)	86	97	83	87	94	91	95	91	93	91	92	94	93	92	97	92	95	98	95	80								
Monaco	99	99	99	89	99	99	99	99	99	99	99	99	99	99	98	98	98	99	99	99								
Mongolia	99	97	99	98	95	95	95	97	97	97	96	96	92	93	93	93	94	94	94	93	93	91	91	92	92	92	91	
Montenegro																												
Montserrat	95																											
Morocco	99	99	99	94	93	97	98	93	99	99	91	94	92	90	95	93	93	83	94	94	95	84	75	70	66	57		
Mozambique	88	88	88	88	88	86	84	82	80	78	76	75	74	73	74	71	71	72	63	64	57	54	57	63	68	79		
Myanmar	86	76	86	86	81	81	87	92	95	96	96	94	91	96	95	94	96	74	53	47	44	39	33	32	29	24	22	
Namibia	90	93	88	87	86	84	90	89	90	86	88	90	92	90	88	87	81	86										
Nauru	98	90	93	96	99	98	85	84	89	74	77	79	82	84	86	88	90	91	86	78	82	86	86					
Nepal	93	81	88	82	84	84	84	90	91	92	85	77	77	75	73	71	68	69	70	71	63	57	52	47	41	38	28	
Netherlands	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
New Zealand	92	92	93	94	95	96	96	96	93	95	96	96	94	94	93	93	96	93	87	86	86	88	89	94	90	90	89	91
Nicaragua	94	92	93	94	95	96	96	94	93	93	93	93	93	93	93	88	86	86	85	72	70	67	62	58	48	52	47	
Niger	58	58	56	54	52	50	48	43	44	45	44	42	41	39	38	36	46	35	29	27	24	22	24	24	25	25		
Nigeria	72	72	62	53	43	42	42	41	47	70	51	59	69	54	68	64	79	72	61	54	46	39	29					
Niue	99	72	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	93	83	68	56	44	28	27
Norway	97	97	97	97	97	96	96	98	98	98	98	98	97	97	97	98	98	95	94	94	93	94	95	96	96			
Oman	98	99	99	99	99	99	99	99	99	99	99	99	98	98	98	98	98	98	96	96	96	94	82	70	56	48	42	41
Pakistan	90	82	75	77	77	71	70	69	67	65	62	73	64	62	67	74	77	65	63	61	59	55	47	37	24	21	20	
Palau	98	98	99	99	99	99	98	98	98	97	98	98	96	96	97	98	99	92	98	93	93	98						
Panama	99	95	99	92	96	99	99	97	98	98	97	95	94	94	91	94	95	95	91	89	88	90	81	82	82	92	72	
Papua New Guinea	85	80	81	88	81	77	84	82	85	87	80	97	91	93	82	93	97	77	72	72	69	69	65	59	52	54	57	
Paraguay	90	91	91	90	91	87	85	87	85	87	95	87	88	86	90	86	86	82	79	80	77	80	86	70	59	53	40	
Peru	98	87	84	82	96	95	97	97	97	96	97	96	95	95	94	88	89	80	82	68	74	72	53	47	47	44	39	
Philippines	90	92	90	90	90	92	90	91	91	90	82	76	81	86	91	96	96	95	92	90	86	81	80	78	77	77	72	
Poland	99	99	99	99	99	99	99	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	97	98	98	98	98	98
Portugal	94	94	98	99	98	98	99	98	98	97	98	97	98	97	97	97	96	96	93	94	93	89	92	92	92	91	90	
Qatar	99	99	99	96	96	95	92	97	97	97	97	97	97	96	96	95	94	83	87	89	89	88	82	73	62	66	82	
Republic of Korea	98	98	95	97	97	99	97	95	90	93	96	99	97	96	94	92	90	96	80	80	80	91	91	91	87	82		
Republic of Moldova																												
Romania	98	98	98	98	98	98	98	98	98	98	98	98	98	97	98	98	98	98	98	98	97	96						
Russian Federation	99	98	98	98	98	98	97	98	97	96	94	92	96	92	89	92	98	98	98	98	98	97	96					
Rwanda	99	95	94	97	95	91	93	95	93	90	96	94	47	94	95	97	94	94	93	93	96	95	74	78	81	63	40	
Saint Kitts and Nevis	99	99	87	94	96	95	99	99	98	99	99	99	99	99	99	99	99	99	97	98	99	97	98	96	97	86	79	
Saint Lucia	94	99	99	90	96	98	76	96	96	98	96	98	97	98	98	98	98	96	92	95	92	95	94	93	92	84	79	
Saint Vincent and the Grenadines	99	97	99	99	99	99	99	99	98	99	99	98	99	99	99	99	98	98	98	97	98	98	96	95	93	86	51	
Samoa	80	86	90	97	99	96	99	98	99	98	98	97	97	97	97	92	96	86	96	96	97	96	98	96	95	86	54	
San Marino	94	94	90	95	95	96	96	97	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Sao Tome and Principe	99	99	99	97	94	97	94	91	90	90	87	92	94	82	87	95	97	84	91	89	85	72	73	51	59	67		
Saudi Arabia	97	97	96	96	97	99	98	97	97	97	97	98	98	97	97	97	97	98	96	96	95	93	91	86	83	77	66	
Senegal	99	97	95	81	70	79	79	82	81	81	88	93	80	80	77	75	75	72	81	80	77							
Serbia	97	98	96	96	98	97	98	97	97	97	97	97	96	95	94													
Seychelles	99	97	99	89	89	99	98	99	98	98	98	98	98	98	98	98	99	98	98	97	96	97	95	98	88	78	35	
Sierra Leone	77	77	77	87	87	56	64	66																				
Singapore	96	96	96	96	93	95	98	98	98	98	98	98	95	97	96	97	95	95	96	96	97	92	91	94	94	95	94	
Slovakia	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Slovenia	98	92	92	92	96	96	96	97	97	97	97	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
Solomon Islands	96	81	82</																									

## Reference DTPI coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Somalia	40	50	50	65	60	57	57	59	48	42	45	46	47	46	45	44	42	41	51	50	40	46	31	24	24	20	
South Africa	99	99	97	99	88	87	92	91	91	91	90	89	90	93	92	93	89	88	88	89	88	91	91	90			
Spain	98	98	98	98	98	98	98	98	97	97	96	96	96	95	94	95	95	97	97	91	96	92	98				
Sri Lanka	99	99	98	99	99	99	99	99	97	98	97	97	96	96	96	95	95	94	94	91	91	88	86	84	80	70	71
Sudan	91	88	82	83	75	79	75	69	71	78	79	72	71	75	77	83	83	82	65	52	36	28	22	21	20	18	18
Suriname	94	99	92	81	86	90	88	95	96	95	93	94	90	91	90	91	94	89	84	88	93	94	93	95	82	52	50
Swaziland	73	77	94	91	88	88	91	92	94	94	94	94	98	96	97	92	96	96	96	95	90	82	74	68	64	55	55
Sweden	99	99	99	98	98	98	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Switzerland	98	94	95	95	95	95	93	93	93	93	93	93	93	93	93	93	96	96	96	96	96	96	96	96	96	96	96
Syrian Arab Republic	99	99	99	99	99	99	98	99	99	99	99	99	99	98	95	95	93	99	83	71	90	54	50	45	37	36	35
Tajikistan	93	92	93	87	88	87	87	88	87	85	80	86	93	84	89												
Thailand	99	99	99	99	98	98	98	98	98	98	97	98	97	96	95	96	97	96	93	91	86	83	77	73	73	76	73
T.F.Y.R. Macedonia	95	98	96	99	99	95	98	98	98	97	98	97	98	96	96												
Timor-Leste	75	64	65	65	62																						
Togo	91	91	83	83	75	77	80	81	74	67	70	74	77	80	83	87	90	93	84	92	59	48	32	41	36	29	
Tokelau	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Tonga	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Trinidad and Tobago	93	94	91	93	90	91	90	96	97	96	96	95	95	93	95	94	94	91	94	92	88	91	85	82	77	83	51
Tunisia	99	98	97	96	96	98	98	98	98	98	98	97	97	97	98	97	97	97	97	94	89	88	86	83			
Turkey	92	92	86	76	82	95	92	92	93	92	89	86	95	91	91	89	94	92	95	95	70	78	79	79	80	84	67
Turkmenistan	99	99	99	98	96	97	98	99	99	98	98	97	96	90	94												
Tuvalu	99	99	99	99	99	99	80	96	99	91	98	95	99	94	88	90	99	95	96	81	90	76	62	92	89	73	61
Uganda	89	94	99	96	91	82	72	78	77	79	80	81	82	80	77	75	72	70	67	55	45	36	36	36	33	29	
Ukraine	98	95	96	98	99	99	99	99	98	99	99	98	98	98	97	96											
Union of Soviet Socialist Republics																											
United Arab Emirates	97	97	96	96	96	96	96	97	97	97	96	96	96	96	95	95	95	94	94	89	91	92	95	96	97	98	98
United Kingdom	97	97	96	97	97	97	97	97	97	97	97	97	97	97	97	96	94	92	91	90	86	85	85	81	77	71	66
United Republic of Tanzania	94	95	99	89	96	95	92	91	92	92	94	93	94	94	94	93	92	91	95	92	90	86	80	76	74	78	81
United States of America	99	99	99	99	99	97	99	98	98	98	98	98	97	96	94	95	96	97	98	98	98	98	98	98	98	98	98
Uruguay	99	99	98	98	99	99	92	97	97	97	97	97	97	97	97	98	98	96	94	95	88	84	83	80	86	80	77
Uzbekistan	96	99	99	99	99	97	97	99	99	98	98	96	86	83	94												
Vanuatu	90	75	74	73	77	97	97	96	97	89	86	90	90	95	91	94	91	82	80	79	56	55	53	52	46		
Venezuela	78	98	99	85	85	85	92	91	64	82	80	87	84	87	86	84	84	80	79	80	80	73	58	80	77	77	79
Viet Nam	94	94	92	99	85	98	97	97	97	98	97	97	97	97	96	96	96	96	88	74	68	67	24	22			
West Bank and Gaza	98	99	99	97	98	98	97	96	98	98	98	99	98	97													
Yemen	92	99	92	81	87	91	91	89	87	75	72	69	58	77	69	61	94	79	61	44	35	31	27	24	22	21	18
Zambia	94	94	94	94	94	94	94	94	93	94	94	94	94	94	94	94	97	94	94	94	86	86	81	73			
Zimbabwe	95	95	90	85	91	91	90	93	93	95	96	96	95	95	95	95	96	95	95	95	91	84	82	77	71	64	



# Reference

# DTP3 coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Alghanistan	77	76	66	64	48	44	31	35	36	37	31	20	12	18	21	23	25	33	35	25	11	15	16	16	5	5	3	4
Albania	98	98	97	97	98	97	97	97	96	99	98	97	99	96	94	78	94	94	96	96	96	96	96	95	95	94	94	94
Algeria	95	88	86	87	86	88	92	94	89	89	88	88	87	88	88	89	89	87	85	79	73	69						
Andorra	93	98	99	99	97	96	98	90	89	90	90																	
Angola	44	47	59	46	47	42	31	21	45	41	28	24	27	30	21	26	24	18	12	10	10	8	8	6				
Antigua and Barbuda	99	99	97	89	98	97	95	99	99	99	99	99	99	99	99	94	99	99	98	97	96	99	94	99	79	79	54	
Argentina	91	92	96	98	93	83	83	86	84	88	83	85	82	81	81	80	87	80	80	75	67	66	62	61	58	49	44	
Armenia	87	90	91	94	94	94	93	91	82	88	86	98	86	85	85													
Australia	92	92	92	93	92	92	90	88	82	77	86	86	88	90	91	93	95	93	88	81	75	68	62	55	48	40	33	
Austria	83	86	83	84	83	84	81	74	82	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
Azerbaijan	95	93	93	93	92	94	93	99	82	89	96	96	94	90	90	82												
Bahamas	95	93	93	92	94	93	99	82	89	86	85	87	91	91	92	92	86	86	85	85	85	86	69	65	69	55	36	
Bahrain	98	98	98	97	98	97	97	97	96	98	96	95	96	94	94	99	94	96	96	95	92	90	86	83	79	75	72	
Bangladesh	88	88	88	81	83	85	83	81	82	78	77	69	84	74	66	74	69	49	16	9	4	2	1	1	1	1	1	
Barbados	84	92	93	89	87	90	93	87	93	96	85	93	90	86	90	82	91	78	76	79	79	83	83	69	62	58	60	
Belarus	99	99	99	99	99	99	99	99	99	98	98	96	92	91	90													
Belgium	97	97	95	93	93	91	90	87	79	79	95	94	96	97	95	92	93	94	80	95	95	95	95	95	95	95	95	
Belize	98	96	95	96	89	89	87	87	87	87	85	82	88	88	89	82	91	71	73	69	95	59	54	59	50	54	47	
Benin	93	93	83	88	79	76	79	75	70	66	66	67	81	75	73	69	74	48	30	25	17	17						
Bhutan	95	95	89	95	86	88	92	88	86	87	87	87	86	79	86	91	96	76	70	63	53	41	28	16	15	13	6	
Bolivia	81	81	81	81	81	80	85	80	78	56	61	64	58	52	45	43	41	52	28	35	42	33	6	10	12	13	11	
Bosnia and Herzegovina	87	93	94	87	80	91	85	90	89	79	67	55	82	38	58													
Botswana	97	97	97	97	97	97	97	97	96	96	96	95	94	94	94	93	92	92	88	88	86	84	83	82	82	75	71	
Brazil	99	96	96	96	99	98	99	94	94	79	75	84	74	75	71	78	66	56	58	58	58	66	68	60	56	47	37	
Brunei Darussalam	99	99	99	92	95	97	99	92	97	99	99	99	99	99	96	95	93	91	89	85	86	88	96	85	89	94	89	
Bulgaria	95	96	95	96	93	94	93	96	95	94	95	96	93	93	98	98	99	99	98	99	99	99	99	99	99	99	98	
Burkina Faso	95	96	88	84	69	68	57	34	40	39	37	34	36	39	39	53	66	44	34	23	19	9						
Burundi	74	74	74	74	74	74	74	74	74	74	73	73	48	63	80	83	86	82	51	68	55	36	26	44	33	36		
Cambodia	80	82	85	69	54	60	50	49	48	46	43	39	37	35	32	38	38	47	45	37	37	23	17					
Cameroun	81	80	73	73	63	56	53	48	48	48	46	46	38	37	37	42	48	56	50	44	39	33	27	25	15	5		
Canada	94	94	94	91	91	91	91	94	91	97	95	94	93	90	89	88	88	87	86	85	85							
Cape Verde	72	73	75	78	94	76	86	69	80	78	73	73	85	89	88	87	88	99	88	92	54	39	31	23				
Central African Republic	40	40	40	40	40	40	37	33	46	53	53	53	46	60	44	66	82	64	42	22	19	20	17	16	14	11	13	
Chad	20	20	20	20	23	26	24	21	23	24	20	18	18	13	10	18	20	20	14	14	10	3	3	3	1			
Chile	94	91	93	96	97	97	91	95	90	90	91	94	94	90	90	94	95	95	96	93	90	99	99	89	99	99	93	
China	93	87	87	86	86	86	85	85	86	84	83	80	85	88	91	94	97	95	95	75	78	78	73	58				
China, Hong Kong SAR																												
Colombia	86	87	89	91	85	80	74	73	70	74	80	86	86	83	78	84	88	78	74	58	48	61	61	42	26	20	16	
Comoros	69	80	76	75	89	70	70	73	75	48	60	75	58	70	38	52	94	82	43	71	71	51	31	50	47	42	42	
Congo	79	65	67	50	41	31	33	29	26	23	37	50	55	60	67	74	79	79	72	72	71	54	53	50	47	42	42	
Cook Islands	99	99	99	96	99	92	97	70	95	91	75	93	86	99	87	87	93	89	94	83	87	78	48	57	51	46	40	
Costa Rica	91	91	90	88	94	91	88	86	85	94	85	85	88	88	90	90	95	86	87	94	89	90	93	86	81	85	86	
Côte d'Ivoire	77	56	50	54	54	57	72	62	61	58	55	52	50	50	49	39	54	42	31	31	30	25	19					
Croatia	96	96	96	96	94	95	94	93	93	92	91	90	87	85	83													
Cuba	89	99	99	99	99	99	99	94	99	99	90	99	99	99	94	99	92	96	98	87	99	91	86	99	99	68	67	
Cyprus	97	98	98	98	96	97	97	97	98	98	98	96	95	95	94	94	93	93	90	93	91	61	30	34	26	56	34	
Czech Republic	98	97	98	97	98	98	98	98	98	98	97	96	98	99														
Czechoslovakia																												
D.P.R. Korea	89	79	72	68	64	62	56	50	43	37	50	64	77	90	90	97	98	97	87	86	61	55	67	52	51	52	50	
Democratic Republic of the Congo	77	73	64	49	43	32	40	25	18	18	18	23	26	29	23	16	35	38	41	38	32	32	27	16	17	18	18	
Denmark	93	93	95	96	98	97	97	99	99	92	77	90	89	88	91	90	90	89	87	88	89	90	86	86	87	88	88	
Djibouti	72	71	64	68	62	53	46	23	23	23	41	41	41	41	41	53	85	77	65	25	24	22	21	14	6	6	6	
Dominica	95	98	99	99	98	98	99	99	99	92	89	99	99	99	99	98	92	92	96	96	95	93	91	84	83	99	97	63
Dominican Republic	81	79	71	65	63	62	68	73	65	67	70	72	74	75	73	71	69	58	58	80	80	39	34	29	28	27	36	

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Ecuador	98	94	90	89	88	90	89	80	85	76	88	74	80	76	87	89	68	55	54	51	44	41	48	31	35	26	10	
Egypt	98	98	97	98	97	99	98	94	91	88	90	88	83	81	79	76	87	90	87	81	80	84	69	57	57	57	57	
El Salvador	96	89	90	89	89	92	99	94	99	97	96	99	90	79	60	61	80	64	63	53	50	55	31	21	42	42	44	
Equatorial Guinea	33	33	33	33	33	33	33	33	81	81	81	80	79	77	76	76	77	48	19	10	3	3						
Eritrea	97	97	94	90	87	83	88	93	84	75	66	58	49	32	14													
Estonia	95	96	94	94	94	93	91	88	87	87	87	82	77	71														
Ethiopia	72	69	66	64	61	59	56	56	55	55	55	57	57	28	13	21	49	26	16	16	7	6	4	4	3	3	3	
Fiji	81	75	71	94	92	90	89	87	86	86	97	97	96	96	99	99	99	99	98	99	90	71	69	77	80	64	70	
Finland	97	97	98	98	98	96	99	99	99	99	99	99	99	99	99	99	99	99	99	98	97	96	95	94	90	85	79	
France	98	98	98	97	97	97	97	97	96	97	97	96	94	94	94	94	94	95	79	88	96	96	95	94	90	85	79	
Gabon	38	38	38	38	38	38	38	38	45	54	62	70	69	67	66	72	78	78	72	65	59	48	31	14			63	
Gambia	95	88	92	90	87	80	75	83	88	97	96	96	93	90	85	85	92	87	82	85	73	78	70	62	80	76	63	
Georgia	87	84	78	76	84	87	80	80	80	80	80	79	58	54	58													
Germany	90	90	90	90	90	90	90	97	89	87	84	78	73	62	85	80	80	80	80	80	90	80	94	93	97	95	95	
Ghana	84	84	80	80	80	80	84	72	72	71	71	70	70	66	62	60	58	51	47	42	35	22	19	23	23	22	7	
Greece	88	88	88	88	88	88	88	88	88	89	90	90	90	89	89	89	85	54	83	82	80	54	60	72	83	95	72	
Grenada	91	99	83	97	98	96	97	88	87	95	90	95	91	89	90	85	80	87	65	80	98	61	76	68	56	43	25	
Guam	86	97	88																									
Guatemala	80	81	84	83	84	82	85	78	78	73	66	77	71	75	66	63	66	50	47	16	37	21	48	44	45	42	43	
Guinea	71	68	51	49	46	46	45	43	46	47	48	54	53	53	52	36	17	17	16	15	15	15	15	15				
Guinea-Bissau	77	80	80	77	50	47	42	38	50	63	53	45	74	63	67	63	61	54	66	55	47	18	18	9				
Guyana	93	93	91	90	91	85	88	83	90	88	83	86	90	93	79	81	83	77	64	67	64	75	70	58	53	45	35	
Haiti	53	53	51	50	48	46	45	43	43	42	42	42	42	41	39	38	41	50	48	28	24	19	14	9	13	14	3	
Honduras	87	91	89	89	89	95	95	95	97	93	94	94	94	94	93	94	84	85	74	58	62	58	41	52	46	34	28	
Hongary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Iceland	97	95	99	97	95	92	98	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	94	98	99	99	
India	55	55	57	58	57	57	56	55	58	58	62	66	71	67	61	56	57	70	50	40	30	20	18	16	14	12	6	
Indonesia	70	70	70	70	70	76	75	74	74	73	72	69	68	66	64	62	60	57	54	50	47	27	13	6	1			
Iran (Islamic Republic of)	99	95	98	99	99	96	100	100	100	100	100	98	95	99	99	99	91	82	88	57	57	51	33	33	41	29	32	
Iraq	60	60	64	67	71	74	78	81	79	78	76	74	72	70	74	78	83	87	87	94	91	86	67	16	18	13	14	
Ireland	91	90	89	86	83	84	86	86	86	86	74	73	71	70	68	67	65	65	43	44	44	45	45	42	43	36	34	
Israel	95	95	95	95	97	95	96	96	96	96	95	94	96	95	96	95	94	93	92	92	92	85	87	89	92	91	84	
Italy	96	96	94	96	93	93	90	95	95	95	96	95	95	95	95	95	93	85	85	88	98	12	10					
Jamaica	85	88	81	81	86	89	86	84	85	90	92	90	93	91	84	85	86	85	82	81	74	60	58	51	34	39	24	
Japan	99	99	99	99	97	96	95	85	80	76	70	99	74	80	85	87	92	90	87	86	85	84	83	82	80	81	75	60
Jordan	98	95	95	97	95	99	91	97	99	93	96	95	94	91	92	92	92	94	93	90	88	85	81	76	75	81	30	
Kazakhstan	99	98	82	99	95	96	97	98	99	97	95	93	76	76	81													
Kenya	80	76	73	73	72	74	75	76	78	79	87	94	92	89	87	86	84	83	82	77	72	70	58					
Kiribati	86	79	62	91	99	85	90	78	88	91	79	60	71	99	86	70	97	79	63	36	37	37	18	40	53	29	43	
Kuwait	99	99	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	94	94	94	92	91	90	89	83	79	67	
Kyrgyzstan	92	98	99	98	98	98	99	97	97	98	98	93	82	64	84													
Lao People's Democratic Republic	57	49	45	50	55	40	53	56	55	60	58	54	48	25	23	22	18	21	17	10	5	4	5	7	7	7	7	
Latvia	98	98	99	98	97	97	96	95	94	92	93	98	97	80	87													
Lebanon	92	92	92	92	92	93	90	94	95	92	93	93	92	91	90	86	82	79	63	46	30	17	4	4	4	2	0	
Lesotho	83	83	83	83	81	78	82	85	86	87	87	88	87	86	85	84	82	81	80	79	81	82	74	66	61	56	56	
Liberia	88	87	31	38	51	62	55																					
Libyan Arab Jamahiriya	98	98	97	95	93	94	94	94	95	96	96	95	95	96	90	87	84	87	84	82	82	81	81	79	72	67	60	
Lithuania	94	94	94	94	94	95	94	93	93	93	90	91	90	83	78													
Luxembourg	99	99	99	98	98	98	98	98	98	98	98	97	95	94	93	91	90	90	90	95	86	77	68	75				
Madagascar	61	61	61	61	56	57	55	49	49	49	49	49	49	49	66	65	46	46	45	30	30	23	19	23	15			
Malawi	99	93	89	84	64	60	75	84	93	95	90	89	82	91	87	87	87	87	82	78	57	55	58	63	64	66	58	
Malaysia	96	95	94	89	96	97	95	93	94	95	94	94	94	95	91	94	90	84	68	69	62	57	54	58	73	66	67	
Maldives	98	98	96	98	98	98	97	97	97	97	97	96	94	96	90	98	97	94	91	86	42	28	24	13	1	1	4	
Mali	85	85	76	69	64	51	40	44	48	52	53	49	39	46	38	34	42	26	18	8	8	8	8	8	8	8	8	



Reference

DTP3 coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Malta	85	92	55	84	85	95	94	93	92	92	82	92	88	83	82	86	63	47	87	87	86	37	50					
Marshall Islands	74	77	64	68	80	73	39	66	86	78	70	78	67	56	82	71	92	92	92	92								
Mauritania	68	71	70	76	83	61	40	26	16	28	50	55	50	44	39	29	33	28	28	30	32	27	21	20	20	18		
Mauritius	97	97	98	92	88	92	88	85	89	90	89	93	89	88	88	91	85	85	86	84	86	88	85	89	94	82	89	
Mexico	98	98	98	83	91	89	87	89	85	95	95	92	91	82	90	88	53	65	60	62	51	40	52	41	40	43	44	
Micronesia (Federated States of)	67	94	78	92	84	75	85	76	80	80	75	83	81	78	91	79	85	95	85	57								
Monaco	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	99	99									
Mongolia	99	99	99	98	94	94	95	94	94	92	90	88	78	80	81	81	84	84	82	80	81	80	77	79	79	78	76	
Montenegro																												
Montserrat	90																											
Morocco	97	98	97	91	94	96	95	91	93	94	95	90	87	86	87	81	81	80	82	85	63	51	45	41	32			
Mozambique	72	72	72	72	72	70	68	66	64	62	60	57	55	49	50	46	46	47	38	39	32	29	32	38	43	56		
Myanmar	82	73	82	78	79	73	82	75	90	90	88	84	77	73	71	66	88	50	28	23	20	16	12	11	9	5	4	
Namibia	74	86	81	82	77	63	79	72	74	66	70	74	79	73	70	69	59	58										
Nauru	72	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Nepal	89	75	80	78	72	72	72	73	76	78	65	54	54	51	49	46	43	44	45	46	38	32	27	23	18	16	8	
Netherlands	98	98	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	96	96	96
Netherlands	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
New Zealand	87	86	79	86	85	84	83	82	81	80	80	80	81	81	81	81	71	66	65	47	45	42	33	24	27	23	15	
Nicaragua	39	39	37	36	34	33	31	25	25	25	23	23	20	20	20	19	22	13	9	7	5	4	5	5	6	6		
Niger	54	54	44	44	25	24	24	23	26	21	26	34	44	29	43	39	56	47	36	29	22	16	9					
Nigeria	99	85	99	95	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Niue	93	91	92	92	93	91	90	95	95	95	95	97	93	94	98	96	86	83	83	80	83	85	90	90	90			
Norway	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Oman	83	80	65	67	68	63	61	60	58	52	46	58	39	37	42	50	54	40	38	36	34	30	23	15	5	3	2	
Pakistan	98	98	98	98	99	98	96	96	96	91	98	99	67	89	93	98	99	78	99	81	98							
Palau	99	85	99	86	89	99	98	92	98	95	91	86	83	83	77	82	86	70	75	72	70	73	59	60	60	78	47	
Panama	75	61	62	68	61	55	59	60	60	45	56	62	61	58	58	68	68	53	48	44	44	40	34	27	29	32	32	
Papua New Guinea	73	75	76	74	75	77	68	65	69	70	68	68	71	66	73	66	67	61	56	58	53	57	67	46	34	28	17	
Paraguay	94	89	91	94	95	90	91	93	92	90	94	90	87	87	83	71	72	58	60	43	50	48	28	23	23	20	16	
Peru	88	88	79	79	79	81	80	80	80	81	75	70	73	76	80	90	88	87	79	73	66	59	57	55	54	54	47	
Philippines	99	99	99	99	99	99	98	98	98	98	97	96	96	95	95	95	96	96	96	96	95	94	95	95	95	96	96	96
Poland	93	93	95	99	98	97	96	97	97	97	94	95	93	97	93	94	96	89	88	81	83	81	72	78	79	78	75	73
Portugal	96	97	96	92	96	93	80	92	94	92	92	92	91	90	88	86	82	81	69	72	72	71	60	49	37	43	61	
Qatar	98	96	88	97	97	97	95	86	74	80	90	99	93	88	84	79	74	89	58	57	76	76	76	69	61	61		
Republic of Korea																												
Republic of Moldova	97	97	97	97	98	99	99	97	97	97	97	96	98	98	91	98	96	96	96	92	89	95						
Romania	99	98	97	98	98	96	96	97	95	91	88	84	78	88	79	72												
Russian Federation	99	95	89	96	88	77	90	85	85	73	89	83	23	83	85	91	84	82	80	88	87	50	55	59	38	17		
Rwanda	99	99	99	99	99	97	99	99	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Saint Kitts and Nevis	85	95	91	90	88	95	70	89	88	98	88	98	93	97	96	96	89	92	78	85	78	87	83	81	79	64	56	
Saint Lucia	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Saint Vincent and the Grenadines	56	64	68	94	96	93	99	98	99	96	95	94	93	92	91	79	90	66	90	93	94	89	96	89	87	66	29	
Samoa	95	95	98	96	96	96	96	96	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
San Marino	99	97	99	94	92	92	82	77	73	73	68	79	83	60	68	87	92	63	77	72	65	48	49	26	34	42		
Sao Tome and Principe	96	96	96	95	95	97	94	93	94	92	93	96	95	94	91	91	92	96	89	89	86	81	76	67	62	53	41	
Saudi Arabia	89	84	87	73	60	52	52	52	59	59	70	80	57	58	59	51	51	47	59	57	54							
Senegal	92	98	97	89	95	93	95	92	93	94	91	89	85	85	84	79	84	90	91	90	90	89	89	85	88	90		
Serbia	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Seychelles	64	64	61	70	52	38	44	46																				
Sierra Leone	95	96	95	96	94	96	98	97	97	97	98	98	95	92	89	91	85	90	90	96	91	78	77	84	83	87	84	
Singapore	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Slovakia	97	96	94	88	93	92	91	92	91	94	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
Slovenia	91	78	80	76	71	76	82	86	69	72	72	69	68	65	71	76	77	67	69	66	42	38	45	27	23	35	46	
Solomon Islands																												

Source: WHO-UNICEF estimates.

# Reference DTP3 coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Somalia	35	35	30	40	40	33	33	36	24	19	21	22	23	22	21	20	19	18	26	25	17	22	10	5	5	2		
South Africa	99	97	89	94	82	81	79	76	76	76	73	72	73	81	79	81	72	71	70	72	70	75	75	74				
Spain	98	96	97	98	98	96	95	95	95	94	90	90	88	87	84	86	86	83	93	77	88	79	95					
Sri Lanka	99	99	97	99	98	99	99	99	94	97	92	93	88	90	88	86	86	87	83	77	75	70	66	64	57	45	46	
Sudan	78	78	74	69	60	66	62	44	46	55	56	48	46	51	53	62	62	60	40	27	14	8	4	3	2	1	1	
Suriname	84	83	85	74	73	66	71	85	90	85	80	84	74	74	63	75	83	72	64	71	80	84	80	85	61	27	25	
Swaziland	68	71	83	80	77	77	77	78	84	82	82	82	96	89	93	79	89	89	89	86	74	61	50	43	39	30		
Sweden	99	99	99	98	98	98	98	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Switzerland	95	94	93	93	93	93	88	88	88	89	89	89	89	89	89	89	90	90	90	90	90	90	90	90	90	90	90	
Syrian Arab Republic	99	99	99	99	99	99	97	97	97	95	96	92	89	90	89	89	91	94	59	42	86	29	25	21	15	14	13	
Tajikistan	86	85	86	82	83	83	83	82	79	81	75	80	81	64	72													
Thailand	98	98	98	98	96	96	97	97	97	95	94	96	93	89	85	90	92	84	80	75	66	62	53	49	49	52	49	
T.F.Y.R. Macedonia	93	97	94	96	96	90	95	95	94	97	93	95	88	90														
Timor-Leste	67	55	57	57	44																							
Togo	87	82	71	72	59	62	64	57	50	42	50	58	62	66	69	73	77	72	54	61	37	24	11	18	14	9		
Tokelau	99	99	99	99	99	85	99	99	99	99	99	99	99	99	99	98	98	99	60	46	77	92	46	39	33	26	19	
Tonga	99	99	99	98	90	94	95	94	97	96	99	95	99	96	99	98	94	93	92	99	75	92	51	63	52	37	40	
Trinidad and Tobago	92	95	94	91	96	91	90	90	91	90	89	89	85	81	87	82	82	77	82	79	70	75	65	60	54	62	26	
Tunisia	99	98	97	95	96	98	97	96	97	96	95	94	93	94	95	93	93	93	91	84	72	70	66	62				
Turkey	90	90	85	68	78	88	85	79	81	79	72	67	87	76	77	72	84	79	86	86	45	55	56	56	58	64	42	
Turkmenistan	98	99	97	83	98	95	97	98	99	98	97	93	90	73	84													
Tuvalu	97	93	98	93	98	96	82	83	94	77	97	87	99	80	70	74	99	85	89	59	73	52	37	79	72	49	36	
Uganda	80	84	87	81	72	61	58	54	54	56	57	59	60	56	53	49	45	42	38	30	21	14	14	14	12	9		
Ukraine	98	96	99	97	99	99	99	99	98	99	99	98	97	93	88													
Union of Soviet Socialist Republics																												
United Arab Emirates	94	94	94	94	94	94	94	94	94	92	90	90	90	90	86	85	85	84	82	80	78	76	59	50	43	45	11	
United Kingdom	92	91	90	91	91	94	92	94	94	94	94	94	93	93	92	88	84	78	75	73	67	65	65	59	53	46	41	
United Republic of Tanzania	90	90	95	89	89	85	79	76	79	79	82	81	84	83	83	81	78	77	85	79	74	67	58	52	50	55	59	
United States of America	96	96	96	96	94	94	94	96	96	96	95	95	94	88	83	86	90	94	97	97	97	96	97	97	96	96	96	
Uruguay	95	96	94	91	95	94	90	93	92	91	91	91	91	91	92	93	96	97	88	82	85	70	63	62	73	67	53	
Uzbekistan	95	99	99	98	98	97	96	99	99	96	97	89	67	62	83													
Vanuatu	85	66	58	49	54	93	90	90	93	72	67	73	74	86	77	83	76	61	58	56	31	30	28	27	22			
Venezuela	71	87	86	68	65	70	77	76	39	60	57	68	63	67	67	64	63	57	56	57	58	49	33	58	53	54	56	
Viet Nam	94	95	96	99	75	96	96	93	94	95	94	93	94	91	88	88	88	88	70	50	43	42	5	4				
West Bank and Gaza	96	99	96	98	97	97	93	89	98	96	97	99	98	94														
Yemen	85	86	78	66	69	76	72	68	51	47	44	44	33	54	50	47	84	56	36	20	13	10	7	5	4	3	1	
Zambia	80	80	80	80	80	80	78	80	81	83	84	86	90	86	83	79	91	83	83	83	83	66	66	59	49	49	39	
Zimbabwe	90	90	85	80	75	75	77	81	81	86	90	88	87	85	86	87	88	87	85	84	75	63	60	63	60	53	46	





# Reference

# HepB3 coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Afghanistan																													
Albania	98	98	99	97	96	96	96	96	96	97	96	88	99																
Algeria	80	83	81																										
Andorra	84	79	77	81	84	84	84	75	80	75																			
Angola																													
Antigua and Barbuda	99	99	97	99	99	99	96																						
Argentina	84	87	92	91	66																								
Armenia	78	91	93	91	69	55																							
Australia	94	94	95	95	94	94																							
Austria	83	86	83	83	81	44	33																						
Azerbaijan	93	96	97	98	97																								
Bahamas	96	93	93	88	89	21																							
Bahrain	98	98	98	98	98	99	97	97	95	95	96	95	93	90	57														
Bangladesh	88	62	10	5																									
Barbados	84	92	93	91	66	18																							
Belarus	98	99	99	99	99	93	70																						
Belgium	78	78	65	60	55	50	60	49	31	2																			
Belize	98	97	96	96	97	76	75																						
Benin	93	92	89	81	15																								
Bhutan	95	95	89	95	83	89	98	90	81	84	16																		
Bolivia	81	81	81	81	81																								
Bosnia and Herzegovina	82	93	36																										
Botswana	85	85	85	85	85	85	85	85	69	60	62	73																	
Brazil	97	92	90	91	92	92	99	83	13	6																			
Brunei Darussalam	99	99	99	99	99	99	99	93	99	98	98	99	99	99	96	96	96												
Bulgaria	96	96	94	96	88	93	94	97	97	77	84	95	94	96	71														
Burkina Faso	76																												
Burundi	74	74	74																										
Cambodia	80																												
Cameroon	81	79																											
Canada	14	14	14	14																									
Cape Verde	69	69	68	54	40																								
Central African Republic																													
Chad																													
Chile	94																												
China	91	84	84	82	81	77	72																						
China, Hong Kong SAR				86																									
Colombia	86	87	89	93	76	80	74	75	72	76																			
Comoros	69	80	77	27																									
Congo																													
Cook Islands	99	99	99	93	99	92	97	67	86	98	85	85	79	76	98	85	71												
Costa Rica	90	90	89	86	94	80	89	83	86	76																			
Côte d'Ivoire	77	56	50	48	48	10																							
Croatia																													
Cuba	89	99	99	99	98	98	96	99	98	98	99	99	98	84															
Cyprus	93	88	88	88	89	89	89	89	88	88	88	68	54	41	27	20													
Czech Republic	98	99	98	92	86																								
Czechoslovakia																													
D.P.R. Korea	96	92	98	27																									
Democratic Republic of the Congo																													
Denmark																													
Djibouti																													
Dominica	7																												
Dominican Republic	74	79	71	65	56	66	68	76	41	53																			

Source: WHO-UNICEF estimates.

# Reference HepB3 coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Ecuador	98	94	90	86	85	71	38																				
Egypt	98	98	97	98	97	99	93	89	85	81	77	74	57														
El Salvador	96	89	90	89	89	75	99	1																			
Equatorial Guinea																											
Eritrea	97	97	94	90	87																						
Estonia	95	95	90																								
Ethiopia																											
Fiji	81	75	73	92	78	93	95	96	98	98	90	82	60	88													
Finland																											
France	29	29	29	29	29	27	26	24	27																		
Gabon	38	38																									
Gambia	95	88	90	90	90	84	91	90	93	93	90	87	84	45	62	78	93										
Georgia	83	74	64	49	51	61	55																				
Germany	86	84	84	84	84	84	84	81	81	71	57	45	32	15													
Ghana	84	84	80	80	80																						
Greece	88	88	88	88	88	88	88	88	69	50	12	12	2	2	15	10											
Grenada	91	99	83	97	98	96																					
Guam	88	88	85	77																							
Guatemala	80	27																									
Guinea																											
Guinea-Bissau																											
Guyana	93	93	91	90	91	85																					
Haiti																											
Honduras	87	91	89	92	95	95	95	95	88	75																	
Hungary																											
Iceland																											
India	6	8	6																								
Indonesia	70	70	70	70	70	62	65	77	76	65	62	50	42	43	28												
Iran (Islamic Republic of)	99	94	95	98	99	94	99	95	94	88	84	59	62														
Iraq	75	81	81	56	74	70	67	52	3	65	22	57	40														
Ireland																											
Israel	95	95	95	95	98	96	97	97	97	97	96	93	92	92	92												
Italy	96	96	96	95	95	95	94	97	95	95	95	95	95	95	95	95	95										
Jamaica	87	87	81	19																							
Japan																											
Jordan	98	95	95	97	95	97	93	97	99	93	85	54															
Kazakhstan	99	94	99	99	95	96	99	90	49																		
Kenya	80	76	73	73	72																						
Kiribati	88	50	67	83	99	85	90	82	89	97	66	36	36	8	6	7	73										
Kuwait	99	99	94	99	99	99	95	95	99	98	99	99	93	91	38												
Kyrgyzstan	90	97	99	99	99	57	44	10																			
Lao People's Democratic Republic	57	49	45	50																							
Latvia	97	98	98	98	98	96	95	94	9																		
Lebanon	88	88	88	88	88	70	70	86																			
Lesotho	85	85	71	14																							
Liberia																											
Libyan Arab Jamahiriya	98	97	99	95	91	93	92	92	92	91	93	92	92	91	88												
Lithuania	95	95	94	95	94	95	99	96	73																		
Luxembourg	95	95	72	49	49	49	49	49	49	49																	
Madagascar	61	61	61	61																							
Malawi	99	93	89	84	64																						
Malaysia	87	92	94	91	93	95	94	91	91	91	87	91	90	86	86	89	86									89	
Maldives	98	98	97	98	98	96	90	90	45	56	96	80	63	21													
Mali	90	85	73	79																							





# Reference HepB3 coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980						
Malta	86	78	81	70																													
Marshall Islands	97	89	72	74	80	76	36	80	80	70	68	47	46	17	24	17	10	3															
Mauritania	68	42																															
Mauritius	97	97	98	92	88	92	88	85	90	90																							
Mexico	98	98	98	88	91	89	89																										
Micronesia (Federated States of)	84	91	90	89	85	81	87	77	79	78	80	82	82	82	73	65	56	47															
Monaco	99	99	99	99	99	99	99	99																									
Mongolia	98	98	95	95	94	94	94	84	91	88	92	89	67	69	49	6																	
Montenegro																																	
Montserrat				99																													
Morocco	95	96	95	90	92	84	43	10																									
Mozambique	72	72	72	72	72	25																											
Myanmar	75	62	39	8																													
Namibia																																	
Nauru	99	80	78	77	75	95	58	62	29	86	72	57	79	99	90	79																	
Nepal	69	41	27	2																													
Netherlands																																	
New Zealand	87	87	88	89	89	90	90	89	87	99	94	88	81	74	67																		
Nicaragua	87	86	79	86	85	84	83	82																									
Niger																																	
Nigeria	41	41																															
Niue	99	86	99	95	99	99	99	99	99	99	99	90	99	99	99	99																	
Norway																																	
Oman	99	99	99	99	99	99	99	99	99	99	99	99	99	96	99	94																	
Pakistan	83	73	65	63																													
Palau	98	98	98	99	99	97	96	96	96	90	99	99	73	94	75	89																	
Panama	99	85	99	86	87	40																											
Papua New Guinea	70	63	60	67	60	41	57	54	47	44	43	23	20	7	12	19	20																
Paraguay	73	75	76	74																													
Peru	94	89	87	60																													
Philippines	77	49	42	47	38	80	19	32	35	31	35	38																					
Poland	98	98	98	97	98	95	99	99	99	97	56	23	4	1	1																		
Portugal	94	94	94	94	82	70	58	64	64	49	34	6																					
Qatar	96	97	97	93	98	93	89	92	92	90	90	90	90	93	89	86																	
Republic of Korea	99	99	99	92	91	92	89	93	88	82	88	93	99																				
Republic of Moldova	98	99	99	99	99	84	88	94	93	87	81	19																					
Romania	99	98	99	98	99	98	98	99	99	99	99																						
Russian Federation	98	97	96	94	82	46																											
Rwanda	99	95	89	96	88																												
Saint Kitts and Nevis	99	99	96	96	99	96	99	99	99																								
Saint Lucia	85	95	91	84	14																												
Saint Vincent and the Grenadines	99	99	99	31																													
Samoa	56	60	70	97	98	98	96	99	99	99	98	96	94	1	18																		
Sao Marino	95	95	97	96	95	94	94	97	97	97	98	98	98	98	99	99																	
Sao Tome and Principe	75	96	99	43																													
Saudi Arabia	96	96	96	96	95	97	95	93	92	95	92	95	94	93	89	86	66																
Senegal	89	84	54																														
Serbia	93	65	89																														
Seychelles	99	99	99	99	98	97	97	99	96	97	98	99																					
Sierra Leone																																	
Singapore	94	96	94	95	95	95	97	96	96	97	96	96	94	90	78	76	74																
Slovakia	99	99	99	99	99	99	99																										
Slovenia																																	
Solomon Islands	93	73	72	70	68	76	77	76	74	73	97	66	65	53																			

## Reference HepB3 coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Somalia																												
South Africa	99	97	89	94	83	80	88	83	79	74																		
Spain	81	81	78	81	82	83	77	80	81	84	82																	
Sri Lanka	98	99	62	32																								
Sudan	60	22																										
Suriname	84	83																										
Swaziland	68	71	78	78	78	76	76	76	76	76	76																	
Sweden																												
Switzerland																												
Syrian Arab Republic	98	98	98	98	98	89	90	91	91	84	82	74	64	23	5													
Tajikistan	86	85	72	60	39																							
Thailand	96	96	96	96	95	95	95	95	94	94	93	93	66	58	15													
T.F.Y.R. Macedonia	89	53																										
Timor-Leste																												
Togo																												
Tokelau		99	99	70	99	99	99	99	99	82	65	50	43	36	28	21	14											
Tonga	99	99	99	93	95	96	97	93	96	95	94	91	90	96	82	88	94											
Trinidad and Tobago	89	95	94	76	5																							
Tunisia	99	97	96	92	93	94	94	94	89	88	83																	
Turkey	82	85	77	68	72	77	71																					
Turkmenistan	98	99	96	97	96																							
Tuvalu	97	79	98	85	99	99	81	93	96	88	86	49	17															
Uganda	80	84	87	63	42																							
Ukraine	96	97	98	77	48	7	4																					
Union of Soviet Socialist Republics																												
United Arab Emirates	92	92	92	92	92	92	92	92	96	90	90	90	90	90														
United Kingdom																												
United Republic of Tanzania	90	90	95	85	89																							
United States of America	92	92	92	92	88	89	90	88	87	84	82	68	42	16														
Uruguay	95	96	94	91	95	94	92	93																				
Uzbekistan	97	99	99	99	92	8	5	1																				
Vanuatu	85	56	56	56	54	69	75	75	75	75	69	66	69	82	82	46												
Venezuela	71	88	82	75	60	54	5																					
Viet Nam	93	94	94	78																								
West Bank and Gaza	97	99	96	98	92	93	95	91	92	99	91	93																
Yemen	85	86	49	42	34	21	15	9																				
Zambia	80	80																										
Zimbabwe	90	90	85	80	75	75	77	31	24	16	9	1																





# Reference Hib3 coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980		
Albanian																													
Algeria																													
Andorra	93	97	95	91	91	92	90	80	55																				
Angola																													
Anguilla																													
Antigua and Barbuda	99	99	97	99	82	97	84	99	23																				
Argentina	91	92	95	98	93	83	83	86	49																				
Armenia																													
Australia	94	94	95	95	95	95	90	87	82	77																			
Austria	83	86	83	84	82	74	72	74																					
Azerbaijan																													
Bahamas	95	93	93	93	94	99	90	78																					
Bahrain	97	98	98	97	98	99	97	96	39																				
Bangladesh																													
Barbados	84	92	93	88	66	18																							
Belarus																													
Belgium	95	95	95	90	85	80	62	43	24	6	10	13	16	20															
Belize	98	96	96	96	89	96																							
Benin	93	35																											
Bermuda																													
Bhutan																													
Bolivia	81	81	81	81	81	81																							
Bosnia and Herzegovina	85	50	49																										
Botswana																													
Brazil	99	96	96	96	93	93	97																						
British Virgin Islands																													
Brunei Darussalam	99	99	92		99	99	99	90																					
Bulgaria																													
Burkina Faso	76																												
Burundi	74	74	74																										
Cambodia																													
Cameroon																													
Canada	94	90	87	83	84	85	86	87	88	87	84																		
Cape Verde																													
Cayman Islands																													
Central African Republic																													
Chad																													
Chile	94	91	93	96	97	97	91	95	90	90	91																		
China																													
Colombia	86	87	89	93	65	55	61	62	62																				
Comoros																													
Congo																													
Cook Islands																													
Costa Rica	89	89	90	87	93	89	92	68	26																				
Côte d'Ivoire																													
Croatia	96	96	93	95	77																								
Cuba	97	94	99	99	78	99	78	99																					
Cyprus	90	58	58	58	32	32	32																						
Czech Republic	97	97	98	97	95																								
Czechoslovakia																													
D.P.R. Korea																													
Democratic Republic of the Congo																													
Denmark	93	93	95	96	96	95	95	95	97	99	93	78	88	82															

## Reference Hib3 coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Djibouti																												
Dominica	7																											
Dominican Republic	69	79	71	65	83	20																						
Ecuador	98	94	90	58																								
Egypt																												
El Salvador	96	89	90	83	89																							
Equatorial Guinea																												
Eritrea																												
Estonia	88	37	27																									
Ethiopia																												
Fiji	81	75	71	88	85	82	86	90	94	98																		
Finland	98	98	96	96	96	96	96	96	96	96	96	94	93	97	97													
France	87	87	87	86	86	86	86	85	79																			
Gabon																												
Gambia	95	88	90	90	90	75	83	90																				
Georgia																												
Germany	94	92	90	89	91	85	79	79	80	80	70	70	65	65	65	60												
Ghana	84	84	80	80	80																							
Greece	88	88	88	88	88	88	88	88	71	54	36	19	2															
Grenada	91	99	83	97	98	96	33																					
Guam																												
Guatemala	80	81	83	80	84	88	90	94	85																			
Guinea																												
Guinea-Bissau																												
Guyana	93	93	91	90	91	85																						
Haiti																												
Honduras	87	91	89	92	95	95																						
Hungary	99	99	99	99	99	99	99	99																				
Iceland	97	95	99	97	94	92	98	98	98	99	99	99	99	99	99	99												
India																												
Indonesia																												
Iran (Islamic Republic of)																												
Iraq																												
Ireland	91	90	89	86	83	84	85	86	84	76																		
Israel	96	96	96	96	93	93	94	93	92	92	92	93	92															
Italy	95	95	94	90	83	70	55																					
Jamaica	87	89	82	19																								
Japan																												
Jordan	98	95	95	97	95	59																						
Kazakhstan																												
Kenya	80	76	73	73	72																							
Kiribati																												
Kuwait	99	99	98	99	99	98	96	94	94																			
Kyrgyzstan																												
Lao People's Democratic Republic																												
Latvia	99	94	95	92	87	84	79	76	47	67	35	58	10															
Lebanon	92	92	92	92																								
Lesotho																												
Liberia																												
Libyan Arab Jamahiriya																												
Lithuania	94	61	35	10	5	4	2																					
Luxembourg	98	98	97	95	94	92	91	89	88	86																		
Madagascar																												
Malawi	99	93	89	84	64																							





## Reference Hib3 coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980									
Malaysia				86																																
Maldives			89																																	
Mali	16	3																																		
Malta	83	83	55	83	71	84	93	91	89	64	38																									
Marshall Islands	60	69	46	70	80	45	45																													
Mauritania																																				
Mauritius	96																																			
Mexico	98	98	98	98	91	89	89																													
Micronesia (Federated States of)	59	74	65	68	70	73	75	40																												
Monaco	99	99	99	99	99	99	99	99																												
Mongolia	56	28																																		
Montenegro	90																																			
Montserrat				91	90	90	99																													
Morocco	10																																			
Mozambique																																				
Myanmar																																				
Namibia																																				
Nauru																																				
Nepal																																				
Netherlands	97	97	97	96	96	96	96	96	96	96																										
New Zealand	80	80	83	85	88	90	90	88	81	86																										
Nicaragua	87	86	79	86	85	84	83	82																												
Niger																																				
Nigeria																																				
Niue	99	99	99	99	99	99	99				97																									
Norway	94	93	94	94	95	93	93	97	97	97	97																									
Oman	98	99	99	99	97																															
Pakistan																																				
Palau	98	98	98	94	90	93	96	96	74																											
Panama	99	85	99	86	87	40																														
Papua New Guinea																																				
Paraguay	73	75	76	74																																
Peru	94	89	91	96	95	33	38	22	7																											
Philippines																																				
Poland	31	22																																		
Portugal	93	93	95	99	94	90	86	90	95																											
Qatar	96	97	96	96	96	94	92	90	88																											
Republic of Korea																																				
Republic of Moldova																																				
Romania																																				
Russian Federation																																				
Rwanda	99	95	89	96	88																															
Saint Kitts and Nevis	99	99	95	99	95	99	12																													
Saint Lucia	85	95	91	84	14																															
Saint Vincent and the Grenadines	99	99	99	27																																
Samoa																																				
San Marino	95	94	98	96	95	93	92	95	91	88	84	80	76	72	69	65																				
Sao Tome and Principe																																				
Saudi Arabia	96	96	96	95	91	96																														
Senegal	89	18																																		
Serbia	42																																			
Seychelles																																				
Sierra Leone																																				
Singapore																																				

## Reference Hib3 coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980				
Slovakia	99	99	99	99	99	99	78	57	36	30	3																				
Slovenia	97	96	94	88	93	93																									
Solomon Islands																															
Somalia																															
South Africa	99	97	89	94	76	78	88																								
Spain	98	96	97	98	97	96	92	82	82																						
Sri Lanka																															
Sudan																															
Suriname	84	83																													
Swaziland																															
Sweden	99	98	98	98	98	99	98	96	95	93	92	90	90																		
Switzerland	92	93	91	91	91	91	86	82	77																						
Syrian Arab Republic	99	99	99	99	99	99	95																								
Tajikistan																															
Thailand																															
T.F.Y.R. Macedonia																															
Timor-Leste																															
Togo																															
Tokelau		99	99			99	99	99																							
Tonga	99	99																													
Trinidad and Tobago	89	95	94	92	59	85	74	49	8																						
Tunisia		80	97	96																											
Turkey																															
Turkmenistan																															
Turks and Caicos Islands							49	49																							
Tuvalu																															
Uganda	80	84	87	63	42																										
Ukraine	11																														
Union of Soviet Socialist Republics																															
United Arab Emirates	94	94	94	94	94	92	92	94																							
United Kingdom	92	91	91	91	91	94	92	93	94	94	95	94	93	89																	
United Republic of Tanzania																															
United States of America	94	94	94	94	93	93	93	94	93	93	91	91																			
Uruguay	95	96	94	91	95	90	88	91	75	84																					
Uzbekistan																															
Vanuatu																															
Venezuela	71	87	61	64	66	30	2																								
Viet Nam																															
Yemen	85	57																													
Zambia	80	80	80																												
Zimbabwe																															







## Reference

## MCV coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Alghanistan	68	64	61	60	44	46	35	40	40	48	42	41	40	25	22	19	20	22	34	31	14	14	14	9	8	6	11	
Albania	97	97	96	93	96	95	95	85	89	95	92	91	90	76	87	80	88	96	96	96	96	96	96	96	93	90	90	
Algeria	91	83	81	84	81	83	80	94	93	92	90	89	88	87	86	85	83	82	81	73	67	68						
Andorra	91	94	98	96	98	97	97	97	90	90	90	90																
Angola	48	45	64	62	74	72	41	46	65	78	62	46	44	47	39	39	38	48	56	55	44	44	35	26				
Antigua and Barbuda	99	99	97	99	99	97	95	99	99	99	99	93	91	99	99	87	89	95	95	89	80	69	73	48				
Argentina	97	99	99	99	95	89	91	97	99	93	99	99	96	95	92	98	93	89	87	80	87	54	79	67	67	77	61	
Armenia	92	94	92	94	91	93	92	92	94	92	89	96	95	95	93													
Australia	94	94	93	94	93	92	91	88	82	85	87	87	86	86	86	86	86	85	77	68	68	68	68	68				
Austria	80	75	74	79	78	79	75	65	77	90	87	60	60	60	60	60	60	60	60	60	60	40	30	25	25	25		
Azerbaijan	96	98	98	98	97	99	99	98	98	97	99	97	91	28	66													
Bahamas	88	85	89	90	94	92	93	86	93	92	90	90	88	88	94	93	86	87	78	87	83	79	63	66	65			
Bahrain	99	99	99	99	99	98	98	94	99	94	95	95	93	90	87	88	87	85	78	78	78	78	65	59	54	50	45	
Bangladesh	81	81	81	76	75	77	76	76	72	72	69	79	78	74	69	68	65	53	13	6	3	1	1	1	1	1		
Barbados	92	93	98	90	91	93	94	86	97	92	99	92	97	92	90	92	87	85	84	85	84	88	84	55	53	47	41	
Belarus	97	99	99	99	99	99	98	98	98	97	96	93	97	96	94													
Belgium	88	88	82	80	77	75	82	81	80	76	73	85	78	70	87	67	65	75	75	50	90	82	74	66	58	50		
Belize	99	95	95	96	89	89	93	82	84	85	80	83	83	82	83	76	86	68	70	64	81	49	44	44	43	40	21	
Benin	89	85	85	83	78	65	68	75	66	66	60	65	78	67	70	60	79	48	30	26	20	23						
Bhutan	90	93	87	88	78	76	76	76	71	84	85	85	81	84	86	89	93	79	64	58	51	44	36	21	20	21	13	
Bolivia	81	81	81	80	80	80	79	79	50	51	61	58	64	57	57	54	53	59	58	57	55	21	20	13	15	17	13	
Bosnia and Herzegovina	90	90	88	84	89	92	80	83	84	86	70	53	57	48	52													
Botsswana	90	90	90	90	90	90	90	90	90	89	89	89	88	88	88	88	87	87	87	87	87	85	82	79	75	70	63	
Botswana	99	99	99	99	97	99	99	99	96	99	80	90	78	85	91	85	78	60	62	64	62	67	73	68	66	72	56	
Brazil																												
British Virgin Islands																												
Brunei Darussalam	97	97	99	99	99	99	99	94	99	98	99	99	99	99	92	96	99	99	99	99	99	98	90	94	88	80	73	
Bulgaria	96	96	95	96	92	90	89	96	95	93	95	94	93	88	92	98	99	99	99	99	99	99	98	98	90	98	98	
Burkina Faso	88	84	78	76	64	69	59	29	45	41	40	43	46	50	60	68	79	66	52	37	40	38						
Burundi	75	75	75	75	75	75	75	75	76	77	79	80	42	69	69	74	74	73	46	54	59	32	27	54	40	28		
Cambodia	78	79	80	65	52	59	65	55	52	50	56	62	50	36	33	39	34	39	39	53	54	29	27					
Cameroon	73	68	64	61	53	47	49	46	47	43	39	46	38	32	37	48	56	56	48	44	44	39	31	25	21	16		
Canada	94	94	94	95	95	95	95	96	96	96	97	96	97	96	94	92	89	87	85	70								
Cape Verde	65	65	69	68	85	72	80	61	66	82	66	66	83	88	82	76	79	84	80	75	58	54						
Central African Republic	35	35	35	35	35	35	36	37	39	46	46	46	51	41	31	62	83	69	40	17	24	23	19	16	16	15	12	
Chad	23	23	23	23	25	26	28	30	30	30	22	26	24	19	25	28	32	32	17	12	12	7	10					
Chile	91	90	94	96	95	96	97	94	98	96	93	97	96	94	89	99	97	92	95	92	91	92	94	95	96	95	94	
China	93	86	86	85	85	85	85	85	84	83	84	80	75	81	87	92	98	95	95	77	63	88	84	78				
China, Hong Kong SAR																												
China, Hong Kong SAR	81																											
Colombia	88	89	91	92	89	90	75	75	73	75	99	95	87	94	74	78	82	81	74	59	45	51	51	43	28	26	13	
Comoros	66	80	73	63	71	70	70	69	67	49	43	69	59	56	51	40	87	85	40	71	71	18	42					
Congo	66	56	65	50	37	35	34	23	21	18	42	38	47	55	60	64	75	75	73	69	69	67	52	59	55	49	49	
Cook Islands	99	99	99	99	99	98	84	76	63	94	87	72	96	72	99	87	94	67	99	92	84	70	76	65	68			
Costa Rica	89	89	88	89	94	82	82	88	83	89	84	91	87	89	89	92	96	90	77	97	93	90	76	84	87	79	60	
Côte d'Ivoire	73	51	49	56	56	61	73	62	66	68	65	57	55	52	54	57	56	41	31	30	31	31						
Croatia	96	96	96	95	95	94	93	92	93	91	92	92	90	90	90													
Cuba	96	98	99	99	99	98	99	94	96	99	99	99	99	96	99	99	94	98	89	99	80	85	82	94	55	49	48	
Cyprus	87	86	86	86	86	86	86	87	89	89	90	83	82	81	80	78	77	76	74	91	60	43	25	19	21	28	29	
Czech Republic																												
Czech Republic	97	97	97	99	99	98	98	97	95	96	97	96	97	98														
Czechoslovakia																												
D.P.R., Korea	96	96	95	95	98	92	78	63	49	34	50	67	83	99	99	98	98	91	98	98	98	98	99	88	99	95	95	
Democratic Republic of the Congo	73	70	64	54	45	37	46	15	20	20	21	27	39	33	25	17	38	41	44	41	39	40	30	30	25	23	18	
Denmark	99	95	96	96	96	99	94	99	92	91	84	85	88	88	81	85	86	84	80	72	82							
Djibouti	67	65	60	66	62	49	50	23	21	31	41	41	42	41	41	53	85	75	68	22	19	27	20	18	15			
Dominica	99	98	99	99	98	99	99	99	98	99	99	99	99	99	99	98	88	88	90	87	97	93	85	63	43			

## Reference

## MCV coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Dominican Republic	99	99	61	79	82	98	88	96	95	82	80	96	86	96	75	69	96	65	28	71	71	54	19	24	25	18	30	
Ecuador	97	93	99	99	80	99	84	99	89	75	79	73	72	73	69	54	60	57	53	47	50	51	54	34	46	31	24	
Egypt	98	98	97	98	97	97	98	96	98	92	92	89	89	89	89	89	86	86	85	76	78	74	47	41	41	41	41	
El Salvador	98	99	93	90	93	82	97	99	99	99	94	93	80	86	55	54	98	73	63	48	51	71	41	46	43	44	45	
Equatorial Guinea	51	51	51	51	51	51	51	51	82	82	81	81	80	79	82	85	88	18	46	32	17	11						
Eritrea	95	95	92	90	87	84	86	88	81	73	66	58	51	34	18													
Estonia	96	96	96	95	95	93	92	89	88	88	86	81	76	74														
Ethiopia	63	59	56	55	54	53	52	51	51	51	54	38	54	22	12	17	38	23	15	13	10	12	8	7	7	3	4	
Fiji	99	70	62	91	88	90	85	80	75	75	94	94	96	96	91	93	84	65	69	64	61	57	22	25	2	40	32	
Finland	97	97	97	97	96	96	96	96	96	96	98	98	99	99	99	97	97	95	98	92	87	85	83	81	75	70		
France	87	87	87	86	86	85	84	83	82	83	84	83	80	78	76	74	71	58	51	45	39	35	26	15				
Gabon	55	55	55	55	55	55	55	55	56	56	57	57	57	63	66	61	76	76	68	67	66	58						
Gambia	95	84	90	90	90	90	85	88	92	92	94	91	89	87	83	87	86	84	80	88	62	75	79	70	71	70	69	
Georgia	95	92	86	80	73	73	73	73	73	69	65	61	63	61	16													
Germany	94	93	93	93	93	93	92	92	92	91	91	92	90	89	75	75	75	75	75	75	70	50	48	47	50	25	25	
Ghana	85	83	83	80	83	81	84	73	73	73	71	70	68	66	64	63	61	65	59	51	31	21	10	16	21	23	16	
Greece	88	88	88	88	88	88	88	88	89	90	90	70	72	72	72	72	76	76	82	81	39	77	75					
Grenada	98	99	74	99	96	99	92	94	97	92	85	88	87	99	73	96	85	89	48	77	62	49	31	7	5			
Guam				84																								
Guatemala	95	94	95	94	92	91	88	83	79	74	69	83	66	71	59	49	68	60	55	24	55	23	24	9	12	8	23	
Guinea	67	59	50	48	46	44	42	40	52	56	61	61	58	55	52	42	35	27	27	28	28	29	29	30	34	15		
Guinea-Bissau	60	80	80	61	47	48	59	70	61	51	49	45	68	68	60	52	53	65	52	68	59	35	31	27				
Guyana	90	92	88	89	93	93	86	87	93	82	91	77	83	92	73	76	73	69	55	52	42	40	56	51	68			
Haiti	58	58	57	57	56	55	54	54	53	52	50	49	48	44	39	35	31	31	59	23	26	21	8	6	3			
Honduras	91	92	92	95	97	95	98	98	98	99	99	91	89	93	94	86	90	94	76	57	60	53	44	49	48	34	31	
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Iceland	95	90	93	93	91	88	91	94	96	99	99	99	99	99	99	99	99	99	99	97	95	96	96	81				
India	59	59	58	56	55	53	52	50	51	55	66	72	67	59	51	43	56	42	32	24	10	10	1					
Indonesia	72	72	72	72	72	70	72	74	75	77	79	63	66	68	65	61	58	54	51	48	45	26	13	6				
Iran (Islamic Republic of)	99	94	96	99	99	96	99	99	99	95	99	95	97	96	96	84	85	79	83	76	69	62	38	38	55	48	39	
Iraq	60	60	65	70	75	80	85	90	88	85	82	80	72	63	67	71	75	79	85	91	75	70	25	12	11	10	9	
Ireland	86	84	81	78	73	73	79	77	77	77	77	77	78	78	78	78	78	78	68	66	65	63	10	10				
Israel	95	95	95	95	98	96	97	97	97	97	97	96	93	92	94	94	91	88	86	88	88	85	85	85	88	83	81	
Italy	87	87	84	83	80	77	73	70	55	57	55	50	50	50	50	43	41	10	10	21	17	12	10	5				
Jamaica	87	84	86	79	86	85	88	82	85	88	96	90	82	80	63	77	74	71	68	62	36	64	60	15	12			
Japan	99	99	99	99	99	99	98	96	95	95	94	93	81	68	69	71	73	77	76	75	74	73	73	70	66	68	69	
Jordan	99	95	99	96	95	95	94	94	93	95	94	92	91	88	91	85	87	84	87	87	81	73	65	56	48	40	29	
Kazakhstan	99	99	99	99	95	96	99	99	99	97	97	95	91	91	89													
Kenya	77	69	73	72	73	73	75	76	78	79	81	83	84	84	84	81	78	75	72	69	65	63	55					
Kiribati	61	85	56	72	88	76	80	62	77	82	64	47	70	89	77	62	75	63	54	14	9	4	8	24				
Kuwait	99	99	97	97	97	99	99	96	99	95	99	98	98	95	85	75	66	98	97	95	93	91	88	80	79	71	48	
Kyrgyzstan	97	99	99	99	99	99	98	99	98	98	98	97	88	93	94													
Lao People's Democratic Republic	48	41	36	42	55	50	42	71	71	67	73	68	73	46	46	47	32	20	23	11	10	6	6	7	7	7		
Latvia	95	95	99	99	96	96	97	97	97	97	96	81	81	80	95													
Lebanon	96	96	96	96	96	94	90	79	91	89	85	88	88	88	76	65	61	58	48	39	30	23	16	8	1	0	0	
Lesotho	85	85	85	85	78	70	74	77	79	80	82	83	82	82	81	81	80	79	79	78	76	73	63	63	51	49	49	
Liberia	94	94	42	53	57	78	52																					
Libyan Arab Jamahiriya	98	97	99	95	91	93	92	92	92	91	93	92	92	91	88	87	89	79	76	75	78	75	76	71	65	66	61	
Lithuania	97	97	98	88	98	97	97	97	97	96	96	94	93	92	89													
Luxembourg	95	95	93	93	91	91	91	91	91	91	91	88	86	83	80	80	80	80	71	77	68	58	49	39				
Madagascar	59	59	59	59	58	57	56	55	46	46	46	55	63	54	54	54	47	44	36	28	18	6	1					
Malawi	85	82	80	77	69	82	73	83	90	87	90	90	83	87	91	85	81	84	82	79	60	49	50	58	64	64	49	
Malaysia	90	90	71	94	76	92	88	87	86	86	86	86	85	81	82	80	70	61	61	68	35	20	23	11				
Maldives	97	97	97	96	99	99	99	97	98	96	95	96	97	86	98	97	96	88	83	41	50	47	40	37	34	39		





# Reference

## MCV coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Mali	86	86	75	68	64	61	49	52	54	56	57	52	46	51	35	42	43	40	23	11	27	19						
Malta	94	86	87	90	65	65	74	67	60	56	51	51	71	90	92	90	80	86	41	59	35	10	10					
Marshall Islands	96	86	70	80	80	88	94	93	93	52	69	57	59	36	86	74	52	39	25	31								
Mauritania	62	61	64	71	81	58	62	62	64	66	67	66	53	49	43	32	38	42	45	27	40	41	42	43	44	45		
Mauritius	99	98	98	94	84	90	84	80	85	87	61	89	85	84	84	88	76	80	73	69	71	67	55	53	34		35	
Mexico (Federated States of)	83	96	85	91	88	85	85	79	82	74	82	90	83	80	78	76	81	94	84	69								
Monaco	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	99	99	99									
Mongolia	99	99	96	95	95	95	94	93	93	91	88	85	80	84	84	82	92	86	70	61	11	18	20	1	6	12	17	
Montenegro	90																											
Montserrat				99																								
Morocco	95	97	95	90	94	96	93	90	91	92	93	88	87	83	81	80	79	82	81	73	58	45	42	35	17			
Mozambique	77	77	77	77	77	74	71	66	64	61	58	71	65	62	56	55	59	48	44	37	39	39	50	51	58	32		
Myanmar	78	72	78	76	77	73	84	86	89	88	86	82	77	71	68	85	90	50	32	17	5							
Namibia	63	73	70	70	68	58	69	65	64	59	61	68	70	71	76	76	57	56										
Nauru	99	80	67	53	40	95	8	49	90	99																		
Nepal	85	74	73	75	71	71	71	72	72	73	65	56	58	58	58	57	57	57	58	37	37	34	24	11	2	2		
Netherlands	96	96	96	95	95	96	96	95	96	96	94	94	94	94	95	94	93	94	92	92	92	92	93	92	91	91	91	
New Zealand	82	82	83	84	84	85	85	83	81	99	92	84	87	85	82	82	90	83	75	67	60	64	67	71	74	77	80	
Nicaragua	99	96	84	93	98	92	86	86	86	86	85	85	84	84	83	54	82	63	63	47	51	59	56	41	40	20	15	
Niger	47	47	44	42	39	37	34	36	35	35	38	40	19	19	21	28	25	14	24	27	27	27	22	16	18	19		
Nigeria	62	62	53	45	36	35	35	35	40	38	38	44	41	40	43	57	54	59	46	36	28	17	9					
Niue	99	99	99	86	99	99	99	99	99	99	99	99	99	99	99	99	99	99	94	94	73	52	52	58	65	71	77	
Norway	91	89	89	86	87	90	88	93	93	93	92	92	94	93	96	94	87	84	87	87	87	87	80	80	80			
Oman	96	98	98	98	99	99	99	99	98	98	98	98	98	98	95	96	98	94	87	86	79	65	53	34	24	10	22	
Pakistan	80	78	67	61	63	57	56	56	55	52	50	47	53	52	52	51	50	48	46	43	41	38	33	19	3	2	1	
Palau	98	98	99	99	99	91	83	96	74	83	99	99	41	32	94	98	98	98	99	98	98							
Panama	94	99	99	83	79	95	97	90	96	92	90	84	84	83	76	80	73	73	73	78	74	84	72	85	64	76	71	
Papua New Guinea	65	60	60	63	61	56	62	62	61	50	24	42	36	28	70	69	67	52	46	37	39	33	26	1				
Paraguay	88	90	89	91	86	90	92	74	99	61	81	75	76	96	87	74	69	58	63	56	46	48	62	37	26	16	19	
Peru	99	80	89	95	95	97	97	93	93	93	91	87	98	75	75	83	74	64	52	52	56	41	53	35	28	32	23	
Philippines	92	93	80	80	80	80	81	80	80	79	76	72	75	78	81	83	85	83	77	68	51	49	44	27	9			
Poland	99	98	97	97	98	97	97	97	97	97	97	97	96	96	95	94	95	95	95	94	92	92	94	94	94	93	93	92
Portugal	93	93	95	96	93	90	87	96	96	96	99	94	91	95	99	96	85	96	84	81	75	70	48	48	46	48	54	
Qatar	99	99	99	99	93	99	92	91	87	89	87	90	87	86	86	84	79	79	73	60	62	62	62	69	22	10	26	
Republic of Korea																												
Republic of Moldova	96	97	96	96	94	81	87	99	99	99	98	99	95	92	92	93	93	95	70	82	89	89	61	33	5	5	4	
Romania	95	97	97	97	98	98	98	98	97	97	94	93	91	93	91	92	92	90	78	90	81	88	86	83				
Russian Federation	99	99	98	96	98	98	97	97	94	91	88	85	81	88	83													
Rwanda	95	89	84	90	69	69	74	78	78	66	74	84	25	74	82	89	83	83	79	78	79	52	53	53	48	42		
Saint Kitts and Nevis	99	99	98	98	99	90	99	99	99	97	99	99	99	99	99	99	99	90	77	91	96	91	85					
Saint Lucia	94	94	95	90	96	89	88	95	90	95	95	94	92	94	75	97	82	91	83	81	91	68	60	36	43			
Saint Vincent and the Grenadines	99	97	99	94	99	98	96	87	89	99	99	99	98	99	99	98	96	99	97	91	88	74	92	59	40			
Samoa	54	57	25	99	99	99	92	93	91	99	99	96	94	92	90	77	89	82	75	78	91	81	83	78	59			
San Marino	94	94	98	91	85	80	74	99	99	98	98	97	97	96	99	99												
Sao Tome and Principe	85	88	91	87	85	75	69	64	59	60	57	74	65	57	52	77	71	45	69	69	58	35	48	40	32	25		
Saudi Arabia	95	96	97	96	97	94	94	92	93	92	92	94	93	91	88	95	88	86	81	77	77	79	71	65	53	12	8	
Senegal	80	74	57	60	54	48	48	60	62	65	70	80	59	58	57	54	51	48	60	66	71							
Serbia	88	96	96	87	92	90	89	84	88	92	90	86	81	85	82	76	83	90	93	92	92	91	90	95	95	95	95	
Seychelles	99	99	99	99	98	95	97	99	93	99	98	97	92	92	92	89	86	89	89	95	95	90	77	88	64	29		
Sierra Leone	67	67	64	73	62	50	37	62																				
Singapore	93	96	95	93	94	95	96	97	96	98	97	97	95	87	89	92	84	81	87	94	85	75	85	88	78	57	47	
Slovakia	98	98	99	89	99	98	98	99	99	99	99	99	97	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Slovenia	96	94	94	87	93	94	95	98	93	82	93	93	91	90	90													

# Reference MCV coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Solomon Islands	84	70	72	70	67	76	87	96	64	68	80	68	60	64	70	76	70	82	68	58	31							
Somalia	35	35	40	40	45	36	38	38	47	25	33	34	35	33	32	30	30	30	33	28	25	35	16	6	4	3	9	
South Africa	85	84	78	83	78	72	77	82	82	82	76	76	76	85	85	85	79	84	68	75	64	70	70	74				
Spain	97	97	97	98	97	96	94	95	93	93	90	90	90	90	83	85	99	97	84	85	83	79	68	40	27	8		
Sri Lanka	99	99	96	89	99	99	99	95	94	94	89	87	84	86	82	79	80	76	68	60	45	20	3					
Sudan	73	69	67	65	58	58	51	49	49	58	59	51	48	49	52	57	57	61	44	22	11	6	3	2	1	1		
Suriname	83	91	86	71	73	82	79	85	82	78	78	79	69	61	90	84	65	73	83	70	78	73	79	71	17	39		
Swaziland	57	60	70	71	72	72	72	72	82	82	82	85	94	85	85	80	85	85	85	65	74	54	50	46	38	30		
Sweden	95	94	94	94	94	94	91	88	94	96	96	97	97	97	96	96	96	95	95	94	94	94	94	93	91	92	88	
Switzerland	86	86	82	82	82	82	81	81	83	83	83	83	83	83	83	83	90	90	70	70	70	70	70					
Syrian Arab Republic	98	98	98	98	98	96	96	97	97	93	95	90	84	86	84	84	87	86	52	37	64	27	23	19	22	14	13	
Tajikistan	87	86	89	87	86	86	87	79	83	84	79	70	73	81	68													
Thailand	96	96	96	96	94	94	94	96	94	93	92	91	86	80	74	79	80	66	63	52	45	26	5					
T.F.Y.R. Macedonia	94	96	96	96	98	92	97	98	96	98	91	97	86	98														
Timor-Leste	64	48	55	55	39																							
Togo	83	70	70	68	48	53	58	57	50	43	48	53	57	60	64	69	73	78	62	74	43	27	11					
Tokelau	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	97	96	96	96	96	96	96	96	
Tonga	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	97	96	96	96	96	96	96	96	
Trinidad and Tobago	89	93	95	88	87	91	90	88	90	88	88	84	86	87	83	93	70	59	72	68	42	32	10					
Tunisia	98	96	95	90	94	92	95	90	94	92	92	91	91	91	92	94	93	93	87	81	67	65	55	42	43			
Turkey	98	91	81	75	82	90	86	80	79	79	72	65	76	72	78	73	78	71	82	67	64	61	62	63	64	52	27	
Turkmenistan	99	99	97	97	88	98	97	97	99	99	98	92	90	84	76													
Tuvalu	84	62	97	95	99	99	81	94	96	99	94	94	79	64	66	63	95	79	90	65	65	92	71	65				
Uganda	89	86	91	82	77	63	61	57	53	54	55	57	59	57	56	54	52	51	49	38	27	17	18	20	21	22		
Ukraine	98	96	99	99	99	99	99	99	96	97	92	97	96	94	90													
Union of Soviet Socialist Republics																												
United Arab Emirates	92	92	94	94	94	94	94	96	95	95	90	90	90	90	85	85	85	85	83	81	79	95	95	95	95	95	95	
United Kingdom	85	82	81	80	83	86	88	88	88	91	82	92	91	91	92	90	87	84	80	76	71	68	63	60	58	55	53	
United Republic of Tanzania	93	91	94	97	89	83	78	72	78	73	78	78	79	77	81	79	80	79	83	78	97	66	55	60	50	51	46	
United States of America	93	93	93	93	91	91	91	92	92	91	91	88	89	84	83	87	90	94	98	82	97	97	98	98	97	97	86	
Uruguay	94	95	95	95	95	94	89	93	93	92	88	90	90	90	93	96	97	82	72	88	82	59	66	65	52	55	50	
Uzbekistan	95	99	98	99	97	98	99	96	96	88	95	91	71	82	84													
Vanuatu	99	70	59	48	44	94	94	94	94	65	61	60	53	74	66	63	66	50	46	34	22	26	18	23	20			
Venezuela	55	76	80	83	83	98	84	84	92	68	64	47	94	62	61	63	61	50	51	54	48	56	41	42	45	43	50	
Viet Nam	93	95	97	93	96	98	97	94	96	96	96	95	96	93	90	88	88	76	56	36	39	19	4	3	1			
West Bank and Gaza	99	99	96	99	94	98	93	92	92	96	95	73	96	91														
Yemen	80	76	76	66	65	79	71	74	66	46	47	46	31	51	46	53	69	48	34	22	15	13	8	6	4	2		
Zambia	84	84	84	84	84	84	84	85	85	86	86	86	96	91	85	80	90	80	80	80	80	58	57	56	56	56	56	
Zimbabwe	90	85	80	80	60	68	70	79	79	84	88	87	87	86	86	87	87	87	88	88	83	78	62	60	56	56	56	



## Reference

## PAB coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Afghanistan	88	87	77	60	52	47	32	28	21	19	17	13	10	13	11	13	13	26	16	13	18	13	5	4	2	3	1	
Albania	87	86	85	81	80	83	86	80	73	92	91	90	91	89	86	70	0	0	0	0	0	0	0	0	0	0	0	
Algeria	70	69	69	66	65	64	63	61	59	57	43	42	40	38	18	7	5	3	0	0	0	0	0	0	0	0	0	
Angola	80	78	84	82	52	76	77	77	48	43	30	43	35	26	41	37	34	32	31	27	25	19	13	8	0	0	0	
Bahamas	92	90	89	88	87	86	85	84	83	82	80	79	78	76	74	73	71	69	65	61	0	0	0	0	0	0	0	
Bahrain	65	78	70	70	71	75	77	76	80	72	63	59	56	57	51	44	48	27	28	13	18	34	34	31	25	36	5	
Bangladesh	92	89	89	89	88	87	88	87	86	90	87	85	81	70	71	76	70	27	14	8	5	3	2	2	2	1	2	
Belize	85	87	86	86	84	84	85	85	85	86	86	87	87	87	88	88	88	88	88	88	88	88	89	89	83	75	0	
Benin	94	94	92	84	85	81	87	89	79	82	81	82	61	58	55	71	48	23	13	9	4	0	0	0	0	0	0	
Bhutan	84	86	88	88	87	87	86	84	85	81	79	78	70	60	58	68	63	39	14	14	6	3	3	0	0	0	0	
Bolivia	71	70	70	69	69	66	67	66	61	60	58	57	56	53	49	25	23	21	11	3	0	0	0	0	0	0	0	
Botswana	84	83	76	75	71	69	68	74	72	69	75	72	91	63	62	59	59	58	54	50	43	39	41	36	27	29	0	
Brazil	92	67	78	76	65	92	92	89	86	83	81	78	75	71	68	64	63	62	59	56	0	0	0	0	0	0	0	
Brunei Darussalam	65	65	80	80	79	78	77	62	66	79	74	69	64	58	57	38	40	42	43	45	50	51	48	30	0	0	0	
Burkina Faso	80	78	84	81	52	76	77	55	48	43	30	43	35	26	41	37	34	32	31	27	25	19	13	8	0	0	0	
Burundi	84	88	67	64	62	55	51	35	44	60	61	61	71	67	70	69	67	65	59	53	35	21	16	11	0	0	0	
Cambodia	82	80	77	70	64	62	58	50	47	46	47	45	34	26	11	11	11	10	10	10	10	9	8	6	0	0	0	
Cameroon	80	76	74	71	65	52	54	55	47	40	21	20	18	18	26	19	19	20	20	17	13	10	6	0	0	0	0	
Cape Verde	74	70	78	76	62	46	60	64	62	63	24	30	65	91	92	92	85	82	77	0	0	0	0	0	0	0	0	
Central African Republic	52	48	35	32	31	34	36	38	24	29	33	34	31	39	45	77	69	49	34	25	25	24	24	19	18	13	8	
Chad	60	61	61	60	48	37	39	43	47	49	43	65	60	56	11	13	14	19	10	8	0	0	0	0	0	0	0	
Colombia	77	77	76	73	72	71	70	69	67	66	65	64	62	61	59	57	49	41	24	8	8	8	7	7	7	6	3	
Comoros	84	88	90	90	92	70	57	50	44	41	50	67	58	48	37	44	78	64	33	31	24	13	14	0	0	0	0	
Congo	88	82	81	79	69	67	67	63	62	62	80	73	71	70	77	76	60	43	47	44	60	0	0	0	0	0	0	
Côte d'Ivoire	52	57	64	61	62	73	76	71	60	54	35	36	34	47	43	41	36	31	0	0	0	0	0	0	0	0	0	
D.P.R. Korea	90	90	92	91	91	80	81	55	30	60	82	90	92	91	91	90	90	89	0	0	0	0	0	0	0	0	0	
Democratic Republic of the Congo	77	73	69	65	60	42	42	29	33	33	43	42	52	43	38	35	53	52	51	36	37	37	25	0	0	0	0	
Djibouti	77	71	65	59	57	54	46	48	53	69	68	62	55	77	87	85	80	55	58	14	12	14	17	0	0	0	0	
Dominican Republic	85	75	86	84	83	32	48	61	71	80	81	82	82	83	25	82	60	34	34	34	33	33	32	31	31	27	23	
Ecuador	66	65	65	59	58	56	41	39	37	35	33	31	30	28	25	23	15	9	13	16	15	14	12	7	5	4	2	
Egypt	86	85	85	82	81	80	80	77	74	74	71	76	74	80	74	74	67	67	68	7	7	7	7	7	11	13	9	0
El Salvador	91	92	93	90	87	85	83	80	77	74	71	67	63	59	55	46	37	28	28	27	27	26	25	25	26	22	23	
Equatorial Guinea	59	59	66	62	46	49	61	68	74	78	77	75	71	66	68	63	58	53	44	34	24	14	0	0	0	0	0	
Eritrea	79	78	77	73	71	66	38	39	41	36	27	17	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ethiopia	80	81	79	79	79	74	71	48	68	67	65	63	62	62	59	55	50	40	31	32	20	12	8	4	1	0	0	
Fiji	93	93	93	92	92	83	84	84	85	86	81	76	70	91	64	34	5	0	0	0	0	0	0	0	0	0	0	
Gabon	63	58	58	53	64	42	39	46	40	36	33	53	44	69	74	79	84	74	63	57	43	29	0	0	0	0	0	
Gambia	94	89	94	94	90	92	83	91	94	91	92	92	85	89	83	84	85	83	82	77	81	85	84	83	80	76	0	
Ghana	87	85	85	82	91	84	76	63	38	83	28	34	26	36	26	27	35	40	42	46	48	34	21	11	11	11	3	
Guatemala	79	76	72	67	62	40	41	42	43	44	44	44	45	44	44	29	52	28	22	16	13	9	6	4	1	1	1	
Guinea	91	88	85	82	73	67	66	68	67	65	63	74	72	65	56	36	27	24	17	11	5	5	0	0	0	0	0	
Guinea-Bissau	69	65	64	62	62	60	49	41	49	63	47	68	66	54	48	46	40	36	26	25	18	10	5	0	0	0	0	
Guyana	91	91	85	84	83	82	82	80	78	76	73	71	68	66	63	60	56	53	48	42	0	0	0	0	0	0	0	
Haiti	31	38	48	42	42	42	41	41	41	41	41	41	41	41	40	40	39	39	38	38	38	36	32	28	25	19	14	
Honduras	94	90	94	94	94	94	93	90	87	84	81	77	73	68	64	76	60	54	54	52	39	27	16	18	17	12	7	
India	86	86	86	87	87	87	83	85	84	84	84	82	83	84	83	82	81	70	72	65	55	49	43	38	35	26	20	
Indonesia	83	83	83	82	82	82	82	81	80	79	76	74	74	69	68	65	64	47	37	34	32	29	23	21	16	10	6	
Iran (Islamic Republic of)	87	87	79	78	77	76	76	68	74	78	75	74	72	69	68	65	60	57	54	55	56	44	31	0	0	0	0	
Iraq	89	89	88	88	87	86	75	73	70	75	79	81	82	68	69	62	70	46	53	59	47	31	16	4	4	5	4	
Jamaica	72	71	59	52	71	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jordan	86	67	53	46	54	41	44	41	46	52	58	47	48	53	53	51	49	47	64	52	40	52	13	10	7	2	0	
Kenya	74	73	73	73	72	69	68	68	74	61	47	61	62	64	61	57	60	59	51	66	52	36	0	0	0	0	0	
Kuwait	82	81	81	80	79	78	77	73	24	32	36	37	43	53	58	55	51	29	30	18	9	13	28	29	28	28	6	
Lao People's Democratic Republic	52	50	51	54	53	52	58	48	46	45	43	44	40	30	22	16	12	6	7	7	7	4	2	0	0	0	0	

Source: WHO-UNICEF estimates.

# Reference PAB coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Lesotho	72	60	47	41	38	34	31	28	24	21	14	13	12	10	8	5	0	0	0	0	0	0	0	0	0	0	0	
Liberia	72	60	59	56	64	59	51	44	56	60	57	55	52	47	43	38	33	28	24	20	22	18	25	41	48	54	0	
Madagascar	67	66	63	62	61	60	58	54	48	47	47	38	36	33	35	35	45	44	42	37	35	26	20	15	1	0	0	
Malawi	88	86	86	87	85	87	84	84	89	87	80	87	85	82	79	83	81	77	69	50	50	26	28	1	0	0	0	
Malaysia	88	88	87	86	86	87	88	85	81	85	85	84	83	84	85	83	82	81	66	60	56	52	19	23	21	22	20	
Maldives	94	94	94	94	94	95	95	93	91	93	92	92	91	91	90	89	86	69	53	47	28	25	12	20	28	4	8	
Mali	84	84	84	62	61	52	50	43	38	37	36	36	34	36	36	45	45	36	24	10	5	4	3	2	2	1	0	
Mauritania	62	59	62	58	59	51	44	40	40	57	70	45	43	36	40	32	24	24	20	32	23	17	16	16	8	5	0	
Mauritius	85	86	89	79	79	79	79	78	78	78	79	78	78	77	77	69	61	62	71	62	53	18	9	1	1	1	1	
Mexico	87	86	85	88	85	86	83	81	79	77	75	73	71	69	67	64	62	59	56	52	48	36	30	23	17	10	5	
Morocco	85	85	84	85	86	86	86	86	55	53	60	63	80	82	84	76	73	66	63	47	29	0	0	0	0	0	0	
Mozambique	87	77	62	60	64	66	75	69	61	58	60	54	53	41	44	47	46	37	41	33	33	33	49	47	42	36	0	
Myanmar	81	80	78	77	80	86	73	83	76	79	75	39	60	45	34	32	0	0	0	0	0	0	24	21	15	12	6	3
Namibia	83	84	85	84	82	74	64	58	56	34	33	34	33	34	36	36	35	32	37	25	29	18	15	13	8	4	1	
Nepal	94	93	91	89	90	90	91	87	84	80	76	71	65	59	50	45	39	34	32	30	26	21	16	12	7	3	0	
Nicaragua	71	68	64	63	62	60	57	44	63	57	58	57	57	56	49	40	17	14	9	7	5	5	5	5	4	3	0	
Niger	53	53	52	52	51	51	51	51	51	53	53	52	47	50	47	45	61	30	29	22	16	11	10	12	11	10	0	
Nigeria	94	94	94	94	94	94	94	94	94	94	78	80	86	93	89	87	93	89	85	65	42	82	37	31	29	32	35	
Oman	80	81	79	79	79	74	71	70	68	67	65	63	62	62	59	55	50	40	31	32	20	12	8	4	1	1	0	
Pakistan	57	56	47	46	47	45	24	30	31	68	69	60	51	41	51	75	78	62	62	31	21	25	10	21	32	39	45	
Papua New Guinea	81	78	68	61	61	39	47	55	61	67	71	75	79	82	85	67	66	65	65	63	53	42	30	18	11	10	26	
Paraguay	82	81	71	67	66	66	65	64	63	62	56	50	44	38	31	24	19	14	9	6	5	5	5	5	4	4	0	
Peru	64	66	64	60	66	73	72	70	69	67	60	64	56	75	75	63	57	53	45	39	31	28	22	23	17	13	8	
Philippines	82	79	78	77	79	71	81	89	84	79	74	89	80	69	88	86	85	60	55	47	35	28	22	16	10	5	0	
Rwanda	56	53	51	38	35	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Saint Lucia	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Samoa	86	80	79	77	72	66	65	82	54	53	55	54	47	45	41	45	45	38	31	23	14	7	0	0	0	0	0	
Senegal	85	83	82	80	78	66	57	64	66	57	83	76	66	87	86	85	85	83	81	69	54	38	23	20	13	11	8	
Sierra Leone	74	74	78	75	74	75	75	75	75	75	78	81	73	70	76	74	71	65	58	47	29	27	20	0	0	0	0	
Solomon Islands	74	71	68	65	62	59	48	45	60	55	50	45	40	34	29	24	23	23	45	35	26	16	9	6	3	1	0	
Somalia	73	58	55	51	62	66	68	59	48	39	30	29	28	26	23	0	0	0	0	0	0	0	0	0	0	0	0	
South Africa	88	84	82	80	78	69	58	64	71	57	83	76	66	87	86	85	85	83	81	69	54	38	23	20	13	11	8	
Sudan	72	70	69	65	62	63	61	76	71	69	64	76	68	62	64	72	72	30	20	14	7	4	3	2	1	1	0	
Suriname	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	91	89	0	0	0	0	0	0	
Swaziland	86	88	86	85	89	89	91	92	84	81	76	89	79	80	81	84	73	63	0	0	0	0	0	0	0	0	0	
Syrian Arab Republic	93	92	91	92	90	90	90	86	82	79	82	76	75	84	72	69	63	25	14	19	9	8	6	5	3	3	1	
Thailand	88	88	87	86	86	86	85	85	83	82	83	87	84	71	76	74	75	67	60	62	40	41	38	43	39	32	25	
Timor-Leste	63	59	64	59	56	53	62	61	60	59	56	54	53	49	48	45	44	32	24	22	21	19	15	14	11	7	4	
Togo	84	81	78	75	59	60	63	62	51	54	55	52	26	29	27	30	47	44	68	0	0	0	0	0	0	0	0	
Tunisia	89	90	89	87	86	87	86	83	85	80	80	58	56	57	54	42	40	39	37	27	14	8	5	3	3	2	2	
Turkey	67	62	77	53	52	52	52	49	48	47	43	42	43	75	75	75	20	15	11	0	0	0	0	0	0	0	0	
Uganda	88	89	82	78	78	72	70	69	68	72	77	82	83	84	82	50	41	29	22	19	13	12	16	19	19	18	0	
United Republic of Tanzania	87	89	88	88	89	87	84	83	70	55	57	59	56	80	82	53	77	75	65	64	59	51	44	43	41	38	37	
Vanuatu	87	65	78	77	82	87	86	84	76	23	29	33	30	56	54	25	47	20	20	25	19	19	6	6	0	0	0	
Venezuela	52	82	58	48	26	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Viet Nam	88	89	88	87	86	86	86	83	82	86	89	80	76	69	38	21	24	18	5	0	0	0	0	0	0	0	0	
Yemen	61	64	74	71	30	33	30	30	33	30	17	12	15	14	17	7	4	8	4	8	3	3	0	0	0	0	0	
Zambia	90	91	90	89	88	85	78	74	70	66	87	85	75	60	46	73	62	51	44	42	36	0	0	0	0	0	0	
Zimbabwe	80	80	79	78	77	76	75	75	74	78	75	42	69	68	65	60	57	54	54	55	56	44	31	0	0	0	0	





## Reference

## Pol3 coverage: WHO-UNICEF estimates



	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Alghanistan	77	76	66	64	48	45	32	36	37	37	31	20	8	18	21	23	25	33	35	25	11	15	16	5	5	3	3	
Albania	97	97	98	97	98	97	97	97	97	99	99	98	98	98	98	97	82	89	96	96	94	94	92	92	92	92	92	
Algeria	95	88	86	87	86	88	90	92	89	89	88	88	87	88	88	89	89	87	85	79	72	69	30	30	31	31		
Andorra	93	98	99	99	95	95	95	95	90	90																		
Angola	44	46	57	45	42	44	33	22	46	38	33	28	28	28	21	26	23	19	13	16	15	13						
Antigua and Barbuda	99	98	97	99	93	99	96	99	99	99	99	99	99	99	99	97	99	99	99	99	96	99	93	99	86	47	36	
Argentina	92	92	96	98	94	85	88	91	90	92	90	90	85	82	85	86	90	86	90	85	79	73	72	79	48	40	33	
Armenia	87	92	93	96	96	97	96	97	96	96	77	86	86	83	80	78	75	72	95	95	95	94	94	94	68	43	17	
Australia	83	86	83	84	82	83	71	79	87	95	95	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
Azerbaijan	97	97	97	98	99	99	99	99	98	98	97	98	94	94	96													
Bahamas	94	93	92	93	93	93	91	82	88	86	85	86	91	91	92	91	82	82	84	76	81	84	69	65	67	40	35	
Bahrain	98	98	98	97	98	99	97	97	98	98	98	96	95	96	94	94	99	94	96	95	92	90	86	83	79	75	72	
Bangladesh	88	88	88	82	83	85	83	81	82	78	77	69	84	74	67	74	69	49	16	8	4	2	1	1	1	1		
Barbados	85	91	93	90	86	83	86	86	93	96	85	93	91	88	89	84	90	80	73	68	80	88	77	62	63	54	99	
Belarus	97	98	99	99	99	99	99	99	99	99	98	96	92	91	90													
Belgium	97	97	96	96	95	95	96	95	94	94	94	92	93	94	94	93	95	95	95	97	99	97	95	90	90	99	99	
Belize	98	96	95	95	93	96	89	84	87	85	85	83	83	83	89	82	86	71	73	69	81	60	54	61	52	51	21	
Benin	93	93	89	88	72	75	78	71	70	66	67	68	82	75	73	68	74	48	30	25	17	16						
Bhutan	96	95	90	96	89	88	98	89	85	87	86	86	84	82	85	91	96	76	70	63	54	41	27	14	11	11	4	
Bolivia	79	79	79	79	79	79	78	78	78	81	64	60	60	56	54	52	50	51	40	41	42	30	46	11	12	15	14	
Bosnia and Herzegovina	91	95	87	86	86	92	87	90	89	80	74	69	69	45	65													
Bosnia and Herzegovina	97	97	97	97	97	97	97	97	96	95	95	94	93	92	91	91	90	89	89	86	88	85	83	80	77	71	46	
Botswana	99	98	98	99	99	99	99	99	96	89	78	82	71	64	65	67	58	54	57	53	51	52	55	55	51	38	69	
Brazil																												
British Virgin Islands																												
Brunei Darussalam	99	99	92	95	97	98	99	97	98	99	99	99	99	99	99	94	92	91	88	88	86	88	94	90	99	96	89	
Bulgaria	96	97	94	96	94	94	94	97	96	96	95	97	94	97	99	81	99	99	99	99	99	99	99	99	98	99	99	
Burkina Faso	94	94	83	83	69	68	57	34	40	39	37	35	36	39	41	53	66	44	34	23	21	10						
Burundi	64	64	64	64	64	64	64	64	66	66	69	72	73	49	64	81	89	97	86	51	71	56	58	21	35	43	39	
Cambodia	80	82	86	69	54	59	62	52	54	56	48	39	38	36	32	39	38	48	45	57	35	26	18					
Cameroon	78	79	72	72	63	56	49	48	48	47	43	46	42	34	37	46	54	54	51	44	42	35	26	25	15	5		
Canada	94	92	89	88	88	88	88	88	88	88	89	89	89	89	89	88	88	87	87	86								
Cape Verde	72	72	76	79	94	77	86	70	79	77	73	73	87	90	89	88	87	99	85	87	60	39	31	22				
Central African Republic	40	40	40	40	40	40	38	36	47	51	51	51	46	60	45	65	82	61	42	22	19	20	17	16	14	11	13	
Chad	36	36	36	36	31	26	29	33	24	24	20	18	18	12	10	18	20	20	14	13	8	3	4					
Chile	94	92	94	96	97	96	91	95	90	90	91	94	94	90	90	94	95	95	96	93	90	99	99	89	99	99	93	
China	94	87	87	86	86	86	86	86	86	85	84	82	87	90	93	95	98	96	96	78	68	87	84	81	80			
China, Hong Kong SAR																												
China, Hong Kong SAR	86	87	89	91	81	83	78	75	72	76	87	87	87	85	84	91	93	90	94	82	53	62	68	42	27	22	16	
Colombia	69	85	73	75	98	70	70	73	75	48	60	78	58	70	46	55	94	78	44	73	73	53	32					
Comoros	79	65	67	50	41	32	33	29	25	21	47	50	55	60	67	74	80	79	71	71	71	73	59	53	48	42	42	
Congo	99	99	99	99	95	99	92	94	70	95	92	75	93	86	99	87	83	89	94	82	82	91	96	47	57	48	39	
Cook Islands																												
Costa Rica	91	91	90	88	94	92	80	84	85	97	85	86	88	88	91	90	95	86	87	92	87	88	94	86	80	85	86	
Côte d'Ivoire	76	56	50	54	54	57	72	62	61	59	54	46	49	51	49	51	56	42	32	27	22	16	11					
Croatia	96	96	98	95	95	94	94	93	93	92	91	90	87	86	85													
Cuba	99	99	98	98	98	98	99	99	96	97	97	98	95	96	97	99	94	96	98	86	99	88	95	83	97	99	99	
Cyprus	97	98	98	98	98	97	97	97	98	98	98	96	96	95	95	94	94	93	90	93	91	61	31	36	27	44	35	
Czech Republic	98	96	96	97	97	97	98	98	97	97	98	98	98	99														
Czech Republic																												
Czechoslovakia																												
D.P.R., Korea	98	97	99	99	99	99	96	93	87	82	76	82	88	93	99	99	99	99	99	98	98	99	98	88	98	95	95	
Democratic Republic of the Congo	78	73	63	55	45	33	42	21	18	18	18	18	24	27	29	31	16	34	38	41	38	39	34	30	26	22	18	15
Denmark	93	93	95	96	96	99	97	99	99	99	99	99	99	99	99	98	98	99	99	97	94	99	96	98	98	99	98	99
Djibouti	72	71	64	68	62	49	46	24	23	32	41	41	41	41	41	53	85	77	65	25	24	22	21	14	6			
Dominica	88	98	99	99	99	99	99	99	99	97	99	99	99	99	99	94	94	94	97	95	92	89	82	92	73	97	53	

Source: WHO-UNICEF estimates.

# Reference Pol3 coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Dominican Republic	85	83	57	60	63	74	54	71	70	70	70	70	98	82	73	74	90	70	65	79	79	39	99	22	43	42	46	
Ecuador	97	93	93	99	90	92	81	69	83	77	89	69	78	79	86	61	67	64	58	51	44	39	47	32	36	27	19	
Egypt	98	98	97	98	97	99	98	95	95	94	91	90	91	89	89	86	87	90	89	82	89	84	78	67	67	67	67	
El Salvador	96	89	90	83	81	94	98	92	99	96	94	94	89	79	61	61	80	64	63	57	51	54	30	20	42	38	42	
Equatorial Guinea	39	39	39	39	39	39	39	39	81	81	80	79	77	76	76	75	75	15	11	8	4	4						
Eritrea	96	96	93	90	86	83	88	93	84	75	66	58	49	32	14													
Estonia	95	96	95	95	94	94	93	91	88	86	86	80	76	67														
Ethiopia	69	66	65	63	61	59	57	66	74	83	73	65	57	28	13	21	49	26	16	16	7	6	4	4	3	3	3	
Fiji	83	80	76	99	99	99	95	92	88	88	89	99	96	96	98	99	96	99	99	92	73	68	72	81	65	62	55	
Finland	97	97	96	96	95	95	95	95	95	95	99	99	99	99	99	97	90	90	99	97	95	89	84	78	78	90	90	
France	98	98	98	97	97	96	98	98	97	97	97	97	97	97	95	95	95	84	81	89	97	97	97	92	86	80	80	
Gabon	31	31	31	31	31	31	31	31	41	50	60	70	69	67	66	72	78	78	72	65	59	48	67	62	76	70	66	53
Gambia	95	90	90	90	90	87	89	88	95	99	87	98	97	96	94	94	94	92	88	80	67	62	76	70	76	66	66	
Georgia	88	84	86	75	89	83	81	81	81	81	82	82	82	82	82	88												
Germany	96	94	94	94	94	94	94	94	94	95	95	95	95	95	95	80	80	80	80	80	90	85	90	94	95	95	80	
Ghana	84	85	81	80	79	80	83	72	72	72	72	71	71	67	62	60	57	50	45	40	29	18	19	23	25	25	7	
Greece	87	87	87	87	87	87	87	87	91	95	95	95	95	95	95	77	96	96	98	97	97	96	98	97	96	95	90	
Grenada	91	99	84	98	98	96	97	87	95	95	80	77	95	91	90	82	69	86	64	81	92	77	75	72	61	41	32	
Guam			80	79	80																							
Guatemala	81	81	84	83	84	82	85	78	78	73	73	80	73	77	70	69	74	58	58	18	36	42	48	44	45	42	43	
Guinea	70	70	50	49	47	46	44	43	43	46	48	54	53	53	52	37	18	16	16	16	16	16	15	15	15			
Guinea-Bissau	74	80	80	75	50	52	47	42	51	60	54	45	69	63	66	63	60	54	70	55	47	18	4	3				
Guyana	92	93	91	91	93	90	79	83	90	88	83	87	90	92	81	79	79	69	69	77	67	77	41	62	73	37	42	
Haiti	52	52	51	49	48	46	45	43	43	42	42	42	41	39	37	35	40	50	48	28	24	19	13	6	7	3	8	
Honduras	87	91	90	92	95	95	88	95	95	95	94	94	94	95	94	93	87	86	70	61	63	58	73	51	47	37	31	
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	99	99	99	99	99	99	98	98	99	98	98	
Iceland	97	95	99	97	94	91	95	96	98	99	99	99	99	99	94	99	99	99	99	99	99	99	99	97	98	99	99	
India	58	58	58	58	58	58	60	61	62	63	67	71	67	61	56	58	66	55	37	27	16	14	12	10	8	2	2	
Indonesia	70	70	70	70	70	70	67	71	75	79	83	73	72	70	74	79	83	87	91	95	91	86	63	16	16	16	16	
Iran (Islamic Republic of)	99	95	98	99	99	95	99	99	99	99	97	95	95	99	97	88	90	82	88	80	71	63	34	34	74	47	38	
Iraq	63	63	67	71	75	79	83	87	84	80	77	77	78	78	79	80	80	81	72	78	84	90	74	76	79	76	72	
Ireland	91	90	89	86	83	84	86	86	84	76	77	77	77	79	80	80	81	81	91	95	91	86	63	16	16	16	16	
Israel	93	93	93	93	93	92	92	94	96	95	95	96	97	97	96	94	93	93	94	93	93	86	87	88	93	93	85	
Italy	97	97	97	97	96	96	97	97	96	98	98	97	98	98	97	98	98	75	85	81	95	92	90	90				
Jamaica	86	83	81	81	86	91	86	83	85	80	92	91	93	80	74	86	87	84	83	82	74	58	57	47	72	37	34	
Japan	97	97	97	97	97	89	81	99	99	98	97	97	94	91	94	94	90	93	94	95	95	95	95	95	95	95	95	
Jordan	98	95	95	97	95	97	94	97	99	93	96	95	94	91	92	92	92	94	92	89	88	84	81	77	75	81	32	
Kazakhstan	99	99	99	99	95	96	97	99	99	99	98	94	69	69	87													
Kenya	77	70	73	75	72	72	71	73	71	81	87	94	92	89	87	86	84	83	82	77	72	70	57					
Kiribati	86	74	61	79	96	88	90	77	83	93	82	58	81	89	90	76	97	86	62	5	10	15	23	25	40	20	10	
Kuwait	99	99	98	99	99	99	94	94	94	99	99	99	99	99	89	80	71	94	94	93	91	91	89	90	84	79	70	
Kyrgyzstan	93	98	98	98	98	99	99	99	97	99	94	96	84	69	91													
Kyrgyzstan	56	50	46	52	55	57	64	67	69	69	68	64	58	26	27	22	26	22	17	10	6	4	5	7	7	7	7	
Lao People's Democratic Republic																												
Latvia	98	99	99	98	96	96	96	95	94	92	93	98	98	83	95													
Lebanon	92	92	92	92	92	93	90	94	95	92	94	93	93	91	88	86	82	78	62	46	30	17	4	6	9	4	0	
Lesotho	80	80	80	80	79	78	81	84	85	86	87	88	87	86	84	83	82	81	79	78	79	80	72	64	59	54	56	
Liberia	87	77	33	39	50	61	59																					
Libyan Arab Jamahiriya	98	98	97	95	93	94	94	94	95	96	96	95	95	96	90	87	84	87	84	82	82	81	81	79	72	67	60	
Lithuania	94	93	90	91	97	97	92	88	88	95	93	89	88	86	88													
Luxembourg	99	99	99	98	98	98	98	98	98	98	98	96	94	92	90	90	90	90	90	90	90	90	90	90	90	90	90	
Madagascar	63	63	63	63	62	61	59	58	48	48	48	48	48	48	64	64	46	42	41	34	28	21	13	11	8	8	8	
Malawi	99	94	85	79	86	73	77	93	94	94	82	90	84	91	98	96	93	90	72	78	53	55	56	56	58	57	28	
Malaysia	96	94	95	93	95	97	95	93	93	94	94	94	94	91	91	91	90	84	67	68	62	56	55	55	66	69	67	
Maldives	98	98	96	96	98	96	97	98	97	97	96	97	97	97	98	98	94	91	86	42	42	28	24	13	1	1	4	





Reference

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	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Mali	83	84	72	65	60	51	39	43	48	52	53	49	39	46	38	34	42	26	18	8	6	8						
Malta	83	94	55	94	95	94	93	93	92	92	92	92	78	83	81	86	86	88	79	87	73	84	90	85	80	75		
Marshall Islands	95	88	68	80	80	73	36	86	86	71	71	64	62	52	62	71	89	63	37	33								
Mauritania	68	71	68	75	82	58	44	26	16	28	28	50	44	39	28	33	28	29	21	10	11	16	21	20	19	18		
Mauritius	98	97	98	83	88	93	88	85	90	90	90	93	89	89	88	91	86	86	87	96	97	91	87	91	96	83	90	
Mexico	98	98	98	83	92	90	88	89	85	95	95	92	92	84	91	87	66	96	95	97	96	67	99	88	99	99	91	
Micronesia (Federated States of)	81	94	82	88	84	79	85	76	79	75	78	81	81	79	79	78	85	78	71	56								
Monaco	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99									
Mongolia	98	99	95	94	93	92	92	92	94	93	90	86	77	79	79	78	87	87	87	86	86	86	86	86	86	86	86	
Montenegro	90																											
Montserrat				99																								
Morocco	97	98	97	91	94	93	95	91	93	95	95	90	87	86	87	82	81	80	82	82	63	51	45	41	32			
Mozambique	70	70	70	70	70	66	65	63	60	58	55	57	55	49	50	46	46	47	38	38	32	25	32	38	43	32		
Myanmar	82	73	82	77	78	73	86	88	90	90	87	84	77	73	71	66	88	45	22	10	4	3	2	3	1			
Nannbia	74	86	81	82	78	64	80	72	74	69	71	73	80	79	70	59	59											
Nauru	45	80	73	66	59	99	27	64	72	36	46	56	60	63	67	70	74	70	67	55	59	73	52					
Nepal	91	78	80	76	72	72	72	73	77	70	60	50	54	51	48	45	42	42	43	43	34	20	6	4	3	1		
Netherlands	98	98	98	98	97	97	97	97	97	97	97	97	97	97	98	97	97	97	97	97	97	97	97	97	97	96	96	
New Zealand	89	89	87	86	84	82	82	85	82	99	94	87	84	76	68	68	90	83	75	74	84	84	84	72				
Nicaragua	88	87	80	86	85	85	85	84	83	83	83	83	84	84	84	83	87	85	83	92	85	84	77	82	70	24	21	
Niger	55	55	50	45	41	36	31	40	25	23	23	23	20	20	19	22	13	9	7	5	4	5	5	6	6			
Nigeria	61	61	54	46	39	32	26	19	25	25	26	31	45	28	38	42	55	47	36	28	21	16	8					
Niue	99	86	99	95	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	81	62	43	55	67	79	76		
Norway	93	91	92	92	93	91	91	91	91	91	92	92	93	92	98	93	84	84	84	80	84	90	90	90	90			
Omam	98	99	99	99	99	99	99	99	99	99	99	99	99	97	97	95	98	98	90	89	82	60	45	31	24	19	18	
Oman	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	91
Pakistan	83	81	65	69	71	63	61	60	58	52	46	58	39	37	42	50	54	40	38	36	34	30	23	15	5	3	2	
Palau	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	99	99	99	98							
Panama	99	86	99	83	85	95	99	96	99	99	92	86	83	83	77	82	86	72	73	75	70	71	61	60	61	75	44	
Papua New Guinea	75	50	49	53	47	32	47	48	48	35	58	68	60	56	57	68	68	52	48	46	42	34	32	27	27	32	29	
Paraguay	72	74	75	73	74	77	60	61	68	69	68	68	70	66	73	68	64	59	70	81	90	99	68	47	39	26	14	
Peru	95	85	91	95	95	90	89	92	91	91	93	89	87	88	85	74	73	60	61	45	50	47	28	22	23	20	16	
Philippines	88	88	80	80	80	76	77	79	81	82	74	67	71	74	78	90	88	85	78	73	65	58	56	55	51	46	50	
Poland	99	99	99	99	98	98	98	98	98	98	98	97	96	95	94	94	96	96	96	96	96	94	95	94	95	95	96	
Portugal	93	93	95	96	96	96	96	96	96	93	95	96	96	92	93	95	89	88	81	81	78	29	21	20	18	16	18	
Qatar	95	98	95	93	96	93	91	92	94	92	92	92	91	90	88	86	82	81	69	86	70	71	60	49	37	43	61	
Republic of Korea	98	96	90	94	99	98	99	99	85	71	81	91	99	93	88	84	79	74	88	91	93	80	80	80	78	70	62	
Republic of Moldova	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
Romania	97	97	97	97	98	99	99	98	98	97	97	94	94	91	92	90	92	95	92	90	90	92						
Russian Federation	99	98	98	97	97	97	97	97	97	94	87	77	68	82	69													
Rwanda	99	95	89	96	85	76	90	85	85	73	89	84	23	83	86	90	83	93	78	86	86	56	41	25	20	15		
Saint Kitts and Nevis	99	99	96	89	97	98	99	99	98	99	98	98	99	99	99	99	99	99	93	98	99	89	97	91	93	71	76	
Saint Lucia	85	95	91	91	90	96	70	89	88	98	88	98	93	97	96	95	90	93	87	86	88	44	84	80	81	65	58	
Saint Vincent and the Grenadines	99	93	99	99	99	99	99	99	99	99	99	97	98	99	99	99	92	97	97	96	95	89	90	84	99	33	26	
Samoa	57	73	41	95	92	92	99	98	99	99	95	94	93	92	91	79	88	66	90	93	94	92	96	89	87	66	29	
San Marino	95	95	98	96	96	96	96	96	97	97	97	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Sao Tome and Principe	97	97	99	94	92	87	87	79	72	73	68	79	69	60	67	87	90	62	72	72	66	48	48	48	48	48	48	
Saudi Arabia	96	96	96	95	95	97	94	93	94	92	93	96	95	94	91	91	92	94	89	87	85	83	81	68	63	52	50	
Senegal	89	84	87	73	60	49	60	60	60	65	70	58	57	58	59	51	53	56	58	56	55							
Serbia	97	98	96	89	95	93	98	92	93	94	91	90	84	83	84	81	81	90	92	90	89	90	89	85	90	95		
Seychelles	99	99	99	99	96	99	98	99	99	98	99	98	99	97	96	98	99	99	97	94	89	94	86	95	98	57	16	
Sierra Leone	64	64	61	60	52	38	46	61																				
Singapore	95	96	95	96	94	95	98	97	97	98	97	98	94	92	92	91	85	90	90	95	94	81	81	86	83	88	83	
Slovakia	99	99	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
Slovenia	97	96	94	88	93	93	93	93	90	92	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	

## Reference Pol3 coverage: WHO-UNICEF estimates

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	
Solomon Islands	91	74	75	72	68	80	82	84	69	70	88	69	65	71	73	74	75	66	63	41	41	36	41	27	22	34	43	
Somalia	35	35	30	40	40	33	37	40	24	19	21	22	23	21	20	18	18	18	26	25	17	22	11	5	5	2	8	
South Africa	99	97	89	84	84	80	76	72	73	73	73	72	73	81	79	82	76	73	70	75	70	77	76	80				
Spain	98	96	97	99	98	95	95	95	94	94	91	88	88	88	85	88	94	94	94	82	75	73	91					
Sri Lanka	98	99	97	88	98	98	99	99	94	98	82	92	89	90	88	86	86	88	85	79	75	71	65	64	56	45	46	
Sudan	77	78	74	69	60	66	62	48	48	55	56	48	46	51	53	62	62	61	41	27	14	8	4	3	2	1	1	
Suriname	84	84	84	80	74	65	70	84	90	81	79	81	71	75	71	77	81	71	64	70	80	84	79	83	53	22	20	
Swaziland	67	71	82	79	76	76	76	75	80	86	81	81	96	86	93	79	89	89	89	74	72	59	49	43	39	22		
Sweden	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Switzerland	94	94	95	95	95	95	92	92	92	92	95	95	95	95	95	95	98	98	95	97	98							
Syrian Arab Republic	99	99	99	99	99	95	97	97	97	95	96	92	89	90	89	89	91	94	59	42	86	29	25	21	15	14	13	
Tajikistan	81	82	82	84	85	85	86	84	82	80	77	69	80	65	61													
Thailand	98	98	98	98	97	97	97	97	95	94	96	93	93	89	84	90	92	84	80	71	66	61	56	46	39	31	19	
T.F.Y.R. Macedonia	92	98	95	96	97	91	96	95	94	97	94	95	91															
Timor-Leste	66	55	57	57	43																							
Togo	87	80	71	72	58	60	63	57	52	47	53	59	62	66	69	73	76	72	54	60	35	23	11	10	10	9		
Tonga	99	99	99	98	90	95	95	94	97	96	99	93	90	96	99	92	93	93	92	87	73	81	46	57	80	37	20	
Trinidad and Tobago	89	95	94	91	96	91	90	90	91	91	90	90	85	78	87	81	87	77	83	80	71	74	66	61	59	55	38	
Tunisia	99	98	97	95	96	98	97	96	97	96	95	94	93	94	95	93	93	93	91	84	72	70	66	62				
Turkey	90	90	85	69	78	88	85	79	81	79	73	67	91	76	77	72	84	79	86	86	45	55	57	59	61	69	63	
Turkmenistan	98	99	98	66	99	94	98	98	99	99	98	96	94	92	91													
Tuvalu	97	99	98	93	98	96	82	84	78	80	92	85	95	86	86	71	84	66	91	59	73	97	74	83	79	44	23	
Uganda	81	83	86	82	73	62	57	55	54	55	57	58	59	56	52	49	45	42	38	30	21	13	12	11	9	8		
Ukraine	99	95	99	99	99	99	99	98	98	99	99	97	96	91	89													
Union of Soviet Socialist Republics																												
United Arab Emirates	94	94	94	94	94	94	94	94	94	94	92	90	90	90	86	85	85	85	76	78	80	99	90	80	82	95	95	
United Kingdom	92	91	91	91	91	94	92	95	95	96	96	96	95	95	95	93	92	89	87	87	85	77	74	59	50	46	45	11
United Republic of Tanzania	91	91	95	97	91	62	64	74	79	79	80	79	83	78	82	81	78	66	82	80	73	64	47	49	48	46	57	
United States of America	92	92	92	91	90	90	90	90	91	91	91	88	84	79	72	78	85	91	97	97	97	96	97	97	97	96	95	
Uruguay	95	96	95	91	95	94	92	93	91	91	91	91	91	92	93	96	97	88	82	85	64	58	80	77	72	60	59	
Uzbekistan	94	99	99	99	99	99	96	99	99	97	97	79	79	51	85													
Vanuatu	85	56	55	53	53	87	87	87	87	87	68	74	74	87	78	82	78	70	58	53	31	27	27	18	17			
Venezuela	73	80	83	86	81	87	86	86	62	76	73	85	73	72	73	74	72	67	74	61	64	59	59	77	76	75	95	
Viet Nam	94	94	96	96	92	96	96	93	94	95	94	94	94	91	89	88	88	70	54	45	45	62	5	2				
West Bank and Gaza	96	99	96	98	97	97	93	89	98	96	97	96	99	94														
Yemen	85	87	78	66	69	76	76	72	68	51	47	44	33	54	50	47	84	56	36	20	13	10	7	5	4	3	1	
Zambia	80	80	80	80	80	80	79	80	81	82	83	84	90	87	83	80	90	81	81	81	74	61	50	46	46	46	3	1
Zimbabwe	90	90	85	80	75	75	70	81	81	86	90	88	87	85	86	88	89	88	87	86	82	63	61	53	46	38		





The World Health Organization has managed cooperation with its Member States and provided technical support in the field of vaccine-preventable diseases since 1975. In 2003, the office carrying out this function was renamed the WHO Department of Immunization, Vaccines and Biologicals.

The Department's goal is the achievement of a world in which all people at risk are protected against vaccine-preventable diseases. Work towards this goal can be visualized as occurring along a continuum. The range of activities spans from research, development and evaluation of vaccines to implementation and evaluation of immunization programmes in countries.

WHO facilitates and coordinates research and development on new vaccines and immunization-related technologies for viral, bacterial and parasitic diseases. Existing life-saving vaccines are further improved and new vaccines targeted at public health crises, such as HIV/AIDS and SARS, are discovered and tested (*Initiative for Vaccine Research*).

The quality and safety of vaccines and other biological medicines is ensured through the development and establishment of global norms and standards (*Quality Assurance and Safety of Biologicals*).

The evaluation of the impact of vaccine-preventable diseases informs decisions to introduce new vaccines. Optimal strategies and activities for reducing morbidity and mortality through the use of vaccines are implemented (*Vaccine Assessment and Monitoring*).

Efforts are directed towards reducing financial and technical barriers to the introduction of new and established vaccines and immunization-related technologies (*Access to Technologies*).

Under the guidance of its Member States, WHO, in conjunction with outside world experts, develops and promotes policies and strategies to maximize the use and delivery of vaccines of public health importance. Countries are supported so that they acquire the technical and managerial skills, competence and infrastructure needed to achieve disease control and/or elimination and eradication objectives (*Expanded Programme on Immunization*).

## Department of Immunization, Vaccines and Biologicals

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