

WHO/V&B/03.20
ORIGINAL: ENGLISH

WHO vaccine-preventable diseases: monitoring system

2003 global summary



Vaccines and Biologicals

World Health Organization

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**The Department of Vaccines and Biologicals
thanks the donors whose unspecified financial support
has made the production of this document possible.**

This document was produced by the
Vaccine Assessment and Monitoring team
of the Department of Vaccines and Biologicals

*Ordering code: WHO/V&B/03.20
Printed: December 2003*

This document is available on the Internet at:

www.who.int/vaccines-documents/

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Definitions and notes

List of acronyms

AFR	Member States belonging to the WHO Africa 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
BCG	bacille Calmette–Guérin; vaccine against tuberculosis
CBAW	childbearing aged women
DHS	Demographic and Health Survey
Dip	diphtheria vaccine
DT	diphtheria and tetanus toxoid
DTaP	diphtheria and tetanus toxoid with acellular pertussis vaccine
DTP	diphtheria–tetanus–pertussis vaccine
DTP3	third dose of diphtheria–tetanus–pertussis vaccine
DTPHep	Tetravalent diphtheria and tetanus toxoid with pertussis and HepB vaccine
DTPHepIPV	pentavalent diphtheria and tetanus toxoid with pertussis, HepB and IPV vaccine
DTPHib	tetravalent diphtheria and tetanus toxoid with pertussis and Hib vaccine
DTPHibHep	pentavalent diphtheria and tetanus toxoid with pertussis, Hib and HepB vaccine
DTPHibHepIPV	hexavalent diphtheria, tetanus toxoid with pertussis, Hib, hepatitis B and IPV vaccine
DTPHibIPV	pentavalent diphtheria and tetanus toxoid with pertussis, Hib and IPV vaccine
DTPHH	diphtheria and tetanus toxoid with pertussis, hepatitis B, and <i>Haemophilus influenzae</i> type b 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 30 cluster survey
EUR	Member States belonging to the WHO European Region
EURO	WHO Regional Office for Europe
GAVI	Global Alliance for Vaccines and Immunization
GNP	gross national product
GDP	gross domestic product
HbsAg	hepatitis B surface antigen
HBV	hepatitis B virus
HepB	hepatitis B vaccine
HepB3	third dose of hepatitis B vaccine
Hib	<i>Haemophilus influenzae</i> type b
Hib3	third dose of <i>Haemophilus influenzae</i> type b vaccine
IPV	inactivated polio vaccine
JapEnc	japanese encephalitis
MCV	measles-containing vaccine
MenC conj	meningococcal C conjugate vaccine
MICS	Multiple Indicator Cluster Survey
MM	measles and mumps vaccine
MMR	measles, mumps, and rubella vaccine
MR	measles and rubella vaccine
NT	neonatal tetanus
OPV3	third dose of 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
Td	tetanus toxoid with reduced amount of diphtheria toxoid
TT	tetanus toxoid
TT2plus	second and subsequent doses of tetanus toxoid
UNICEF	United Nations Children's Fund
V&B	WHO's Department of Vaccines and Biologicals
VAD1	first dose of vitamin A supplement
VAM	Vaccine Assessment and Monitoring, V&B
VF	Vaccine Fund
VPD	vaccine-preventable diseases
WHO	World Health Organization
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, Cote 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, Cyprus, 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



Definitions and notes



European Region	Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, San Marino, Serbia and Montenegro, 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

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Definitions and notes



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Introduction

The data that appear in this 2003 global summary are based on data reported by WHO Member States. The global summary is updated annually and includes immunization data collected from 1980 to 2002. In an effort to strengthen collaboration and minimize the reporting burden, WHO and UNICEF jointly collect information through a standard form sent to all Member States. The content of the Joint Reporting Form was developed through a consensus process among staff from UNICEF, WHO, and selected ministries of health. Information 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), immunization schedules, as well as indicators of immunization system performances.

This global summary is divided into **two sections**: (1) **global and regional summaries** of reported incidence of VPDs and immunization coverage, pp 2; and (2) a **reference section**, consisting of four parts: a) the *global and regional profiles* divided by WHO regions and development status (R-28–R-41); b) individual *country profiles*, including selected demographic and economic indicators, time series of VPD incidence and immunization coverage, and nationally recommended immunization schedule, pp R-44–R-235; c) *core indicators of immunization system performances* pp R-236–R-247 and d) *time series* of reported disease incidence and immunization coverage for all countries pp R-248–R-362.

This 2003 global summary is available on the internet (<http://www.who.int/vaccines-surveillance/DataDown.htm>) and may be downloaded in pdf format, and 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 actually more comprehensive than the one described in this book and consists of all Joint Reporting Form indicators.

We are grateful to the national staff in all countries and to WHO and UNICEF headquarters, regional and country staff who contributed to this report.



WHO/UNICEF estimates of national immunization coverage, 1980–2002

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 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 one 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.

An accurate historical representation of immunization coverage is important to assess trends in immunization systems 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 1980–1999 to determine the most likely true level of immunization coverage. We have 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 have consulted with local experts – primarily national 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 have attempted to determine the most likely true level of immunization coverage. Estimates of national immunization coverage were made for BCG, the third dose of diphtheria and tetanus toxoid and pertussis vaccine, the third dose of polio vaccine – either oral polio vaccine or inactivated polio vaccine – the first dose of measles vaccine and the third dose of hepatitis B vaccine. The retrospective review, completed in October 2001, has been continued and estimates of national immunization coverage are available from 1980–2002.

Data; sources and biases:

For this review we have relied on the following data.

1. officially reported data by Member States to WHO;
2. the historical database maintained by UNICEF;
3. the published literature – primarily coverage survey results and methods; and
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. These 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, focus programme activities and 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, designed specifically for measuring immunization coverage, simple to administer, 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 longer and more difficult to administer.

Each of the above method has advantages and disadvantages. The administrative method provides information on a more timely basis and makes use of data routinely recorded. 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. Consider 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. Suppose data from one area is 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, 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 an 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 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 results 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 populations.

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. Surveys principle disadvantage 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 compromised and present a misleading view of immunization coverage. While the estimates are not the results of a formal modelling exercise we have 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 sources, 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 on data only 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 a 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 results 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%.

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. Request 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 time of the two 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 made based on an appraisal of individual data points, patterns and trends in the data, and information on local circumstances effecting 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 www.who.int/vaccines-surveillance/WHOUNICEF_Coverage_Review

and

www.childinfo.org/eddb/immuni/database.htm

and may be freely reproduced.



Estimating global and regional vaccine coverage

Estimation of global and regional vaccine coverage is based on reports from countries and territories. 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 years following the last report will remain at the same level as was last reported.

Statistical estimates of coverage are used only when the 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 2002 revision Population Division, Department of Economic and Social Affairs, United Nations, New York, 2003. The formula for aggregating coverage for a region (and globally) is:

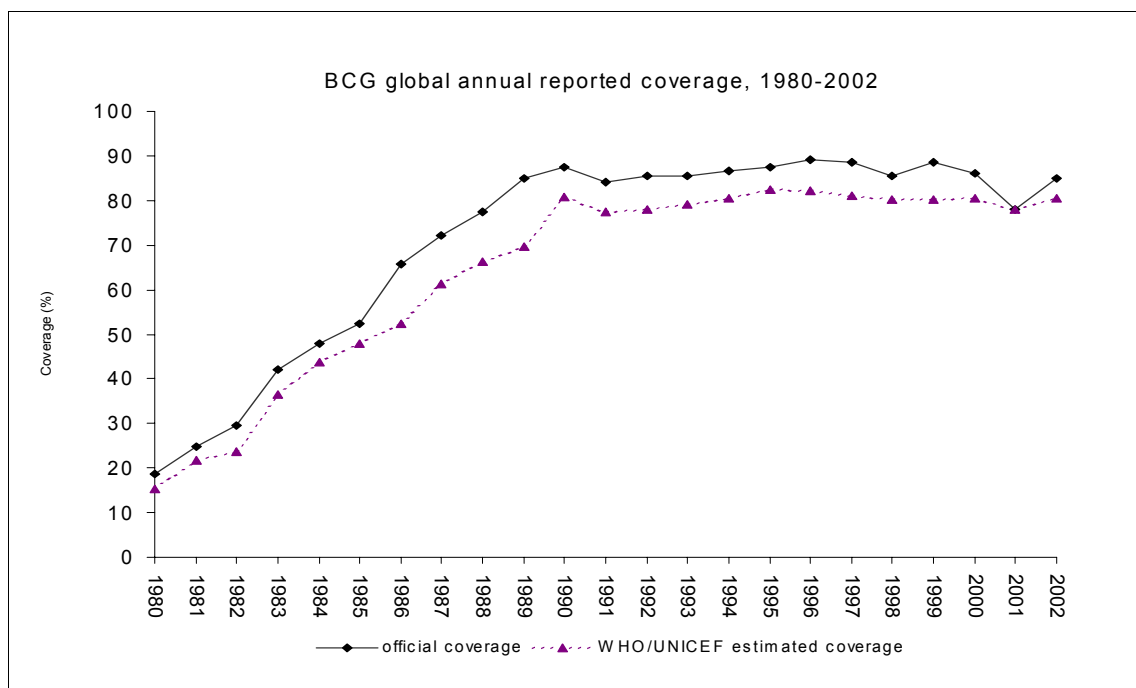
$$\% \text{ Coverage} = \frac{\sum (\% \text{ reported or estimated coverage}) (\text{size of target population})}{\sum (\text{size of target population})}$$

For hepatitis B vaccine, DTP3, 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. Countries classified as least developing, developing or economies in transition are included in the TT2+ global and regional coverage estimates. The size of the target population for BCG is the national annual number of births in countries that recommend BCG. For yellow fever only those countries at risk for yellow fever are included in the yellow fever global and regional coverage summaries



BCG.....	8
Diphtheria.....	10
Hepatitis.....	12
Measles.....	14
Neonatal tetanus.....	16
Pertussis.....	18
Poliomyelitis.....	20
Total tetanus.....	22
Yellow fever.....	24

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 methods description starts on page 2). In all, 161 Member States have BCG in their vaccination schedule and are expected to report. The table shows the number of countries providing data to WHO (labeled "N° countries") and the proportion of the world's population represented by the reporting countries (labeled "% 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 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 the infant population, 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 in 2002. This is mainly because of China where the official estimates are higher. From 2001 to 2002, a number of regions have improved their coverage including AFR. 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.



Global and regional summary

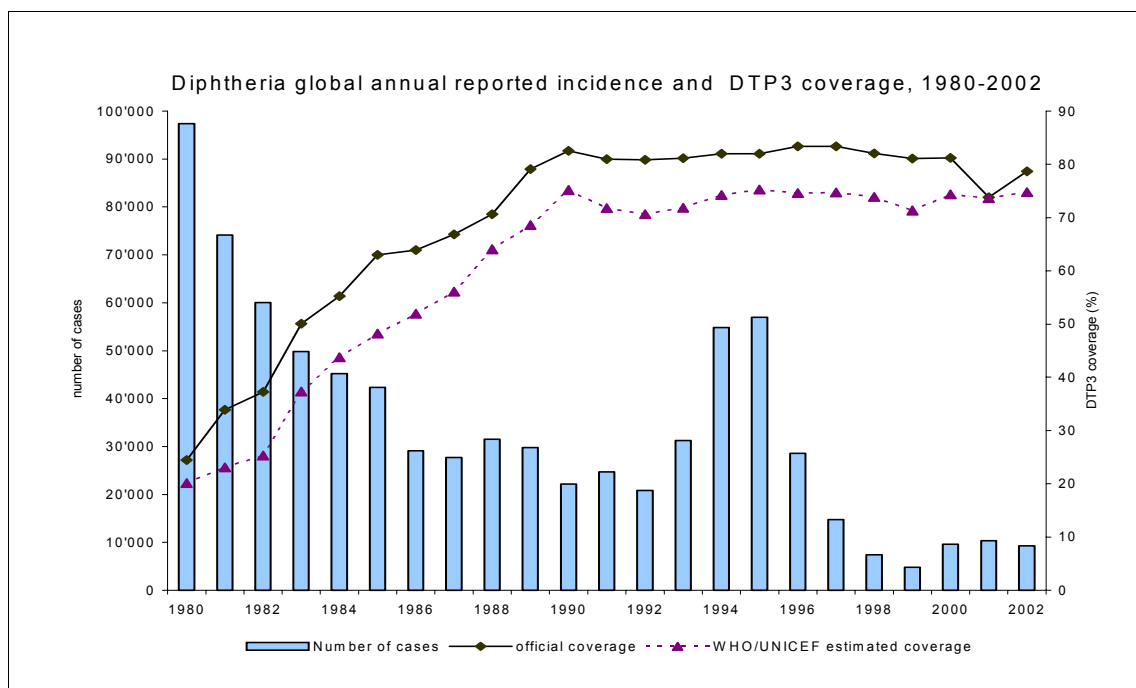


Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), BCG < 1 year of age: 1980, 1990, 1993–2002

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	12	71	61	65	69	66	65	61	64	66	67	74 (45)
	10	75	66	70	68	65	67	67	67	73	72	74
AMR	54	80	93	89	96	96	95	93	95	93	91	95 (21)
	50	79	92	94	96	96	96	95	96	96	95	95
EMR	24	87	84	80	78	88	86	88	90	87	87	84 (16)
	18	83	80	77	78	74	75	77	78	77	77	78
EUR	19	72	80	85	85	87	88	90	91	91	90	90 (30)
	19	84	79	82	90	90	90	91	92	92	92	89
SEAR	18	96	95	97	97	98	99	92	98	97	78	83 (11)
	12	71	73	75	82	81	77	75	74	77	76	82
WPR	7	96	92	93	92	96	95	94	95	85	75	95 (20)
	6	96	92	93	91	95	95	94	94	85	76	79
Global	19	88	86	87	87	89	89	86	89	86	78	85
	15	81	79	80	82	82	81	80	80	80	78	81
% population	56	98	98	98	98	99	98	96	91	98	95	98
N° countries	75	127	148	146	152	149	153	141	145	143	152	143

Numbers in parenthesis (last column) indicate the number of countries reporting in 2002. The expected number of reporting countries is 46 for AFR, 27 for AMR, 17 for EMR, 37 for EUR, 11 for SEAR and 23 for WPR.

Diphtheria



The data in the graph and the tables on the next pages represent global and regional summaries using official data reported from Member States to WHO and WHO-UNICEF estimated coverage (estimation methods description starts on page 2). In all, 192 Member States are expected to report. The table shows the number of countries providing data to WHO (labeled "N° countries", which includes countries reporting zero case) and the proportion of the world's population represented by the reporting countries (labeled "% 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 the infant population, 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 in 2002. This is mainly because of China where the official estimates are higher. From 2001 to 2002, a number of regions have improved their coverage including AFR. 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 (% of districts achieving various levels of DTP3 coverage).

Diphtheria incidence is affected by DTP3 coverage and booster doses using D1 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 apparent rise in cases in Nepal in the mid-1990s is due to surveillance changes. The increase 2001–02 in EMR is mainly due to high reported number of cases in Afghanistan (from no report in 2001 to 854 in 2002). The decrease in AFR is mainly due to Nigeria (from 2468 in 2001 to 790 in 2002).

Worldwide annual deaths from diphtheria (2001) were estimated by WHO at 5000, out of which 4000 occurred among children under five.



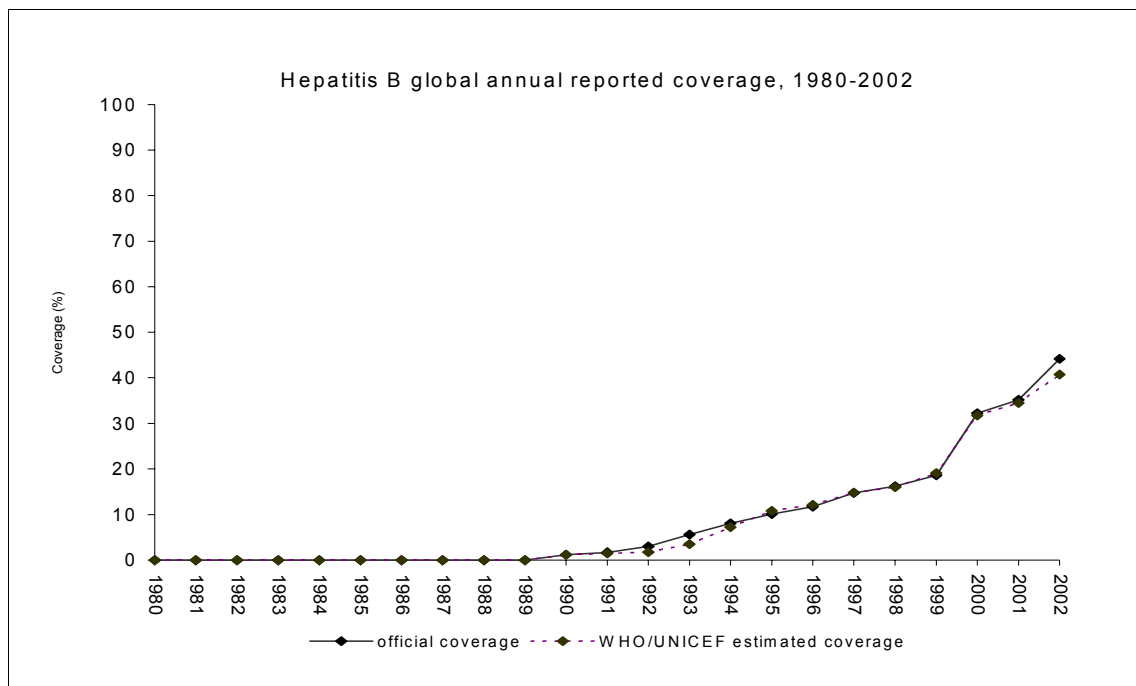
Regional and global summaries of diphtheria incidence (number of reported cases): 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	8 771	2 588	2 357	1 439	229	2 282	117	931	226	4 038	2 587	941
AMR	5 833	826	350	877	367	222	94	278	122	113	70	170
EMR	19 970	3 604	405	312	295	522	423	399	494	175	96	924
EUR	271	1 471	19 601	47 874	50 433	20 414	7 179	2 779	1 614	1 585	1 386	1 189
SEAR	47 354	11 582	7 835	3 501	5 087	4 671	6 549	2 091	2 170	3 439	5 674	5 754
WPR	15 228	2 062	694	813	554	511	405	963	184	244	543	257
Global	97 427	22 133	31 242	54 816	56 965	28 622	14 767	7 441	4 810	9 594	10 356	9 235
N° countries	156	165	147	144	155	156	163	152	148	151	154	156

Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), DTP3 < 1 year of age: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	6	55	49	53	56	52	53	49	52	55	56	60
	5	58	51	55	54	52	55	49	47	54	54	56
AMR	51	76	82	84	88	87	87	89	91	89	89	91
	50	74	81	84	87	85	86	88	90	89	89	90
EMR	23	80	77	73	73	80	79	81	82	80	80	77
	63	80	84	89	87	89	91	93	93	94	95	93
EUR	15	79	85	88	87	91	91	93	94	94	95	93
	7	69	64	69	71	69	67	65	62	69	69	73
SEAR	37	93	91	92	90	92	93	88	89	88	67	72
	9	93	91	90	89	92	92	93	84	85	81	79
WPR	11	93	92	91	90	94	93	94	85	85	78	94
	20	75	72	74	75	75	75	74	71	74	74	75
Global	24	83	81	82	82	83	83	82	81	81	74	79
	20	75	72	74	75	75	75	74	71	74	74	75
% population	52	95	98	97	99	99	98	94	89	97	94	93
N° countries	93	156	173	171	182	177	182	161	160	167	173	158

Hepatitis



The data in the graph and table on the preceding page represent global and regional summaries using official data reported from Member States to WHO and WHO–UNICEF estimated coverage (estimation methods description starts on page 2). In all, 191 Member States are expected to report. The table shows the number of countries providing data to WHO (labeled "N° countries", which includes countries reporting zero case) and the proportion of the world's population represented by the reporting countries (labeled "% population"). Imputation procedures described above were used to complete missing coverage values. 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. By the end of 2002, 141 (73% of Member States) had introduced hepatitis B into their routine immunization services, yet only 92 (65% of them) had reported HepB3 coverage data to WHO, 18 (82%) of 22 in AFR, 12 (41%) of 29 in AMR, 14 (78%) of 18 in EMR, 26 (72%) of 36 in EUR, 4 (40%) of 10 in SEAR, and 18 (69%) of 26 in WPR. The 2001-2002 increase in WPR and at global level was mainly due to China whose official estimates were respectively 65 and 96%. WHO-UNICEF coverage estimates show a lesser increase.

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). Worldwide annual deaths from hepatitis B infection (2001) were estimated by WHO at 521 000, out of which 518 000 occurred among over five years of age.



Global and regional summary

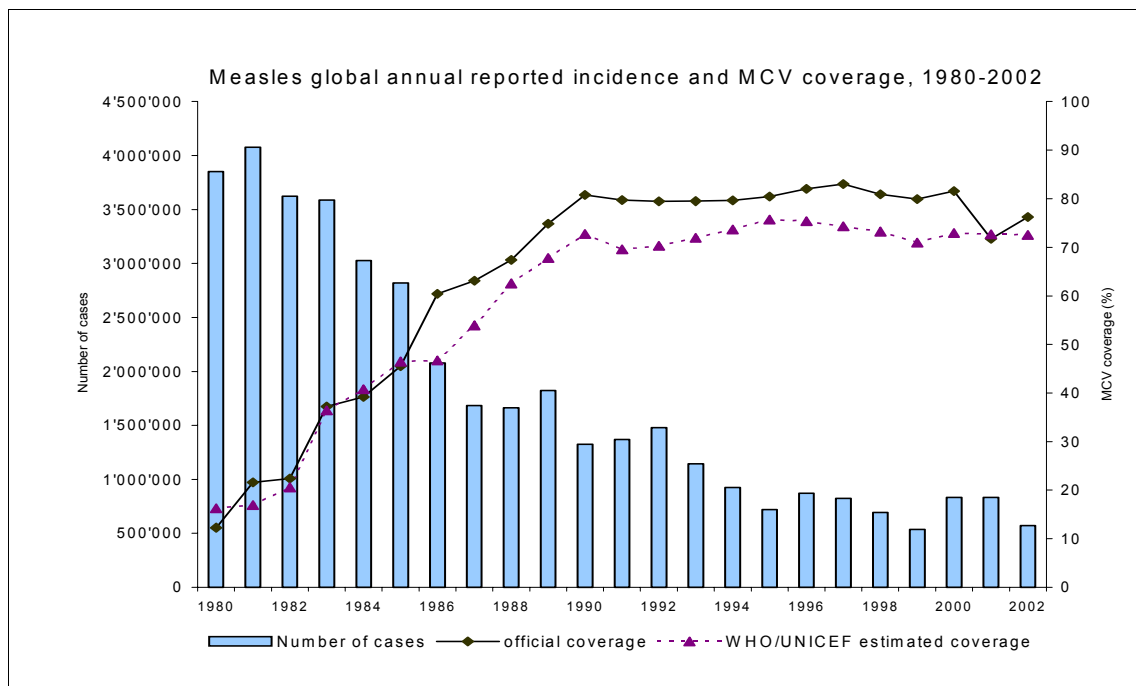


Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%),
HepB3 < 1 year of age: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	0 <i>18</i>	0 <i>71</i>	0 <i>63</i>	0 <i>61</i>	0 <i>69</i>	1 <i>66</i>	1 <i>68</i>	1 <i>71</i>	1 <i>72</i>	6 <i>73</i>	5 <i>75</i>	25 <i>74</i>
AMR	0 <i>0</i>	0 <i>0</i>	4 <i>5</i>	11 <i>12</i>	18 <i>19</i>	22 <i>22</i>	33 <i>31</i>	37 <i>34</i>	52 <i>50</i>	72 <i>68</i>	76 <i>72</i>	74 <i>71</i>
EMR	0 <i>0</i>	3 <i>3</i>	15 <i>7</i>	29 <i>26</i>	30 <i>31</i>	31 <i>30</i>	35 <i>34</i>	31 <i>31</i>	35 <i>35</i>	38 <i>38</i>	41 <i>41</i>	43 <i>43</i>
EUR	0 <i>0</i>	4 <i>4</i>	10 <i>6</i>	10 <i>7</i>	11 <i>8</i>	17 <i>15</i>	23 <i>23</i>	24 <i>24</i>	25 <i>25</i>	41 <i>36</i>	46 <i>43</i>	62 <i>60</i>
SEAR	0 <i>0</i>	0 <i>0</i>	7 <i>3</i>	7 <i>6</i>	9 <i>9</i>	10 <i>10</i>	11 <i>11</i>	12 <i>11</i>	12 <i>12</i>	11 <i>11</i>	10 <i>10</i>	12 <i>11</i>
WPR	0 <i>0</i>	2 <i>2</i>	2 <i>2</i>	2 <i>3</i>	5 <i>8</i>	5 <i>8</i>	7 <i>7</i>	11 <i>11</i>	11 <i>12</i>	55 <i>57</i>	65 <i>65</i>	82 <i>70</i>
Global	0 <i>0</i>	1 <i>1</i>	6 <i>3</i>	8 <i>7</i>	10 <i>11</i>	12 <i>12</i>	15 <i>15</i>	16 <i>16</i>	19 <i>19</i>	32 <i>32</i>	35 <i>35</i>	44 <i>41</i>
% population	0	2	12	14	14	13	20	21	23	44	45	49
N° countries	0	10	36	37	44	41	60	63	72	83	94	92



Measles



The data in the graph and tables on the following pages represent global and regional summaries using official data reported from Member States to WHO and WHO-UNICEF estimated coverage (estimation methods description starts on page 2). In all, 192 Member States are expected to report. The table shows the number of countries providing data to WHO (labeled "N" countries", which includes countries reporting zero case) and the proportion of the world's population represented by the reporting countries (labeled "% 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 the infant population, had a significant impact on the global figure. The decline is less pronounced in the WHO-UNICEF estimates and the two figures converged. The reported figures and the WHO-UNICEF estimates differ again in 2002. This is mainly because of China where the official estimates are higher. From 2001 to 2002, a number of regions have improved their coverage including AFR. Measles coverage data shown in the graph reflect only the first dose given through routine immunization services. 164 countries (85%) 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 % of districts achieving at least 90% measles coverage.

Reported measles incidence is affected by variations in case definitions, reporting artifacts, surveillance performance, and measles outbreaks. Generally, reported cases substantially underestimate the true measles burden. Worldwide annual deaths from measles (2001) were estimated by WHO at 745 000, out of which 554 000 occurred among under five years of age. As better surveillance data become available, these estimates will be revised. China accounts for most of the decrease in WPR between 2001-02 (from 98 902 to 58 341). Nigeria reported 168 107 in 2001 and only 42 007 in 2002. A number of other African countries reported less number of cases between these two years: Kenya (from 11 304 to 766), Cameroon (from 23 934 to 1 448), Niger (from 61 208 to 31 584) and Senegal (from 24 789 to 14 480) reported the most significant drop. The decrease in EUR between 2001-02 is mainly due to Ukraine (from 16970 to 7587 reported cases) and Germany (6024 to no report). Venezuela (115 to 2392) accounts for most of the increase in AMR from 2001 to 2002.



Global and regional summary



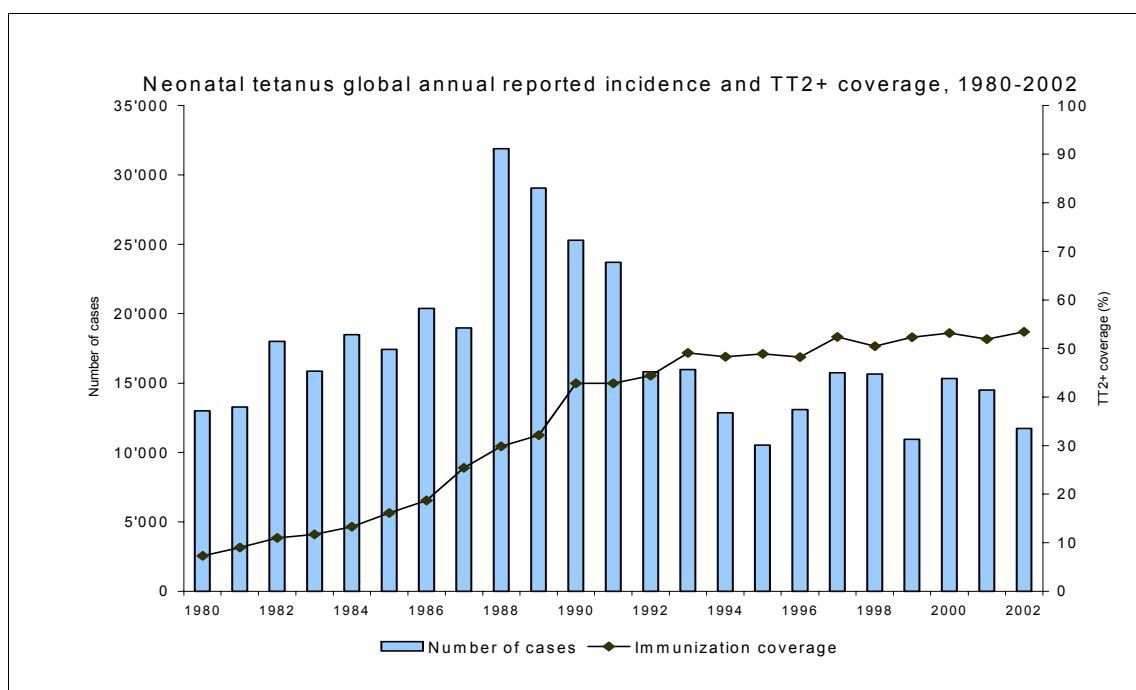
Regional and global summaries of measles incidence (number of reported cases): 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	1 240 993	481 204	395 025	420 193	362 925	484 914	299 623	373 149	269 509	520 102	492 116	286 380
AMR	257 790	218 579	57 398	23 784	6 478	2 083	53 569	14 329	3 209	1 755	548	2 629
EMR	341 624	59 062	50 758	24 578	20 607	20 304	33 086	89 479	71 562	38 592	41 103	42 616
EUR	492 660	185 814	341 982	190 910	154 107	178 290	215 766	77 871	38 809	37 419	58 359	46 712
SEAR	199 535	224 925	141 301	152 106	100 900	102 205	115 844	62 759	47 741	61 975	65 441	78 333
WPR	1 319 640	155 490	157 479	115 237	75 374	82 595	107 787	76 878	104 424	176 493	175 382	129 285
Global	3 852 242	1 325 074	1 143 943	926 808	720 391	870 391	825 675	694 465	535 254	836 336	832 949	585 955
N° countries	148	169	182	175	176	173	183	166	165	168	175	174

Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), MCV < 1 year of age: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	6	53	48	53	57	53	57	50	51	55	51	58
	6	58	53	56	56	55	60	55	52	57	57	59
AMR	51	81	84	83	88	87	89	92	93	91	91	91
	51	80	83	85	88	87	89	92	92	90	93	91
EMR	23	76	75	75	73	81	80	79	83	79	81	75
	15	67	68	68	67	70	69	72	72	72	74	73
EUR	11	80	82	82	83	87	87	88	90	91	91	90
	53	81	82	82	83	86	87	87	89	91	91	89
SEAR	0	87	87	87	84	86	88	83	85	84	62	66
	0	59	62	68	72	68	61	58	58	62	62	70
WPR	5	93	91	88	92	95	94	94	85	95	80	94
	5	93	90	87	91	94	93	94	85	86	81	71
Global	12	81	80	80	80	82	83	81	80	82	72	76
	16	73	72	74	76	75	74	73	71	73	73	73
% population	30	91	99	97	99	99	98	94	89	95	91	93
N° countries	67	150	176	167	179	176	180	163	161	154	170	157

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 in some countries, all childbearing aged women) protects both the mother and newborn against tetanus. Global and regional summaries of TT2+ coverage include in the denominator only the 178 countries classified as least developed, developing or economies in transition (EIT) which represent 86% of the global population. The data in the graph and table represent global and regional summaries using official data reported from Member States to WHO. The table shows the number of countries providing data to WHO (labeled "N° countries", which includes countries reporting zero case) and the proportion of least developed, developing or EIT countries represented by the reporting countries (labeled "% population"). Imputation procedures described above were used to complete missing coverage values. China reported TT2+ coverage data from 1992-4 and then stopped reporting. 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 artifacts. Somalia reported 966 cases in 2000 and no data in 2001 and 2002. The sudden increase in the WPR in 1996 is because China began reporting NT cases that year. The 2001-2002 drop in SEAR is mainly due to India reporting 3 241 and 1 718 cases respectively. In AFR, Kenya reported 1278 cases in 2000 then 132 cases in 2001 and 95 in 2002. Nigeria also dropped from 1 441 in 2001 to 752 in 2002.



Regional and global summaries of neonatal tetanus incidence (number of reported cases): 1980, 1990, 1993–2002.

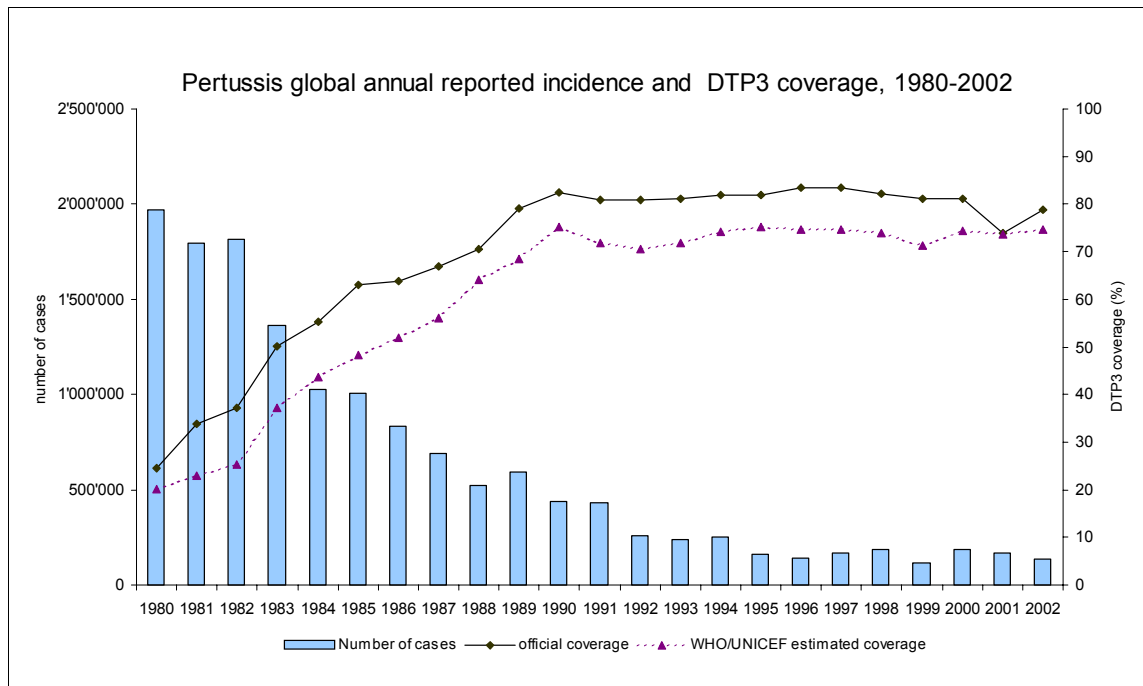
	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	2 265	7 029	4 751	3 977	2 603	3 633	3 207	4 855	2 696	5 175	5 160	4 693
AMR	803	1 176	728	630	532	322	262	254	157	152	141	100
EMR	5 190	4 666	3 351	3 149	2 638	3 008	2 799	2 956	2 321	3 140	1 815	1 986
EUR	26	69	53	67	69	66	38	30	43	27	33	32
SEAR	3 149	11 725	6 015	3 959	3 915	3 223	4 761	3 324	1 311	2 714	4 100	2 284
WPR	1 572	628	1 083	1 090	781	2 838	4 667	4 254	4 426	4 127	3 261	2 656
Global	13 005	25 293	15 981	12 872	10 538	13 090	15 734	15 673	10 954	15 335	14 510	11 751
N° countries	93	152	177	175	175	171	179	145	143	160	169	162

Regional and global summaries of reported vaccination coverage (%), TT2+ among pregnant women: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	2	37	35	33	35	32	43	36	41	44	44	44 (39)
AMR	2	41	43	45	47	49	51	52	54	55	57	40 (7)
EMR	1	46	50	47	48	48	49	49	53	48	50	53 (12)
EUR	0	17	77	32	32	35	39	37	38	38	40	38 (2)
SEAR	17	74	76	78	77	76	80	80	80	81	76	84 (10)
WPR	1	7	21	20	21	22	22	21	22	23	23	22 (10)
Global	7	43	49	48	49	48	52	50	52	53	52	53
% population	44	66	88	87	71	72	70	37	60	70	71	69
N° countries	36	79	107	100	105	106	102	71	71	88	96	80

Numbers in parenthesis (last column) indicate the number of countries reporting in 2002. The expected number of reporting countries is 46 for AFR, 21 for AMR, 15 for EMR, 2 for EUR, 11 for SEAR and 15 for WPR, 110 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. Worldwide annual deaths from pertussis (2001) were estimated by WHO at 286 000, out of which 285 000 occurred among under five years of age. As better data become available, these estimates will be revised. The observed regional variations in reported pertussis incidence are mainly artifacts in reporting, particularly among large countries. The sudden decline in pertussis during the mid-1990s in the SEAR is because India stopped reporting to WHO and then recommenced. India's reporting patterns mask the sudden increase from 5 to 12 200 in reported pertussis incidence in Nepal between 1994–95 due to changes in their surveillance system. The sudden increase from 1996–97 in the Western Pacific Region is mainly because Cambodia and China did not report pertussis data to WHO in 1996 and then reported 1700 and 8600 cases, respectively, in 1997. Australia reported an increase from 4000 to 10 000 between 1996–97. 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 too: Switzerland did not report in 2002 (6 000 cases in 2001). Germany stopped reporting pertussis incidence data to WHO in 1989, France in 1997, and Italy in 2000. This difficulty in obtaining complete data is masking a possible resurgence of pertussis in countries with low mortality and high coverage. Since 1995, the variations in reported incidence from AFR are because Nigeria did not report pertussis data to WHO for certain years (1995, 1997, 1999). In 2001, Nigeria reported 34 517 cases and 11 894 in 2002.

Despite these artifacts, 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 has replaced whole cell vaccine in 13 developed countries resulting in improved pertussis vaccine uptake. Some countries that have already achieved good pertussis control are experiencing a shift in pertussis epidemiology to older age groups (e.g. Canada, USA). The increase between 2001–02 in AMR is mainly attributable to the USA, reporting an increased number of cases, from 5 396 to 8 296.



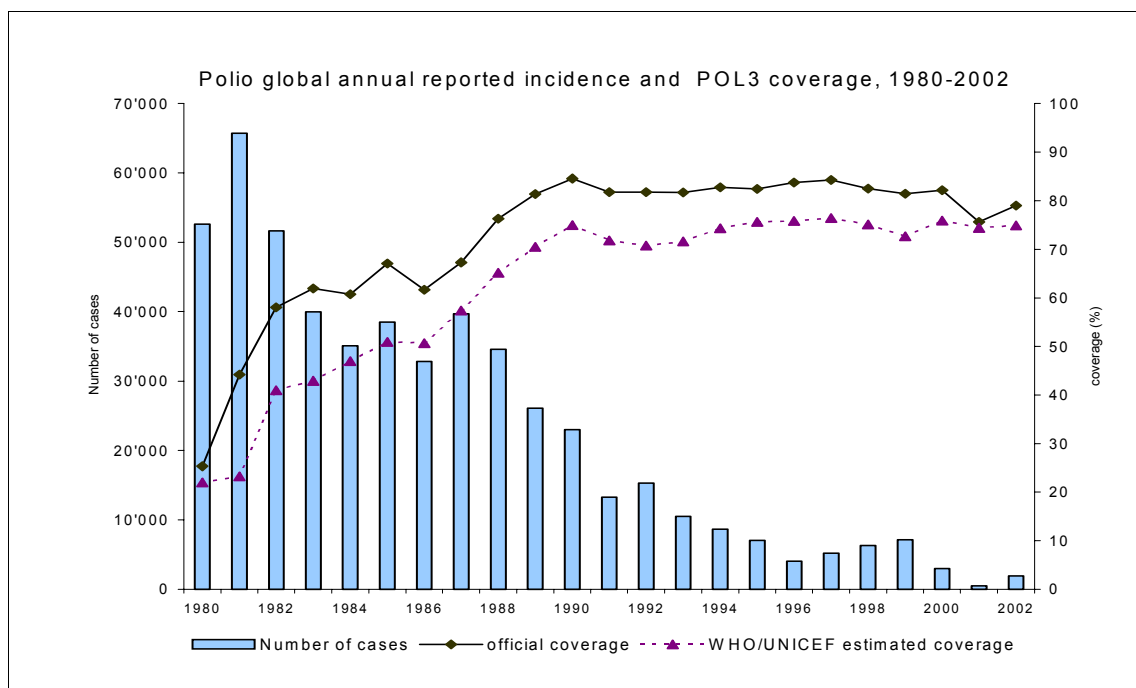
Regional and global summaries of pertussis incidence (number of reported cases): 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	367 961	89 515	32 602	25 402	16 274	35 382	12 101	38 961	11 066	52 008	50 386	19 452
AMR	123 763	38 009	25 443	27 655	22 477	17 901	16 496	23 375	22 089	18 144	12 811	15 162
EMR	171 631	27 441	2 065	1 724	3 631	2 843	3 222	4 372	2 852	2 118	4 257	2 651
EUR	76 554	95 849	90 678	125 668	79 223	54 725	67 295	56 312	48 885	53 669	31 084	25 175
SEAR	399 310	156 028	66 939	53 728	27 487	22 479	41 940	46 666	12 776	34 930	37 813	43 250
WPR	829 173	35 653	19 407	19 642	15 063	8 009	25 953	15 875	17 947	25 282	32 182	30 682
Global	1 968 392	442 495	237 134	253 819	164 155	141 339	167 007	185 561	115 615	186 151	168 533	136 372
N° countries	151	164	149	145	155	155	163	151	155	158	162	161

Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), DTP3 <1 year of age: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	6	55	49	53	56	52	53	49	52	55	56	60
	5	58	51	55	54	52	55	49	47	54	54	56
AMR	51	76	82	84	88	87	87	89	91	89	89	91
	50	74	81	84	87	85	86	88	90	89	89	90
EMR	23	80	77	73	73	80	79	81	82	80	80	77
	63	80	84	89	87	89	91	93	93	94	95	93
EUR	15	79	85	88	87	91	91	93	94	94	95	93
	7	69	64	69	71	69	67	65	62	69	69	73
SEAR	37	93	91	92	90	92	93	88	89	88	67	72
	9	93	91	90	89	92	92	93	84	85	81	79
WPR	11	93	92	91	90	94	93	94	85	85	78	94
	20	75	72	74	75	75	75	74	71	74	74	75
Global	24	83	81	82	82	83	83	82	81	81	74	79
	20	75	72	74	75	75	75	74	71	74	74	75
% population	52	95	98	97	99	99	98	94	89	97	94	93
N° countries	93	156	173	171	182	177	182	161	160	167	173	158

Poliomyelitis



The data in the graph and tables on the following page represent global and regional summaries using official data to WHO and WHO–UNICEF estimated coverage (estimation methods description starts on page 2). In all, 192 Member States are expected to report. The table shows the number of countries providing data to WHO (labeled "N° countries", which includes countries reporting zero case) and the proportion of the world's population represented by the reporting countries (labeled "% population"). Imputation procedures described above were used to complete missing coverage values for countries not reporting to WHO. 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 the infant population, had a significant impact on the global figure. The decline was less pronounced in the WHO–UNICEF estimates and the two figures converged.

In 1988, the polio eradication initiative was launched. By the end of the year 2002 only 7 countries remained endemic with the following figures for 2002: India had a large outbreak of 1 600 cases; Pakistan (90 cases); Afghanistan (10 cases); Egypt (7 cases); Somalia (3 cases); Nigeria (202 cases); Niger (3 cases). Zambia and Burkina Faso respectively reported 2 and 1 imported cases. Additionally, 5 cases were associated with reference strains (MEF1) were reported in India (not included in the table).



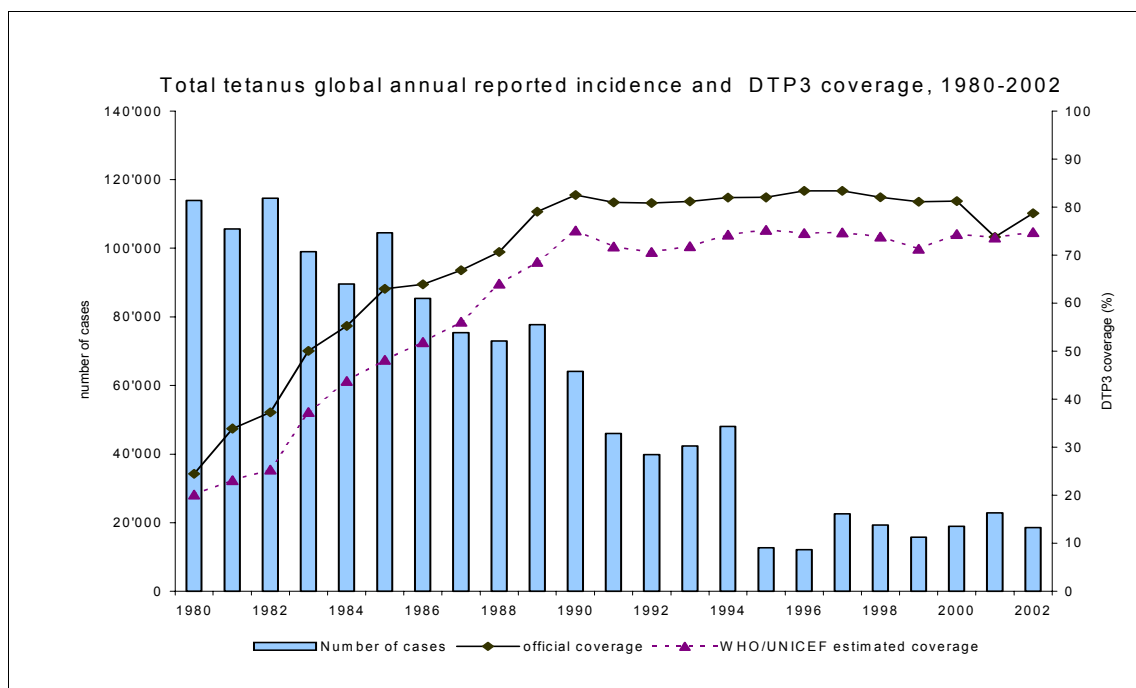
Regional and global summaries of polio incidence (number of reported cases): 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	5 126	4 228	2 015	1 594	2 198	1 949	1 088	974	2 861	1 863	69	208
AMR	2 989	18								12	10	
EMR	12 622	1 498	2 451	1 015	790	532	1 255	555	914	505	140	110
EUR	384	9	213	239	215	193	7	26			4	
SEAR	20 089	11 313	4 556	5 120	3 360	1 203	2 827	4 775	3 365	591	268	1 600
WPR	11 420	5 963	1 265	698	481	197	9		1		3	
Global	52 630	23 029	10 500	8 666	7 044	4 074	5 186	6 330	7 141	2 971	494	1 918
N° countries	161	155	181	187	187	185	187	179	191	184	180	158

Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), Polio3 < 1 year of age: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	8	56	48	53	55	51	53	49	51	55	54	59
	6	58	50	56	55	53	58	51	48	53	52	56
AMR	76	87	84	86	87	87	88	89	91	89	90	91
	69	75	77	82	86	86	88	86	89	88	89	90
EMR	24	80	77	73	72	80	80	80	82	79	80	79
	21	71	65	63	69	67	69	72	73	73	75	74
EUR	16	82	85	86	87	92	92	92	94	94	95	94
	72	84	84	88	87	90	92	92	93	94	95	93
SEAR	29	93	92	93	91	93	93	89	90	89	73	72
	3	66	64	69	71	71	68	67	66	72	72	73
WPR	8	94	92	92	93	95	95	95	85	89	80	94
	5	94	91	91	91	93	94	94	85	89	81	79
Global	25	85	82	83	82	84	84	83	81	82	76	79
	22	75	72	74	76	76	76	75	73	76	74	75
% population	51	96	98	97	99	98	98	94	89	95	94	93
N° countries	91	156	174	170	180	175	181	162	161	164	171	159

Total tetanus



Comments on DTP3 coverage are found under the diphtheria chapter.

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 artifacts particularly from a few large countries (India, Indonesia). The sudden decline in global incidence during 1995 and 1996 are because India reported no tetanus data to WHO during these years and then recommenced in 1997 (at a much lower incidence rate). In 2001, India reported 8880 cases, but did not report in 2002, mainly explaining the observed SEAR decrease. Indonesia did not report tetanus data from 1994–96, nor in 1998 and 2001, which also affected global and regional trends. China has never reported tetanus data to WHO, except for neonatal tetanus. 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 1643 cases, respectively in 2000, and Nigeria reported 3587 cases in 2001. Democratic Republic of Congo 2001–02 reports also increased from 1 369 to 4 763 cases. Angola did not report in 2001, but reported 964 cases in 2002. In recent years, fewer countries from AMR, EMR and EUR are reporting data to WHO on total tetanus.

Worldwide annual deaths from tetanus (2001) were estimated by WHO at 281 000, out of which 201 000 occurred among under five years of age (including neonatal tetanus). As better data become available, these estimates will be revised.



Global and regional summary



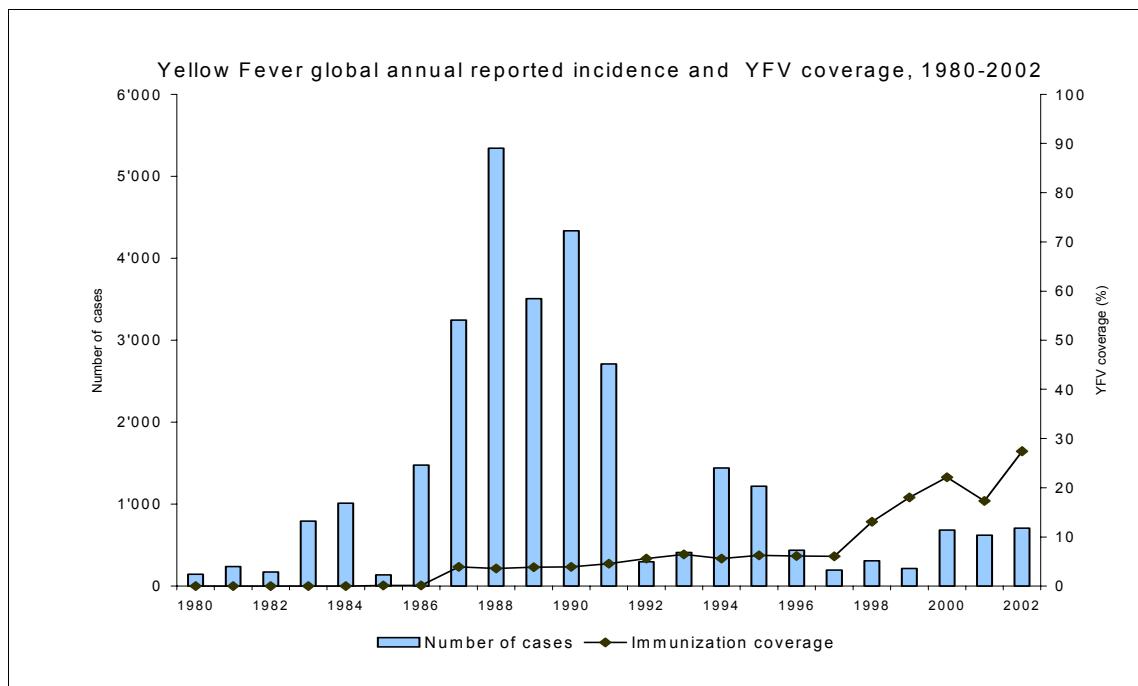
Regional and global summaries of total tetanus incidence (number of reported cases): 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	17 241	11 858	6 800	1 704	1 023	4 320	2 050	2 781	2 350	4 806	6 482	10 761
AMR	7 055	2 965	2 080	1 959	1 760	1 478	650	1 243	1 069	737	530	627
EMR	17 721	9 815	4 859	4 183	3 316	4 089	3 986	3 806	3 063	2 134	2 038	2 901
EUR	1 400	633	767	732	688	611	513	351	229	412	270	345
SEAR	62 176	35 451	24 771	36 571	3 532	632	13 269	9 642	6 444	8 956	10 838	1 739
WPR	8 340	3 410	3 126	2 866	2 371	1 059	2 081	1 496	2 669	1 894	2 736	2 392
Global	113 933	64 132	42 403	48 015	12 690	12 189	22 549	19 319	15 824	18 939	22 894	18 765
N° countries	154	149	145	133	139	140	160	133	134	148	147	152

Regional and global summaries of reported, and WHO/UNICEF estimates of, vaccination coverage (%), DTP3 < 1 year of age: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	6	55	49	53	56	52	53	49	52	55	56	60
	5	58	51	55	54	52	55	49	47	54	54	56
AMR	51	76	82	84	88	87	87	89	91	89	89	91
	50	74	81	84	87	85	86	88	90	89	89	90
EMR	23	80	77	73	73	80	79	81	82	80	80	77
	63	80	84	89	87	89	91	93	93	94	95	93
EUR	15	79	85	88	87	91	91	93	94	94	95	93
	7	69	64	69	71	69	67	65	62	69	69	73
SEAR	37	93	91	92	90	92	93	88	89	88	67	72
	9	93	91	90	89	92	92	93	84	85	81	79
WPR	11	93	92	91	90	94	93	94	85	85	78	94
	20	75	72	74	75	75	75	74	71	74	74	75
Global	24	83	81	82	82	83	83	82	81	81	74	79
	20	75	72	74	75	75	75	74	71	74	74	75
% population	52	95	98	97	99	99	98	94	89	97	94	93
N° countries	93	156	173	171	182	177	182	161	160	167	173	158

Yellow fever



WHO recommends that yellow fever (YF) vaccine be introduced in countries at risk for outbreaks. These include 31 countries in the AFR, 2 countries in the EMR, and 11 countries in the Americas. 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 (labeled "N° countries", which includes countries reporting zero case) and the proportion of the population in the 44 countries at risk represented by those data (labeled "% 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 9 countries reported yellow fever cases, 5 in AFR and 4 in AMR.

Out of the 43 WHO Member States, 21 have introduced yellow fever vaccine in the routine schedule and 7 have introduced it in high risk areas. In addition, Seychelles (outside the high risk group) has introduced yellow fever vaccine in the routine schedule.

Worldwide annual deaths from yellow fever (2001) were estimated by WHO at 30 000, out of which 15 000 occurred among under five years of age. As better data become available, these estimates will be revised.



Regional and global summaries of yellow fever incidence: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	24	4 248	218	1 351	695	292	47	33	8	593	572	610
AMR	120	88	192	89	524	147	146	276	206	91	46	95
EMR												
EUR											2	
SEAR												
WPR												
Global	144	4 336	410	1 440	1 219	439	193	309	214	684	620	705
N° countries	9	10	12	11	21	27	64	79	79	98	136	122

Regional and global summaries of reported of vaccination coverage (%), YFV < 1 year of age: 1980, 1990, 1993–2002.

	1980	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
AFR	0	6	9	8	9	9	9	9	11	11	13	18
AMR	0	0	0	0	0	0	0	28	43	61	34	65
EMR	0	0	0	0	0	0	0	0	0	0	0	0
EUR	0											
SEAR	0											
WPR	0											
Global	0	4	6	6	6	6	6	13	18	22	17	27
% population	0	2	33	19	14	7	6	29	11	34	35	36
N° countries	0	2	12	12	7	4	5	13	8	15	20	18



Reference section

The reference section consists of four parts. The first describes the *global and regional profiles* divided by WHO regions and Development status (R28–R41); the second describes individual *country immunization profiles* (R-42–R-235); the third, *indicators of immunization system performances* (R-236–R-248) and the fourth *time series* (R-249–R-361) of reported disease incidence and immunization coverage for all Member States. See pages R-236 to R-239 for a description of the performance indicators. Countries that were no longer existing as of 31 December 2002 are not included in the reference section. This information may be available on special request.

Country profile description

Since 1998 the immunization data are gathered through the WHO/UNICEF Joint Reporting Form, or similar report for AMRO Member States. 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 2001 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 2000 World Bank Development Indicators data base. 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, it gives 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, which is normally the US dollar. This is usually done by converting at the current exchange rate between the national currency and the dollar (GNI at current US\$). Because of various exchange rates 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 2002 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) mortality rate is the probability of dying between birth and exactly five years of age expressed per 1000 live births.
- (2) **Incidence table.** Shows the country's reported VPD incidence data in 1980, 1990, and since 1998. 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 2002 investigating children 12–23 months, 2001 is the year reported, corresponding to the birth cohort surveyed. There are primarily three types of survey which are abbreviated as follows: Expanded Programme on Immunization 30 cluster survey (EPI), 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. WHO UNICEF estimates for the year 2002, as described on page 2. These estimates are available for BCG, DTP3, HepB3, Measles (MCV), Polio3, and now also include 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 2002 represent immunization coverage reported officially by Member States to WHO. Since 1999, the WHO/UNICEF Joint Reporting Form requested the country's official estimates, according to the country's judgement. This official estimate is the figure used in the coverage time series table. Should the country not report an official estimate, then the country administrative coverage is presented. In some instances, countries have reported coverage figures of 100% and more. Since this represents numerator or denominator mistakes, we have presented these data as 99%*. Completeness of reporting (2002), defined as the number of reports received from the district to the national level on the number expected at the national level is also presented. It may help interpreting reported coverage data. District level achievements related to immunization coverage in 2002 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 is a critical indicator of health system performance and equity.

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



Regional immunization profiles



WHO regions

Global	R-30
AFR	R-31
AMR	R-32
EMR	R-33
EUR	R-34
SEAR	R-35
WPR	R-36

Development status

Developed	R-37
All developing	R-38
Economy in transition	R-39
Developing	R-40
Least developed	R-41



Global

Population data in thousands ¹

	2002	2001	2000	1999	1998	1990	1980
Total population	6 206 429	6 129 786	6 052 601	5 974 818	5 896 440	4 920 229	4 119 970
Births	132 638	132 498	132 457	132 440	132 468	129 759	116 503
Surviving infants	125 077	124 885	124 707	124 593	124 569	121 198	105 004
Pop. less than 5 years	616 496	615 847	615 535	615 437	615 512	593 420	511 126
Pop. less than 15 years	1 825 227	1 825 168	1 823 311	1 819 418	1 813 584	1 617 747	1 479 170
Female 15-49 years	1 593 719	1 571 389	1 548 615	1 525 439	1 501 906	1 227 796	976 126

Number of reported cases

Diphtheria	9 235	10 356	9 594	4 810	7 441	22 133	97 427
Measles	585 955	832 949	836 336	535 254	694 465	1 325 074	3 852 242
Pertussis	136 372	168 533	186 151	115 615	185 561	442 495	1 968 392
Polio	1 918	494	2 971	7 141	6 330	23 029	52 630
Tetanus (neonatal)	11 762	14 510	15 335	10 954	15 673	25 293	13 005
Tetanus (total)	18 781	22 894	18 939	15 824	19 319	64 132	113 933
Yellow fever	705	620	684	214	309	4 336	144

Percentage of target population vaccinated, by antigen

WHO-UNICEF ² Reported coverage
Estimates 2002

BCG	79	85	78	86	89	86	88	19
DTP3	73	79	74	81	81	82	83	24
HepB3	32	44	35	32	19	16	1	0
MCV	72	76	72	82	80	81	81	12
Pol3	75	79	76	82	81	83	85	25
TT2plus		53	52	53	52	50	43	7
YFV		27	17	22	18	13	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 2002 Revision", New York, United Nations, 2002.

2) Source: WHO-UNICEF estimates.



Regional immunization profile



AFR

Population data in thousands ¹

	2002	2001	2000	1999	1998	1990	1980
Total population	672 238	657 170	642 187	627 290	612 478	496 165	369 955
Births	26 710	26 305	25 891	25 467	25 043	21 781	17 400
Surviving infants	23 822	23 397	22 959	22 532	22 124	19 144	14 944
Pop. less than 5 years	111 922	109 893	107 943	106 093	104 326	89 649	68 660
Pop. less than 15 years	294 243	288 840	283 426	278 001	272 561	226 627	169 214
Female 15-49 years	157 801	153 901	149 987	146 052	142 102	112 035	82 957

Number of reported cases

Diphtheria	941	2 587	4 038	226	931	2 588	8 771
Measles	286 380	492 116	520 102	269 509	373 149	481 204	1 240 993
Pertussis	19 452	50 386	52 008	11 066	38 961	89 515	367 961
Polio	208	69	1 863	2 861	974	4 228	5 126
Tetanus (neonatal)	4 693	5 160	5 175	2 696	4 855	7 029	2 265
Tetanus (total)	10 761	6 482	4 806	2 350	2 781	11 858	17 241
Yellow fever	610	572	593	8	33	4 248	24

Percentage of target population vaccinated, by antigen

WHO-UNICEF ² Reported coverage
Estimates 2002

BCG	73	74	67	66	64	61	71	12
DTP3	55	60	56	55	52	49	55	6
HepB3	6	25	5	6	1	1	0.	-
MCV	59	58	51	55	51	50	53	6
Pol3	53	59	54	55	51	49	56	8
TT2plus	44	44	44	41	36	37	37	2
YFV	18	13	11	11	9	6	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 2002 Revision", New York, United Nations, 2002.

2) Source: WHO-UNICEF estimates.



AMR

Population data in thousands ¹

	2002	2001	2000	1999	1998	1990	1980
Total population	852 551	841 655	830 697	819 683	808 622	720 111	613 039
Births	16 132	16 094	16 045	15 995	15 959	16 115	15 309
Surviving infants	15 698	15 642	15 582	15 541	15 538	15 518	14 414
Pop. less than 5 years	77 902	77 747	77 682	77 728	77 861	76 591	70 163
Pop. less than 15 years	233 410	232 991	232 497	231 931	231 279	219 605	199 089
Female 15-49 years	224 298	221 558	218 715	215 775	212 744	185 995	151 442

Number of reported cases

Diphtheria	170	70	113	122	278	826	5 833
Measles	2 629	548	1 755	3 209	14 329	218 579	257 790
Pertussis	15 162	12 811	18 144	22 089	23 375	38 009	123 763
Polio	0	10	12	0	0	18	2 989
Tetanus (neonatal)	111	141	152	157	254	1 176	803
Tetanus (total)	643	530	737	1 069	1 243	2 965	7 055
Yellow fever	95	46	91	206	276	88	120

Percentage of target population vaccinated, by antigen

*WHO-UNICEF ² Reported coverage
Estimates 2002*

BCG	95	95	91	93	95	93	80	54
DTP3	90	91	89	89	91	89	76	51
HepB3	58	74	76	72	52	37	0.	-
MCV	91	91	91	91	93	92	81	51
Pol3	90	91	90	89	91	89	87	76
TT2plus	40	57	55	54	52	41	41	2
YFV	65	34	61	43	28	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 2002 Revision", New York, United Nations, 2002.

2) Source: WHO-UNICEF estimates.



EMR

Population data in thousands ¹

	2002	2001	2000	1999	1998	1990	1980
Total population	503 620	492 221	481 136	470 385	459 938	379 046	283 574
Births	15 803	15 493	15 174	14 861	14 610	14 299	12 271
Surviving infants	14 380	14 062	13 748	13 491	13 329	12 995	10 552
Pop. less than 5 years	68 499	67 194	66 181	65 501	65 112	62 459	49 042
Pop. less than 15 years	192 602	190 431	188 439	186 646	185 001	162 459	123 192
Female 15-49 years	123 471	119 874	116 273	112 666	109 070	85 200	62 923

Number of reported cases

Diphtheria	924	96	175	494	399	3 604	19 970
Measles	42 616	41 103	38 592	71 562	89 479	59 062	341 624
Pertussis	2 651	4 257	2 118	2 852	4 372	27 441	171 631
Polio	110	140	505	914	555	1 498	12 622
Tetanus (neonatal)	1 986	1 815	3 140	2 321	2 956	4 666	5 190
Tetanus (total)	2 901	2 038	2 134	3 063	3 806	9 815	17 721
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

*WHO-UNICEF ² Reported coverage
Estimates 2002*

BCG	81	84	87	87	90	88	87	24
DTP3	72	77	80	80	82	81	80	23
HepB3	41	43	41	38	35	31	3	-
MCV	73	75	81	79	83	79	76	23
Pol3	73	79	80	79	82	80	80	24
TT2plus	53	50	48	53	49	46	46	0.7
YFV	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 2002 Revision", New York, United Nations, 2002.

2) Source: WHO-UNICEF estimates.



Regional immunization profile



EUR

Population data in thousands ¹

	2002	2001	2000	1999	1998	1990	1980
Total population	877 091	875 971	874 721	873 319	871 745	521 829	495 570
Births	10 087	10 145	10 213	10 296	10 409	7 273	7 679
Surviving infants	9 987	10 049	10 123	10 233	10 381	7 219	7 465
Pop. less than 5 years	50 350	50 857	51 533	52 371	53 352	36 362	38 157
Pop. less than 15 years	167 554	170 948	174 216	177 300	180 198	110 579	118 890
Female 15-49 years	224 123	223 608	222 969	222 239	221 413	129 237	119 382

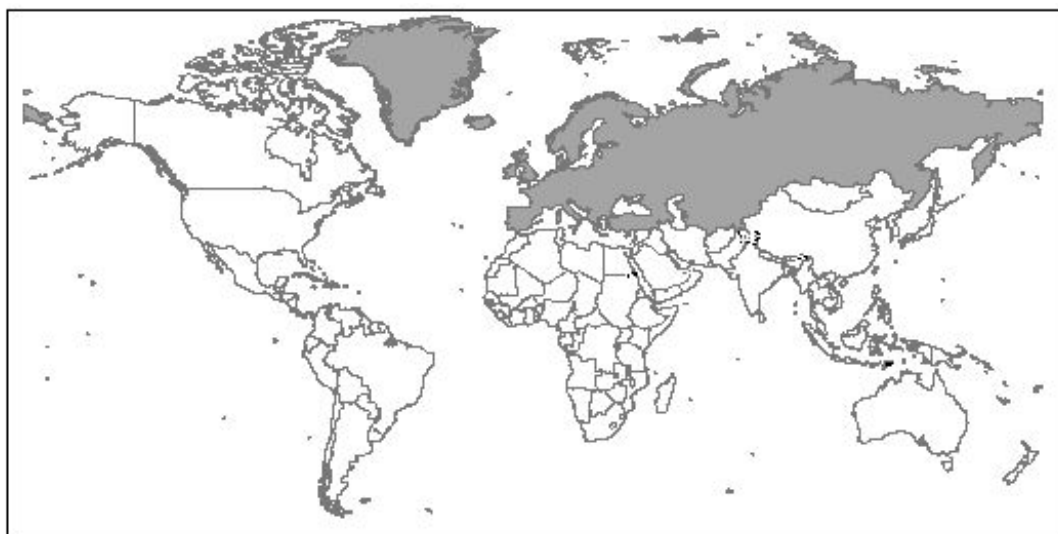
Number of reported cases

Diphtheria	1 189	1 386	1 585	1 614	2 779	1 471	271
Measles	46 712	58 359	37 419	38 809	77 871	185 814	492 660
Pertussis	25 175	31 084	53 669	48 885	56 312	95 849	76 554
Polio	0	4	0	0	26	9	384
Tetanus (neonatal)	32	33	27	43	30	69	26
Tetanus (total)	345	270	412	229	351	633	1 400
Yellow fever	0	2	0	0	0	-	-

Percentage of target population vaccinated, by antigen

WHO-UNICEF ² Reported coverage
Estimates 2002

BCG	95	90	90	91	91	90	72	19
DTP3	94	93	95	94	94	93	79	15
HepB3	45	62	46	41	25	24	4	-
MCV	90	90	91	91	90	88	80	11
Pol3	95	94	95	94	94	92	82	16
TT2plus	38	40	38	38	37	17	0	0
YFV	-	-	-	-	-	-	-	-



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

1) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002.

2) Source: WHO-UNICEF estimates.



SEAR

Population data in thousands ¹

	2002	2001	2000	1999	1998	1990	1980
Total population	1 590 833	1 566 748	1 542 355	1 517 647	1 492 668	1 290 896	1 052 713
Births	37 820	38 110	38 447	38 771	39 033	38 921	36 081
Surviving infants	35 745	35 990	36 223	36 399	36 493	35 547	31 483
Pop. less than 5 years	178 681	179 501	180 043	180 257	180 171	173 044	150 546
Pop. less than 15 years	523 162	521 784	519 883	517 451	514 496	472 889	413 473
Female 15-49 years	403 648	395 708	387 727	379 711	371 684	312 596	245 745

Number of reported cases

Diphtheria	5 754	5 674	3 439	2 170	2 091	11 582	47 354
Measles	78 333	65 441	61 975	47 741	62 759	224 925	199 535
Pertussis	43 250	37 813	34 930	12 776	46 666	156 028	399 310
Polio	1 600	268	591	3 365	4 775	11 313	20 089
Tetanus (neonatal)	2 284	4 100	2 714	1 311	3 324	11 725	3 149
Tetanus (total)	1 739	10 838	8 956	6 444	9 642	35 451	62 176
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

WHO-UNICEF ² Reported coverage
Estimates 2002

BCG	76	83	78	97	98	92	96	18
DTP3	67	72	67	88	89	88	93	37
HepB3	9	12	10	11	12	12	0.	-
MCV	61	66	62	84	85	83	87	0
Pol3	73	72	73	89	90	89	93	29
TT2plus		84	76	81	80	80	74	17
YFV		-	-	-	-	-	-	-



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

1) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002.

2) Source: WHO-UNICEF estimates.



Regional immunization profile



WPR

Population data in thousands ¹

	2002	2001	2000	1999	1998	1990	1980
Total population	1 710 096	1 696 021	1 681 506	1 666 494	1 650 989	1 512 181	1 305 118
Births	26 086	26 351	26 687	27 050	27 414	31 370	27 763
Surviving infants	25 445	25 745	26 072	26 397	26 704	30 775	26 146
Pop. less than 5 years	129 142	130 657	132 152	133 487	134 691	155 315	134 558
Pop. less than 15 years	414 256	420 173	424 851	428 089	430 049	425 588	455 312
Female 15-49 years	460 379	456 740	452 944	448 996	444 893	402 734	313 677

Number of reported cases

Diphtheria	257	543	244	184	963	2 062	15 228
Measles	129 285	175 382	176 493	104 424	76 878	155 490	1 319 640
Pertussis	30 682	32 182	25 282	17 947	15 875	35 653	829 173
Polio	0	3	0	1	0	5 963	11 420
Tetanus (neonatal)	2 656	3 261	4 127	4 426	4 254	628	1 572
Tetanus (total)	2 392	2 736	1 894	2 669	1 496	3 410	8 340
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

WHO-UNICEF ² Reported coverage
Estimates 2002

BCG	76	95	75	85	95	94	96	7
DTP3	80	94	78	85	85	94	93	11
HepB3	65	82	65	55	11	11	2	-
MCV	81	94	80	95	85	94	93	5
Pol3	82	94	80	89	85	95	94	8
TT2plus	22	23	23	22	21	21	7	1
YFV	-	-	-	-	-	-	-	-



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

1) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002.

2) Source: WHO-UNICEF estimates.



Development immunization profile



Developed

Population data in thousands ¹

	2002	2001	2000	1999	1998	1990	1980
Total population	864 730	860 181	855 521	850 766	845 919	803 231	756 092
Births	10 044	10 052	10 051	10 053	10 069	10 418	10 422
Surviving infants	10 008	10 008	10 008	10 023	10 064	10 322	10 283
Surviving infants 0-1	10 009	10 012	10 010	10 020	10 046	10 340	10 306
Pop. less than 5 years	50 343	50 435	50 597	50 840	51 148	51 835	52 205

Number of reported cases

Diphtheria	13	11	5	4	4	31	286
Measles	53 829	30 064	35 870	7 060	8 473	91 617	439 656
Pertussis	44 210	37 196	40 517	40 007	40 543	72 462	66 079
Polio	0	0	0	0	0	1	54
Tetanus (neonatal)	0	0	0	0	0	0	9
Tetanus (total)	237	148	318	42	217	428	1 216
Yellow fever	1	2	0	0	0	-	-

Percentage of target population vaccinated, by antigen

WHO-UNICEF ² Reported coverage
Estimates 2002

BCG	94	80	80	80	81	80	68	0.
DTP3	94	95	95	93	93	92	88	47
HepB3	52	54	52	50	49	49	5	-
MCV	89	90	90	90	90	89	80	42
Pol3	93	93	91	93	92	92	87	36
TT2plus	0	0	0	0.	0.	0.	-	-
YFV	-	-	-	-	-	-	-	-

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

1) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002.

2) Source: UNICEF/WHO survey database



All developing

Population data in thousands ¹								
	2002	2001	2000	1999	1998	1990	1980	
Total population	11 548 128	11 399 391	11 249 681	11 098 869	10 946 961	9 037 227	7 483 848	
Births	255 232	254 944	254 863	254 827	254 867	249 100	222 584	
Surviving infants	240 146	239 762	239 406	239 163	239 074	232 074	199 725	
Surviving infants 0-1	117 022	116 833	116 710	116 623	116 586	113 190	98 508	
Pop. less than 5 years	1 182 649	1 181 259	1 180 474	1 180 034	1 179 876	1 135 005	970 046	
Pop. less than 15 years	1 825 227	1 825 168	1 823 311	1 819 418	1 813 584	1 617 747	1 479 170	
Female 15-49 years	1 593 719	1 571 389	1 548 615	1 525 439	1 501 906	1 227 796	976 126	
Number of reported cases								
Diphtheria	18 457	20 701	19 183	9 616	14 878	44 235	194 568	
Measles	1 118 081	1 635 834	1 636 802	1 063 448	1 380 457	2 558 531	7 264 828	
Pertussis	228 534	299 870	331 785	191 223	330 579	812 528	3 870 705	
Polio	3 836	988	5 942	14 282	12 660	46 057	105 206	
Tetanus (neonatal)	23 524	29 020	30 670	21 908	31 346	50 586	26 001	
Tetanus (total)	37 325	45 640	37 560	31 606	38 421	127 836	226 650	
Yellow fever	1 409	1 238	1 368	428	618	8 672	288	
Percentage of target population vaccinated, by antigen								
	<i>WHO-UNICEF ² Reported coverage</i>							
	<i>Estimates 2002</i>							
BCG	79	85	78	86	89	86	88	19
DTP3	71	77	72	80	80	81	82	22
HepB3	31	43	34	31	16	13	1	-
MCV	70	75	70	81	79	80	81	9
Pol3	73	78	74	81	80	82	84	24
TT2plus		53	52	53	52	50	43	7
YFV		27	17	22	18	13	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 2002 Revision", New York, United Nations, 2002.

2) Source: UNICEF/WHO survey database



Developing

Population data in thousands ¹							
	2002	2001	2000	1999	1998	1990	1980
Total population	4 161 569	4 106 395	4 050 422	3 993 558	3 935 859	3 458 808	2 837 567
Births	89 251	89 473	89 787	90 112	90 453	94 242	84 845
Surviving infants	84 892	85 085	85 285	85 500	85 739	88 775	76 490
Surviving infants 0-1	85 810	86 002	86 241	86 497	86 772	90 037	79 205
Pop. less than 5 years	422 177	423 176	424 210	425 133	425 946	437 363	373 766
Number of reported cases							
Diphtheria	6 731	8 307	7 562	2 449	3 663	17 155	87 483
Measles	261 507	457 025	497 368	200 030	413 559	890 225	2 264 202
Pertussis	68 388	86 705	86 472	35 453	78 931	287 203	1 420 079
Polio	1 899	452	1 331	4 721	5 530	21 761	41 596
Tetanus (neonatal)	6 806	9 793	11 198	7 812	11 356	20 790	9 790
Tetanus (total)	7 745	17 310	14 293	10 505	13 145	53 163	85 434
Yellow fever	303	133	91	207	276	4 336	144
Percentage of target population vaccinated, by antigen							
	<i>WHO-UNICEF ² Reported coverage</i>						
	<i>Estimates 2002</i>						
BCG	79	87	79	89	93	89	20
DTP3	72	81	74	85	85	86	26
HepB3	38	49	41	38	20	17	-
MCV	71	78	72	86	84	85	9
Pol3	75	81	77	87	86	87	28
TT2plus		54	53	54	54	52	8
YFV		41	25	36	27	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 2002 Revision", New York, United Nations, 2002.

2) Source: UNICEF/WHO survey database



Economy in transition

Population data in thousands ¹							
	2002	2001	2000	1999	1998	1990	1980
Total population	479 234	479 104	478 901	478 588	478 152	141 283	126 148
Births	5 936	5 965	6 007	6 063	6 149	2 785	2 971
Surviving infants	5 817	5 853	5 903	5 985	6 106	2 732	2 787
Surviving infants 0 1	5 826	5 855	5 903	5 971	6 074	2 724	2 843
Pop. less than 5 years	29 200	29 566	30 098	30 786	31 617	13 789	14 034
Number of reported cases							
Diphtheria	1 179	1 380	1 583	1 609	2 777	1 461	111
Measles	26 790	51 184	24 474	32 205	70 892	126 925	93 378
Pertussis	9 639	18 877	37 602	26 666	35 734	37 368	20 216
Polio	0	4	0	0	26	8	331
Tetanus (neonatal)	32	33	27	43	30	69	17
Tetanus (total)	215	249	217	229	224	325	340
Yellow fever	0	0	0	0	0	-	-
Percentage of target population vaccinated, by antigen							
	<i>WHO-UNICEF ² Reported coverage</i>						
	<i>Estimates 2002</i>						
BCG	97	92	93	94	93	92	23
DTP3	93	92	94	94	94	92	17
HepB3	53	79	55	47	19	16	-
MCV	93	93	96	94	93	92	14
Pol3	95	93	95	94	93	92	20
TT2plus	71	80	89	77	65	0.	0.
YFV	-	-	-	-	-	-	-

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

1) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002.

2) Source: UNICEF/WHO survey database



Least developed

Population data in thousands ¹							
	2002	2001	2000	1999	1998	1990	1980
Total population	700 897	684 106	667 757	651 905	636 511	516 907	400 164
Births	27 407	27 008	26 612	26 212	25 797	22 314	18 265
Surviving infants	24 360	23 939	23 511	23 085	22 660	19 369	15 444
Surviving infants 0-1	25 386	24 976	24 566	24 155	23 740	20 429	16 460
Pop. less than 5 years	114 777	112 670	110 630	108 678	106 802	90 433	71 120
Number of reported cases							
Diphtheria	1 312	658	444	748	997	3 486	9 547
Measles	243 829	294 676	278 624	295 959	201 541	216 307	1 055 006
Pertussis	14 135	25 755	21 560	13 489	30 353	45 462	462 018
Polio	19	38	1 640	2 420	774	1 259	10 649
Tetanus (neonatal)	4 924	4 684	4 110	3 099	4 287	4 434	3 189
Tetanus (total)	10 584	5 187	4 111	5 048	5 733	10 216	26 943
Yellow fever	401	485	593	7	33	0	-
Percentage of target population vaccinated, by antigen							
	<i>WHO-UNICEF ² Reported coverage</i>						
	<i>Estimates 2002</i>						
BCG	75	76	72	74	73	71	14
DTP3	62	63	59	58	57	58	6
HepB3	2	15	2	1	1	1	-
MCV	63	62	57	59	56	58	6
Pol3	61	62	58	58	57	58	8
TT2plus		52	50	50	48	45	3
YFV		14	10	8	9	9	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 2002 Revision", New York, United Nations, 2002.

2) Source: UNICEF/WHO survey database



Country immunization profiles



Country immunization profiles index



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Immunization profile - Afghanistan



Development status	Least developed	GNI per capita (US\$)	1 -	GDP per capita (US\$)	1 -	-
Infant (under 12 months) mortality rate	2§	163	Child (under 5 years) mortality rate	2§	279	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	22 930	22 083	21 391	20 896	20 570	13 799	15 117
Births	1 101	1 071	1 044	1 016	987	711	739
Surviving infants	896	872	849	823	795	567	612
Pop. less than 5 years	4 009	3 857	3 734	3 649	3 595	2 448	2 710
Pop. less than 15 years	9 953	9 592	9 300	9 096	8 968	6 069	6 633
Female 15-49 years	5 135	4 941	4 780	4 662	4 581	3 040	3 325

Number of reported cases

Diphtheria	854	-	84	297	84	368	1 939
Measles	2 486	8 762	6 532	3 609	2 205	1 609	32 455
Pertussis	1 439	-	896	1 582	896	411	15 748
Polio	10	11	120	150	59	48	880
Tetanus (neonatal)	595	211	139	88	310	3	16
Tetanus (total)	975	-	-	221	383	131	1 618
Yellow fever	-	-	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	78 MICS	59	59	55	38	48	45	30	33
DTP1	1999	71 MICS		58	56	41	-	-	-	-
DTP3	1999	45 MICS	47	48	45	31	35	36	25	4
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	57 MICS	44	44	47	35	40	40	20	11
Pol3	1999	58 MICS	48	48	46	32	36	37	25	3
TT2plus	1999	46 MICS		37	35	20	18	11	2	1
VitA	-	-	-	-	-	15	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	332	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	15
Percent reporting completeness, DTP3 coverage			From 70 to 79%	
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	61
		Proportion of districts not reporting DTP3 coverage		25

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	15-45 years; (2 doses per year)		
VitaminA	6-59 months; (2 doses per year during NIDS)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Albania



Development status	Economy in transition	GNI per capita (US\$)	1 1120	GDP per capita (US\$)	1 3 506
Infant (under 12 months) mortality rate	^{2§}	25	Child (under 5 years) mortality rate	^{2§}	35

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 141	3 122	3 113	3 113	3 122	3 289	2 671
Births	57	58	58	59	60	80	73
Surviving infants	57	57	58	59	61	77	69
Pop. less than 5 years	278	281	288	298	311	389	344
Pop. less than 15 years	894	905	919	934	950	1 078	958
Female 15-49 years	828	820	813	809	806	831	635

Number of reported cases

Diphtheria	0	0	4	2	0	17	3
Measles	12	18	662	797	1 901	-	-
Pertussis	20	36	89	27	24	329	137
Polio	0	0	0	0	0	0	1
Tetanus (neonatal)	0	0	0	0	-	1	0
Tetanus (total)	1	2	2	0	-	15	5
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	80 MICS	94	94	93	93	93	87	94	-
DTP1	1999	71 MICS		98	97	98	-	-	-	-
DTP3	1999	52 MICS	98	98	97	97	97	96	94	-
HepB3	-	-	96	96	96	96	96	94	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	61 MICS	96	96	95	95	85	89	-	-
Pol3	1999	29 MICS	98	98	97	97	97	97	-	-
TT2plus	1999	30 MICS		71	80	89	77	65	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	36	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DT	6 years;		
DTwP	2, 4, 6 months; 2 years;		
HepB	birth; 2, 6 months;		
MR	1, 5 years;		
OPV	2, 4, 6 months; 2, 6 years;		
Td	14 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Algeria



Infant (under 12 months) mortality rate ^{2§} 45 Child (under 5 years) mortality rate ^{2§} 50

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	31 266	30 746	30 245	29 766	29 304	25 017	18 740
Births	718	710	701	692	689	805	808
Surviving infants	678	668	658	653	658	764	717
Pop. less than 5 years	3 308	3 286	3 291	3 329	3 393	3 816	3 365
Pop. less than 15 years	10 461	10 540	10 622	10 707	10 790	10 600	8 714
Female 15-49 years	8 452	8 223	7 996	7 773	7 553	5 782	4 086

Number of reported cases

Diphtheria	0	3	-	17	57	30	116
Measles	5 862	2 686	-	2 503	3 301	1 796	15 527
Pertussis	57	137	-	4	10	23	710
Polio	0	1	0	10	0	2	116
Tetanus (neonatal)	4	15	-	17	16	27	-
Tetanus (total)	-	20	-	24	25	38	86
Yellow fever	-	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	100 MICS	98	98	97	-	97	95	65	-
DTP1	1999	92 MICS		93	92	-	-	-	-	-
DTP3	1999	94 MICS	86	86	89	-	83	80	58	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	94 MICS	81	81	83	-	83	75	53	-
Pol3	1999	92 MICS	86	86	89	-	83	80	81	-
TT2plus	1999	45 MICS		55	55	-	-	-	5	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	185	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	21
			From 70 to 79%	5
			From 60 to 69%	1
			From 50 to 59%	
			Lesser than 50%	
Percent reporting completeness, DTP3 coverage		Proportion of districts not reporting DTP3 coverage		73

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	3, 4, 5, 18 months;		
HepB	birth; 1, 5 months;		
Measles	9 months; 6 years;		
OPV	birth; 3, 4, 5 months; 18 months-6years; 11-16 years;		
TT	pregnant women		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Andorra



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	69	67	66	66	65	53	33
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	-	0	-	-	-	-	-
Measles	-	0	-	-	-	-	-
Pertussis	-	0	-	-	-	-	-
Polio	-	-	0	0	-	-	-
Tetanus (neonatal)	-	0	-	-	-	-	-
Tetanus (total)	-	0	-	-	-	-	-
Yellow fever	-	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵			
	Year	Result	Estimates 2002				
BCG	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-
DTP3	-	-	90	-	-	-	-
HepB3	-	-	75	-	-	-	-
Hib3	-	-	-	-	-	-	-
MCV	-	-	90	-	-	-	-
Pol3	-	-	90	-	-	-	-
TT2plus	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-

Number of districts in the country -

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	5 years;	OPV	15 months, 5 years;
DTP	2, 3, 4, 15 months;	Td	15 years;
HepB	birth, 2, 6, months;		
Hib	2, 3, 4, 15 months;		
IPV	2, 3, 4 months;		
MM	5, 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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Angola



Development status	Least developed	GNI per capita (US\$)	1 290	GDP per capita (US\$)	1 218
Infant (under 12 months) mortality rate	^{2§}	142	Child (under 5 years) mortality rate	^{2§}	248

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	13 184	12 768	12 386	12 043	11 734	9 340	7 048
Births	695	675	654	634	615	491	360
Surviving infants	579	560	542	524	507	402	292
Pop. less than 5 years	2 609	2 516	2 431	2 356	2 289	1 807	1 322
Pop. less than 15 years	6 268	6 055	5 858	5 682	5 524	4 328	3 142
Female 15-49 years	2 900	2 814	2 734	2 662	2 596	2 076	1 609

Number of reported cases

Diphtheria	0	0	0	0	0	64	0
Measles	11 945	9 046	2 219	350	2 576	29 069	29 656
Pertussis	0	740	560	-	-	14 420	54 126
Polio	0	1	115	1 103	7	-	32
Tetanus (neonatal)	173	311	131	78	164	959	541
Tetanus (total)	964	-	-	-	279	1 826	1 185
Yellow fever	0	0	0	-	-	0	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	2000	69 MICS	82	80	74	56	52	88	48	-
DTP1	2000	56 MICS	-	65	57	44	-	-	-	-
DTP3	2000	34 MICS	47	47	41	31	22	45	24	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	53 MICS	74	72	72	-	46	80	38	-
Pol3	2000	63 MICS	42	42	44	33	21	45	23	-
TT2plus	2000	62 MICS	-	14	60	-	72	30	21	-
VitA	-	-	-	-	92	-	-	-	-	-
YFV	-	-	-	46	46	29	53	-	-	-

Number of districts in the country	164	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	9
Percent reporting completeness, DTP3 coverage	50		From 70 to 79%	1
			From 60 to 69%	4
			From 50 to 59%	5
			Lesser than 50%	81
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	2, 4, 6 months;		
Measles	9 months;		
OPV	birth; 2, 4, 6 months;		
TT	15-45 years; +1, +6 months; +1 year; (CBWA)		
VitaminA	6, 9 months;		
YF	9 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Antigua and Barbuda



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	73	72	72	71	70	63	63
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	2 291
Pertussis	0	0	0	0	0	0	0
Polio	0	0	-	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	0	0	3
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	-	-	-	-	-	-	99	-
DTP1	-	-	-	98	89	-	-	-	-	-
DTP3	-	-	98	98	98	-	99	99*	99	54
HepB3	-	-	99	99*	96	-	-	-	-	-
Hib3	-	-	-	99*	97	-	-	-	-	-
MCV	-	-	99	99*	97	-	99	99*	89	-
Pol3	-	-	90	90	99*	-	99	99*	99	36
TT2plus	-	-	-	1	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	100		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	5 years;		
DTPHibHep	2, 4, 6 months;		
MMR	1, 5 years;		
OPV	2, 4, 6 months;		
Td	15 years;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Argentina



Infant (under 12 months) mortality rate ^{2§} 20 Child (under 5 years) mortality rate ^{2§} 23

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	37 981	37 529	37 074	36 615	36 153	32 527	28 094
Births	725	723	721	718	715	693	694
Surviving infants	709	706	703	700	697	673	680
Pop. less than 5 years	3 527	3 513	3 499	3 484	3 469	3 342	3 330
Pop. less than 15 years	10 355	10 311	10 265	10 216	10 166	9 961	8 574
Female 15-49 years	9 485	9 367	9 246	9 122	8 995	7 768	6 758

Number of reported cases

Diphtheria	-	0	0	0	2	31	86
Measles	-	0	6	313	10 229	1 967	16 102
Pertussis	-	431	515	592	677	2 012	27 223
Polio	-	0	0	0	0	0	32
Tetanus (neonatal)	-	1	0	2	0	8	0
Tetanus (total)	-	11	12	18	22	49	219
Yellow fever	-	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	99	-	71	99*	99	92	99	62
DTP1	-	-	-	-	92	88	-	-	-	-
DTP3	-	-	88	-	83	66	88	70	86	41
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	83	66	87	-	-	-
MCV	-	-	97	-	94	56	99	99	93	58
Pol3	-	-	91	-	88	85	91	74	90	91
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

24

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth, 6 years;		
DTP	6 years;		
DTPHib	2, 4, 6, 18 months;		
HepB	birth, 2, 6 months		
MMR	12 months;		
OPV	2, 4, 6, 18 months, 6 years;		
Td	16 years, every 10 years from 16 years and pregnant women		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Armenia



Development status	Economy in transition	GNI per capita (US\$)	1 520	GDP per capita (US\$)	1 2 559
Infant (under 12 months) mortality rate	^{2§}	18	Child (under 5 years) mortality rate	^{2§}	21

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 072	3 088	3 112	3 144	3 181	0	0
Births	29	30	30	31	33	0	0
Surviving infants	30	30	31	33	36	0	0
Pop. less than 5 years	150	156	167	183	202	0	0
Pop. less than 15 years	656	697	739	783	827	0	0
Female 15-49 years	896	890	886	883	882	0	0

Number of reported cases

Diphtheria	1	6	0	3	5	7	-
Measles	40	69	15	41	52	879	-
Pertussis	3	1	10	13	19	469	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	1	3	1	0	2	-	-
Yellow fever	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	97	97	96	97	93	95	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	94	94	94	93	91	82	-	-
HepB3	-	-	91	91	69	55	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	91	60	96	92	92	94	-	-
Pol3	-	-	96	96	97	96	97	96	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	52	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	98
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	2
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6 years; (2nd dose for children with no scar)	OPV	3, 4.5, 6, 18, 20 months;
DTwP	3, 4.5, 6, 18 months;	Td	6, 16, 26, 36, 46 years; [Part of country]
HepB	birth; 1.5, 6 months;		
Measles	1, 3.5-4 years; (before the introduction of the MMR vaccine in Aug. 2002 children aged 1 and 3-4 years were receiving monovalent measles vaccine) [Part of country]		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Australia



Infant (under 12 months) mortality rate ^{2§} 6 Child (under 5 years) mortality rate ^{2§} 7

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	19 544	19 352	19 153	18 948	18 737	16 888	14 569
Births	242	244	245	247	249	253	227
Surviving infants	243	245	246	248	250	248	221
Pop. less than 5 years	1 246	1 255	1 265	1 275	1 286	1 238	1 128
Pop. less than 15 years	3 922	3 927	3 929	3 930	3 929	3 698	3 685
Female 15-49 years	4 957	4 931	4 904	4 876	4 847	4 456	3 633

Number of reported cases

Diphtheria	0	1	0	0	0	7	1
Measles	32	141	108	235	327	880	-
Pertussis	5 563	9 538	5 795	4 403	6 055	862	124
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	-	-	-	-	0	-	-
Tetanus (total)	2	3	7	3	7	6	9
Yellow fever	0	0	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	93	93	92	92	88	86	95	33
HepB3	-	-	95	95	94	-	-	-	-	-
Hib3	-	-	-	95	95	95	88	-	-	-
MCV	-	-	94	94	93	92	89	86	86	-
Pol3	-	-	93	93	92	91	88	86	72	17
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	8	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTaP	2, 4, 6, 18 months; 4 years; (used in 3 jurisdictions) [Part of country]	Influenza	65 years; (annual dose given to >65 years and >50 years for arboriginal & Torres Starit Islander people)
DTPHibHep	2, 4, 6 months; (used in 5 jurisdictions) [Part of country]	MMR	12 months; 4 years;
HepB	birth; 10-13 years; (x3)	OPV	2, 4, 6, 18 months;
Hib	2, 4, 12 months; (used in 5 jurisdictions) [Part of country]	Pneumo_conj	2, 4, 6 months; (given only to arboriginal & Torres Starit Islander & other high risk children)
HibHepB	2, 4, 12 months; [Part of country]		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Austria



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 111	8 106	8 102	8 100	8 099	7 729	7 549
Births	70	72	75	77	80	91	88
Surviving infants	73	75	77	80	83	88	85
Pop. less than 5 years	384	396	409	424	439	447	430
Pop. less than 15 years	1 313	1 331	1 349	1 368	1 386	1 347	1 541
Female 15-49 years	1 989	1 991	1 994	1 997	2 001	1 965	1 819

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	-	0	-	1	0	-	-
Pertussis	150	253	117	103	113	234	186
Polio	0	0	0	0	0	0	1
Tetanus (neonatal)	-	0	-	-	-	-	-
Tetanus (total)	-	0	-	-	-	-	-
Yellow fever	-	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	-	-	-	-	-	-	-	-	-
DTP1	-	-		77	64	-	-	-	-
DTP3	-	-	83	83	74	-	-	90	-
HepB3	-	-	82	82	34	-	-	-	-
Hib3	-	-		82	74	-	-	-	-
MCV	-	-	78	79	65	-	-	60	-
Pol3	-	-	82	83	-	-	-	90	-
TT2plus	-	-		-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-

Number of districts in the country

121

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	6-7, 13-14 years;		
DTPHibHepIPV	1, 1, 1, 2 years;		
HepB	12-13 years; (booster)		
IPV	6-7, 13-14 years;		
MMR	14, 15 months; 12 years;		
Pneumo_conj	0-1 year (x3); 1-2 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Azerbaijan



Development status	Economy in transition	GNI per capita (US\$)	1 600	GDP per capita (US\$)	1 2 936
Infant (under 12 months) mortality rate	^{2§}	30	Child (under 5 years) mortality rate	^{2§}	41

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 297	8 226	8 157	8 090	8 025	0	0
Births	148	148	149	150	152	0	0
Surviving infants	145	145	146	148	153	0	0
Pop. less than 5 years	688	695	714	747	791	0	0
Pop. less than 15 years	2 493	2 538	2 577	2 608	2 632	0	0
Female 15-49 years	2 409	2 358	2 305	2 249	2 193	0	0

Number of reported cases

Diphtheria	0	0	7	19	20	4	-
Measles	4 353	574	210	1 081	2 891	2 026	-
Pertussis	3	12	11	22	43	63	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	-	-	-	-	-
Tetanus (total)	0	1	3	1	3	-	-
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99	99	99	99	96	-	-
DTP1	-	-		97	98	-	-	-	-	-
DTP3	-	-	97	97	98	99	99	97	-	-
HepB3	-	-	97	97	-	-	-	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	97	97	99	99	98	98	-	-
Pol3	-	-	99	100	99	99	99	98	-	-
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	82	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	89
Percent reporting completeness, DTP3 coverage	89		From 70 to 79%	
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		11

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DT	6 years;		
DTwP	2, 3, 4, 8 months;		
HepB	birth; 2, 4 months;		
Measles	12 months; 6 years;		
OPV	birth; 2, 3, 4, 18 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Bahamas



Infant (under 12 months) mortality rate ^{2§} 18 Child (under 5 years) mortality rate ^{2§} 25

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	310	307	303	299	296	255	210
Births	6	6	6	6	6	6	5
Surviving infants	6	6	6	6	6	6	5
Pop. less than 5 years	30	30	30	31	31	28	26
Pop. less than 15 years	90	90	90	90	90	83	81
Female 15-49 years	86	85	84	83	82	70	53

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	72	484
Pertussis	0	0	0	0	0	0	15
Polio	-	0	-	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	0	0	3
Yellow fever	-	0	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	99*	-	-	-	-	-
DTP3	-	-	98	-	99	82	89	87	36	
HepB3	-	-	21	-	-	-	-	-	-	
Hib3	-	-	-	-	90	77	-	-	-	
MCV	-	-	92	-	93	86	92	99	-	
Pol3	-	-	98	-	91	82	88	86	35	
TT2plus	-	-	-	-	-	-	-	-	-	
VitA	-	-	-	-	-	-	-	-	-	
YFV	-	-	-	-	-	-	-	-	-	

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	4 years;		
DTP	2, 4, 6, 15 months;		
Hib	2, 4, 6 months, 4 years;		
MMR	1, 4 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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Bangladesh



Development status	Least developed	GNI per capita (US\$)	1 370	GDP per capita (US\$)	1 602
Infant (under 12 months) mortality rate	^{2§}	65	Child (under 5 years) mortality rate	^{2§}	91

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	143 809	140 880	137 952	135 025	132 103	109 402	85 004
Births	4 192	4 207	4 226	4 242	4 251	4 067	3 586
Surviving infants	3 929	3 935	3 937	3 933	3 924	3 616	3 043
Pop. less than 5 years	19 399	19 376	19 330	19 260	19 167	17 310	14 243
Pop. less than 15 years	55 134	54 618	54 062	53 472	52 846	46 061	37 302
Female 15-49 years	35 646	34 733	33 813	32 882	31 946	25 386	18 804

Number of reported cases

Diphtheria	73	122	21	58	123	711	1 559
Measles	3 484	4 414	5 098	5 666	6 522	1 705	11 077
Pertussis	587	16	252	520	814	4 879	12 436
Polio	0	0	198	393	299	374	65
Tetanus (neonatal)	336	436	376	479	910	740	1 068
Tetanus (total)	1 036	1 221	1 155	1 814	1 991	2 511	2 855
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	95	95	94	95	94	92	91	-
DTP1	-	-	-	86	87	88	-	-	-	-
DTP3	-	-	85	69	65	68	66	78	69	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	77	65	64	61	61	72	82	-
Pol3	-	-	85	70	66	68	66	78	69	-
TT2plus	-	-	-	89	90	89	85	86	73	2
VitA	-	-	-	79	94	68	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	64	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	11
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	39
			From 60 to 69%	31
			From 50 to 59%	17
			Lesser than 50%	2
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
HepB	6, 10, 14 weeks; [Part of country]		
Measles	9 months;		
OPV	6, 10, 14, 36 weeks;		
TT	first contact; +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.

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Barbados



Infant (under 12 months) mortality rate ^{2§} 11 Child (under 5 years) mortality rate ^{2§} 12

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	269	268	267	267	266	257	249
Births	3	3	3	3	3	3	4
Surviving infants	3	3	3	3	3	4	4
Pop. less than 5 years	17	17	17	17	17	20	22
Pop. less than 15 years	53	54	55	56	57	63	74
Female 15-49 years	77	77	77	76	76	69	63

Number of reported cases

Diphtheria	-	0	0	0	0	0	0
Measles	0	0	0	0	0	51	27
Pertussis	-	0	0	0	0	3	0
Polio	-	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	1	0	0	5	13
Yellow fever	-	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>					
BCG	-	-	-	-	92	-	-	95	-
DTP1	-	-	-	92	93	-	-	-	-
DTP3	-	-	84	84	94	87	93	91	60
HepB3	-	-	17	17	-	-	-	-	-
Hib3	-	-	-	17	-	-	-	-	-
MCV	-	-	92	92	91	86	97	87	41
Pol3	-	-	86	87	56	86	93	90	99
TT2plus	-	-	-	-	-	-	-	-	20
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

8 Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	5-6 years;		
DT	11 years;		
HepB	3, 4.5, 6 months;		
Hib	3, 4.5, 6 months;		
MMR	3-5 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Belarus



Development status	Economy in transition	GNI per capita (US\$)	1 2870	GDP per capita (US\$)	1 7 544
Infant (under 12 months) mortality rate	^{2§}	11	Child (under 5 years) mortality rate	^{2§}	15

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	9 940	9 986	10 034	10 083	10 132	0	0
Births	87	87	86	86	87	0	0
Surviving infants	86	85	85	87	90	0	0
Pop. less than 5 years	423	425	436	456	483	0	0
Pop. less than 15 years	1 696	1 786	1 873	1 957	2 038	0	0
Female 15-49 years	2 683	2 677	2 666	2 650	2 629	0	0

Number of reported cases

Diphtheria	7	25	52	38	36	22	-
Measles	14	45	21	153	517	224	-
Pertussis	70	86	169	272	262	462	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	4	2	1	3	2	-	-
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵							
	Year	Result	Estimates 2002								
BCG	-	-	99	99	99	99	99	99	99	91	-
DTP1	-	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	99	99	99	99	99	99	99	-	-
HepB3	-	-	99	99	93	70	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	-	-	99	99	99	98	98	98	98	96	-
Pol3	-	-	99	99	99	99	99	99	99	90	80
TT2plus	-	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	152	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 7 years;	OPV	4, 5, 18 months; 2, 7 years;
Dip	11 year;	Td	16, 26, 36, 36, 56 years; 66 years
DT	6 years;		
DTwP	3, 4, 5, 18 months;		
HepB	birth; 1, 5 months; 13 years; (immunization of teenagers takes place three times 0, 1, 6 months)		
IPV	3 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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Belgium



Infant (under 12 months) mortality rate ^{2§} 4 Child (under 5 years) mortality rate ^{2§} 6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	10 296	10 273	10 251	10 229	10 209	9 967	9 859
Births	112	112	112	112	112	120	119
Surviving infants	112	112	112	112	113	119	119
Pop. less than 5 years	560	563	568	575	585	598	611
Pop. less than 15 years	1 769	1 778	1 786	1 796	1 805	1 806	1 975
Female 15-49 years	2 437	2 445	2 453	2 463	2 474	2 440	2 377

Number of reported cases

Diphtheria	1	0	-	-	0	0	1
Measles	-	83	-	-	0	-	-
Pertussis	27	28	-	-	-	-	-
Polio	0	0	0	0	0	0	1
Tetanus (neonatal)	-	-	-	-	-	0	-
Tetanus (total)	1	3	-	-	0	2	4
Yellow fever	0	1	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵		
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>				
BCG	-	-	-	-	-	-	-
DTP1	-	-	-	95	-	-	-
DTP3	-	-	90	90	-	-	-
HepB3	-	-	50	50	-	-	-
Hib3	-	-	-	80	-	-	-
MCV	-	-	75	75	-	-	85
Pol3	-	-	95	95	-	-	95
TT2plus	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-

Number of districts in the country

43

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTaP	5-6 years;	MMR	12-15 months; 10-12 years; (catch up at 5-6 years if 1st dose not received)
DTaPIPv	2, 3, 4, 13-18 months; 5-6 years;	Td	5-6 years; [Part of country]
HepB	3, 4, 13-18 months; 10-12 years;		
Hib	2, 3, 4, 13-18 months;		
IPV	5-6 years;		
MenC_conj	12-15 months; (in addition to campaigns, routinely offered to 12-15 months since 2002)		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Belize



Infant (under 12 months) mortality rate ^{2§} 31 Child (under 5 years) mortality rate ^{2§} 42

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	251	245	240	235	230	186	144
Births	6	6	6	6	6	6	5
Surviving infants	7	7	7	6	7	6	5
Pop. less than 5 years	32	32	32	32	33	30	24
Pop. less than 15 years	95	95	94	93	93	82	67
Female 15-49 years	63	62	60	58	56	41	30

Number of reported cases

Diphtheria	0	0	0	0	0	1	0
Measles	0	0	0	0	0	25	607
Pertussis	0	0	0	0	0	3	11
Polio	0	0	0	0	0	0	3
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	1	1	0	1
Yellow fever	0	-	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	97	97	-	95	96	93	86	65
DTP1	-	-		99*	-	88	-	-	-	-
DTP3	-	-	89	89	-	89	87	87	91	47
HepB3	-	-	97	97	-	75	-	-	-	-
Hib3	-	-		89	-	-	-	-	-	-
MCV	-	-	89	89	-	96	82	84	86	21
Pol3	-	-	93	93	-	89	84	87	86	21
TT2plus	-	-		74	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	83
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	17
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; <5 years	VitaminA	every 6 months; <5 years
DT	2, 4, 6 months; 4, 12 years; (when necessary)		
DTPHibHep	2, 4, 6 months; <1 year only		
HepB	2, 4, 6 months; (contacts health personnel)		
MMR	12 months; (adults)		
OPV	2, 4, 6 months; 4, 12 years;		
Td	7 years; +4 weeks; (no booster needed - adults pregnant women)		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Benin



Development status	Least developed	GNI per capita (US\$)	1 370	GDP per capita (US\$)	1 990
Infant (under 12 months) mortality rate	^{2§}	94	Child (under 5 years) mortality rate	^{2§}	155

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	6 558	6 387	6 222	6 066	5 917	4 650	3 459
Births	274	269	264	260	255	221	179
Surviving infants	244	240	236	231	227	196	154
Pop. less than 5 years	1 145	1 123	1 102	1 083	1 065	914	653
Pop. less than 15 years	2 988	2 931	2 877	2 827	2 780	2 239	1 559
Female 15-49 years	1 551	1 501	1 453	1 407	1 362	1 031	789

Number of reported cases

Diphtheria	0	-	-	-	-	-	127
Measles	1 588	5 859	4 244	2 573	648	-	18 635
Pertussis	-	-	215	45	-	-	2 694
Polio	0	0	1	37	8	81	155
Tetanus (neonatal)	24	24	52	54	10	247	-
Tetanus (total)	-	-	288	296	15	-	499
Yellow fever	0	0	10	0	6	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	Year	Result	Estimates	2002						
BCG	2000	90 DHS	94	99*	99*	99*	99*	92	74	-
DTP1	2000	87 DHS		99*	99	99*	-	-	-	-
DTP3	2000	73 DHS	79	93	84	88	90	81	78	-
HepB3	-	-	15	15	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	68 DHS	78	88	81	85	92	82	73	-
Pol3	2000	69 DHS	72	93	84	88	90	81	78	-
TT2plus	2000	50 DHS		75	64	81	90	66	46	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-		27	-	-	-	-	-	-

Number of districts in the country	77	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	86
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	8
			From 60 to 69%	5
			From 50 to 59%	1
			Lesser than 50%	-
Proportion of districts not reporting DTP3 coverage				-

Immunization schedule:

Vaccine	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	first contact; +4 weeks; +6 months; +1, +1 year; 15-49 years		
YF	9 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Bhutan



Development status	Least developed	GNI per capita (US\$)	1 590	GDP per capita (US\$)	1 412
Infant (under 12 months) mortality rate	^{2§}	55	Child (under 5 years) mortality rate	^{2§}	82

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	2 190	2 125	2 063	2 004	1 948	1 696	1 318
Births	76	74	72	71	69	66	54
Surviving infants	70	69	67	66	65	61	47
Pop. less than 5 years	336	329	322	317	312	287	217
Pop. less than 15 years	915	898	882	865	848	715	545
Female 15-49 years	496	476	457	439	423	383	304

Number of reported cases

Diphtheria	-	1	1	142	0	-	5
Measles	27	756	418	9 920	66	173	1 642
Pertussis	-	0	18	466	0	3	464
Polio	-	0	0	0	2	0	6
Tetanus (neonatal)	-	-	0	49	0	1	-
Tetanus (total)	-	0	2	68	0	0	3
Yellow fever	-	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	2001	100 EPI	83	83	81	97	-	94	87	43
DTP1	2001	100 EPI	-	86	87	99	-	-	-	-
DTP3	2001	99 EPI	86	86	88	92	-	86	84	6
HepB3	2001	96 EPI	83	83	89	-	-	81	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2001	96 EPI	78	78	78	-	-	71	79	21
Pol3	2001	99 EPI	89	89	88	98	-	85	84	4
TT2plus	2001	86 EPI	-	-	78	76	-	80	63	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	85
Percent reporting completeness, DTP3 coverage			From 70 to 79%	15
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHep	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +4 weeks; +6 months; next pregnancy; next pregnancy;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Bolivia



Infant (under 12 months) mortality rate ^{2§} 57 Child (under 5 years) mortality rate ^{2§} 74

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 645	8 481	8 317	8 150	7 984	6 669	5 355
Births	255	256	256	257	257	243	211
Surviving infants	241	241	241	241	240	219	184
Pop. less than 5 years	1 193	1 192	1 190	1 187	1 184	1 038	865
Pop. less than 15 years	3 370	3 333	3 293	3 248	3 199	2 730	2 278
Female 15-49 years	2 105	2 058	2 013	1 968	1 925	1 600	1 260

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	5	3	1	2	8	4	31
Measles	0	0	122	1 441	1 004	820	4 181
Pertussis	27	55	10	16	44	159	2 377
Polio	0	0	0	0	0	0	48
Tetanus (neonatal)	3	3	2	2	9	46	0
Tetanus (total)	3	3	8	1	6	46	153
Yellow fever	15	4	7	68	57	50	46

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	93 MICS	94	99*	94	95	95	85	48	30
DTP1	1999	92 MICS		99*	97	98	-	-	-	-
DTP3	1999	72 MICS	81	99*	91	89	87	76	41	11
HepB3	-	-	81	-	91	-	-	-	-	-
Hib3	-	-		-	91	-	-	-	-	-
MCV	1999	79 MICS	79	-	99*	99*	99	77	53	13
Pol3	1999	57 MICS	79	99*	90	89	89	75	50	14
TT2plus	1999	54 MICS		-	-	-	-	-	-	-
VitA	-	-		-	96	19	-	-	-	-
YFV	-	-		10	40	12	-	-	-	-

Number of districts in the country	311	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	83
			From 70 to 79%	9
			From 60 to 69%	4
			From 50 to 59%	2
			Lesser than 50%	2
Percent reporting completeness, DTP3 coverage		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHibHep	2, 4, 6 months;		
MMR	12-23 months;		
OPV	birth; 2, 4, 6 months;		
VitaminA	6-11, 12-23 months;		
YF	12 months; (high risk areas)		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Bosnia and Herzegovina



Development status	Economy in transition	GNI per capita (US\$)	1 1230	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	^{2§}	14	Child (under 5 years) mortality rate	^{2§}	16	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 126	4 067	3 977	3 846	3 683	0	0
Births	39	38	38	37	37	0	0
Surviving infants	38	38	37	37	38	0	0
Pop. less than 5 years	204	205	205	202	197	0	0
Pop. less than 15 years	727	744	753	752	742	0	0
Female 15-49 years	1 141	1 127	1 103	1 066	1 019	0	0

Number of reported cases

Diphtheria	0	-	0	0	0	0	-
Measles	28	-	43	133	2 811	512	-
Pertussis	81	-	43	71	109	287	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	0	0	0	5	3	-	-
Yellow fever	0	-	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	95 MICS	91	91	95	93	100	92	-	-
DTP1	1999	93 MICS		86	94	90	-	-	-	-
DTP3	1999	88 MICS	80	80	91	85	90	89	-	-
HepB3	-	-	-	65	-	85	80	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	64 MICS	89	89	92	80	83	84	-	-
Pol3	1999	85 MICS	86	92	92	87	90	89	-	-
TT2plus	1999	- MICS		-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	16	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	69
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	25
			From 60 to 69%	6
		From 50 to 59%		
		Lesser than 50%		
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Td	14 years;
DT	7 years;	TT	18 years;
DTwP	2, 4, 6 months; 2, 4 years;		
HepB	7 years;		
MMR	2, 7 years;		
OPV	2, 4, 6 months; 2, 4 years; (7 years, 14 years)		
Rubella	14 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Botswana



Infant (under 12 months) mortality rate ^{2§} 57 Child (under 5 years) mortality rate ^{2§} 97

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 770	1 750	1 725	1 697	1 663	1 354	987
Births	54	54	54	53	53	48	43
Surviving infants	51	51	51	50	50	46	40
Pop. less than 5 years	247	246	245	243	241	225	192
Pop. less than 15 years	704	700	695	690	684	621	486
Female 15-49 years	455	451	444	435	425	324	226

Number of reported cases

Diphtheria	0	0	2	0	0	0	2
Measles	7	1	2 672	439	700	1 218	4 091
Pertussis	0	0	0	15	7	22	110
Polio	0	0	0	0	0	0	1
Tetanus (neonatal)	0	0	0	0	0	2	-
Tetanus (total)	0	0	0	0	-	2	0
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	99 MICS	99	77	72	73	67	66	50	-
DTP1	1999	99 MICS		99	82	94	-	-	-	-
DTP3	1999	97 MICS	97	87	74	85	85	82	56	-
HepB3	-	-	46	46	64	73	70	69	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	1999	90 MICS	90	79	77	84	74	80	55	-
Pol3	1999	97 MICS	97	85	75	85	72	73	53	-
TT2plus	1999	69 MICS		49	46	45	56	54	43	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	24	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	88
Percent reporting completeness, DTP3 coverage	93		From 70 to 79%	4
			From 60 to 69%	
			From 50 to 59%	8
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DT	7 years;		
DTwP	2, 3, 4, 18 months;		
HepB	birth; 2, 9 months;		
Measles	9 months;		
OPV	2, 3, 4, 18 months; 7 years;		
TT	pregnant women (or first contact); 4 weeks; 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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Brazil



Infant (under 12 months) mortality rate ^{2§} 39 Child (under 5 years) mortality rate ^{2§} 46

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	176 257	174 029	171 796	169 561	167 321	148 809	121 614
Births	3 506	3 494	3 474	3 455	3 441	3 610	3 863
Surviving infants	3 357	3 335	3 314	3 298	3 290	3 473	3 543
Pop. less than 5 years	16 579	16 499	16 445	16 421	16 423	17 577	17 036
Pop. less than 15 years	49 948	50 140	50 386	50 688	51 035	52 331	46 317
Female 15-49 years	49 712	48 987	48 207	47 373	46 490	38 853	30 209

Number of reported cases

Diphtheria	64	10	46	53	217	640	4 646
Measles	1	1	36	908	2 781	61 435	99 263
Pertussis	924	477	764	1 369	1 704	15 329	45 752
Polio	0	0	0	0	0	0	1 342
Tetanus (neonatal)	31	17	34	66	72	298	0
Tetanus (total)	268	129	346	629	750	1 547	3 098
Yellow fever	16	0	73	76	34	2	27

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1995	93 DHS	99	99*	90	90	99	99	79	56
DTP1	1995	95 DHS		97	90	99*	-	-	-	-
DTP3	1995	81 DHS	96	96	90	90	94	94	66	40
HepB3	-	-	89	89	95	95	83	13	-	-
Hib3	-	-		91	95	95	-	-	-	-
MCV	1995	87 DHS	93	93	95	99*	99	96	78	56
Pol3	1995	81 DHS	97	97	95	95	98	96	92	99
TT2plus	1995	45 DHS		47	99*	99*	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		96	39	99*	-	-	-	-

Number of districts in the country	5561	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	80
Percent reporting completeness, DTP3 coverage	12		From 70 to 79%	10
			From 60 to 69%	5
			From 50 to 59%	3
			Lesser than 50%	2
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (household contacts)	OPV	2, 4, 6, 15 months; (2 campaigns a year)
DTPHib	2, 4, 6, 15 months;	Td	7 years; booster every 10 years, pregnant women
HepB	birth; 1, 6 months; (vaccination until 20 years, including risk groups)	YF	9 months; 6 months (in risk areas, travelers and other risk groups) [Part of country]
Influenza	>59 years; risk groups		
MMR	1 year; (women who were not vaccinated during campaigns including post partum)		
MR	12-39 years; (national campaign)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Brunei Darussalam



Infant (under 12 months) mortality rate ^{2§} 6 Child (under 5 years) mortality rate ^{2§} 8

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	350	342	334	326	318	257	193
Births	8	8	8	8	7	7	5
Surviving infants	8	8	8	8	8	7	6
Pop. less than 5 years	39	38	38	38	38	34	29
Pop. less than 15 years	108	106	105	103	102	89	74
Female 15-49 years	101	98	96	93	90	68	46

Number of reported cases

Diphtheria	-	0	0	0	0	0	0
Measles	-	11	42	23	12	12	485
Pertussis	-	0	2	7	3	0	1
Polio	-	0	0	0	0	0	0
Tetanus (neonatal)	-	0	0	0	0	0	0
Tetanus (total)	-	-	0	0	0	0	0
Yellow fever	-	-	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	99	-	99	99*	98	96	95	-
DTP1	-	-	-	-	99*	99	-	-	-	-
DTP3	-	-	99	-	99*	99	92	97	99*	89
HepB3	-	-	99	-	99*	99*	93	99*	96	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	99	-	99*	99	94	99*	-	73
Pol3	-	-	99	-	99*	99	97	98	99*	89
TT2plus	-	-	-	-	-	72	45	52	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTP	6, 12-14, 18-22 weeks;		
HepB	birth, 1, 6 months;		
MMR	12 months; 10-13 years;		
OPV	6, 12-14, 18-22 weeks;		
TT	28, 32 weeks of pregnancy, next pregnancy;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Bulgaria



Development status	Economy in transition	GNI per capita (US\$)	1 1520	GDP per capita (US\$)	1 5 710
Infant (under 12 months) mortality rate	^{2§}	15	Child (under 5 years) mortality rate	^{2§}	19

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	7 965	8 033	8 099	8 162	8 223	8 718	8 862
Births	62	62	62	62	63	102	131
Surviving infants	61	61	62	63	65	107	133
Pop. less than 5 years	307	313	323	339	359	555	677
Pop. less than 15 years	1 179	1 227	1 276	1 324	1 373	1 782	1 962
Female 15-49 years	1 973	1 985	1 997	2 009	2 021	2 089	2 140

Number of reported cases

Diphtheria	0	0	0	0	0	0	2
Measles	0	8	46	24	80	147	10 763
Pertussis	82	81	106	123	40	26	154
Polio	0	3	0	0	0	0	15
Tetanus (neonatal)	0	0	0	-	0	0	0
Tetanus (total)	2	4	3	-	0	7	18
Yellow fever	0	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	98	98	98	97	-	98	99	-
DTP1	-	-		90	95	95	-	-	-	-
DTP3	-	-	94	93	94	93	-	96	99	-
HepB3	-	-	93	88	93	91	-	97	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	90	92	90	89	-	96	98	-
Pol3	-	-	94	94	94	98	-	97	99	-
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	28	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	32
Percent reporting completeness, DTP3 coverage	100			68
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6, 10, 16 years; (2nd, 3rd and 4th dose if Mantoux negative)	Td	12, 17, 25, 35 years;
DT	6 years;	TT	45, 55, 65, 75, 85 years;
DTwP	2, 3, 4, 16-24 months;		
HepB	birth; 1, 6 months;		
MR	13 months; 12 years;		
OPV	2, 3, 4, 14 months; 22 months-6 years; gypsy minorities (OPV – 0 dose at birth)		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Burkina Faso



Development status	Least developed	GNI per capita (US\$)	1 210	GDP per capita (US\$)	1	976
Infant (under 12 months) mortality rate	2§	94	Child (under 5 years) mortality rate	2§	162	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	12 624	12 259	11 905	11 563	11 233	8 921	6 820
Births	606	592	579	566	553	440	346
Surviving infants	537	524	511	497	483	381	293
Pop. less than 5 years	2 493	2 426	2 358	2 288	2 216	1 759	1 346
Pop. less than 15 years	6 173	5 997	5 824	5 655	5 490	4 362	3 358
Female 15-49 years	2 821	2 738	2 659	2 584	2 511	1 980	1 484

Number of reported cases

Diphtheria	0	-	0	0	-	0	725
Measles	1 744	4 174	6 074	5 516	-	9 804	13 713
Pertussis	212	238	351	340	-	713	3 888
Polio	1	0	0	5	-	18	145
Tetanus (neonatal)	4	12	22	19	-	100	-
Tetanus (total)	4	12	-	31	-	50	746
Yellow fever	288	0	0	3	2	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1998	72 DHS	72	90	80	80	76	77	-	-
DTP1	1998	78 DHS		89	86	84	-	-	-	-
DTP3	1998	41 DHS	41	69	68	57	34	40	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1998	46 DHS	46	64	69	59	29	45	-	-
Pol3	1998	42 DHS	42	69	68	57	34	40	-	-
TT2plus	1998	34 DHS		44	37	-	30	21	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	61	52	56	33	-	-	-

Number of districts in the country	53	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	23
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	30
			From 60 to 69%	19
			From 50 to 59%	23
			Lesser than 50%	6
Proportion of districts not reporting DTP3 coverage			-1	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	2, 3, 4 months;		
Measles	9 months;		
OPV	birth; 2, 3, 4 months;		
TT	pregnant women; CBAW (8 districts at risk)		
YF	9 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Burundi



Development status	Least developed	GNI per capita (US\$)	1 110	GDP per capita (US\$)	1	591
Infant (under 12 months) mortality rate	2§	108	Child (under 5 years) mortality rate	2§	190	

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	6 602	6 412	6 267	6 169	6 114	5 609	4 130
Births	292	283	276	269	264	262	191
Surviving infants	253	246	239	234	231	227	161
Pop. less than 5 years	1 161	1 130	1 109	1 096	1 092	1 056	731
Pop. less than 15 years	3 093	3 047	3 008	2 975	2 947	2 548	1 848
Female 15-49 years	1 506	1 446	1 400	1 372	1 360	1 309	968

Number of reported cases							
Diphtheria	-	-	0	0	-	0	6
Measles	1 016	-	18 363	2 928	1 449	13 282	49 227
Pertussis	154	-	72	351	94	529	9 613
Polio	0	0	0	1	0	10	43
Tetanus (neonatal)	45	-	16	32	18	25	-
Tetanus (total)	71	-	33	59	68	65	256
Yellow fever	-	-	-	0	0	-	-

	Percentage of target population vaccinated, by antigen									
	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	84 MICS	84	99*	70	80	71	58	96	-
DTP1	1999	86 MICS		99*	70	74	-	-	-	-
DTP3	1999	74 MICS	74	95	64	64	63	50	85	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	75 MICS	75	67	54	57	47	44	74	-
Pol3	1999	65 MICS	69	89	61	64	59	55	85	-
TT2plus	1999	- MICS		42	32	28	2	9	56	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	94
Percent reporting completeness, DTP3 coverage			From 70 to 79%	6
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	CBAW (15-49 years) & pregnant women; first contact; +1, +6 months; +1, +1 year;		
VitaminA	9 months; (6 months-5 years during campaign)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Cambodia



Development status	Least developed	GNI per capita (US\$)	1 260	GDP per capita (US\$)	1	1 446
Infant (under 12 months) mortality rate	2§	74	Child (under 5 years) mortality rate	2§	108	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	13 810	13 478	13 147	12 817	12 488	9 744	6 613
Births	468	464	461	458	455	420	324
Surviving infants	430	426	423	419	415	372	212
Pop. less than 5 years	2 086	2 066	2 046	2 026	2 005	1 832	829
Pop. less than 15 years	5 791	5 731	5 686	5 662	5 653	4 411	2 660
Female 15-49 years	3 397	3 291	3 177	3 052	2 920	2 365	1 821

Number of reported cases

Diphtheria	0	0	0	-	0	179	1 559
Measles	1 361	3 761	12 237	13 827	1 993	2 473	32 240
Pertussis	320	4 714	2 068	618	438	1 690	86 334
Polio	0	0	0	0	0	63	591
Tetanus (neonatal)	169	165	295	173	84	-	-
Tetanus (total)	966	913	169	425	321	219	2 089
Yellow fever	0	-	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	1999	71 DHS	63	63	64	81	78	76	52	-
DTP1	1999	68 DHS		61	65	78	-	-	-	-
DTP3	1999	49 DHS	54	54	60	59	64	64	38	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	55 DHS	52	52	59	65	63	63	34	-
Pol3	1999	52 DHS	54	54	59	62	65	64	39	-
TT2plus	1999	30 DHS		36	40	40	33	31	-	-
VitA	-	-		48	45	40	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	73	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	14
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	23
			From 60 to 69%	34
			From 50 to 59%	18
			Lesser than 50%	11
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	15-44 years; +1, +6 months; +1, +1 year; CBAW & pregnant women
DTPHep	6, 10, 14 weeks; (1 province in 2002 extending to 3 provinces in 2003) [Part of country]	VitaminA	6-59 months; (twice a year, one dose post partum within 8 weeks of delivery)
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks; (from 2003 no birth dose)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Cameroon



Infant (under 12 months) mortality rate ^{2§} 89 Child (under 5 years) mortality rate ^{2§} 144

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	15 729	15 429	15 117	14 793	14 458	11 661	8 754
Births	560	556	551	545	539	491	396
Surviving infants	507	503	498	493	489	439	343
Pop. less than 5 years	2 423	2 404	2 385	2 369	2 354	2 063	1 587
Pop. less than 15 years	6 673	6 592	6 504	6 409	6 308	5 249	3 884
Female 15-49 years	3 704	3 613	3 519	3 422	3 323	2 588	1 955

Number of reported cases

Diphtheria	-	-	-	-	-	0	-
Measles	1 448	23 934	14 629	10 894	10 731	21 150	-
Pertussis	-	-	-	-	-	5 498	-
Polio	0	0	0	1	16	38	255
Tetanus (neonatal)	322	207	279	238	197	382	-
Tetanus (total)	-	-	0	-	-	128	-
Yellow fever	0	0	-	-	-	173	7

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	78 MICS	77	76	66	69	66	63	52	-
DTP1	1999	69 MICS		71	54	62	-	-	-	-
DTP3	1999	45 MICS	48	63	43	54	48	48	36	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	62 MICS	62	53	47	49	46	47	36	-
Pol3	1999	50 MICS	48	63	43	53	48	48	34	-
TT2plus	1999	63 MICS		45	36	40	44	38	12	-
VitA	-	-		28	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	144	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	18
Percent reporting completeness, DTP3 coverage	98		From 70 to 79%	14
			From 60 to 69%	21
			From 50 to 59%	20
			Lesser than 50%	27
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first prenatal visit; +1, +6 months; +1, +1 year;		
VitaminA	9, 15, 21, 27, 33 months;		
YF	9 months; (from 2003)		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Canada



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	31 271	31 025	30 769	30 505	30 232	27 701	24 516
Births	322	327	331	336	342	391	368
Surviving infants	325	330	335	341	349	383	363
Pop. less than 5 years	1 688	1 719	1 758	1 806	1 860	1 931	1 792
Pop. less than 15 years	5 745	5 801	5 852	5 899	5 939	5 733	5 575
Female 15-49 years	8 036	8 016	7 993	7 966	7 935	7 482	6 544

Number of reported cases

Diphtheria	2	1	0	1	0	5	55
Measles	7	34	206	29	12	1 033	13 864
Pertussis	2 557	2 678	4 055	5 377	7 519	8 030	2 873
Polio	0	-	0	0	0	0	0
Tetanus (neonatal)	0	0	0	-	-	0	0
Tetanus (total)	0	6	1	1	1	3	2
Yellow fever	0	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>	
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>			
BCG	-	-	-	-	-	-
DTP1	-	-	-	-	-	-
DTP3	-	-	97	-	-	97
HepB3	-	-	-	-	-	-
Hib3	-	-	-	-	-	-
MCV	-	-	96	-	-	96
Pol3	-	-	89	-	-	-
TT2plus	-	-	-	-	-	-
VitA	-	-	-	-	-	-
YFV	-	-	-	-	-	-

Number of districts in the country

13

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTaP	2, 4, 6, 18 months; 4-6, 14-16 years;	Varicella	1-12 years; (implemented in selected regions) [Part of country]
Hib	2, 4, 6, 18 months;		
IPV	2, 4, 6, 18, 48-72 months;		
MenC_conj	2, 4, 6 months; (implemented in selected regions) [Part of country]		
MMR	12, 18 months or 4-6 years;		
Pneumo_conj	2, 4, 6, 12 months; (implemented in selected regions) [Part of country]		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Cape Verde



Development status	Least developed	GNI per capita (US\$)	1 1330	GDP per capita (US\$)	1 4 863
Infant (under 12 months) mortality rate	2§	30	Child (under 5 years) mortality rate	2§	37

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	454	445	436	427	418	349	289
Births	12	12	12	12	12	13	10
Surviving infants	12	12	12	12	12	13	10
Pop. less than 5 years	60	60	60	60	60	62	49
Pop. less than 15 years	181	181	181	181	180	163	133
Female 15-49 years	119	115	111	107	103	78	67

Number of reported cases

Diphtheria	0	0	0	-	0	0	2
Measles	0	0	2	1	289	0	1 279
Pertussis	0	0	0	-	47	0	290
Polio	0	0	56	0	0	0	17
Tetanus (neonatal)	1	0	1	1	1	6	-
Tetanus (total)	1	1	2	1	7	8	40
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	2001	99 EPI	92	92	84	92	75	84	97	-
DTP1	2001	- EPI		96	79	93	-	-	-	-
DTP3	2001	85 EPI	94	94	78	86	69	80	88	-
HepB3	-	-	40	40	-	-	-	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	2001	75 EPI	85	85	72	80	61	66	79	-
Pol3	2001	85 EPI	94	94	77	86	70	79	87	-
TT2plus	2001	- EPI		-	26	45	52	51	90	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	82
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	18
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	1.5, 2.5, 3.5, 15 months;		
HepB	birth; 1.5, 3.5 months;		
Measles	9 months; [Part of country]		
OPV	1.5, 2.5, 3.5, 15 months;		
TT	first visit; +4 weeks; +6 months; +1, +1 year; CBAW		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Central African Republic



Development status	Least developed	GNI per capita (US\$)	1 280	GDP per capita (US\$)	1 172
Infant (under 12 months) mortality rate	^{2§}	101	Child (under 5 years) mortality rate	^{2§}	173

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 819	3 770	3 715	3 653	3 585	2 943	2 306
Births	144	143	143	143	142	125	100
Surviving infants	129	129	129	128	127	109	86
Pop. less than 5 years	617	614	610	604	596	504	395
Pop. less than 15 years	1 645	1 623	1 599	1 571	1 540	1 268	971
Female 15-49 years	895	885	874	860	845	685	542

Number of reported cases

Diphtheria	0	0	0	0	-	0	8
Measles	938	2 837	3 207	600	146	1 275	8 280
Pertussis	10	1 358	-	0	16	46	4 340
Polio	0	0	3	18	6	28	21
Tetanus (neonatal)	32	38	37	48	16	32	-
Tetanus (total)	-	-	37	-	-	34	217
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	70	66	38	47	-	53	93	17
DTP1	-	-	-	29	36	46	-	-	-	-
DTP3	-	-	40	23	23	29	-	45	61	13
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	35	39	29	34	-	39	67	12
Pol3	-	-	40	13	22	31	-	47	57	13
TT2plus	-	-	-	15	18	20	-	6	65	9
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	31	24	19	-	-	-	-

Number of districts in the country	24	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	4
Percent reporting completeness, DTP3 coverage	88		From 70 to 79%	
			From 60 to 69%	4
		From 50 to 59%	92	
		Lesser than 50%	-	
Proportion of districts not reporting DTP3 coverage				

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14, 18 weeks;		
TT	first contact; +1, +6 months; +1, +1 year;		
	CBAW		
YF	9 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Chad



Development status	Least developed	GNI per capita (US\$)	1 200	GDP per capita (US\$)	1	871
Infant (under 12 months) mortality rate	2§	116	Child (under 5 years) mortality rate	2§	201	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 348	8 103	7 861	7 623	7 389	5 822	4 505
Births	405	393	381	369	357	282	217
Surviving infants	348	336	325	314	304	238	181
Pop. less than 5 years	1 593	1 541	1 491	1 444	1 399	1 088	823
Pop. less than 15 years	3 902	3 778	3 657	3 538	3 421	2 644	1 997
Female 15-49 years	1 846	1 794	1 743	1 692	1 641	1 298	1 011

Number of reported cases

Diphtheria	-	-	-	-	-	-	-
Measles	7 277	24 908	3 546	6 868	12 371	7 226	-
Pertussis	-	-	-	-	5 898	-	-
Polio	0	0	60	110	4	-	-
Tetanus (neonatal)	446	475	142	212	652	738	-
Tetanus (total)	-	-	-	-	1 110	1 603	8
Yellow fever	-	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	2001	52 -	67	67	44	50	57	43	-	-
DTP1	2001	44 -		68	32	45	-	-	-	-
DTP3	2001	26 -	40	40	27	28	33	23	20	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2001	26 -	55	55	36	42	49	30	-	-
Pol3	2001	26 -	40	40	24	29	34	24	16	-
TT2plus	2001	19 -			11	12	-	27	8	-
VitA	-	-		75	-	-	-	-	-	-
YFV	-	-		52	33	36	43	-	-	-

Number of districts in the country	54	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	7
Percent reporting completeness, DTP3 coverage	96		From 70 to 79%	9
			From 60 to 69%	2
			From 50 to 59%	6
			Lesser than 50%	76
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	1.5, 2.5, 3.5 months;		
Measles	9 months;		
OPV	birth; 1.5, 2.5, 3.5 months;		
TT	first contact; +1, +6 months; +1, +2 years; CBAW 15-49 years		
VitaminA	6 months;		
YF	9 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Chile



Infant (under 12 months) mortality rate ^{2§} 12 Child (under 5 years) mortality rate ^{2§} 14

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	15 613	15 419	15 224	15 027	14 829	13 100	11 147
Births	285	286	288	290	291	298	258
Surviving infants	283	285	287	288	290	293	248
Pop. less than 5 years	1 426	1 433	1 441	1 448	1 455	1 435	1 227
Pop. less than 15 years	4 333	4 334	4 328	4 314	4 291	3 938	3 735
Female 15-49 years	4 095	4 046	3 998	3 952	3 907	3 515	2 876

Number of reported cases

Diphtheria	-	0	0	0	0	36	253
Measles	0	0	0	31	6	1 958	3 844
Pertussis	1 711	1 611	3 554	3 178	2 482	59	2 795
Polio	-	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	1	0	0	0
Tetanus (total)	6	11	5	15	15	22	31
Yellow fever	-	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	94	-	-	97	94	97	94	88
DTP1	-	-	-	-	-	98	-	-	-	-
DTP3	-	-	94	-	-	97	94	93	97	85
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	94	-	-	-	-
MCV	-	-	95	-	-	97	96	94	82	99
Pol3	-	-	95	-	-	98	95	93	97	77
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 343
 Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth, 6 years;		
DTP	2, 4, 6, 18 months, 4 years;		
Hib	2, 4, 6 months;		
MMR	1, 6 years;		
OPV	2, 4, 6, 18 months, 4 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - China



Infant (under 12 months) mortality rate ^{2§} 37 Child (under 5 years) mortality rate ^{2§} 44

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 294 867	1 285 229	1 275 215	1 264 764	1 253 879	1 155 305	998 877
Births	18 857	19 106	19 427	19 777	20 111	23 598	20 222
Surviving infants	18 391	18 681	18 999	19 300	19 552	23 339	19 101
Pop. less than 5 years	93 918	95 302	96 586	97 610	98 424	118 998	99 830
Pop. less than 15 years	306 426	312 183	316 702	319 768	321 560	319 875	354 633
Female 15-49 years	354 963	352 419	349 745	346 947	344 019	312 310	237 460

Number of reported cases

Diphtheria	11	12	19	16	40	421	9 767
Measles	58 341	88 962	71 093	61 840	53 030	85 705	1 122 285
Pertussis	6 293	6 407	5 561	5 974	7 134	20 015	613 648
Polio	0	0	0	1	0	5 065	7 442
Tetanus (neonatal)	2 136	2 608	3 230	3 616	3 777	-	-
Tetanus (total)	-	-	-	-	-	-	-
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	77	98	77	85	98	96	99	-
DTP1	-	-	-	98	79	-	-	-	-	-
DTP3	-	-	79	98	79	85	85	98	97	-
HepB3	-	-	79	96	65	60	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	65	98	79	-	85	97	98	-
Pol3	-	-	79	98	79	90	85	98	98	-
TT2plus	1994	- MICS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	2861	Proportion of districts reporting DTP3 coverage of <ul style="list-style-type: none"> Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50% 	97
Percent reporting completeness, DTP3 coverage	97		3
Proportion of districts not reporting DTP3 coverage			

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	18-35 years; +1, +6 months; CBAW
DT	7 years;		
DTaP	3, 4, 5, 18 months; [Part of country]		
DTwP	3, 4, 5, 18 months;		
HepB	birth; 1, 6 months;		
Measles	8 months; 7 years;		
OPV	2, 3, 4 months; 4 years;		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Colombia



Infant (under 12 months) mortality rate ^{2§} 26 Child (under 5 years) mortality rate ^{2§} 34

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	43 526	42 826	42 120	41 410	40 697	34 970	28 447
Births	975	977	980	981	983	961	889
Surviving infants	952	953	954	955	957	907	841
Pop. less than 5 years	4 743	4 749	4 757	4 768	4 780	4 406	4 090
Pop. less than 15 years	13 973	13 891	13 803	13 710	13 610	12 602	11 568
Female 15-49 years	11 850	11 673	11 488	11 295	11 095	9 258	6 926

Number of reported cases

Diphtheria	3	0	11	0	2	16	263
Measles	139	3	1	44	61	12 520	9 222
Pertussis	577	577	446	332	311	1 961	7 664
Polio	0	0	0	0	0	4	129
Tetanus (neonatal)	12	15	10	19	21	133	0
Tetanus (total)	37	25	27	11	12	167	593
Yellow fever	20	4	3	2	1	7	11

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	93 DHS	85	87	-	86	79	82	95	45
DTP1	1999	95 DHS	-	-	75	-	-	-	-	-
DTP3	1999	77 DHS	85	80	-	74	73	70	88	16
HepB3	1999	77 DHS	76	78	-	74	75	72	-	-
Hib3	-	-	-	68	-	61	-	-	-	-
MCV	1999	71 DHS	89	93	-	75	75	73	82	13
Pol3	1999	71 DHS	81	83	-	78	75	72	93	16
TT2plus	1994	57 DHS	-	-	-	-	-	-	-	3
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	1111	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	22
Percent reporting completeness, DTP3 coverage	36			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	YF	1 year; >1 year in risk areas [Part of country]
DTPHibHep	2, 4, 6 months;		
DTwP			
HepB	birth;		
MMR	1 year;		
OPV	2, 4, 6, 18 months; 5 years;		
Td	CBAW; pregnant women (in risk areas) [Part of country]		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Comoros



Development status	Least developed	GNI per capita (US\$)	1 380	GDP per capita (US\$)	1 588
Infant (under 12 months) mortality rate	2§	68	Child (under 5 years) mortality rate	2§	94

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	747	726	705	685	665	527	387
Births	27	27	26	26	25	21	19
Surviving infants	25	25	24	24	23	19	16
Pop. less than 5 years	121	119	116	113	110	92	75
Pop. less than 15 years	316	309	303	297	291	247	185
Female 15-49 years	181	175	169	163	157	117	84

Number of reported cases

Diphtheria	0	-	-	-	0	0	0
Measles	0	-	-	0	0	2 328	1 801
Pertussis	0	-	-	0	0	0	-
Polio	0	0	0	0	0	0	3
Tetanus (neonatal)	0	-	-	2	0	6	-
Tetanus (total)	0	-	-	2	0	-	-
Yellow fever	-	-	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	79 MICS	90	90	90	90	-	84	99	-
DTP1	1999	73 MICS		98	85	85	-	-	-	-
DTP3	1999	70 MICS	89	89	70	70	-	75	94	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	73 MICS	71	71	70	70	-	67	87	-
Pol3	1999	70 MICS	98	98	70	70	-	75	94	-
TT2plus	1999	41 MICS		-	40	40	-	22	77	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	29
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	18
			From 60 to 69%	12
			From 50 to 59%	18
			Lesser than 50%	24
Proportion of districts not reporting DTP3 coverage			-1	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
HepB	6, 10, 14 weeks; (being introduced in the districts)		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	14-49 years;		
VitaminA	9 months;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Congo



Infant (under 12 months) mortality rate ^{2§} 85 Child (under 5 years) mortality rate ^{2§} 123

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 633	3 542	3 447	3 348	3 244	2 494	1 804
Births	161	156	152	148	144	109	78
Surviving infants	143	140	136	132	128	98	69
Pop. less than 5 years	676	657	638	619	598	457	325
Pop. less than 15 years	1 699	1 649	1 599	1 549	1 499	1 141	820
Female 15-49 years	810	793	775	754	731	559	401

Number of reported cases

Diphtheria	0	0	-	0	-	0	2
Measles	2 788	2 152	1 678	313	174	3 608	11 892
Pertussis	38	31	0	17	-	52	11 198
Polio	0	0	47	10	0	0	136
Tetanus (neonatal)	8	8	2	3	-	18	80
Tetanus (total)	8	-	-	-	-	27	167
Yellow fever	-	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1989	90 EPI	51	51	53	50	39	-	86	-
DTP1	1989	90 EPI		49	42	-	-	-	-	-
DTP3	1989	79 EPI	41	41	31	33	29	-	77	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1989	75 EPI	37	37	35	34	23	-	77	-
Pol3	1989	79 EPI	41	41	32	-	29	-	94	-
TT2plus	-	-		41	39	39	33	-	52	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	94	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	1
Percent reporting completeness, DTP3 coverage	85		From 70 to 79%	1
			From 60 to 69%	1
			From 50 to 59%	97
		Proportion of districts not reporting DTP3 coverage	-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	2, 3, 4 months;		
Measles	9 months;		
OPV	2, 3, 4 months;		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Cook Islands



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	18	18	18	18	19	18	18
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	2	0	9	36	363
Pertussis	0	0	0	0	0	0	0
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	-
Tetanus (total)	0	0	0	0	0	0	1
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	95	95	99*	99*	74	99	99*	29
DTP1	-	-		99*	97	99	-	-	-	-
DTP3	-	-	99	99*	92	97	70	95	93	40
HepB3	-	-	99	99*	92	97	67	86	71	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	98	98	84	76	63	94	67	-
Pol3	-	-	99	99*	92	94	70	95	83	39
TT2plus	-	-		15	14	15	79	29	34	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	41	Proportion of districts reporting DTP3 coverage of	100
Percent reporting completeness, DTP3 coverage		Proportion of districts not reporting DTP3 coverage	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 5 years;		
DT			
DTwP	3, 6, 9 months;		
HepB	birth; 1, 6 months;		
Measles	9 months; 5 years;		
OPV	3, 6, 9 months;		
TT	10, 15 years;		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Costa Rica



Infant (under 12 months) mortality rate ^{2§} 11 Child (under 5 years) mortality rate ^{2§} 12

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 094	4 013	3 929	3 840	3 748	3 076	2 347
Births	78	78	78	79	79	82	70
Surviving infants	78	78	78	78	79	83	67
Pop. less than 5 years	394	395	397	398	399	411	318
Pop. less than 15 years	1 244	1 247	1 247	1 243	1 236	1 104	886
Female 15-49 years	1 095	1 067	1 038	1 008	978	773	572

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	23	27	76	1 000
Pertussis	32	51	23	11	29	75	960
Polio	-	0	0	0	0	0	0
Tetanus (neonatal)	-	0	0	0	0	0	2
Tetanus (total)	1	1	1	1	1	2	17
Yellow fever	-	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	91	-	-	92	89	87	92	80
DTP1	-	-	-	-	-	90	-	-	-	-
DTP3	-	-	94	-	-	88	86	85	95	86
HepB3	-	-	94	-	-	89	83	86	-	-
Hib3	-	-	-	-	-	94	68	-	-	-
MCV	-	-	94	-	-	82	88	83	90	60
Pol3	-	-	94	-	-	80	84	85	95	86
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

81

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHibHep	2, 4, 15 months, 4, 6 years;		
HepB	birth, 2, 4, 6 months;		
MMR	15 months; 6 years;		
OPV	2, 4, 6, 15 months;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Côte d'Ivoire



Infant (under 12 months) mortality rate ^{2§} 102 Child (under 5 years) mortality rate ^{2§} 171

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	16 365	16 098	15 827	15 553	15 275	12 505	8 427
Births	583	578	572	566	561	539	427
Surviving infants	519	514	509	504	500	485	362
Pop. less than 5 years	2 467	2 443	2 423	2 406	2 392	2 315	1 650
Pop. less than 15 years	6 836	6 803	6 766	6 722	6 672	5 775	3 825
Female 15-49 years	3 811	3 714	3 617	3 519	3 420	2 629	1 801

Number of reported cases

Diphtheria	0	0	-	-	0	-	-
Measles	7 633	5 790	5 729	4 824	12 289	17 799	7 633
Pertussis	0	0	-	-	-	3 052	-
Polio	-	0	1	9	38	28	47
Tetanus (neonatal)	20	19	30	83	95	364	-
Tetanus (total)	0	-	-	-	-	384	-
Yellow fever	158	80	-	1	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	2000	87 -	66	66	72	84	-	83	-
DTP1	2000	87 -		72	-	-	-	-	-
DTP3	2000	70 -	54	54	57	72	-	69	-
HepB3	-	-	48	48	10	-	-	-	-
Hib3	-	-		-	-	-	-	-	-
MCV	2000	69 -	56	56	61	73	-	62	-
Pol3	2000	70 -	54	54	57	72	-	69	56
TT2plus	2000	70 -		41	61	78	-	49	-
VitA	-	-		-	-	-	-	-	-
YFV	-	-		51	53	65	-	-	-

Number of districts in the country	65	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	3
Percent reporting completeness, DTP3 coverage	87		From 70 to 79%	17
			From 60 to 69%	15
			From 50 to 59%	22
			Lesser than 50%	43
		Proportion of districts not reporting DTP3 coverage	-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHep	6, 10, 14 weeks; [Part of country]		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	first contact; +1 month; +1, +1, +1 year; CBAW 15-49 years		
YF	9 months;		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Croatia



Development status	Economy in transition	GNI per capita (US\$)	1 4620	GDP per capita (US\$)	1 8 091
Infant (under 12 months) mortality rate	^{2§}	8	Child (under 5 years) mortality rate	^{2§}	10

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 439	4 445	4 446	4 438	4 422	0	0
Births	49	48	48	48	48	0	0
Surviving infants	49	48	48	48	48	0	0
Pop. less than 5 years	240	239	239	240	242	0	0
Pop. less than 15 years	748	756	765	774	784	0	0
Female 15-49 years	1 078	1 085	1 090	1 092	1 091	0	0

Number of reported cases

Diphtheria	0	0	0	0	0	0	-
Measles	6	8	9	31	648	119	-
Pertussis	176	130	196	333	445	304	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	8	14	18	13	8	-	-
Yellow fever	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99	97	99	96	97	-	-
DTP1	1995	- MICS		99*	94	-	-	-	-	-
DTP3	-	-	95	95	94	93	93	93	-	-
HepB3	-	-	-	97	98	-	-	-	-	-
Hib3	-	-		77	-	-	-	-	-	-
MCV	1995	- MICS	95	95	94	93	92	93	-	-
Pol3	1995	- MICS	95	95	94	94	93	93	-	-
TT2plus	1995	- MICS		-	97	97	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	110	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	100		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 1, 7, 13 years; (only PPD nonreactors)	OPV	4, 6 months; 1, 3 years; (6 years, 14 years)
DTaP	3 months;	Td	
DTwP	4, 6 months; 1, 3 years;	TT	60, 60, 61 years;
HepB	12, 12, 12 years; (& risk groups)		
Hib	2, 4, 6 months; 1 year;		
IPV	3 months;		
MMR	1, 6 years; +10 years; (catch up)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Cuba



Infant (under 12 months) mortality rate ^{2§} 7 Child (under 5 years) mortality rate ^{2§} 10

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	11 271	11 238	11 202	11 162	11 118	10 628	9 710
Births	131	133	136	140	143	174	153
Surviving infants	133	136	139	143	146	178	149
Pop. less than 5 years	686	701	717	732	746	889	794
Pop. less than 15 years	2 289	2 337	2 376	2 405	2 426	2 450	3 101
Female 15-49 years	3 031	3 027	3 025	3 025	3 028	3 007	2 427

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	12	3 924
Pertussis	0	0	0	0	0	70	131
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	3	2	1	2	4	7	26
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	99	99	99*	99	99	99	98	99
DTP1	-	-		99	99*	93	-	-	-	-
DTP3	-	-	99	99*	99*	95	94	99	92	67
HepB3	-	-	98	98	99*	98	99	98	-	-
Hib3	-	-		78	99*	74	99	-	-	-
MCV	-	-	98	93	99*	94	96	99	94	48
Pol3	-	-	98	99*	-	99	96	97	94	99
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	169	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Typhoid	5to; 8vo & 11no
DT	6 years;		
DTPHep	2, 4, 6, 18 months;		
Hib	2, 4, 6, 18 months;		
MMR	12 months;		
OPV	1 month-2years (x3); 9 years;		
Td	14 years; (reactivation)		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Cyprus



Infant (under 12 months) mortality rate ^{2§} 8 Child (under 5 years) mortality rate ^{2§} 8

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	796	789	783	776	770	681	611
Births	10	10	10	10	10	12	12
Surviving infants	10	10	10	10	10	13	12
Pop. less than 5 years	52	52	53	54	56	62	57
Pop. less than 15 years	176	178	181	183	185	176	149
Female 15-49 years	197	195	193	191	190	170	159

Number of reported cases

Diphtheria	0	-	0	0	0	0	0
Measles	0	-	0	0	1	4	0
Pertussis	1	-	6	12	5	4	0
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	-	0	0	0	0	0
Tetanus (total)	1	-	0	0	0	0	0
Yellow fever	0	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵		
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>				
BCG	-	-	-	-	-	-	-
DTP1	-	-	99*	99*	-	-	-
DTP3	-	-	98	98	-	-	34
HepB3	-	-	89	89	-	-	-
Hib3	-	-	32	32	-	-	-
MCV	-	-	86	86	-	-	29
Pol3	-	-	98	98	-	-	35
TT2plus	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-

Number of districts in the country 5 Proportion of districts reporting DTP3 coverage of $\left\{ \begin{array}{l} \text{Greater or equal to 80\%} \\ \text{From 70 to 79\%} \\ \text{From 60 to 69\%} \\ \text{From 50 to 59\%} \\ \text{Lesser than 50\%} \end{array} \right.$ 100

Percent reporting completeness, DTP3 coverage Proportion of districts not reporting DTP3 coverage -

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (given only to infants - contacts with known TB cases)	HepB	2, 4, 6-12 months;
DT	2, 4, 6, 15-20 months; 4-6 years; (if pertussis vaccine is contraindicated)	Hib	2, 4, 6, 12-18 months;
DTaP	2, 4, 6, 15-20 months; 4-6 years; (given only by the Private doctors)	Influenza	6 months; high risk groups (and >65 years)
DTwP	2, 4, 6, 15-20 months; 4-6 years; (given mainly by the Public sector)	MenC_conj	2, 4, 6, 13 months; (in the Public sector, given only to high risk groups; in the private sector, given universally)
		MMR	13 months; 4-6 years;
		OPV	2, 4, 6, 15-20 months; 4-6 years;

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Czech Republic



Development status	Economy in transition	GNI per capita (US\$)	1 5250	GDP per capita (US\$)	1 13 991
Infant (under 12 months) mortality rate	^{2§}	6	Child (under 5 years) mortality rate	^{2§}	6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	10 246	10 257	10 269	10 283	10 298	0	0
Births	90	89	87	86	87	0	0
Surviving infants	89	87	86	87	90	0	0
Pop. less than 5 years	438	441	452	471	499	0	0
Pop. less than 15 years	1 605	1 645	1 687	1 730	1 774	0	0
Female 15-49 years	2 559	2 577	2 595	2 614	2 634	0	0

Number of reported cases

Diphtheria	0	0	0	0	0	0	-
Measles	4	6	9	2	19	2 420	-
Pertussis	329	124	187	97	25	48	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	0	3	1	0	1	-	-
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	97	97	99	99	98	98	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	98	98	-	98	98	98	-	-
HepB3	-	-	86	86	-	-	-	-	-	-
Hib3	-	-	-	95	-	-	-	-	-	-
MCV	-	-	97	-	-	-	97	95	-	-
Pol3	-	-	97	97	97	97	98	97	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	86	Proportion of districts reporting DTP3 coverage of	100
Percent reporting completeness, DTP3 coverage		Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	4 days-6 weeks; 11 years;		
DTwP	5 years;		
DTwPHib	3, 4, 5, 18 months;		
HepB	3, 4, 9 months;		
MMR	15, 21 month;		
OPV	3-15, 5-17, 15-27, 17-29 months; 13 years;		
TT	14-16 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Infant (under 12 months) mortality rate ^{2§} 45 Child (under 5 years) mortality rate ^{2§} 58

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	22 541	22 409	22 268	22 120	21 962	19 956	17 196
Births	372	380	388	395	403	416	345
Surviving infants	363	370	377	384	391	397	321
Pop. less than 5 years	1 857	1 894	1 932	1 972	2 012	1 932	1 641
Pop. less than 15 years	5 862	5 887	5 902	5 909	5 906	5 362	5 970
Female 15-49 years	5 908	5 827	5 760	5 708	5 670	5 494	4 419

Number of reported cases

Diphtheria	0	0	-	0	0	0	18
Measles	0	0	-	0	0	0	0
Pertussis	1 087	87	304	50	32	58	0
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	-	0	6	0	-
Tetanus (total)	0	-	-	0	0	-	537
Yellow fever	-	-	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	82 MICS	-	97	82	82	82	64	99	50
DTP1	1999	91 MICS	-	65	91	82	-	-	-	-
DTP3	1999	96 MICS	-	64	62	80	87	37	98	50
HepB3	-	-	-	21	43	30	25	-	-	-
Hib3	-	-	-	-	-	0	-	-	-	-
MCV	1999	92 MICS	-	98	92	92	98	34	98	29
Pol3	1999	98 MICS	-	99*	98	98	99*	96	99	50
TT2plus	1999	74 MICS	-	97	80	84	-	5	98	-
VitA	-	-	-	99*	99*	99*	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	206	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			
				Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	1.5, 2.5, 3.5 months;		
HepB	birth; 1.5, 3.5 months;		
Measles	9 months;		
OPV	1.5, 2.5, 3.5 months;		
TT	3, 4 months; pregnant women		
VitaminA	2 doses per year at interval of 6 months (May & Nov.)		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Democratic Republic of the Congo



Development status	Least developed	GNI per capita (US\$)	1 -	GDP per capita (US\$)	1 -	-
Infant (under 12 months) mortality rate	2§	119	Child (under 5 years) mortality rate	2§	226	-

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	51 201	49 785	48 571	47 596	46 821	37 370	27 909
Births	2 594	2 528	2 462	2 395	2 329	1 831	1 355
Surviving infants	2 216	2 131	2 043	1 961	1 895	1 562	1 161
Pop. less than 5 years	9 800	9 426	9 129	8 924	8 798	7 134	5 330
Pop. less than 15 years	23 973	23 292	22 722	22 283	21 956	17 571	12 906
Female 15-49 years	11 438	11 120	10 840	10 604	10 406	8 274	6 300

Number of reported cases

Diphtheria	-	-	0	-	-	-	43
Measles	30 466	8 072	8 282	12 135	15 271	4 564	32 596
Pertussis	-	6 300	75	150	44	-	15 335
Polio	0	0	603	45	10	-	263
Tetanus (neonatal)	1 083	1 176	77	448	343	120	-
Tetanus (total)	4 763	1 369	77	-	-	-	848
Yellow fever	-	36	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	56 MICS	55	55	45	57	30	25	46	57
DTP1	1999	54 MICS		53	32	49	-	-	-	-
DTP3	1999	31 MICS	43	43	32	40	25	18	36	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	48 MICS	45	45	11	46	15	20	37	18
Pol3	1999	43 MICS	45	45	33	42	21	18	36	46
TT2plus	1999	48 MICS		44	22	25	9	10	37	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	322	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	15
Percent reporting completeness, DTP3 coverage	87		From 70 to 79%	9
			From 60 to 69%	9
			From 50 to 59%	12
			Lesser than 50%	54
		Proportion of districts not reporting DTP3 coverage	1	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
OPV	6, 10, 14 weeks;		
TT	first contact; +1, +6 months; +1, +2 years; pregnant women		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Denmark



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 7

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	5 351	5 338	5 322	5 305	5 287	5 140	5 123
Births	63	64	64	65	65	63	56
Surviving infants	64	65	65	65	66	61	59
Pop. less than 5 years	325	327	330	333	337	291	314
Pop. less than 15 years	990	983	973	962	949	876	1 068
Female 15-49 years	1 228	1 235	1 243	1 254	1 266	1 308	1 225

Number of reported cases

Diphtheria	0	0	0	-	-	0	0
Measles	32	11	14	-	-	180	28 249
Pertussis	323	200	164	-	-	569	4 970
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	-	-	0	0
Tetanus (total)	0	1	1	-	-	2	2
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	-	-	-	-	-	-	-	-	-
DTP1	-	-		97	97	-	-	-	-
DTP3	-	-	98	98	97	-	99	99	95
HepB3	-	-	-	-	-	-	-	-	-
Hib3	-	-		86	95	-	-	-	-
MCV	-	-	99	99*	94	-	92	91	84
Pol3	-	-	98	98	97	-	99	99	97
TT2plus	-	-		-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-

Number of districts in the country	16	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTaPHibIPV	3, 5, 12 months;		
MMR	15 months; 12 years;		
OPV	3, 4 years; (3 years, dose given to half the birth cohort)		
Rubella	18 years; (non immune women)		
Td	5 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Djibouti



Development status	Least developed	GNI per capita (US\$)	1 880	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	2§	103	Child (under 5 years) mortality rate	2§	178	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	693	681	666	648	626	528	327
Births	27	27	26	26	26	21	13
Surviving infants	24	24	24	24	23	19	11
Pop. less than 5 years	116	115	114	111	108	91	57
Pop. less than 15 years	298	294	287	280	270	228	146
Female 15-49 years	162	159	156	151	147	125	76

Number of reported cases

Diphtheria	-	0	0	2	2	0	411
Measles	50	79	183	341	198	104	-
Pertussis	2	34	48	-	-	25	-
Polio	-	0	0	1	0	7	-
Tetanus (neonatal)	-	0	0	0	0	0	-
Tetanus (total)	1	0	0	0	0	2	-
Yellow fever	-	0	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1995	97 MICS	52	52	38	34	26	35	95	-
DTP1	1995	97 MICS		72	65	66	-	-	-	-
DTP3	1995	94 MICS	62	62	53	46	23	23	85	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1995	89 MICS	62	62	49	50	23	21	85	-
Pol3	1995	94 MICS	62	62	49	46	24	23	85	-
TT2plus	1995	- MICS		34	29	15	14	16	80	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	5	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	5		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
Measles	9 months;		
OPV	birth;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Dominica



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	78	78	78	77	77	72	74
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	13	0
Pertussis	0	0	0	0	0	0	1
Polio	0	0	0	0	0	-	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	1	0	0	0	0	0	2
Yellow fever	-	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵							
	Year	Result	Estimates 2002								
BCG	-	-	98	98	99	99	99	99	99	99	65
DTP1	-	-	-	99	100	98	-	-	-	-	-
DTP3	-	-	98	98	99	99	99	99	99	96	63
HepB3	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	46	-	-	-	-	-
MCV	-	-	98	98	99*	99	99	98	98	91	-
Pol3	-	-	98	98	99	99	99	99	99	98	53
TT2plus	-	-	-	-	-	20	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	7	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	3 months;	Td	11-12 years;
DT	3 years;	TT	pregnant women if necessary
DTwP	3, 5, 7 months;		
HepB	(only health care workers, fire & prison officers) [Part of country]		
IPV	3, 5, 7 months; (HIV infected children)		
MMR	12, 18 months;		
OPV	3, 5, 7 months; 3, 11-12 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Dominican Republic



Infant (under 12 months) mortality rate ^{2§} 36 Child (under 5 years) mortality rate ^{2§} 54

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 616	8 485	8 353	8 220	8 085	7 058	5 696
Births	202	200	199	198	197	203	196
Surviving infants	194	192	190	189	188	194	177
Pop. less than 5 years	947	941	937	934	933	967	845
Pop. less than 15 years	2 797	2 797	2 799	2 802	2 805	2 711	2 407
Female 15-49 years	2 267	2 224	2 179	2 132	2 083	1 754	1 340

Number of reported cases

Diphtheria	35	47	52	44	25	27	187
Measles	0	113	254	274	14	3 477	9 760
Pertussis	10	19	40	21	20	227	558
Polio	0	3	11	0	0	0	148
Tetanus (neonatal)	1	0	4	1	0	12	14
Tetanus (total)	59	37	25	36	12	56	113
Yellow fever	0	-	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	94 MICS	99	99*	-	90	90	86	68	29
DTP1	1999	93 MICS		99*	-	-	-	-	-	-
DTP3	1999	62 MICS	72	82	-	78	83	80	69	36
HepB3	1999	31 MICS	63	63	-	68	76	41	-	-
Hib3	-	-		50	-	-	-	-	-	-
MCV	1999	80 MICS	92	92	-	88	96	95	96	30
Pol3	1999	59 MICS	73	86	-	67	84	80	90	46
TT2plus	1999	90 MICS		86	-	-	-	-	-	25
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	157	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	7
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	
			From 60 to 69%	
			From 50 to 59%	32
			Lesser than 50%	61
			Proportion of districts not reporting DTP3 coverage	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; <5 years;		
DT	CBWA & pregnant women		
DTPHibHep	birth; 2, 4, 6 months;		
Measles	9 months; (yearly booster. 9 months-4 years & population around cases)		
OPV	2, 4, 6 months;		
VitaminA	6 months; 4 years;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Ecuador



Infant (under 12 months) mortality rate ^{2§} 42 Child (under 5 years) mortality rate ^{2§} 55

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	12 810	12 616	12 420	12 223	12 025	10 264	7 961
Births	297	298	300	301	302	302	291
Surviving infants	286	287	288	289	290	285	267
Pop. less than 5 years	1 427	1 432	1 436	1 440	1 443	1 401	1 284
Pop. less than 15 years	4 243	4 239	4 232	4 224	4 214	3 997	3 408
Female 15-49 years	3 372	3 311	3 248	3 183	3 116	2 516	1 818

Number of reported cases

Diphtheria	4	1	1	5	21	3	16
Measles	0	2	0	0	0	1 646	2 722
Pertussis	302	308	482	204	248	487	836
Polio	0	0	0	0	0	1	11
Tetanus (neonatal)	9	8	6	14	24	88	28
Tetanus (total)	40	36	28	43	24	169	81
Yellow fever	0	8	2	3	4	12	2

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	99	99*	99*	99*	99	98	99	75
DTP1	-	-		99*	99*	99*	-	-	-	-
DTP3	-	-	89	89	90	88	80	85	75	10
HepB3	-	-	85	85	71	40	-	-	-	-
Hib3	-	-		-	99*	-	-	-	-	-
MCV	-	-	80	80	99*	-	99	88	67	24
Pol3	-	-	90	90	92	83	70	83	77	19
TT2plus	1988	48 DHS		-	49	31	-	-	-	2
VitA	-	-		-	-	84	-	-	-	-
YFV	-	-		99*	99*	28	-	-	-	-

Number of districts in the country	168	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	100		

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6-11, 6-59, every 6 months;
DT	6, 12 years;	YF	12 months; (Amazon region: Escolares) [Part of country]
DTwP	2, 4, 6, 18 months;		
HepB	birth; 1, 6 months; Amazon region (Escolares) [Part of country]		
MMR	12 months;		
OPV	2, 4, 6, 18 months;		
Td	first contact; +4 weeks; +1, +6 months; +2 years		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Egypt



Infant (under 12 months) mortality rate ^{2§} 41 Child (under 5 years) mortality rate ^{2§} 49

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	70 507	69 124	67 784	66 489	65 237	55 768	43 915
Births	1 875	1 841	1 807	1 774	1 748	1 807	1 741
Surviving infants	1 764	1 729	1 696	1 667	1 649	1 695	1 505
Pop. less than 5 years	8 537	8 395	8 284	8 205	8 157	8 394	7 117
Pop. less than 15 years	24 815	24 704	24 607	24 523	24 448	22 991	18 182
Female 15-49 years	18 128	17 671	17 215	16 763	16 314	12 980	10 112

Number of reported cases

Diphtheria	0	0	0	2	3	59	333
Measles	653	2 150	2 633	1 547	4 868	887	839
Pertussis	0	1	3	5	2	1	49
Polio	7	5	4	9	35	565	2 006
Tetanus (neonatal)	176	194	321	383	471	3 275	2 965
Tetanus (total)	673	732	597	996	1 198	4 952	6 644
Yellow fever	-	-	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴ Estimates 2002</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>								
BCG	<i>1999</i>	<i>99 DHS</i>	<i>98</i>	98	98	98	98	99	89	72
DTP1	<i>1999</i>	<i>99 DHS</i>		98	98	98	-	-	-	-
DTP3	<i>1999</i>	<i>94 DHS</i>	<i>97</i>	97	99	98	97	95	87	84
HepB3	<i>1999</i>	<i>93 DHS</i>	<i>97</i>	97	99	98	97	94	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	<i>1999</i>	<i>97 DHS</i>	<i>97</i>	97	97	98	96	98	87	78
Pol3	<i>1999</i>	<i>95 DHS</i>	<i>97</i>	97	99	98	97	95	87	84
TT2plus	<i>1999</i>	<i>36 DHS</i>		67	70	71	66	61	61	-
VitA	-	-		97	97	98	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country 249 Proportion of districts reporting DTP3 coverage of

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage -

Greater or equal to 80% 100
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth-3 months;	TT	first contact; +1, +6 months; +1, +1 year;
DTwP	2, 4, 6, 18 months;	VitaminA	9, 18 months;
HepB	2, 4, 6 months;		
IPV	2, 4 months;		
Measles	9 months;		
MMR	18 months;		
OPV	2, 4, 6, 9, 18 months;		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - El Salvador



Infant (under 12 months) mortality rate ^{2§} 27 Child (under 5 years) mortality rate ^{2§} 36

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	6 415	6 313	6 209	6 104	5 998	5 110	4 586
Births	163	163	164	164	164	154	167
Surviving infants	159	160	160	160	159	145	157
Pop. less than 5 years	790	790	788	785	781	703	772
Pop. less than 15 years	2 250	2 232	2 213	2 193	2 173	2 085	2 061
Female 15-49 years	1 687	1 658	1 628	1 598	1 569	1 247	1 029

Number of reported cases

Diphtheria	0	0	0	0	0	0	2
Measles	0	2	0	0	0	0	2 315
Pertussis	6	6	3	3	4	0	1 003
Polio	-	0	0	0	0	0	55
Tetanus (neonatal)	0	1	3	3	0	25	61
Tetanus (total)	1	7	13	7	12	-	98
Yellow fever	-	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	92	-	-	99	72	99	75	56
DTP1	-	-	-	-	-	87	-	-	-	-
DTP3	-	-	81	-	-	99	94	99	80	44
HepB3	-	-	75	-	-	99	1	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	93	-	-	97	99	99	98	45
Pol3	-	-	81	-	-	98	92	99	80	42
TT2plus	-	-	-	-	-	-	-	-	-	26
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 262 Proportion of districts reporting DTP3 coverage of $\left\{ \begin{array}{l} \text{Greater or equal to 80\%} \\ \text{From 70 to 79\%} \\ \text{From 60 to 69\%} \\ \text{From 50 to 59\%} \\ \text{Lesser than 50\%} \end{array} \right.$

Percent reporting completeness, DTP3 coverage Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTP	2, 3, 4, 15 months, 4-5 years;		
HepB	high risk only		
Measles	9 months;		
MMR	15 months-2 years;		
OPV	birth, 2, 3, 4, 15 months, 4-5 years;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Equatorial Guinea



Development status Least developed	GNI per capita (US\$) ¹ 800	GDP per capita (US\$) ¹ 15 073	
Infant (under 12 months) mortality rate ^{2§}	102	Child (under 5 years) mortality rate ^{2§}	174

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	481	468	456	444	433	354	219
Births	20	20	19	19	18	15	10
Surviving infants	18	18	17	17	16	13	8
Pop. less than 5 years	84	82	79	77	75	61	36
Pop. less than 15 years	211	205	199	193	188	149	90
Female 15-49 years	109	106	104	101	98	81	51

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	0	-	-	-	-	-
Measles	24	1 339	-	-	-	32	-
Pertussis	0	0	-	-	-	67	-
Polio	0	0	0	1	-	0	-
Tetanus (neonatal)	0	2	-	-	-	3	-
Tetanus (total)	0	2	-	-	-	-	-
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002	2002	2001	2000	1999	1998	1990	1980
BCG	1999	73 MICS	73	91	73	34	48	-	-	-
DTP1	1999	65 MICS	-	86	32	39	-	-	-	-
DTP3	1999	33 MICS	33	65	32	32	-	-	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	51 MICS	51	51	52	19	24	-	-	-
Pol3	1999	39 MICS	39	72	33	32	40	-	-	-
TT2plus	1999	52 MICS	-	13	13	30	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	18	Proportion of districts reporting DTP3 coverage of	
Percent reporting completeness, DTP3 coverage	72	<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 5px;">{</div> <div style="text-align: left; padding-left: 5px;"> Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50% </div> </div>	100
		Proportion of districts not reporting DTP3 coverage	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 20 years;		
DTwP	6, 10, 14 weeks; 15 months;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks; 15 months;		
TT	14 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Eritrea



Development status	Least developed	GNI per capita (US\$)	1 170	GDP per capita (US\$)	1	837
Infant (under 12 months) mortality rate	2§	74	Child (under 5 years) mortality rate	2§	107	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 991	3 847	3 712	3 584	3 464	3 103	2 381
Births	160	156	153	149	146	132	106
Surviving infants	145	141	138	135	132	119	92
Pop. less than 5 years	698	678	659	640	621	566	420
Pop. less than 15 years	1 816	1 757	1 700	1 645	1 593	1 423	1 054
Female 15-49 years	926	890	856	825	796	711	553

Number of reported cases

Diphtheria	-	-	-	-	-	-	-
Measles	460	204	789	320	316	-	-
Pertussis	149	130	152	132	119	-	-
Polio	-	0	8	7	0	-	-
Tetanus (neonatal)	3	1	4	1	4	-	-
Tetanus (total)	10	9	11	21	3	-	-
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	2001	91 DHS	91	75	70	61	64	71	-	-
DTP1	2001	91 DHS		75	70	59	-	-	-	-
DTP3	2001	83 DHS	83	70	65	52	56	60	-	-
HepB3	-	-	-	70	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2001	84 DHS	84	65	65	50	55	52	-	-
Pol3	2001	83 DHS	83	70	65	52	56	60	-	-
TT2plus	1999	87 MICS		50	65	25	28	34	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage of	{ Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	17
Percent reporting completeness, DTP3 coverage	100			33
				17
				33
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHep	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +1, +6 months; +1, +1 year; CBAW 15-45 years		
VitaminA	6 months-5 years;		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Estonia



Development status	Economy in transition	GNI per capita (US\$)	1 3580	GDP per capita (US\$)	1	10 066
Infant (under 12 months) mortality rate	^{2§}	10	Child (under 5 years) mortality rate	^{2§}		12

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 338	1 353	1 367	1 380	1 393	0	0
Births	11	11	11	11	11	0	0
Surviving infants	11	11	12	12	12	0	0
Pop. less than 5 years	58	59	60	62	65	0	0
Pop. less than 15 years	223	235	246	257	266	0	0
Female 15-49 years	339	341	342	343	345	0	0

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	2	2	0	0	0	-
Measles	0	0	9	12	17	33	-
Pertussis	215	319	503	235	344	87	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	0	1	1	1	1	-	-
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99	99*	99*	99	95	-	-
DTP1	-	-	-	89	0	-	-	-	-	-
DTP3	-	-	97	97	94	93	95	94	-	-
HepB3	-	-	-	90	0.3	-	-	-	-	-
Hib3	-	-	-	-	0	-	-	-	-	-
MCV	-	-	95	95	95	93	92	89	-	-
Pol3	-	-	98	98	94	93	95	94	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	15	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			
				Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (for 2003 excluded BCG2 at 8 years)		
DTwP	3, 4.5, 6 months;		
HepB	birth; 1, 6 months; risk groups (for 2003 included HepB for newborns)		
MMR	12 months; 13 years;		
OPV	3, 4.5, 6 months; 2, 7 years;		
Td	7, 12, 17, 27, 37 years; (booster every 10 years)		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Ethiopia



Development status	Least developed	GNI per capita (US\$)	1 100	GDP per capita (US\$)	1	668
Infant (under 12 months) mortality rate	2§	101	Child (under 5 years) mortality rate	2§	175	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	68 961	67 266	65 590	63 936	62 299	48 856	35 688
Births	2 948	2 906	2 865	2 823	2 779	2 361	1 742
Surviving infants	2 609	2 568	2 526	2 482	2 435	2 019	1 463
Pop. less than 5 years	12 235	12 017	11 797	11 574	11 348	9 262	6 606
Pop. less than 15 years	31 513	30 831	30 129	29 405	28 661	22 322	16 161
Female 15-49 years	15 555	15 145	14 750	14 373	14 010	11 076	8 134

Number of reported cases

Diphtheria	-	-	-	125	19	61	142
Measles	3 332	2 366	1 660	5 329	1 603	1 836	10 690
Pertussis	-	-	-	733	749	922	23 429
Polio	0	1	152	131	55	81	234
Tetanus (neonatal)	56	11	20	35	16	39	-
Tetanus (total)	-	-	-	480	365	140	409
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³	<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵							
	Year	Result	Estimates 2002							
BCG	2000	76 EPI	76	53	56	51	50	47	70	-
DTP1	2000	74 EPI		59	63	50	-	-	-	-
DTP3	2000	56 EPI	56	49	51	42	40	37	49	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	52 EPI	52	40	-	37	32	29	38	4
Pol3	2000	57 EPI	57	49	50	42	40	37	49	3
TT2plus	2000	55 EPI		24	29	32	31	24	16	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	78	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	12
Percent reporting completeness, DTP3 coverage	90	coverage of	From 70 to 79%	5
			From 60 to 69%	6
			From 50 to 59%	18
			Lesser than 50%	59
		Proportion of districts not reporting DTP3 coverage	-	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	+9 months; [Part of country]		
OPV	6, 10, 14 weeks;		
TT	first contact; +1, +6 months; +1 year; CBAW 15-49 years		
VitaminA	9 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Fiji



Infant (under 12 months) mortality rate ^{2§} 18 Child (under 5 years) mortality rate ^{2§} 22

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	831	822	814	805	796	724	634
Births	19	19	20	20	20	20	20
Surviving infants	20	20	20	20	20	20	20
Pop. less than 5 years	96	96	97	97	96	95	87
Pop. less than 15 years	271	271	271	272	272	274	248
Female 15-49 years	218	216	214	212	209	184	161

Number of reported cases

Diphtheria	0	0	-	-	-	0	0
Measles	304	17	-	-	-	32	913
Pertussis	0	10	-	-	-	1	13
Polio	0	0	-	0	-	0	0
Tetanus (neonatal)	0	0	-	-	-	0	1
Tetanus (total)	0	2	-	-	-	1	1
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	99	99*	99*	-	-	95	99*	95
DTP1	-	-		96	99*	-	-	-	-	-
DTP3	-	-	92	92	90	-	-	86	82	68
HepB3	-	-	78	78	93	-	-	98	-	-
Hib3	-	-		85	82	-	-	-	-	-
MCV	-	-	88	88	90	-	-	75	72	32
Pol3	-	-	99	99*	99*	-	-	88	87	55
TT2plus	-	-		98	80	-	-	-	6	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country

19

Proportion of districts reporting DTP3 coverage of }
Greater or equal to 80% 100
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6 years;		
DTPHib	2, 3, 4 months;		
HepB	birth; 2, 5 months;		
MR	1 year;		
OPV	birth; 2, 3, 4 months;		
Rubella	11-14 years;		
TT	5, 11-14 years; pregnant women		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Finland



Infant (under 12 months) mortality rate ^{2§} 4 Child (under 5 years) mortality rate ^{2§} 5

Population data in thousands ²	2002	2001	2000	1999	1998	1990	1980
Total population	5 197	5 188	5 177	5 166	5 154	4 986	4 780
Births	56	56	57	57	58	64	65
Surviving infants	56	57	57	58	59	62	65
Pop. less than 5 years	286	290	295	301	309	311	320
Pop. less than 15 years	925	932	938	946	954	963	971
Female 15-49 years	1 199	1 209	1 219	1 231	1 243	1 258	1 219

Number of reported cases	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	2	-	-	0	0	0
Measles	0	1	-	-	1	3	2 147
Pertussis	581	315	-	-	832	707	187
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	-	-	-	0	0	0
Tetanus (total)	-	-	-	-	-	0	4
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵					
	Year	Result	Estimates 2002						
BCG	-	-	99	99	99	-	-	91	-
DTP1	-	-	-	99	99	-	-	-	-
DTP3	-	-	98	98	98	-	-	90	-
HepB3	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	96	96	-	-	-	-
MCV	-	-	96	96	96	-	-	97	-
Pol3	-	-	95	95	95	-	-	90	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country - Proportion of districts reporting DTP3 coverage of

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage 100

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (DTaP booster included to the vaccination schedule for 6 years old children)	Td	11-13 years; (and every 10 years. If DTaP has not been received at age of 6 years)
DTwP	3, 4, 5, 20-24 months;		
HepB	birth; 1, 2, 12 months; (if parent seropositive or intravenous drug user risk groups)		
Hib	4, 6, 14-18 months;		
IPV	6, 12, 20-24 months; 6-7 years;		
MMR	14-18 months; 11-13 years;		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - France



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	59 850	59 564	59 296	59 051	58 823	56 735	53 880
Births	772	766	758	749	742	750	754
Surviving infants	763	754	746	739	733	754	732
Pop. less than 5 years	3 763	3 726	3 692	3 661	3 633	3 798	3 699
Pop. less than 15 years	11 142	11 143	11 156	11 182	11 221	11 487	12 005
Female 15-49 years	14 404	14 442	14 486	14 540	14 598	14 136	12 917

Number of reported cases

Diphtheria	1	-	0	-	-	0	3
Measles	5 185	-	10 000	-	-	-	1 244
Pertussis	-	-	-	-	-	-	100
Polio	0	-	0	0	0	0	10
Tetanus (neonatal)	-	-	0	-	-	-	-
Tetanus (total)	17	-	26	-	-	33	208
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	-	-	83	83	-	-	-	80	-
DTP1	-	-	-	-	-	-	-	-	-
DTP3	-	-	98	98	-	-	-	95	-
HepB3	-	-	27	27	-	-	-	-	-
Hib3	-	-	-	86	-	-	-	-	-
MCV	-	-	85	85	-	-	-	71	-
Pol3	-	-	98	98	-	-	-	85	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country	100	Proportion of districts reporting DTP3 coverage of	83
Percent reporting completeness, DTP3 coverage			
		Proportion of districts not reporting DTP3 coverage	17

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	1 month-6 years; (mandatory at kinder garden or school registration, plans for 2003: adult vaccinations)	IPV	2, 3, 4, 18 months; 6 years; (11 years, 16 years) mandatory
DT	2, 3, 4, 18 months; 6 years; (11 years, 16 years) mandatory	MMR	12 months; 3-6 years; (recommended)
HepB	2, 3, 12 months; (recommended)	Pa	
Hib	2, 3, 4, 18 months; (recommended)	Pneumo_conj	2, 3, 4 months; 2 years; (high risk group) recommended [Part of country]
		Pw	2, 3, 4, 18 months; 6 years; (recommended)

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Gabon



Infant (under 12 months) mortality rate ^{2§} 58 Child (under 5 years) mortality rate ^{2§} 93

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 306	1 283	1 258	1 230	1 202	953	695
Births	41	41	41	41	40	37	27
Surviving infants	39	39	39	38	38	34	25
Pop. less than 5 years	190	189	188	187	187	161	114
Pop. less than 15 years	535	530	523	516	507	406	271
Female 15-49 years	313	306	298	290	281	212	156

Number of reported cases

Diphtheria	0	-	-	-	-	-	1
Measles	110	5 129	15	-	-	738	1 641
Pertussis	0	588	-	-	-	-	3 065
Polio	0	0	0	0	-	2	70
Tetanus (neonatal)	3	1	8	-	-	4	0
Tetanus (total)	0	14	-	-	-	22	12
Yellow fever	0	2	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	89 DHS	89	65	70	48	60	-	96	-
DTP1	1999	69 DHS	-	60	45	24	-	-	-	-
DTP3	1999	38 DHS	38	40	70	10	31	-	78	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	55 DHS	55	40	50	27	30	-	76	-
Pol3	1999	28 DHS	31	60	70	52	31	-	78	-
TT2plus	1999	54 DHS	-	50	20	16	25	-	86	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	30	-	-	-	-	-

Number of districts in the country	50	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	
Percent reporting completeness, DTP3 coverage	38		From 70 to 79%	2
			From 60 to 69%	10
			From 50 to 59%	88
		Proportion of districts not reporting DTP3 coverage	-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months; [Part of country]		
OPV	6, 10, 14 weeks;		
TT	pregnant women (supplementary activities according to needs)		
VitaminA	6, 59 months; (from 2003)		
YF	9 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Gambia



Development status	Least developed	GNI per capita (US\$)	1 340	GDP per capita (US\$)	1 649
Infant (under 12 months) mortality rate	2§	81	Child (under 5 years) mortality rate	2§	136

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 388	1 351	1 312	1 273	1 233	936	652
Births	50	49	49	48	47	40	31
Surviving infants	46	45	44	43	43	35	26
Pop. less than 5 years	218	214	210	205	200	165	118
Pop. less than 15 years	567	555	542	528	514	402	279
Female 15-49 years	333	323	313	302	292	218	155

Number of reported cases

Diphtheria	0	0	0	0	-	-	0
Measles	25	226	336	856	-	-	284
Pertussis	0	0	0	5	-	-	157
Polio	0	0	6	0	0	1	1
Tetanus (neonatal)	3	0	2	1	-	44	-
Tetanus (total)	3	0	0	1	-	-	567
Yellow fever	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	2000	100 EPI	99	99	99	97	96	99	98	85
DTP1	2000	98 EPI		95	95	89	-	-	-	-
DTP3	2000	87 EPI	90	90	96	83	88	97	92	-
HepB3	2000	92 EPI	90	90	84	91	90	93	93	-
Hib3	-	-		90	75	83	90	-	-	-
MCV	2000	89 EPI	90	90	90	85	88	92	86	69
Pol3	2000	90 EPI	90	90	87	89	88	95	94	53
TT2plus	2000	91 EPI		95	80	90	89	96	73	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		90	90	85	87	-	-	-

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	83
Percent reporting completeness, DTP3 coverage	96		From 70 to 79%	17
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	first contact; +1, +6 months; +1, +1 year;
DTPHib	8, 12, 16 weeks;		CBAW 15-45 years
HepB	birth; 8, 16 weeks;	VitaminA	6 months; (every 6 months)
Hib	8, 12, 16 weeks;	YF	9 months;
Measles	9 months;		
OPV	birth; 8, 12, 16 weeks; 9-18 months;		
Pneumo_conj	6, 10, 14 weeks;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Georgia



Development status	Economy in transition	GNI per capita (US\$)	1 -	GDP per capita (US\$)	1 -	-
Infant (under 12 months) mortality rate	2§	18	Child (under 5 years) mortality rate	2§	22	-

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	5 177	5 224	5 262	5 289	5 307	0	0
Births	53	55	56	58	60	0	0
Surviving infants	54	56	57	59	62	0	0
Pop. less than 5 years	278	288	299	310	322	0	0
Pop. less than 15 years	995	1 037	1 077	1 113	1 147	0	0
Female 15-49 years	1 366	1 373	1 376	1 376	1 374	0	0

Number of reported cases

Diphtheria	28	22	28	60	114	-	-
Measles	199	35	50	144	218	-	-
Pertussis	147	82	84	233	334	-	-
Polio	0	1	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	-	-	-
Tetanus (total)	13	8	6	3	5	-	-
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	91	80	97	95	95	94	95	-
DTP1	-	-		96	97	99	-	-	-	-
DTP3	-	-	84	85	86	98	98	89	-	-
HepB3	-	-	51	51	61	55	-	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	73	99	99*	97	97	90	99	-
Pol3	-	-	89	90	81	98	98	95	-	-
TT2plus	1998	- MICS		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	76	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	46
Percent reporting completeness, DTP3 coverage	98	coverage of	From 70 to 79%	14
			From 60 to 69%	13
			From 50 to 59%	5
			Lesser than 50%	8
		Proportion of districts not reporting DTP3 coverage		14

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	5 days; 5 years;	Td	14, 24, 34, 44, 54 years;
DT	5 years;		
DTwP	2, 3, 4, 18 months;		
HepB	2, 3, 8 months;		
Measles	12 months; 5 years;		
Mumps	12 months;		
OPV	2, 3, 4, 5 months; 5 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Germany



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	82 414	82 349	82 282	82 221	82 159	79 433	78 289
Births	722	735	749	764	777	844	817
Surviving infants	732	746	761	773	782	856	801
Pop. less than 5 years	3 815	3 876	3 930	3 972	4 003	4 409	4 015
Pop. less than 15 years	12 504	12 693	12 859	13 003	13 123	12 775	14 474
Female 15-49 years	19 723	19 736	19 730	19 707	19 670	19 402	19 286

Number of reported cases

Diphtheria	1	0	0	1	1	6	19
Measles	4 657	6 024	-	-	-	-	28 745
Pertussis	-	-	-	-	-	-	258
Polio	0	0	0	0	0	1	7
Tetanus (neonatal)	-	-	0	-	-	0	0
Tetanus (total)	-	-	8	-	7	18	21
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	-	-	-	-	0	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-
DTP3	-	-	97	96	97	-	-	80	-
HepB3	-	-	29	-	29	-	-	-	-
Hib3	-	-	-	91	79	-	-	-	-
MCV	-	-	89	92	89	-	-	50	-
Pol3	-	-	95	96	95	-	-	85	-
TT2plus	-	-	-	-	-	-	-	80	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country	440	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	90		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTPHibHepIPV	2, 3, 4, 11-14 months;		
MMR	11-14, 15-23 months;		
Pa	9-17 years;		
Td	5-6, 9-17 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Ghana



Infant (under 12 months) mortality rate ^{2§} 59 Child (under 5 years) mortality rate ^{2§} 95

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	20 471	20 028	19 593	19 171	18 758	15 277	11 043
Births	658	651	644	637	631	603	527
Surviving infants	613	606	598	591	585	551	465
Pop. less than 5 years	2 937	2 900	2 870	2 849	2 835	2 632	2 064
Pop. less than 15 years	8 213	8 127	8 048	7 978	7 916	6 959	5 087
Female 15-49 years	5 083	4 940	4 797	4 653	4 509	3 459	2 480

Number of reported cases

Diphtheria	0	0	0	0	-	66	40
Measles	12 289	13 476	23 068	15 987	23 335	32 246	82 684
Pertussis	326	523	636	749	819	2 651	13 216
Polio	0	0	104	3	112	60	145
Tetanus (neonatal)	70	64	80	78	100	-	-
Tetanus (total)	213	233	219	185	-	660	1 045
Yellow fever	51	0	0	0	0	0	9

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1997	88 DHS	91	99*	91	95	88	77	71	9
DTP1	1997	90 DHS		99*	80	84	-	-	-	-
DTP3	1997	72 DHS	80	99*	76	84	72	68	50	7
HepB3	-	-	80	99*	-	-	-	-	-	-
Hib3	-	-		99*	-	-	-	-	-	-
MCV	1997	73 DHS	81	99*	75	84	73	67	52	16
Pol3	1997	72 DHS	80	99*	79	83	72	69	50	7
TT2plus	1997	45 DHS		97	-	73	52	18	19	3
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		99*	87	74	60	-	-	-

Number of districts in the country	110	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	98
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	2
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHibHep	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +1, +6 months; +1, +1 year; CBAW 15-45 years		
YF	9 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Greece



Infant (under 12 months) mortality rate ^{2§} 7 Child (under 5 years) mortality rate ^{2§} 8

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	10 970	10 947	10 903	10 834	10 745	10 160	9 643
Births	100	100	101	101	101	102	143
Surviving infants	100	100	101	101	101	102	143
Pop. less than 5 years	512	515	516	517	516	552	718
Pop. less than 15 years	1 611	1 627	1 645	1 664	1 684	1 956	2 200
Female 15-49 years	2 681	2 686	2 683	2 673	2 655	2 427	2 331

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	5	12	56	69	66	245	13 464
Pertussis	16	93	13	36	86	752	3 083
Polio	0	0	0	0	0	-	0
Tetanus (neonatal)	0	0	0	-	-	0	0
Tetanus (total)	3	4	16	-	-	16	15
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>			
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>					
BCG	-	-	88	-	-	88	-	-
DTP1	-	-	-	-	-	-	-	-
DTP3	-	-	88	-	-	88	-	54 72
HepB3	-	-	88	-	-	88	-	-
Hib3	-	-	-	-	-	88	-	-
MCV	-	-	88	-	-	88	-	76 -
Pol3	-	-	87	-	-	87	-	96 90
TT2plus	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-

Number of districts in the country

13

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	6 years;	MMR	15 months; 4-6 years;
DT	14-16 years;	OPV	2, 4, 6, 18 months; 4-6 years;
DTaP	2, 4, 6, 18 months; 4-6 years;		
DTwP	2, 4, 6, 18 months; 4-6 years;		
HepB	birth; 2-4, 6-18 months;		
Hib	2, 4, 6, 12-15 months;		
IPV	2, 4 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Grenada



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	80	81	81	81	82	85	89
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	0	0	0	0	1
Measles	0	0	0	0	0	6	53
Pertussis	0	0	1	4	0	0	6
Polio	0	0	-	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	1	0	3
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	94	90	99*	-	-	-	-
DTP3	-	-	98	98	96	97	88	97	81	25
HepB3	-	-	98	98	96	-	-	-	-	-
Hib3	-	-	-	98	96	33	-	-	-	-
MCV	-	-	94	94	99	92	94	97	85	-
Pol3	-	-	98	98	96	97	87	95	69	32
TT2plus	-	-	-	44	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	7	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	4-5 years;		
DTPHibHep	6-8, 16-20, 24-28 weeks;		
DTwP	18 months;		
MMR	12, 18 months;		
OPV	6-8, 16-20, 24-28 weeks; 18 months; 4-5 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Guatemala



Infant (under 12 months) mortality rate ^{2§} 42 Child (under 5 years) mortality rate ^{2§} 55

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	12 036	11 728	11 423	11 121	10 825	8 749	6 820
Births	415	410	405	400	394	346	299
Surviving infants	393	388	383	377	371	320	268
Pop. less than 5 years	1 909	1 881	1 852	1 822	1 791	1 520	1 248
Pop. less than 15 years	5 170	5 074	4 977	4 880	4 783	4 020	3 135
Female 15-49 years	2 820	2 733	2 647	2 561	2 476	1 909	1 490

Number of reported cases

Diphtheria	0	0	0	0	0	2	9
Measles	0	0	0	0	1	8 802	2 703
Pertussis	88	229	146	291	441	130	1 513
Polio	0	0	0	0	0	3	287
Tetanus (neonatal)	3	5	7	2	6	60	0
Tetanus (total)	6	7	11	2	3	41	60
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1998	90 DHS	96	96	92	97	93	89	62	36
DTP1	1998	92 DHS		93	87	94	-	-	-	-
DTP3	1998	70 DHS	84	94	92	95	88	88	66	43
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1998	81 DHS	92	92	90	88	83	79	68	23
Pol3	1998	67 DHS	84	94	92	95	88	88	74	43
TT2plus	1998	40 DHS		78	20	22	-	-	27	1
VitA	-	-		36	60	49	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	2, 3, 4 months;		
MMR	12 months;		
OPV	2, 3, 4 months;		
Td	15-49 years; CBAW		
VitaminA	6-35 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Guinea



Development status	Least developed	GNI per capita (US\$)	1 450	GDP per capita (US\$)	1 192
Infant (under 12 months) mortality rate	^{2§}	103	Child (under 5 years) mortality rate	^{2§}	180

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 359	8 242	8 117	7 984	7 844	6 122	4 688
Births	361	361	361	361	358	277	242
Surviving infants	324	323	322	318	311	235	197
Pop. less than 5 years	1 467	1 460	1 446	1 425	1 398	1 100	898
Pop. less than 15 years	3 682	3 638	3 591	3 540	3 488	2 798	2 123
Female 15-49 years	1 923	1 895	1 865	1 832	1 796	1 366	1 056

Number of reported cases

Diphtheria	114	0	0	0	0	37	0
Measles	2 151	7 408	11 294	18 004	9 170	12 756	8 552
Pertussis	81	267	247	176	160	412	2 315
Polio	0	0	0	22	4	155	32
Tetanus (neonatal)	362	228	245	287	272	53	-
Tetanus (total)	518	332	158	174	180	524	482
Yellow fever	39	273	445	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	71	71	71	71	72	69	50	-
DTP1	-	-		65	66	67	-	-	-	-
DTP3	-	-	47	58	57	57	57	56	20	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	54	61	59	59	61	58	25	-
Pol3	-	-	44	58	57	57	57	56	20	-
TT2plus	-	-		53	43	43	48	48	21	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		17	-	-	-	-	-	-

Number of districts in the country	38	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	11
Percent reporting completeness, DTP3 coverage			From 70 to 79%	18
			From 60 to 69%	21
			From 50 to 59%	34
			Lesser than 50%	16
		Proportion of districts not reporting DTP3 coverage	-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +1, +1 month; pregnant women		
YF	9 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Guinea-Bissau



Development status	Least developed	GNI per capita (US\$)	1 180	GDP per capita (US\$)	1	755
Infant (under 12 months) mortality rate	^{2§}	121	Child (under 5 years) mortality rate	^{2§}	212	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 449	1 407	1 367	1 329	1 293	1 016	793
Births	72	70	68	66	64	50	38
Surviving infants	62	60	58	57	55	42	31
Pop. less than 5 years	283	274	265	257	249	190	144
Pop. less than 15 years	682	660	639	619	600	458	349
Female 15-49 years	318	310	301	294	286	226	176

Number of reported cases

Diphtheria	-	-	-	-	-	0	0
Measles	298	126	-	472	-	259	1 332
Pertussis	4	41	-	20	-	1 512	1 250
Polio	0	0	0	0	-	2	3
Tetanus (neonatal)	6	41	-	12	-	45	-
Tetanus (total)	24	49	-	21	-	31	221
Yellow fever	0	0	-	4	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	74 MICS	70	70	70	-	25	-	90	-
DTP1	1999	69 MICS		89	-	-	-	-	-	-
DTP3	1999	38 MICS	50	50	47	-	6	-	61	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	70 MICS	47	47	48	-	19	-	53	-
Pol3	1999	42 MICS	50	50	52	-	12	-	60	-
TT2plus	1999	64 MICS		80	41	-	13	-	31	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	11	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	36
Percent reporting completeness, DTP3 coverage	91		From 70 to 79%	9
			From 60 to 69%	9
			From 50 to 59%	18
			Lesser than 50%	27
Proportion of districts not reporting DTP3 coverage			1	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
OPV	birth; 6, 10, 14 weeks;		
TT	CBAW; +4, +24 weeks; +12, +12 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Guyana



Infant (under 12 months) mortality rate ^{2§} 52 Child (under 5 years) mortality rate ^{2§} 70

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	764	762	759	756	752	731	761
Births	16	17	17	17	17	18	23
Surviving infants	16	16	17	17	17	17	22
Pop. less than 5 years	80	81	81	82	82	85	105
Pop. less than 15 years	228	230	232	234	237	268	312
Female 15-49 years	223	223	222	220	218	197	185

Number of reported cases

Diphtheria	0	0	0	0	0	0	1
Measles	0	0	0	0	0	1	464
Pertussis	2	100	0	0	0	1	80
Polio	-	0	0	0	0	-	0
Tetanus (neonatal)	-	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	0	0	20
Yellow fever	-	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	98 MICS	91	-	95	93	91	92	82	68
DTP1	1999	96 MICS	-	-	98	97	-	-	-	-
DTP3	1999	89 MICS	91	-	85	88	83	90	82	36
HepB3	-	-	85	-	85	-	-	-	-	-
Hib3	-	-	-	-	85	-	-	-	-	-
MCV	1999	92 MICS	95	-	92	86	91	93	99	-
Pol3	1999	88 MICS	93	-	90	78	83	90	78	42
TT2plus	1999	61 MICS	-	-	83	81	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	90	83	-	-	-	-

Number of districts in the country

13

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DT	>4 years, +1, +6-12 months, 11 years;		
DTPHibHep	3, 4, 5 months;		
MMR	12 months; 3-4 years;		
OPV	3, 4, 5, 17 months, 3-4 years;		
TT	Pregnant women, +1 month;		
YF	1, +10 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Haiti



Development status	Least developed	GNI per capita (US\$)	1 510	GDP per capita (US\$)	1 467
Infant (under 12 months) mortality rate	^{2§}	64	Child (under 5 years) mortality rate	^{2§}	113

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 218	8 111	8 005	7 901	7 797	6 914	5 453
Births	249	248	247	246	245	258	231
Surviving infants	233	231	230	229	227	243	194
Pop. less than 5 years	1 120	1 112	1 104	1 093	1 081	1 187	908
Pop. less than 15 years	3 216	3 229	3 238	3 242	3 241	3 057	2 280
Female 15-49 years	2 069	2 020	1 974	1 930	1 888	1 587	1 282

Number of reported cases

Diphtheria	6	5	0	8	0	0	23
Measles	53	159	992	0	3	1 414	507
Pertussis	2	30	14	24	-	913	812
Polio	0	7	1	0	0	0	20
Tetanus (neonatal)	27	65	58	11	56	143	0
Tetanus (total)	43	-	-	-	-	0	381
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	71 DHS	71	45	49	57	57	52	72	26
DTP1	1999	76 DHS	-	-	-	-	-	-	-	-
DTP3	1999	43 DHS	43	39	52	59	59	39	41	3
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	54 DHS	53	34	53	80	85	42	31	-
Pol3	1999	43 DHS	43	41	53	58	58	37	40	8
TT2plus	1999	52 DHS	-	26	-	-	-	-	-	16
VitA	-	-	-	28	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

135

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (1 dose)	VitaminA	6 months-7 years; +4, +8, 12 months; 16 months-7 years;
DTaP	6, 10, 14 weeks; 1 year; +14weeks; 2 years; +14 weeks		
Measles	9 months;		
MR	15 months; [Part of country]		
OPV	birth; 6, 10, 14 weeks; 1 year-14 weeks;		
Td	15-49 years; +1, +2 months; 1 year; +2months; 1 year; +2months		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Honduras



Infant (under 12 months) mortality rate ^{2§} 33 Child (under 5 years) mortality rate ^{2§} 49

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	6 781	6 619	6 457	6 292	6 127	4 868	3 568
Births	205	204	204	203	202	187	156
Surviving infants	198	198	197	196	195	174	142
Pop. less than 5 years	976	972	967	961	954	834	663
Pop. less than 15 years	2 759	2 725	2 689	2 650	2 608	2 200	1 685
Female 15-49 years	1 654	1 604	1 554	1 504	1 454	1 103	783

Number of reported cases

Diphtheria	0	0	0	0	0	0	2
Measles	0	0	0	0	0	8 360	4 188
Pertussis	71	37	169	145	59	65	2 503
Polio	0	0	0	0	0	0	3
Tetanus (neonatal)	2	1	0	2	6	39	0
Tetanus (total)	19	17	9	16	18	62	31
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	2000	98 DHS	94	94	99	99	93	96	70	25
DTP1	2000	- DHS		91	98	98	-	-	-	-
DTP3	2000	91 DHS	95	95	95	95	95	97	84	28
HepB3	-	-	95	95	-	95	95	88	-	-
Hib3	-	-		95	-	95	-	-	-	-
MCV	2000	83 DHS	97	97	95	98	98	98	90	31
Pol3	2000	91 DHS	95	95	95	86	95	98	87	31
TT2plus	2000	16 DHS		-	-	99*	-	-	49	8
VitA	-	-		83	80	84	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	298	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	90
			From 70 to 79%	8
			From 60 to 69%	2
			From 50 to 59%	1
			Lesser than 50%	-1
Percent reporting completeness, DTP3 coverage		Proportion of districts not reporting DTP3 coverage		

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Td	12-49 years; +2, +6 months; +1, +1 year; booster at 11 years; CBAW (x5); first contact; adults at risk (x3)
DTPHibHep	2, 4, 6 months;	VitaminA	30 days; 6-11 months; 1-4 years; Puerperal until 30 days
DTwP	18 months; 4-5 years;		
HepB	health care workers & other risk groups [Part of country]		
MMR	12 months;		
MR	women 5-49 year, men 5-39 year		
OPV	birth; 2, 4, 6 months; <5 years during NIDS		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Hungary



Development status	Economy in transition	GNI per capita (US\$)	1 4710	GDP per capita (US\$)	1 12 416
Infant (under 12 months) mortality rate	^{2§}	9	Child (under 5 years) mortality rate	^{2§}	11

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	9 923	9 968	10 012	10 056	10 099	10 365	10 707
Births	87	89	92	94	97	124	154
Surviving infants	89	91	94	97	100	123	162
Pop. less than 5 years	464	478	495	514	536	616	844
Pop. less than 15 years	1 631	1 667	1 699	1 729	1 756	2 097	2 348
Female 15-49 years	2 470	2 496	2 519	2 539	2 555	2 539	2 574

Number of reported cases

Diphtheria	0	0	0	0	0	1	6
Measles	0	20	1	1	23	29	1 198
Pertussis	6	1	1	1	0	12	22
Polio	-	0	0	0	0	0	1
Tetanus (neonatal)	-	0	0	1	0	0	0
Tetanus (total)	5	8	10	-	12	25	48
Yellow fever	-	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99*	-	-	99*	99*	99	99
DTP1	-	-		99*	-	-	-	-	-	-
DTP3	-	-	99	99*	-	-	99*	99*	99	99
HepB3	-	-	-	-	-	-	99*	-	-	-
Hib3	-	-		99*	-	-	99*	-	-	-
MCV	-	-	99	99*	-	-	99*	99*	99	99
Pol3	-	-	99	99*	-	-	99*	99*	99	98
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	139	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth-6 weeks;	OPV	4, 5, 15 months; 3, 6 years;
DT	11 year;		
DTwP	3, 4, 5 months; 3, 6 years;		
HepB	14, 14, 14 years; (HBsAg+ mother's child)		
Hib	2, 4, 5, 15 months;		
IPV	3 months;		
MMR	15 months; 11 year;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Iceland



Infant (under 12 months) mortality rate ^{2§} 3 Child (under 5 years) mortality rate ^{2§} 4

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	287	285	282	279	276	255	228
Births	4	4	4	4	4	4	4
Surviving infants	4	4	4	4	4	4	4
Pop. less than 5 years	21	21	21	22	22	21	21
Pop. less than 15 years	66	66	66	66	66	64	63
Female 15-49 years	72	72	72	71	70	65	56

Number of reported cases

Diphtheria	-	0	0	-	-	0	0
Measles	-	0	0	-	-	14	13
Pertussis	-	3	8	-	-	3	41
Polio	-	0	0	0	0	0	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>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵			
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>					
BCG	-	-	-	-	-	-	-	-
DTP1	-	-	-	95	99	-	-	-
DTP3	-	-	92	92	98	-	99	-
HepB3	-	-	-	-	-	-	-	-
Hib3	-	-	-	92	98	-	-	-
MCV	-	-	88	88	91	-	99	-
Pol3	-	-	91	91	95	-	99	-
TT2plus	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTaP	3, 5, 12 months, 5 years;		
Hib	3, 5, 12 months;		
IPV	3, 5, 12 months; 14 years;		
MMR	18 months, 12 years;		
Td	14 years;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - India



Infant (under 12 months) mortality rate ^{2§} 65 Child (under 5 years) mortality rate ^{2§} 86

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 049 549	1 033 395	1 016 938	1 000 161	983 110	846 418	688 856
Births	25 221	25 477	25 779	26 074	26 307	26 117	23 517
Surviving infants	23 793	24 032	24 261	24 434	24 521	23 759	20 294
Pop. less than 5 years	119 524	120 343	120 878	121 071	120 957	115 404	96 705
Pop. less than 15 years	349 470	348 562	347 158	345 236	342 821	309 227	265 551
Female 15-49 years	259 828	254 534	249 253	243 992	238 764	201 498	159 836

Number of reported cases

Diphtheria	5 472	5 101	3 094	1 786	1 378	8 425	39 231
Measles	51 780	37 969	22 236	21 013	33 990	89 612	114 036
Pertussis	34 703	30 653	27 851	11 264	31 199	112 416	320 109
Polio	1 600	268	265	2 817	4 322	10 408	18 975
Tetanus (neonatal)	1 718	3 241	1 679	610	2 049	9 313	-
Tetanus (total)	-	8 880	6 694	2 125	6 705	23 356	45 948
Yellow fever	-	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	81	81	73	99*	99	91	99*	-
DTP1	-	-	-	77	71	-	-	-	-	-
DTP3	-	-	70	70	64	94	93	90	99*	53
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	67	67	56	89	87	84	91	-
Pol3	-	-	70	70	70	95	93	90	99*	42
TT2plus	-	-	-	86	76	80	80	-	78	22
VitA	-	-	-	47	43	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 584
 Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (6 weeks, along with first dose of DPT, if birth dose is not given)	TT	10, 16 years; pregnant women (2 doses for first pregnancy & 1 dose for subsequent pregnancies)
DT	5-6 years;	VitaminA	9, 18, 24, 30, 36 months;
DTwP	6, 10, 14, 16-24 weeks;		
HepB	6, 10, 14 weeks; (urban slum of 15 cities) [Part of country]		
Measles	9 months;		
OPV	6, 10, 14 weeks; 16-24 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Indonesia



Infant (under 12 months) mortality rate ^{2§} 42 Child (under 5 years) mortality rate ^{2§} 54

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	217 131	214 356	211 559	208 741	205 902	182 117	150 128
Births	4 532	4 548	4 564	4 580	4 598	4 793	5 066
Surviving infants	4 352	4 360	4 369	4 379	4 388	4 517	4 571
Pop. less than 5 years	21 672	21 709	21 747	21 788	21 831	22 430	22 143
Pop. less than 15 years	65 029	65 168	65 308	65 444	65 575	65 650	60 705
Female 15-49 years	59 317	58 287	57 218	56 113	54 975	45 960	35 993

Number of reported cases

Diphtheria	51	34	23	114	14	2 200	3 674
Measles	14 492	3 825	3 344	4 767	1 034	92 105	28 935
Pertussis	2 113	1 025	142	287	-	30 014	32 999
Polio	0	0	35	39	49	465	182
Tetanus (neonatal)	64	82	466	54	63	1 427	954
Tetanus (total)	171	-	171	1 782	-	7 784	7 231
Yellow fever	-	-	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	77	77	80	87	97	98	94	61
DTP1	-	-		81	82	87	-	-	-	-
DTP3	-	-	75	75	76	77	88	92	88	-
HepB3	-	-	67	67	56	65	77	76	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	76	44	76	73	88	91	85	-
Pol3	-	-	74	75	77	74	90	93	89	-
TT2plus ²⁰⁰¹	-	-		70	64	81	81	-	61	7
VitA	-	-		34	-	60	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	365	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	78
Percent reporting completeness, DTP3 coverage	6		From 70 to 79%	9
			From 60 to 69%	4
			From 50 to 59%	2
			Lesser than 50%	2
Proportion of districts not reporting DTP3 coverage			5	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6 months; (every 6 months until 5 years: Feb. & Aug.)
DT	7 years; school children (5 doses TT schedule)		
DTwP	2, 3, 4 months;		
HepB	birth; 2, 3 months;		
Measles	9 months;		
OPV	birth; 2, 3, 4 months;		
TT	5 doses; doses ; 8, 9 years; CBWA 15-39 years (in high risk areas) [Part of country]		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Iran (Islamic Republic of)



Infant (under 12 months) mortality rate ^{2§} 34 Child (under 5 years) mortality rate ^{2§} 40

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	68 070	67 245	66 443	65 661	64 887	56 703	39 343
Births	1 380	1 323	1 258	1 197	1 177	1 991	1 810
Surviving infants	1 278	1 213	1 153	1 132	1 177	1 895	1 547
Pop. less than 5 years	5 989	5 898	5 987	6 281	6 751	9 473	7 082
Pop. less than 15 years	22 217	22 773	23 401	24 106	24 857	25 342	17 586
Female 15-49 years	18 514	17 972	17 398	16 789	16 154	12 439	8 529

Number of reported cases

Diphtheria	10	15	18	13	13	373	139
Measles	9 554	9 582	11 874	4 137	2 869	5 341	31 130
Pertussis	21	112	94	24	20	1 230	20 395
Polio	0	0	3	3	4	15	80
Tetanus (neonatal)	8	7	13	12	14	26	-
Tetanus (total)	16	22	27	26	41	30	86
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵						
	Year	Result	Estimates	2002							
BCG	-	-	99	99*	92	99	99	99	99	95	7
DTP1	-	-		99	94	99*	-	-	-	-	-
DTP3	-	-	99	99	95	99*	99*	99*	91	32	
HepB3	-	-	99	99	93	99*	95	94	-	-	
Hib3	-	-		-	-	-	-	-	-	-	
MCV	1996	96 MICS	99	99*	96	99*	99	99*	85	39	
Pol3	-	-	99	99*	95	99*	99*	99*	90	38	
TT2plus	1996	90 MICS		35	36	46	48	75	63	1	
VitA	-	-		-	-	-	-	-	-	-	
YFV	-	-		-	-	-	-	-	-	-	

Number of districts in the country	291	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			
				Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 12, 18 weeks; 15 months; 4-6 years;		
HepB	birth; 6 weeks; 9 months;		
Measles	9, 15 months;		
OPV	birth; 6, 12, 18 weeks; 15 months; 4-6 years;		
Td	14-16 years; (also pregnant women if needed by immunization history)		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Iraq



Infant (under 12 months) mortality rate ^{2§} 85 Child (under 5 years) mortality rate ^{2§} 108

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	24 510	23 860	23 224	22 602	21 994	17 341	12 962
Births	867	855	843	830	817	691	534
Surviving infants	781	768	755	741	726	630	477
Pop. less than 5 years	3 766	3 696	3 625	3 552	3 477	3 016	2 288
Pop. less than 15 years	10 138	9 955	9 767	9 574	9 379	7 691	5 973
Female 15-49 years	5 858	5 670	5 489	5 315	5 149	3 943	2 856

Number of reported cases

Diphtheria	-	33	34	142	181	10	1 122
Measles	-	4 088	726	9 920	43 735	3 045	26 542
Pertussis	-	2 922	407	466	1 366	122	16 687
Polio	-	0	4	88	37	56	997
Tetanus (neonatal)	-	22	37	49	38	152	891
Tetanus (total)	-	-	-	68	12	-	1 045
Yellow fever	-	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	93 MICS	93	-	85	79	85	76	95	76
DTP1	1999	93 MICS	-	-	83	92	-	-	-	-
DTP3	1999	81 MICS	81	-	74	86	90	86	83	13
HepB3	-	-	70	-	64	67	52	3	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	90 MICS	90	-	80	93	94	79	83	35
Pol3	1999	87 MICS	84	-	82	86	89	86	83	16
TT2plus	1999	67 MICS	-	-	82	55	51	45	63	4
VitA	-	-	-	-	31	49	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth	Td	7 years;
DT	<5 years;	TT	CBAW x5;
DTP	2, 4, 6, 18 months, 4-6 years;		
HepB	birth, 2, 6 months;		
Measles	9 months;		
MMR	school entry;		
OPV	birth, 2, 4, 6, 18 months, 4-6 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Ireland



Infant (under 12 months) mortality rate ^{2§} 6 Child (under 5 years) mortality rate ^{2§} 7

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 911	3 865	3 819	3 773	3 728	3 515	3 401
Births	56	55	54	53	52	52	73
Surviving infants	55	54	53	52	51	53	70
Pop. less than 5 years	271	267	263	259	257	283	347
Pop. less than 15 years	816	818	821	828	837	961	1 041
Female 15-49 years	1 023	1 012	1 000	986	971	848	758

Number of reported cases

Diphtheria	0	0	-	0	0	0	0
Measles	243	241	-	147	204	556	1 106
Pertussis	131	142	-	179	252	803	547
Polio	0	0	0	0	0	0	1
Tetanus (neonatal)	0	0	-	-	-	0	-
Tetanus (total)	0	3	-	-	-	0	0
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	90	-	-	-	90	-	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	84	82	84	-	86	85	65	34
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	83	84	-	-	-	-	-
MCV	-	-	73	73	73	-	77	77	-	-
Pol3	-	-	84	83	84	-	86	85	81	72
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country -

Percent reporting completeness, DTP3 coverage 100

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (7/8 HB) [Part of country]		
DTaPHibIPV	2, 4, 6 months;		
DTPHibIPV	4-5 years;		
MenC_conj	2, 4, 6 months;		
MMR	12-15 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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Israel



Infant (under 12 months) mortality rate ^{2§} 6 Child (under 5 years) mortality rate ^{2§} 9

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	6 304	6 174	6 042	5 911	5 780	4 514	3 764
Births	125	125	125	125	124	100	93
Surviving infants	125	125	124	124	121	99	92
Pop. less than 5 years	628	623	615	603	587	488	455
Pop. less than 15 years	1 760	1 734	1 708	1 680	1 652	1 413	1 249
Female 15-49 years	1 555	1 529	1 503	1 477	1 452	1 101	878

Number of reported cases

Diphtheria	1	0	0	3	1	0	0
Measles	2	19	36	14	8	230	215
Pertussis	550	570	452	336	83	155	19
Polio	0	0	0	0	0	0	11
Tetanus (neonatal)	0	0	0	-	0	0	0
Tetanus (total)	2	0	1	-	1	0	2
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	-	-	-	-	-	-	-	75
DTP1	-	-	-	-	97	-	-	-	-	-
DTP3	-	-	97	97	96	-	96	93	84	-
HepB3	-	-	98	98	97	-	97	-	-	-
Hib3	-	-	-	93	94	-	-	-	-	-
MCV	-	-	95	95	94	-	94	91	81	-
Pol3	-	-	93	93	92	-	96	93	85	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	88
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	2, 4, 12 months; (if pertussis vaccine is contraindicated)	OPV	4, 6, 12 months;
DTPHibHepIPV	2, 4 12 months;	Td	8-9, 13-14 years;
DTwPHibIPV	6 months;		
HepA	18, 24 months;		
HepB	birth; 1, 6 months;		
IPV	2, 4, 12 months;		
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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Italy



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 7

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	57 482	57 521	57 536	57 530	57 504	56 719	56 434
Births	511	515	517	519	522	556	657
Surviving infants	513	515	517	520	524	552	672
Pop. less than 5 years	2 590	2 606	2 627	2 653	2 685	2 746	3 617
Pop. less than 15 years	8 123	8 170	8 222	8 286	8 361	9 000	12 570
Female 15-49 years	13 798	13 893	13 988	14 085	14 183	14 292	13 646

Number of reported cases

Diphtheria	0	-	0	0	0	2	30
Measles	9 385	-	1 457	2 908	4 072	5 223	27 452
Pertussis	1 953	-	2 543	3 797	3 632	16 992	16 643
Polio	0	0	0	0	0	0	1
Tetanus (neonatal)	0	-	0	-	0	0	0
Tetanus (total)	67	-	98	-	99	123	176
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	98	-	-	-	-	-
DTP3	-	-	95	97	-	95	95	83	-
HepB3	-	-	95	97	-	97	95	95	-
Hib3	-	-	-	84	-	-	-	-	-
MCV	-	-	70	77	-	70	55	43	-
Pol3	-	-	96	99	-	97	96	98	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country	103	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	20			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTaP			
DTPHibHepIPV	3, 5, 11-12 months;		
MMR	12-15 months; 5-6 years;		
Td	11-15 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Jamaica



Infant (under 12 months) mortality rate ^{2§} 20 Child (under 5 years) mortality rate ^{2§} 25

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	2 627	2 603	2 580	2 558	2 536	2 369	2 133
Births	54	54	54	54	54	56	59
Surviving infants	53	53	53	54	54	54	57
Pop. less than 5 years	264	265	267	269	272	281	283
Pop. less than 15 years	807	811	814	819	824	833	858
Female 15-49 years	711	701	692	682	671	597	484

Number of reported cases

Diphtheria	0	0	0	0	0	3	13
Measles	0	0	0	0	1	3 651	36
Pertussis	2	7	23	12	1	3	16
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	1	0	0	1	0	0
Tetanus (total)	5	9	5	6	8	6	10
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	90	90	96	94	88	87	98	38
DTP1	-	-	-	86	-	87	-	-	-	-
DTP3	-	-	87	87	90	86	84	85	86	24
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	86	86	85	88	96	85	69	-
Pol3	-	-	86	86	91	86	84	85	87	34
TT2plus	-	-	-	72	77	55	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	13	Proportion of districts reporting DTP3 coverage of	<ul style="list-style-type: none"> Greater or equal to 80% 77 From 70 to 79% 23 From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	100	Proportion of districts not reporting DTP3 coverage	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (birth cohort)	Hib	2, 4, 6, 18 months; (in private sector) [Part of country]
DT	6 weeks; 3, 5, 18 months; 4-6 years; (if pertussis vaccine is contraindicated) [Part of country]	IPV	6 weeks; 3, 5, 18 months; 4-6 years; (for the immunocompromised) [Part of country]
DTwP	6 weeks; 3, 5, 18 months; 4-6 years; (birth cohort)	MMR	12 months; 4-6 years; (birth cohort)
HepB	2, 4, 6 months; (in private sector) [Part of country]	OPV	6 weeks; 3, 5, 18 months; 4-6 years; (birth cohort)
		Pneumo_conj	4 years; (sicklers) [Part of country]

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Japan



Infant (under 12 months) mortality rate ^{2§} 3 Child (under 5 years) mortality rate ^{2§} 5

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	127 478	127 271	127 034	126 767	126 470	123 537	116 807
Births	1 172	1 183	1 195	1 206	1 215	1 224	1 630
Surviving infants	1 180	1 191	1 203	1 211	1 214	1 229	1 642
Pop. less than 5 years	6 001	6 039	6 055	6 047	6 020	6 561	8 593
Pop. less than 15 years	18 254	18 414	18 598	18 804	19 039	22 730	27 513
Female 15-49 years	28 857	29 121	29 414	29 739	30 089	31 436	30 624

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	1	1	-	1	5	66
Measles	33 812	22 552	22 497	-	899	3 259	13 219
Pertussis	11 740	3 804	3 787	-	42	583	5 033
Polio	0	-	0	0	0	0	4
Tetanus (neonatal)	0	0	0	-	-	0	-
Tetanus (total)	80	91	90	-	47	47	50
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵				
	Year	Result	Estimates	2002					
BCG	-	-	-	96	-	96	-	85	-
DTP1	-	-	-	99*	99*	99*	-	-	-
DTP3	-	-	95	97	95	85	-	87	60
HepB3	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-
MCV	-	-	98	99*	98	96	-	66	69
Pol3	-	-	81	99*	81	99	-	90	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country	3241	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	100		
Proportion of districts not reporting DTP3 coverage			

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	<4 years;		
DTaP	3-90 months (x2); 6-90 months; 11-12 years;		
Influenza	>65 years;		
Jap.Enc.	6-90, 12-90 months; 9-13, 14-15 years;		
Measles	12-90 months;		
OPV	3-90 months; (x2)		
Rubella	12-40 months;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Jordan



Infant (under 12 months) mortality rate ^{2§} 24 Child (under 5 years) mortality rate ^{2§} 28

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	5 329	5 183	5 035	4 889	4 742	3 254	2 225
Births	150	149	148	146	145	122	98
Surviving infants	146	145	143	141	139	115	90
Pop. less than 5 years	728	720	709	696	681	579	416
Pop. less than 15 years	2 026	1 992	1 957	1 920	1 882	1 524	1 099
Female 15-49 years	1 312	1 266	1 221	1 177	1 134	671	447

Number of reported cases							
Diphtheria	0	0	0	0	0	0	5
Measles	19	61	32	115	428	290	552
Pertussis	2	3	5	1	3	4	437
Polio	0	0	0	0	0	0	15
Tetanus (neonatal)	3	4	3	3	1	9	23
Tetanus (total)	3	4	3	3	1	9	46
Yellow fever	0	0	0	-	0	-	-

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵							
	Year	Result	Estimates 2002								
BCG	2001	29 DHS	-	29	-	-	-	-	-	-	32
DTP1	2001	100 DHS	-	96	99	89	-	-	-	-	-
DTP3	2001	98 DHS	95	95	99	91	85	91	92	92	30
HepB3	-	-	95	95	97	93	78	83	-	-	-
Hib3	-	-	-	95	59	-	-	-	-	-	-
MCV	2001	95 DHS	95	95	99	94	83	86	87	87	29
Pol3	2001	98 DHS	95	95	97	94	85	91	92	92	32
TT2plus	1996	16 DHS	-	36	20	23	18	22	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	95
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	5
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
Proportion of districts not reporting DTP3 coverage				-

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (vaccination started in some health centers) [Part of country]	Measles	9 months;
DT	2, 3, 4, 18 months; (some cases)	MMR	18 months;
DTPHep	2, 3, 4 months; (in the first half of the year)	OPV	2; 3, 4, 9, 18 months; 6 years;
DTPHib	2, 3, 4 months; (in the first half of the year)	Td	6, 15 years; (school children)
DTwP	18 months;	TT	first contact; +1, +6 months; +1, +1 year;
HepB	2, 3, 4 months; (in the first half of the year)		
Hib	2, 3, 4 months; (in the first half of the year)		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Kazakhstan



Development status	Economy in transition	GNI per capita (US\$)	¹ 1 260	GDP per capita (US\$)	¹ 5 871
Infant (under 12 months) mortality rate	^{2§} 52	Child (under 5 years) mortality rate	^{2§} 59		

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	15 469	15 533	15 640	15 793	15 983	0	0
Births	252	254	257	260	265	0	0
Surviving infants	241	243	246	251	258	0	0
Pop. less than 5 years	1 151	1 168	1 193	1 227	1 269	0	0
Pop. less than 15 years	4 030	4 185	4 332	4 468	4 591	0	0
Female 15-49 years	4 317	4 298	4 288	4 289	4 299	0	0

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	14	14	13	17	75	28	-
Measles	18	94	245	1 391	1 935	273	-
Pertussis	30	71	87	56	66	395	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	3	8	8	7	3	-	-
Yellow fever	0	-	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99	95	98	99*	99	87	-
DTP1	-	-	-	95	95	97	-	-	-	-
DTP3	-	-	95	95	95	97	98	99*	-	-
HepB3	-	-	95	99*	95	99*	49	-	-	-
Hib3	-	-	-	-	-	0	-	-	-	-
MCV	-	-	95	95	95	99	99*	99*	95	-
Pol3	-	-	95	95	95	97	99*	99*	85	-
TT2plus	1994	- DHS	-	-	-	0	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	162	Proportion of districts reporting DTP3 coverage of <ul style="list-style-type: none"> Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50% 	100
Percent reporting completeness, DTP3 coverage	100		-
			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6-7, 12 years;	OPV	birth; 2, 3, 4 months;
Dip	12 years;	Td	17 years; (>17 years every 10 years)
DT	7 years; (every 10 years)		
DTwP	2, 3, 4, 18 months;		
HepB	birth; 2, 4 months;		
Measles	1, 7 years;		
Mumps	1, 12 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Kenya



Infant (under 12 months) mortality rate ^{2§} 70 Child (under 5 years) mortality rate ^{2§} 115

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	31 540	31 065	30 549	29 991	29 392	23 585	16 368
Births	1 031	1 028	1 025	1 022	1 017	992	842
Surviving infants	957	954	951	947	941	937	743
Pop. less than 5 years	4 630	4 612	4 590	4 560	4 524	4 547	3 432
Pop. less than 15 years	13 270	13 271	13 248	13 196	13 118	11 684	8 204
Female 15-49 years	7 928	7 734	7 528	7 311	7 085	5 070	3 396

Number of reported cases

Diphtheria	-	6	15	13	3	1	6 395
Measles	766	11 304	21 002	8 601	9 262	77 072	28 473
Pertussis	300	285	424	180	290	7 404	13 281
Polio	-	0	0	158	109	1 528	455
Tetanus (neonatal)	95	132	1 278	259	71	1 612	-
Tetanus (total)	25	-	628	-	339	1 692	831
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	91 MICS	91	91	94	75	96	85	54	-
DTP1	1999	89 MICS		90	78	73	-	-	-	-
DTP3	1999	76 MICS	84	84	80	63	79	64	42	-
HepB3	-	-	84	84	-	-	-	-	-	-
Hib3	-	-		84	-	-	-	-	-	-
MCV	1999	76 MICS	78	78	74	46	79	61	41	-
Pol3	1999	73 MICS	83	83	78	62	81	64	44	-
TT2plus	1999	- MICS		60	85	51	51	64	45	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		60	-	11	-	-	-	-

Number of districts in the country	77	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	23
Percent reporting completeness, DTP3 coverage	92		From 70 to 79%	17
			From 60 to 69%	19
			From 50 to 59%	21
			Lesser than 50%	19
Proportion of districts not reporting DTP3 coverage			1	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	first contact in CBAW or first pregnancy contact; +4 weeks; next pregn. or +6 months;
DTPHibHep	6, 10, 14 weeks;		next pregn. or +1 year; next pregn. or +1 year;
Measles	9 months;		(schedule for pregn. women in the whole country while 5 TT schedule only in 7 districts)
OPV	birth; 6, 10, 14 weeks;	VitaminaA	6 or M9, 15, 27, 33, 39, 45, 51, 57 months;
			(also given to lactating mothers within 4 weeks after delivery)

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Kingdom of Bahrain



Infant (under 12 months) mortality rate ^{2§} 14 Child (under 5 years) mortality rate ^{2§} 19

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	709	693	677	660	642	490	347
Births	14	14	14	14	14	14	11
Surviving infants	14	14	14	14	14	14	11
Pop. less than 5 years	71	71	72	72	72	58	44
Pop. less than 15 years	207	204	201	198	194	155	120
Female 15-49 years	171	167	163	158	153	112	73

Number of reported cases

Diphtheria	0	0	0	0	0	0	1
Measles	8	5	6	38	4	59	1 861
Pertussis	0	0	0	0	0	0	106
Polio	0	0	0	0	0	0	6
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	0	2	4
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³	WHO-UNICEF ⁴	Official country estimates ⁵						
Year	Result	Estimates 2002	2002	2001	2000	1999	1998	1990	1980
BCG	-	-	20	80	-	72	-	-	-
DTP1	-	-	99*	99	98	-	-	-	-
DTP3	-	98	98	99	97	97	98	94	92
HepB3	-	98	98	99	97	97	95	-	-
Hib3	-	-	98	99	97	96	-	-	-
MCV	-	99	99*	97	98	94	99*	87	63
Pol3	-	98	98	99	97	97	98	94	92
TT2plus	-	-	59	67	71	71	80	41	6
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country	18	Proportion of districts reporting DTP3 coverage of	{ <ul style="list-style-type: none"> Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50% }	22
Percent reporting completeness, DTP3 coverage	100			78
				Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	2, 4, 6, 18 months; 5-6 years;
DT	>7 years;	Pneumo_conj	2, 4, 6 months;
DTPHibHep	2, 4, 6, 18 months;	Pneumo_ps	>1 year;
DTwP	5-6 years;	Td	13 years;
HepB	14 years;	TT	pregnant women
MenC_conj	2 years;	Typhoid	>1 year;
MMR	12 months, 5-6, 12 years;	YF	>5 months;

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Kiribati



Development status	Least developed	GNI per capita (US\$)	1 950	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	^{2§}	-	Child (under 5 years) mortality rate	^{2§}	-	-

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	87	85	84	83	81	72	58
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases							
Diphtheria	0	0	0	0	0	0	1
Measles	0	0	0	2	355	30	170
Pertussis	0	0	0	11	202	830	161
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	1	-
Tetanus (total)	0	0	0	0	0	3	0
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen										
	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99*	85	80	70	97	93	66
DTP1	-	-	-	99*	85	95	-	-	-	-
DTP3	-	-	99	99*	85	90	78	88	97	43
HepB3	-	-	99	-	85	90	82	89	73	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	88	88	77	80	62	77	75	-
Pol3	-	-	96	-	88	90	77	83	97	10
TT2plus	-	-	-	-	50	39	74	54	-	-
VitA	-	-	-	90	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	6	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	83
Percent reporting completeness, DTP3 coverage			From 70 to 79%	
			From 60 to 69%	
			From 50 to 59%	17
			Lesser than 50%	-
		Proportion of districts not reporting DTP3 coverage		-

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

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Kuwait



Infant (under 12 months) mortality rate ^{2§} 11 Child (under 5 years) mortality rate ^{2§} 13

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	2 443	2 353	2 247	2 117	1 969	2 143	1 375
Births	49	48	47	47	46	46	51
Surviving infants	48	47	46	45	44	50	49
Pop. less than 5 years	242	237	228	216	200	304	215
Pop. less than 15 years	637	619	597	567	532	785	553
Female 15-49 years	584	561	534	501	464	489	283

Number of reported cases							
Diphtheria	-	-	0	0	0	0	1
Measles	-	-	6	13	90	71	1 382
Pertussis	-	-	43	7	20	25	69
Polio	-	0	0	0	0	0	32
Tetanus (neonatal)	-	-	0	0	0	0	9
Tetanus (total)	-	-	0	1	1	2	15
Yellow fever	-	-	0	0	0	-	-

Percentage of target population vaccinated, by antigen							
	Last cov. survey ³	WHO-UNICEF ⁴	Official country estimates ⁵				
	Year	Result	Estimates 2002				
BCG	-	-	-	-	-	-	2
DTP1	-	-	-	-	97	-	-
DTP3	-	-	98	-	98	94	67
HepB3	-	-	95	-	95	99	-
Hib3	-	-	-	-	98	94	-
MCV	-	-	99	-	99	96	48
Pol3	-	-	94	-	94	94	70
TT2plus	-	-	-	-	74	70	7
VitA	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	4-5 years;	TT	5th, 7th months of gestation;
DT	10, 18 years;		
DTPHib	2, 4, 6, 18 months, 3.5 years;		
HepB	birth, 2, 6 months;		
MMR	12 months, 4-5 years;		
OPV	birth, 2, 4, 6, 18 months, 2.5, 3.5, 4-5 years;		
Rubella	12 years females;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Kyrgyzstan



Development status	Economy in transition	GNI per capita (US\$)	1 270	GDP per capita (US\$)	1 271
Infant (under 12 months) mortality rate	^{2§}	37	Child (under 5 years) mortality rate	^{2§}	47

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	5 067	4 995	4 921	4 844	4 764	0	0
Births	112	111	110	108	108	0	0
Surviving infants	107	106	104	104	105	0	0
Pop. less than 5 years	525	523	524	528	535	0	0
Pop. less than 15 years	1 650	1 662	1 670	1 674	1 675	0	0
Female 15-49 years	1 352	1 320	1 287	1 254	1 220	0	0

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	3	13	15	66	138	6	-
Measles	2	17	16	478	2 397	584	-
Pertussis	32	136	34	107	131	237	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	-	0	-	-	0	-	-
Tetanus (total)	1	0	-	-	0	-	-
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1996	- DHS	99	99	99	96	99	94	-	-
DTP1	1996	- DHS	99	99	99	-	-	-	-	-
DTP3	1996	- DHS	98	98	99	99	99	97	-	-
HepB3	-	-	99	99	57	44	10	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1996	- DHS	98	98	99	98	99	98	-	-
Pol3	1996	- DHS	99	99	99	99	99	97	-	-
TT2plus	1994	- MICS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	52	Proportion of districts reporting DTP3 coverage of	100
Percent reporting completeness, DTP3 coverage	100		
		Proportion of districts not reporting DTP3 coverage	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (at the maternity, during stay period)	MR	6, 7-25 years; (measles rubella vaccine during mass immunization)
Dip	6 years;	OPV	birth; 2, 3.5, 5 months;
DT	11, 16, 26, 36, 46 years; (every 10 years)	Rubella	26-35 years; (during routine immunization)
DTwP	2, 3.5, 5 months; 2 years;		
HepB	birth; 2, 5 months;		
Measles	12 months; (measles vaccine cancelled as of 2002)		
MMR	12 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Lao People's Democratic Republic



Development status	Least developed	GNI per capita (US\$)	1 290	GDP per capita (US\$)	1 575
Infant (under 12 months) mortality rate	2§	89	Child (under 5 years) mortality rate	2§	142

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	5 529	5 403	5 279	5 156	5 036	4 132	3 205
Births	198	196	194	192	190	178	146
Surviving infants	179	177	175	173	171	157	125
Pop. less than 5 years	856	846	836	827	818	738	533
Pop. less than 15 years	2 323	2 291	2 256	2 219	2 178	1 809	1 347
Female 15-49 years	1 316	1 276	1 239	1 203	1 171	939	752

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	40	2	3	6	8	9	11
Measles	2 070	94	332	2 302	4 613	2 168	1 380
Pertussis	-	111	80	133	49	856	2 718
Polio	0	0	0	0	0	18	1 166
Tetanus (neonatal)	16	17	21	18	17	4	-
Tetanus (total)	19	35	39	27	-	27	1 015
Yellow fever	-	-	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	65	65	60	69	63	56	26	-
DTP1	-	-	-	65	60	83	-	-	-	-
DTP3	-	-	55	55	40	53	56	55	18	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	55	55	50	42	71	71	32	-
Pol3	-	-	55	55	55	57	64	67	26	-
TT2plus	1999	42 MICS	-	35	35	45	33	32	10	-
VitA	-	-	-	70	72	87	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	142	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	3
Percent reporting completeness, DTP3 coverage			From 70 to 79%	3
			From 60 to 69%	4
			From 50 to 59%	4
			Lesser than 50%	7
Proportion of districts not reporting DTP3 coverage				79

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks; (being replaced by DPT/HepB) [Part of country]		
HepB	birth; (being introduced) [Part of country]		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	CBAW x5		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Latvia



Development status	Economy in transition	GNI per capita (US\$)	1 2920	GDP per capita (US\$)	1 7 045
Infant (under 12 months) mortality rate	2§	14	Child (under 5 years) mortality rate	2§	18

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	2 329	2 351	2 373	2 393	2 413	0	0
Births	18	17	17	18	18	0	0
Surviving infants	18	18	18	18	19	0	0
Pop. less than 5 years	91	94	97	102	109	0	0
Pop. less than 15 years	385	406	427	447	465	0	0
Female 15-49 years	590	591	591	592	592	0	0

Number of reported cases

Diphtheria	45	91	264	81	67	3	-
Measles	-	1	0	0	3	21	-
Pertussis	159	160	135	55	149	129	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	-	0	-	-	0	-	-
Tetanus (total)	-	1	2	3	1	-	-
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99*	99*	97	99*	99*	-	-
DTP1	-	-		99	100	99*	-	-	-	-
DTP3	-	-	97	97	97	98	95	94	-	-
HepB3	-	-	98	98	96	84	94	9	-	-
Hib3	-	-		87	84	75	76	-	-	-
MCV	-	-	98	98	98	97	97	97	-	-
Pol3	-	-	98	98	97	96	99*	94	-	-
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	33	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (more doses of DTaP will be provided to cover 4th dose)	HepB	birth; 1, 6-8 months;
DT	7 years;	Hib	3, 4.5, 6 months;
DTaP	18 months; (if the whole-cell vaccine is contraindicated)	MMR	15 months; 7 years;
DTaPHibIPV	3, 4.5, 6 months;	OPV	18 months; (6th dose in 14 year)
DTwP	18 months;	Rubella	12 years; (vaccination or revaccination of girls 12 years)
DTwPHibIPV	3, 4.5, 6 months;	Td	14 years;

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Lebanon



Infant (under 12 months) mortality rate ^{2§} 18 Child (under 5 years) mortality rate ^{2§} 20

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 596	3 537	3 478	3 419	3 360	2 712	2 669
Births	69	68	68	67	67	73	80
Surviving infants	67	67	66	66	66	71	77
Pop. less than 5 years	335	334	335	339	344	343	345
Pop. less than 15 years	1 063	1 067	1 070	1 071	1 071	946	1 071
Female 15-49 years	1 023	1 001	979	957	934	718	631

Number of reported cases

Diphtheria	1	0	0	0	0	-	-
Measles	36	8	5	8	966	-	-
Pertussis	51	7	1	19	8	-	-
Polio	0	0	0	0	0	2	-
Tetanus (neonatal)	1	1	0	0	1	-	-
Tetanus (total)	1	1	2	4	5	-	-
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵			
	Year	Result	Estimates 2002				
BCG	1999	- MICS	-	-	-	-	-
DTP1	1999	- MICS		98	95	93	-
DTP3	1999	90 MICS	92	92	93	90	94
HepB3	-	-	88	88	70	70	86
Hib3	-	-	-	-	-	-	-
MCV	1999	88 MICS	96	96	90	90	99
Pol3	1999	90 MICS	92	92	93	90	94
TT2plus	1999	- MICS		-	-	-	-
VitA	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-

Number of districts in the country	26	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	100
Percent reporting completeness, DTP3 coverage	80		From 70 to 79%	
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	6-8, 10-12 years;		
DTwP	2, 3, 4, 15-18 months; 4-5 years;		
HepB	birth; 1, 4 months;		
MMR	12 months; 5 years;		
OPV	2, 3, 4, 15-18 months; 4-5 years;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Lesotho



Development status	Least developed	GNI per capita (US\$)	1 580	GDP per capita (US\$)	1 203
Infant (under 12 months) mortality rate	^{2§}	93	Child (under 5 years) mortality rate	^{2§}	149

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 800	1 794	1 785	1 770	1 751	1 570	1 277
Births	55	56	56	56	56	57	54
Surviving infants	51	51	51	51	51	52	47
Pop. less than 5 years	245	245	245	245	245	255	221
Pop. less than 15 years	719	722	724	726	726	698	564
Female 15-49 years	476	472	467	459	449	384	311

Number of reported cases

Diphtheria	0	0	-	0	-	37	13
Measles	0	217	660	944	-	2 195	7 935
Pertussis	0	0	-	0	-	34	2 020
Polio	-	0	0	0	-	0	36
Tetanus (neonatal)	0	0	-	0	-	1	-
Tetanus (total)	0	0	-	0	-	27	1
Yellow fever	-	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	92 MICS	83	61	72	-	64	55	73	-
DTP1	1999	90 MICS	-	62	74	-	-	-	-	-
DTP3	1999	85 MICS	79	60	72	69	58	-	71	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	77 MICS	70	53	63	-	63	56	80	-
Pol3	1999	84 MICS	78	60	64	67	57	66	73	-
TT2plus	1999	- MICS	-	-	-	-	-	-	-	-
VitA	-	-	-	34	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	19	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	21
Percent reporting completeness, DTP3 coverage	89		From 70 to 79%	5
			From 60 to 69%	16
			From 50 to 59%	5
			Lesser than 50%	53
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (first contact until the age 1 year)	VitaminA	6 months; 1 year; 18 months; 2 years; (started in 2002)
DT	18 months; (booster dose)		
DTwP	14 weeks;		
DTwP	6, 10 weeks;		
Measles	9, 12-18 months;		
OPV	6, 10, 14 weeks;		
TT	first contact; +4 weeks; +6 months; +1 year; pregnant women		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Liberia



Development status	Least developed	GNI per capita (US\$)	1 -	GDP per capita (US\$)	1 -	-
Infant (under 12 months) mortality rate	2§	149	Child (under 5 years) mortality rate	2§	231	-

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 239	3 099	2 943	2 768	2 580	2 135	1 869
Births	161	153	144	136	128	105	93
Surviving infants	131	123	116	110	104	90	77
Pop. less than 5 years	617	587	555	519	480	408	351
Pop. less than 15 years	1 510	1 443	1 370	1 288	1 201	1 003	864
Female 15-49 years	730	699	665	626	583	473	416

Number of reported cases

Diphtheria	-	-	-	-	-	-	-
Measles	131	1 379	5 977	1 679	1 436	-	6 567
Pertussis	379	131	281	394	1 114	-	62
Polio	0	0	0	42	0	-	98
Tetanus (neonatal)	21	43	152	174	166	-	207
Tetanus (total)	-	142	-	-	-	228	307
Yellow fever	74	158	137	-	25	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	82 DHS	67	67	77	45	43	28	-	-
DTP1	1999	84 DHS	-	67	79	-	-	-	-	-
DTP3	1999	44 DHS	51	51	62	48	23	19	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	69 DHS	57	57	78	52	35	31	-	-
Pol3	1999	55 DHS	50	50	61	52	25	19	-	-
TT2plus	1999	- DHS	-	41	56	25	12	42	-	-
VitA	-	-	-	40	30	26	-	-	-	-
YFV	-	-	-	18	35	-	-	-	-	-

Number of districts in the country	15	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	13
Percent reporting completeness, DTP3 coverage	98		From 70 to 79%	13
			From 60 to 69%	7
			From 50 to 59%	13
			Lesser than 50%	47
Proportion of districts not reporting DTP3 coverage			7	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +4 weeks; +6 months; +1, +1 year;		
VitaminA	9 months; [Part of country]		
YF	9 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Libyan Arab Jamahiriya



Infant (under 12 months) mortality rate ^{2§} 21 Child (under 5 years) mortality rate ^{2§} 23

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	5 445	5 340	5 237	5 136	5 036	4 306	3 043
Births	126	123	121	119	117	117	147
Surviving infants	121	119	116	114	112	117	132
Pop. less than 5 years	588	577	567	557	548	619	573
Pop. less than 15 years	1 705	1 710	1 722	1 742	1 769	1 885	1 420
Female 15-49 years	1 488	1 446	1 401	1 353	1 301	948	619

Number of reported cases

Diphtheria	2	0	-	-	0	0	6
Measles	3 890	633	-	-	50	931	1 547
Pertussis	21	10	-	-	18	43	25
Polio	0	0	0	0	0	5	30
Tetanus (neonatal)	0	0	-	-	0	1	-
Tetanus (total)	4	3	-	-	10	1	30
Yellow fever	-	0	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	99	99	99	-	97	97	90	88
DTP1	-	-		97	96	-	-	-	-	-
DTP3	-	-	93	94	94	-	94	95	84	60
HepB3	-	-	91	91	93	-	-	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	91	-	93	-	92	92	89	61
Pol3	-	-	93	94	94	-	94	95	84	60
TT2plus	-	-		-	39	-	-	-	18	2
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	33	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	97			
				Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTaP	6, 10, 14, 18 weeks; 6 years;		
HepB	birth; 6 weeks; 8 months;		
Measles	8 months;		
OPV	6, 10, 14 weeks; 18 months; 6 years;		
Td	6 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Lithuania



Development status	Economy in transition	GNI per capita (US\$)	1 2930	GDP per capita (US\$)	1 7 106
Infant (under 12 months) mortality rate	2§	9	Child (under 5 years) mortality rate	2§	12

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 465	3 484	3 501	3 512	3 519	0	0
Births	30	30	31	32	33	0	0
Surviving infants	30	31	32	33	35	0	0
Pop. less than 5 years	177	181	186	191	198	0	0
Pop. less than 15 years	660	682	702	721	737	0	0
Female 15-49 years	885	885	884	883	881	0	0

Number of reported cases

Diphtheria	3	0	2	6	2	-	-
Measles	103	7	19	23	18	-	-
Pertussis	23	162	91	80	96	-	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	1	1	0	6	2	-	-
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99	99	99	99	99	-	-
DTP1	-	-		98	99	99	-	-	-	-
DTP3	-	-	95	95	95	94	93	94	-	-
HepB3	-	-	94	94	95	99	96	73	-	-
Hib3	-	-		5	4	-	2	-	-	-
MCV	-	-	98	98	97	97	97	97	-	-
Pol3	-	-	97	97	97	92	88	88	-	-
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	52	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (and 11 months if without vaccination scar)	Td	15 years;
DT	6 years;		
DTwP	6 months;		
HepB	birth; 1, 6 months;		
MMR	15 months; 6-12, 12 years (omit if two previous doses)		
OPV	6, 12 years;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Luxembourg



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 7

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	447	441	435	429	423	378	364
Births	5	5	5	5	5	4	4
Surviving infants	6	6	6	6	5	5	4
Pop. less than 5 years	28	28	28	28	28	23	21
Pop. less than 15 years	85	84	82	81	80	66	69
Female 15-49 years	113	112	110	109	108	97	91

Number of reported cases

Diphtheria	-	-	0	-	-	0	0
Measles	-	-	0	-	-	16	63
Pertussis	-	-	0	-	-	3	46
Polio	-	-	0	0	0	0	0
Tetanus (neonatal)	-	-	0	-	-	0	0
Tetanus (total)	-	-	0	-	-	0	0
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	98	-	-	-	-	-	90	-
HepB3	-	-	49	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	91	-	-	-	-	-	80	-
Pol3	-	-	98	-	-	-	-	-	90	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Madagascar



Development status	Least developed	GNI per capita (US\$)	1 250	GDP per capita (US\$)	1	840
Infant (under 12 months) mortality rate	2§	92	Child (under 5 years) mortality rate	2§	149	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	16 916	16 439	15 970	15 511	15 062	11 956	9 048
Births	708	697	687	676	663	536	413
Surviving infants	633	622	611	599	584	463	355
Pop. less than 5 years	2 996	2 934	2 866	2 793	2 714	2 148	1 641
Pop. less than 15 years	7 548	7 345	7 143	6 942	6 742	5 360	4 048
Female 15-49 years	3 888	3 776	3 665	3 556	3 449	2 712	2 049

Number of reported cases

Diphtheria	-	12	12	-	112	252	227
Measles	10 795	9 357	35 256	35 196	15 510	14 459	119 679
Pertussis	2 428	104	3 880	3 244	1 168	1 333	32 457
Polio	0	0	0	0	6	39	68
Tetanus (neonatal)	6	18	13	26	39	208	-
Tetanus (total)	30	76	54	26	50	105	842
Yellow fever	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

Antigen	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵							
	Year	Result	Estimates 2002	Year	Result	Year	Result	Year	Result	Year	Result
BCG	1999	72 MICS	73	73	43	99*	90	71	98	21	
DTP1	1999	73 MICS		76	44	86	-	-	-	-	
DTP3	1999	55 MICS	62	62	37	80	71	54	71	48	
HepB3	-	-	62	62	-	-	-	-	-	-	
Hib3	-	-		-	-	-	-	-	-	-	
MCV	1999	55 MICS	61	61	29	81	73	56	57	-	
Pol3	1999	58 MICS	61	61	37	81	71	59	69	-	
TT2plus	1999	48 MICS		35	48	40	35	30	31	-	
VitA	-	-		-	-	-	-	-	-	-	
YFV	-	-		-	-	-	-	-	-	-	

Number of districts in the country	111	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	23
Percent reporting completeness, DTP3 coverage	91		From 70 to 79%	13
			From 60 to 69%	14
			From 50 to 59%	12
			Lesser than 50%	38
			Proportion of districts not reporting DTP3 coverage	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHep	6, 10, 14 weeks;		
Measles	9 weeks;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +4, +6 weeks; +1, +1 year;		
VitaminA	pregnant women		
	6 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Malawi



Development status Least developed	GNI per capita (US\$) 1 170	GDP per capita (US\$) 1 615
Infant (under 12 months) mortality rate 2§	116	Child (under 5 years) mortality rate 2§ 188

	2002	2001	2000	1999	1998	1990	1980
Total population	11 871	11 627	11 370	11 091	10 793	9 456	6 183
Births	531	528	525	522	519	460	338
Surviving infants	467	463	459	455	450	386	280
Pop. less than 5 years	2 234	2 208	2 167	2 108	2 033	1 792	1 244
Pop. less than 15 years	5 484	5 339	5 185	5 016	4 835	4 367	2 936
Female 15-49 years	2 665	2 631	2 593	2 550	2 503	2 189	1 415

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	0	-	-	0	-	13
Measles	92	150	304	152	3 591	-	162 686
Pertussis	0	0	365	-	0	-	29 769
Polio	0	0	0	0	5	3	70
Tetanus (neonatal)	7	15	12	6	1	211	163
Tetanus (total)	-	15	1	6	1	-	461
Yellow fever	-	-	-	0	0	-	-

	Last cov. survey 3		WHO-UNICEF 4	Official country estimates 5						
	Year	Result	Estimates 2002							
BCG	1999	91 DHS	78	78	93	83	87	99*	84	99
DTP1	1999	96 DHS		94	99*	98	-	-	-	-
DTP3	1999	84 DHS	64	64	90	75	85	96	80	58
HepB3	-	-	64	64	-	-	-	-	-	-
Hib3	-	-		64	-	-	-	-	-	-
MCV	1999	83 DHS	69	69	81	-	82	90	81	49
Pol3	1999	80 DHS	79	79	86	73	77	93	93	28
TT2plus	1998	- EPI		60	71	61	60	81	76	-
VitA	-	-		90	62	75	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	26	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	27
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	19
			From 60 to 69%	27
			From 50 to 59%	23
			Lesser than 50%	4
		Proportion of districts not reporting DTP3 coverage	-	

Vaccine	Schedule	Vaccine	Schedule
BCG	birth or 6 weeks		
DTPHibHep	6, 10, 14 weeks; <1 year		
Measles	9 months;		
OPV	6, 10, 14 weeks; <1 year		
TT	first contact; +4 weeks; +6 months; +1, +1 year; pregnant and childbearing women		
VitaminA	6, 12, 18, 24, 30 months; <1 year		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Malaysia



Infant (under 12 months) mortality rate ^{2§} 10 Child (under 5 years) mortality rate ^{2§} 13

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	23 965	23 492	23 001	22 492	21 966	17 845	13 763
Births	546	548	549	550	551	555	422
Surviving infants	542	544	545	546	547	546	384
Pop. less than 5 years	2 720	2 727	2 737	2 752	2 771	2 276	1 868
Pop. less than 15 years	7 958	7 858	7 761	7 673	7 590	6 514	5 413
Female 15-49 years	6 230	6 119	5 995	5 855	5 703	4 542	3 407

Number of reported cases

Diphtheria	2	4	1	6	5	9	131
Measles	408	2 198	6 187	2 576	483	563	8 727
Pertussis	6	26	42	17	6	24	97
Polio	0	0	0	0	0	0	5
Tetanus (neonatal)	4	8	20	10	13	11	60
Tetanus (total)	6	27	40	26	19	30	60
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	-	99	99*	99*	99*	99	94
DTP1	-	-		95	95	95	-	-	-	-
DTP3	-	-	96	96	95	95	93	94	90	67
HepB3	-	-	95	95	94	93	91	91	86	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	92	92	88	88	87	86	70	-
Pol3	-	-	97	97	95	95	93	93	90	67
TT2plus	-	-		84	87	89	81	71	82	22
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country 120
 Percent reporting completeness, DTP3 coverage 100

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
 From 70 to 79%
 From 60 to 69%
 From 50 to 59%
 Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Jap.Enc.	12, 13, 24, 60 months; 8, 11, 14 years; (identified population at risk)
DT		Measles	6 months;
DTPHib	2, 3, 5 months; (2002)	MMR	12 months; (2002)
DTwP		OPV	2, 3, 5, 18 months; 7 years;
HepB	birth; 1, 5 months; (also given to eligible adult groups - MOH personnel (high risk); blood donors-IVDUs)	TT	15 years; (school going girls, all pregnant women 2 doses primip, booster subsequent delivery)

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Maldives



Development status	Least developed	GNI per capita (US\$)	1 1960	GDP per capita (US\$)	1 4 485
Infant (under 12 months) mortality rate	2§	39		Child (under 5 years) mortality rate	2§ 50

Population data in thousands ²	2002	2001	2000	1999	1998	1990	1980
Total population	309	300	291	282	274	216	158
Births	11	10	10	10	10	8	6
Surviving infants	10	10	10	10	9	8	6
Pop. less than 5 years	50	49	47	46	45	40	28
Pop. less than 15 years	132	130	127	125	122	100	68
Female 15-49 years	72	69	66	64	61	45	33

Number of reported cases	2002	2001	2000	1999	1998	1990	1980
Diphtheria	-	0	-	-	0	0	-
Measles	926	0	20	-	0	0	-
Pertussis	-	0	-	-	0	0	7
Polio	-	0	0	0	0	0	1
Tetanus (neonatal)	-	0	-	-	0	-	-
Tetanus (total)	-	0	-	-	4	-	2
Yellow fever	-	0	-	-	0	-	-

Percentage of target population vaccinated, by antigen										
	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	98	98	99*	99	98	99	99	-
DTP1	1994	- MICS		99	99	98	-	-	-	-
DTP3	1994	87 MICS	98	98	98	97	97	97	94	-
HepB3	-	-	98	98	96	45	90	45	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1994	82 MICS	99	99	99	99	97	98	96	-
Pol3	1994	89 MICS	98	98	98	97	98	97	94	-
TT2plus	1994	83 MICS		96	98	99*	95	91	89	9
VitA	-	-	-	-	-	98	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage of	100
Percent reporting completeness, DTP3 coverage	100	<div style="font-size: 2em; font-weight: bold; vertical-align: middle;">}</div> <i>Greater or equal to 80%</i> <i>From 70 to 79%</i> <i>From 60 to 69%</i> <i>From 50 to 59%</i> <i>Lesser than 50%</i>	
Proportion of districts not reporting DTP3 coverage			-

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	24 months; (optional) [Part of country]
DT	5 years; (if required)	OPV	birth; 6, 10, 15 weeks;
DTwP	6, 10, 10 weeks;	TT	15-45 years; +1, +6 months; +1, +1 year; CBAW; first contact
HepB	birth; 6, 10 weeks;	Typhoid	18 years; (travellers)
Influenza	10 years; (pilisirms) [Part of country]	Vitamina	6, 12, 18, 24, 30 months;
Measles	9 months;	YF	18 years; (travellers)
MenC_conj	10 years; (pilisirms) [Part of country]		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Mali



Development status Least developed	GNI per capita (US\$) ¹ 240	GDP per capita (US\$) ¹ 797	
Infant (under 12 months) mortality rate ^{2§}	120	Child (under 5 years) mortality rate ^{2§}	181

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	12 623	12 256	11 904	11 568	11 248	9 046	7 044
Births	631	613	595	578	561	449	355
Surviving infants	540	523	507	492	477	378	290
Pop. less than 5 years	2 500	2 423	2 348	2 278	2 210	1 745	1 330
Pop. less than 15 years	6 215	6 027	5 845	5 671	5 504	4 358	3 314
Female 15-49 years	2 755	2 675	2 600	2 528	2 460	1 997	1 586

Number of reported cases

Diphtheria	-	-	-	0	-	5	143
Measles	717	4 464	1 578	2 506	10 240	1 388	10 007
Pertussis	8	15	0	19	-	430	2 811
Polio	0	0	0	22	14	63	234
Tetanus (neonatal)	37	34	73	29	31	203	-
Tetanus (total)	109	101	168	77	-	365	294
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³ Year	WHO-UNICEF ⁴ Result	WHO-UNICEF ⁴ Estimates 2002	Official country estimates ⁵						
BCG	2000	69 DHS	73	94	68	82	84	75	82	-
DTP1	2000	61 DHS		97	61	61	-	-	-	-
DTP3	2000	40 DHS	57	74	51	32	52	53	42	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	49 DHS	33	64	37	57	57	58	43	-
Pol3	2000	39 DHS	57	74	51	32	52	53	42	-
TT2plus	2000	32 DHS		44	18	62	62	-	37	-
VitA	-	-		18	30	-	-	-	-	-
YFV	-	-		31	8	-	13	-	-	-

Number of districts in the country	58		Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	36 12 12 14 26
Percent reporting completeness, DTP3 coverage	100		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	YF	9 months;
DTwP	6, 10, 14 weeks;		
HepB	6, 10, 14 weeks;		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	first contact; +1, +6 months; +1, +1 year; CBAW 15-44 years		
VitaminA	6 months;		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Malta



Infant (under 12 months) mortality rate ^{2§} 7 Child (under 5 years) mortality rate ^{2§} 8

Population data in thousands ²	2002	2001	2000	1999	1998	1990	1980
Total population	393	391	389	387	385	360	324
Births	4	4	4	4	4	5	5
Surviving infants	5	5	5	5	5	5	6
Pop. less than 5 years	23	23	24	24	24	27	27
Pop. less than 15 years	76	77	78	79	80	85	75
Female 15-49 years	94	94	94	95	95	92	89

Number of reported cases	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	0	0	0	0	0	0
Measles	7	2	2	1	3	6	14
Pertussis	4	1	3	60	4	106	2
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	2	1	1	0	0	3	8
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵			
	Year	Result	Estimates	2002				
BCG	-	-	-	-	-	-	77	-
DTP1	-	-	-	95	87	97	-	-
DTP3	-	-	95	95	70	94	92	63
HepB3	-	-	-	-	-	-	82	-
Hib3	-	-	-	71	84	93	-	-
MCV	-	-	65	65	0.27	74	60	80
Pol3	-	-	95	95	70	94	92	86
TT2plus	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-

Number of districts in the country 1

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

Proportion of districts not reporting DTP3 coverage 100

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	12-14 years;	MMR	15 months;
DT	2, 3, 4 months; 3.5 years;	OPV	2, 3, 4 months; 3.5, 16 years; travellers
DTaP	2, 3, 4 months; (children immunised in private sector)	Td	16 years; (travelers to endemic areas)
DTaPHep	2, 3, 4 months;		
DTaPHepIPV	2, 3, 4 months;		
DTwP	2, 3, 4 months; (given by Health Dept.)		
Hib	2, 3, 4 months;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Marshall Islands



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	52	52	51	50	50	44	31
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-
Number of reported cases							
Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	14	0
Pertussis	0	0	0	0	0	3	0
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	1	0	0	0	0	0	0
Yellow fever	-	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen										
	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	90	90	89	89	81	81	49	-
DTP1	-	-		90	99*	23	-	-	-	-
DTP3	-	-	80	80	73	39	66	86	92	-
HepB3	-	-	80	77	76	38	80	80	-	-
Hib3	-	-		80	45	45	-	-	-	-
MCV	-	-	80	80	89	94	93	93	52	-
Pol3	-	-	80	80	73	36	86	86	89	-
TT2plus	-	-		85	53	53	-	-	-	-
VitA	-	-		-	85	95	-	-	-	-
YFV	-	-		70	-	-	-	-	-	-

Number of districts in the country	2	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	50
Percent reporting completeness, DTP3 coverage	70			50
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	2 a year
DTwP	2, 4, 6, 12 months;		
HepB	birth; 2, 6 months;		
Hib	2, 4, 12 months;		
MMR	12, 13 months;		
OPV	2, 4, 6 months; 4-5 years;		
TT	first 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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Mauritania



Development status Least developed	GNI per capita (US\$) ¹	370	GDP per capita (US\$) ¹	1 677
Infant (under 12 months) mortality rate ^{2§}	98	Child (under 5 years) mortality rate ^{2§}	158	

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	2 807	2 724	2 645	2 569	2 496	2 030	1 609
Births	118	115	112	109	106	86	70
Surviving infants	104	101	98	96	93	75	61
Pop. less than 5 years	485	471	457	444	431	350	283
Pop. less than 15 years	1 211	1 177	1 144	1 112	1 082	891	706
Female 15-49 years	659	639	619	600	583	469	372

Number of reported cases							
Diphtheria	-	-	-	-	-	18	0
Measles	883	1 398	-	5 263	1 303	1 379	11 441
Pertussis	-	-	-	-	-	383	7 576
Polio	0	1	0	7	0	7	159
Tetanus (neonatal)	4	8	-	9	11	16	-
Tetanus (total)	-	-	-	-	-	24	12
Yellow fever	0	0	-	-	0	-	-

Percentage of target population vaccinated, by antigen										
	Last cov. survey ³ Year	Result	WHO-UNICEF ⁴ Estimates 2002	Official country estimates ⁵						
BCG	2000	75 DHS	98	98	70	48	38	-	79	-
DTP1	2000	70 DHS	-	99	82	-	-	-	-	-
DTP3	2000	40 DHS	83	83	61	31	26	-	33	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	62 DHS	81	81	58	-	56	-	38	-
Pol3	2000	44 DHS	82	80	58	31	26	-	33	-
TT2plus	2000	25 DHS	-	40	31	-	13	-	15	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	53	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	51
Percent reporting completeness, DTP3 coverage	90		From 70 to 79%	11
			From 60 to 69%	21
			From 50 to 59%	9
			Lesser than 50%	8
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first dose; +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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Mauritius



Infant (under 12 months) mortality rate ^{2§} 16 Child (under 5 years) mortality rate ^{2§} 18

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 210	1 198	1 186	1 174	1 162	1 057	966
Births	19	19	19	19	20	21	23
Surviving infants	20	20	20	20	20	20	24
Pop. less than 5 years	98	99	100	102	105	97	109
Pop. less than 15 years	306	305	305	305	305	313	344
Female 15-49 years	339	338	336	333	330	289	255

Number of reported cases

Diphtheria	-	0	0	0	-	-	0
Measles	-	0	0	0	-	1	35
Pertussis	-	0	0	0	-	12	0
Polio	-	0	0	0	0	0	0
Tetanus (neonatal)	-	0	0	0	-	0	4
Tetanus (total)	-	1	0	0	-	2	5
Yellow fever	-	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	87	-	89	88	86	87	87	89
DTP1	-	-	-	-	92	88	-	-	-	-
DTP3	-	-	88	-	93	88	85	89	85	89
HepB3	-	-	88	-	93	88	85	90	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	84	-	90	84	80	85	76	-
Pol3	-	-	88	-	93	88	85	90	86	90
TT2plus	-	-	-	-	74	76	75	-	58	1
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DT	2, 5 years;		
DTP	3, 4, 5 months;		
HepB	3, 4, 5 months;		
MMR	12-15 months;		
OPV	3, 4, 5 months, 2, 5 years;		
TT	11 years;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Mexico



Infant (under 12 months) mortality rate ^{2§} 29 Child (under 5 years) mortality rate ^{2§} 35

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	101 965	100 456	98 933	97 395	95 846	83 225	67 569
Births	2 305	2 315	2 323	2 331	2 337	2 346	2 307
Surviving infants	2 249	2 256	2 261	2 266	2 271	2 253	2 202
Pop. less than 5 years	11 207	11 262	11 307	11 343	11 369	10 990	10 940
Pop. less than 15 years	33 485	33 498	33 464	33 381	33 253	32 089	30 494
Female 15-49 years	28 050	27 533	27 011	26 485	25 955	21 193	15 135

Number of reported cases

Diphtheria	-	0	0	0	0	0	7
Measles	-	3	30	0	0	68 782	29 730
Pertussis	-	218	53	51	188	1 078	5 539
Polio	-	0	0	0	0	7	682
Tetanus (neonatal)	-	6	9	7	25	145	0
Tetanus (total)	-	101	103	93	148	381	363
Yellow fever	-	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1986	73 DHS	99	99	99	99	99	99	70	48
DTP1	1986	77 DHS		92	91	90	-	-	-	-
DTP3	1986	34 DHS	91	91	89	89	96	96	66	44
HepB3	-	-	91	91	-	89	-	-	-	-
Hib3	-	-		91	-	89	-	-	-	-
MCV	1986	59 DHS	96	96	95	96	95	96	78	35
Pol3	1986	57 DHS	92	92	89	89	96	96	96	91
TT2plus	1986	- DHS		-	-	78	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	2442	Proportion of districts reporting DTP3 coverage of	100
Percent reporting completeness, DTP3 coverage	100		
		Proportion of districts not reporting DTP3 coverage	-

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Td	>11 year; +1 month;
DTPHibHep	2, 4, 6 months;		
DTwP	2, 4 years; (booster)		
HepB	>11 year; +4 weeks;		
MMR	1, 6 years;		
MR	>11 year; (during National Immunization Days & for risk groups)		
OPV	2, 4, 6 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Micronesia (Federated States of)



Infant (under 12 months) mortality rate ^{2§} 34 Child (under 5 years) mortality rate ^{2§} 43

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	108	107	107	107	107	96	73
Births	3	3	3	3	3	3	2
Surviving infants	3	3	3	3	3	3	3
Pop. less than 5 years	15	15	15	15	15	15	13
Pop. less than 15 years	42	43	43	44	45	43	34
Female 15-49 years	27	27	27	26	26	21	15

Number of reported cases

Diphtheria	-	0	0	0	0	0	-
Measles	-	0	0	0	0	1	-
Pertussis	-	0	9	49	15	0	-
Polio	-	0	0	0	0	0	-
Tetanus (neonatal)	-	0	0	0	0	0	-
Tetanus (total)	-	0	0	0	0	0	-
Yellow fever	-	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	39	-	39	24	39	52	12	-
DTP1	-	-	-	-	-	95	-	-	-	-
DTP3	-	-	75	-	75	85	76	80	85	-
HepB3	-	-	81	-	81	87	77	79	-	-
Hib3	-	-	-	-	-	75	40	-	-	-
MCV	-	-	84	-	84	85	79	82	81	-
Pol3	-	-	79	-	79	85	76	79	85	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	4	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	50
Percent reporting completeness, DTP3 coverage			From 70 to 79%	100
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	100
		Proportion of districts not reporting DTP3 coverage		-150

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTaP	2, 4, 6, 12 months; 4-6 years;		
HepB	birth; 2, 6 months;		
Hib	2, 4, 12 months;		
MMR	12 months; +1 month		
OPV	2, 4, 6, 12 months; 4-6 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Monaco



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	34	34	33	33	33	30	27
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	-	-	-	-	0	0
Measles	-	-	-	-	0	0	-
Pertussis	-	-	-	-	-	0	-
Polio	0	-	0	0	-	-	0
Tetanus (neonatal)	0	-	-	-	-	0	0
Tetanus (total)	0	-	-	-	-	0	0
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	99	90	-	-	99*	-	99*	-
DTP1	-	-		99*	-	-	-	-	-	-
DTP3	-	-	99	99*	-	-	99*	-	99*	-
HepB3	-	-	99	99*	-	-	99*	-	-	-
Hib3	-	-		99*	-	-	99*	-	-	-
MCV	-	-	99	85	-	-	99*	-	99*	-
Pol3	-	-	99	99*	-	-	99*	-	99*	-
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

1

Proportion of districts reporting DTP3 coverage of

{ Greater or equal to 80%
 From 70 to 79%
 From 60 to 69%
 From 50 to 59%
 Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	1 month-6 years; (mandatory at kinder garden or school registration, plans for 2003: adult vaccinations)	MMR	12 months; 3-6 years; (recommended)
DT	2, 3, 4, 18 months; 6 years; (mandatory)	Pa	11 years; (recommended)
HepB	6, 7, 13 months; (recommended)	Pneumo_conj	2, 3, 4 months; 2 years; (recommended) [Part of country]
Hib	2, 3, 4, 18 months; (recommended)	Pw	2, 3, 4, 18 months; 6 years; (recommended)
IPV	2, 3, 4, 18 months; 6 years; (mandatory)		
MenC_conj	2 years; (recommended)		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Mongolia



Infant (under 12 months) mortality rate ^{2§} 59 Child (under 5 years) mortality rate ^{2§} 87

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	2 559	2 528	2 500	2 476	2 455	2 216	1 663
Births	58	57	57	57	58	71	63
Surviving infants	54	54	54	55	55	68	57
Pop. less than 5 years	265	265	268	272	279	354	273
Pop. less than 15 years	851	866	880	894	906	924	718
Female 15-49 years	719	698	679	661	646	524	387

Number of reported cases

Diphtheria	5	6	4	11	50	1	0
Measles	1 205	10 677	925	10	8	296	5 338
Pertussis	2	0	0	2	4	3	22
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	-	-	0	0
Tetanus (total)	2	2	3	-	1	1	0
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	96 MICS	98	98	98	97	97	95	81	51
DTP1	1999	92 MICS		99*	97	95	-	-	-	-
DTP3	1999	89 MICS	98	98	95	95	94	94	69	76
HepB3	-	-	98	98	95	94	84	91	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	1999	86 MICS	98	99	95	94	93	93	92	17
Pol3	1999	89 MICS	98	98	95	94	94	94	87	92
TT2plus	1999	- MICS		-	-	-	-	-	-	-
VitA	-	-		86	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country 347
 Percent reporting completeness, DTP3 coverage 100

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 8 years;		
DT	8, 15 years;		
DTwP	2, 3, 4 months;		
HepB	birth; 2, 8-11 month;		
Measles	8-11, 14-21 month;		
OPV	birth; 2, 3, 4 months;		
VitaminA	6, 12-14 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Morocco



Infant (under 12 months) mortality rate ^{2§} 43 Child (under 5 years) mortality rate ^{2§} 55

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	30 072	29 585	29 108	28 641	28 183	24 564	19 382
Births	702	696	691	686	681	717	743
Surviving infants	666	660	653	648	643	683	652
Pop. less than 5 years	3 254	3 223	3 196	3 175	3 158	3 412	3 199
Pop. less than 15 years	9 554	9 568	9 589	9 616	9 647	9 739	8 373
Female 15-49 years	8 296	8 116	7 931	7 744	7 555	6 001	4 458

Number of reported cases

Diphtheria	0	0	0	0	0	0	43
Measles	6 000	2 724	7 368	10 853	7 863	1 577	86 919
Pertussis	27	74	22	20	58	83	14 873
Polio	0	0	0	0	0	0	52
Tetanus (neonatal)	5	3	2	9	6	28	-
Tetanus (total)	18	18	7	17	18	73	81
Yellow fever	-	-	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1994	98 DHS	90	90	93	99	93	93	96	-
DTP1	1994	98 DHS		95	98	97	-	-	-	-
DTP3	1994	89 DHS	94	95	96	95	91	93	81	-
HepB3	-	-	92	92	84	43	10	-	-	-
Hib3	-	-		-	5	-	1	-	-	-
MCV	1994	89 DHS	96	96	96	93	90	91	79	-
Pol3	1994	89 DHS	94	95	93	95	91	93	81	-
TT2plus	1994	54 DHS		26	42	90	36	33	64	-
VitA	-	-		75	80	40	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	68	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	94
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	6
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
HepB	birth; 6 weeks; 9 months;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	15-44 years; CBAW		
VitaminA	6-11 month; 1-2 years; (x2)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Mozambique



Development status	Least developed	GNI per capita (US\$)	1 210	GDP per capita (US\$)	1	854
Infant (under 12 months) mortality rate	2§	123	Child (under 5 years) mortality rate	2§	215	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	18 537	18 204	17 861	17 517	17 172	13 465	12 084
Births	769	761	753	744	733	614	553
Surviving infants	668	659	649	639	627	512	462
Pop. less than 5 years	3 089	3 044	3 006	2 981	2 965	2 352	2 134
Pop. less than 15 years	8 150	8 017	7 877	7 732	7 582	6 242	5 290
Female 15-49 years	4 512	4 433	4 353	4 275	4 198	3 091	2 830

Number of reported cases

Diphtheria	0	0	-	-	-	0	11
Measles	7 155	7 085	7 375	3 936	15 693	18 082	30 070
Pertussis	11	599	94	82	57	451	-
Polio	-	0	2	0	7	1	65
Tetanus (neonatal)	8	36	42	32	43	34	101
Tetanus (total)	25	61	65	57	61	102	573
Yellow fever	-	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1996	78 DHS	78	99*	97	99*	99*	99	59	-
DTP1	1996	76 DHS		97	95	99*	-	-	-	-
DTP3	1996	60 DHS	60	84	80	88	81	77	46	-
HepB3	-	-	60	84	25	-	-	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	1996	58 DHS	58	94	92	97	90	87	59	-
Pol3	1996	55 DHS	55	37	71	87	81	78	46	-
TT2plus	1996	29 DHS		-	45	61	53	41	21	-
VitA	-	-		51	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	144	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	4		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHep	2, 3, 4 months;		
Measles	9 months;		
OPV	2, 3, 4 months;		
TT	pregnant women x5 (CBAW x2; in 1st grade school x2) [Part of country]		
VitaminA	>6 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Myanmar



Infant (under 12 months) mortality rate ^{2§} 84 Child (under 5 years) mortality rate ^{2§} 129

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	48 852	48 205	47 544	46 874	46 193	40 506	33 705
Births	1 182	1 188	1 193	1 198	1 204	1 244	1 218
Surviving infants	1 088	1 091	1 093	1 096	1 104	1 104	1 080
Pop. less than 5 years	5 342	5 363	5 392	5 434	5 485	5 298	5 170
Pop. less than 15 years	15 786	15 760	15 731	15 700	15 666	15 057	13 672
Female 15-49 years	13 189	12 975	12 752	12 521	12 282	10 236	7 849

Number of reported cases

Diphtheria	50	-	17	18	22	181	830
Measles	736	-	861	791	1 465	7 900	21 457
Pertussis	61	-	55	34	46	7 882	26 878
Polio	-	0	44	50	41	47	244
Tetanus (neonatal)	72	-	41	86	75	27	124
Tetanus (total)	257	-	312	-	-	769	2 423
Yellow fever	-	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	93 MICS	80	80	82	88	88	91	67	9
DTP1	1999	92 MICS		81	81	87	-	-	-	-
DTP3	1999	83 MICS	77	77	78	82	73	87	69	4
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	87 MICS	75	75	78	84	85	85	68	-
Pol3	1999	90 MICS	77	77	79	86	87	88	69	-
TT2plus	1999	78 MICS		71	63	81	62	78	56	3
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	324	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	42
			From 70 to 79%	20
			From 60 to 69%	11
			From 50 to 59%	8
			Lesser than 50%	16
Percent reporting completeness, DTP3 coverage		Proportion of districts not reporting DTP3 coverage		3

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	6 weeks;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	pregnant women; first contact; +1 month;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Namibia



Infant (under 12 months) mortality rate ^{2§} 61 Child (under 5 years) mortality rate ^{2§} 104

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 961	1 930	1 894	1 851	1 802	1 409	1 018
Births	66	66	67	67	67	57	42
Surviving infants	63	63	63	63	63	52	39
Pop. less than 5 years	307	308	307	306	303	241	185
Pop. less than 15 years	847	834	818	800	779	609	469
Female 15-49 years	465	458	450	440	428	337	227

Number of reported cases

Diphtheria	0	0	0	0	3	-	-
Measles	1 278	416	469	296	495	-	-
Pertussis	10	45	30	17	163	-	-
Polio	-	0	0	3	2	0	-
Tetanus (neonatal)	8	7	10	12	6	-	-
Tetanus (total)	10	15	148	17	9	19	-
Yellow fever	-	0	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	90 DHS	83	99*	69	77	80	85	-	-
DTP1	1999	92 DHS		86	58	90	-	-	-	-
DTP3	1999	79 DHS	77	77	63	79	72	74	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	80 DHS	68	68	58	69	65	63	-	-
Pol3	1999	77 DHS	78	78	64	80	72	74	-	-
TT2plus	1991	33 DHS		71	85	60	81	70	50	-
VitA	-	-		55	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	34	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	44
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	38
			From 60 to 69%	18
			From 50 to 59%	
		Proportion of districts not reporting DTP3 coverage	Lesser than 50%	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	9 months;
DT	5, 10 years;		
DTaP	6, 10, 14 weeks;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks; 5, 10 years;		
TT	15-49 years;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Nauru



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	13	12	12	12	12	9	7
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	0	0	-	0	0
Measles	0	0	0	1	-	300	10
Pertussis	0	0	0	0	-	166	0
Polio	0	0	0	0	-	0	0
Tetanus (neonatal)	0	0	0	0	-	4	-
Tetanus (total)	0	0	0	0	-	0	0
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	95	99*	99*	93	95	89	93	-
DTP1	-	-		99*	90	85	-	-	-	-
DTP3	-	-	80	80	95	44	64	72	74	-
HepB3	-	-	75	75	95	58	62	29	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	40	40	95	8	-	90	-	-
Pol3	-	-	59	59	99*	27	64	72	74	-
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	14	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	4 weeks;		
DTwP	2, 4, 6, 18 months;		
HepB	birth; 1, 6 months;		
MMR	12-15 months;		
OPV	2, 4, 6 months; 5 years;		
Td	5 years;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Nepal



Development status	Least developed	GNI per capita (US\$)	1 240	GDP per capita (US\$)	1 327
Infant (under 12 months) mortality rate	2§	72	Child (under 5 years) mortality rate	2§	101

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	24 609	24 060	23 518	22 983	22 457	18 625	14 881
Births	817	812	805	797	789	712	593
Surviving infants	753	744	736	727	717	629	504
Pop. less than 5 years	3 645	3 598	3 549	3 498	3 444	2 980	2 360
Pop. less than 15 years	9 903	9 735	9 560	9 381	9 197	7 699	6 114
Female 15-49 years	5 752	5 602	5 458	5 319	5 186	4 277	3 416

Number of reported cases							
Diphtheria	108	390	268	-	511	7	82
Measles	6 749	10 849	9 397	-	5 771	182	561
Pertussis	4 683	5 908	6 021	-	14 339	18	1 055
Polio	0	0	29	42	31	6	52
Tetanus (neonatal)	92	327	134	-	197	0	-
Tetanus (total)	241	440	305	349	556	35	116
Yellow fever	-	-	-	-	-	-	-

	Percentage of target population vaccinated, by antigen									
	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates 2002							
BCG	2000	85 DHS	85	85	85	97	93	86	98	22
DTP1	2000	84 DHS		84	84	91	-	-	-	-
DTP3	2000	72 DHS	72	72	72	80	76	76	80	8
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	71 DHS	71	71	71	77	81	73	68	-
Pol3	2000	92 DHS	72	72	92	80	76	70	79	-
TT2plus	2000	45 DHS		60	60	60	65	65	23	1
VitA	-	-		95	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	75	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	37
Percent reporting completeness, DTP3 coverage			From 70 to 79%	37
			From 60 to 69%	12
			From 50 to 59%	3
			Lesser than 50%	11
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	15-44 years; CBAW: 3 doses and one each pregnancy (routine);
DTwP	6, 10, 14 weeks;		10-39 years women: (3 doses in campaign)
HepB	6, 10, 14 weeks; [Part of country]		other as routine [Part of country]
Measles	9 months;	VitaminaA	6 months; 5 years;
OPV	6, 10, 14 weeks;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Netherlands



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	16 067	15 982	15 898	15 813	15 728	14 952	14 150
Births	196	196	195	194	193	192	171
Surviving infants	196	195	193	192	192	189	170
Pop. less than 5 years	975	972	971	973	977	937	885
Pop. less than 15 years	2 960	2 949	2 936	2 921	2 905	2 727	3 159
Female 15-49 years	3 908	3 918	3 933	3 952	3 974	3 967	3 567

Number of reported cases

Diphtheria	0	-	0	1	0	0	0
Measles	3	-	1 019	2 368	9	16	178
Pertussis	5 880	-	4 836	6 279	2 252	471	30
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	-	-	-	-	-	0	0
Tetanus (total)	-	-	-	-	0	2	8
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	98	98	-	-	97	97	96	
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	96	-	-	-	-	-	-
MCV	-	-	96	96	-	-	96	94	91	
Pol3	-	-	98	98	-	-	97	97	96	
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	12	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	98			
				Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
HepB	2, 3, 4, 11 month; children of HbsAG-pos. mothers		
Hib	2, 3, 4, 11 month;		
MenC_conj	14 months; (since Sep. 2002)		
MMR	14 months; 9 years;		
Pa	4 years;		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - New Zealand



Infant (under 12 months) mortality rate ^{2§} 6 Child (under 5 years) mortality rate ^{2§} 8

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 846	3 815	3 784	3 752	3 719	3 360	3 113
Births	54	54	54	54	54	58	50
Surviving infants	54	54	54	54	55	57	51
Pop. less than 5 years	273	275	277	281	285	274	248
Pop. less than 15 years	869	869	867	863	858	786	832
Female 15-49 years	968	965	963	961	960	884	763

Number of reported cases

Diphtheria	1	0	0	0	1	0	1
Measles	21	65	65	106	164	-	-
Pertussis	1 068	4 143	4 143	1 046	153	91	0
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	-
Tetanus (total)	0	0	0	6	2	0	2
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵				
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>					
BCG	-	-	-	-	-	-	-	20	-
DTP1	-	-	-	89	89	-	-	-	-
DTP3	-	-	90	90	90	88	81	90	76
HepB3	-	-	90	90	90	89	87	-	-
Hib3	-	-	-	90	90	88	-	-	-
MCV	-	-	85	85	85	83	81	90	80
Pol3	-	-	82	82	82	85	82	-	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	(high risk groups only) [Part of country]	Td	11, 45, 65 years;
DTaPHib	15 months;		
DTaPIPv	6 weeks; 3, 5 months; 4 years;		
HepB	5 months; (at birth to babies of HBSAG mothers)		
HibHepB	6 weeks; 3 months;		
Influenza	>65 years; (<65 years at risk groups)		
MMR	15 months; 4 years;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Nicaragua



Infant (under 12 months) mortality rate ^{2§} 36 Child (under 5 years) mortality rate ^{2§} 46

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	5 335	5 204	5 073	4 943	4 813	3 824	2 919
Births	170	170	170	169	168	147	135
Surviving infants	164	164	163	162	161	135	119
Pop. less than 5 years	811	807	801	793	784	647	549
Pop. less than 15 years	2 234	2 198	2 162	2 128	2 095	1 773	1 391
Female 15-49 years	1 321	1 284	1 246	1 205	1 164	873	640

Number of reported cases

Diphtheria	0	0	0	0	0	0	5
Measles	0	0	0	0	0	0	3 784
Pertussis	0	0	11	27	6	0	2 469
Polio	0	0	0	0	0	0	21
Tetanus (neonatal)	1	1	0	0	0	15	157
Tetanus (total)	9	10	9	5	10	0	362
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	84	84	98	96	99	91	84	33
DTP1	-	-		88	92	97	-	-	-	-
DTP3	-	-	84	84	92	93	83	86	66	15
HepB3	-	-	84	84	-	89	83	-	-	-
Hib3	-	-		84	-	89	83	-	-	-
MCV	-	-	98	98	99*	99*	99	99	82	15
Pol3	-	-	85	85	92	93	93	91	87	20
TT2plus	2000	42 DHS		74	22	95	-	23	-	-
VitA	-	-		84	47	84	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	162	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	56
Percent reporting completeness, DTP3 coverage			From 70 to 79%	19
			From 60 to 69%	11
			From 50 to 59%	14
			Lesser than 50%	-
Proportion of districts not reporting DTP3 coverage				-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHibHep	2, 4, 6 months;		
DTwP	12 months;		
MMR	12 months;		
Td	6-9, 10-14 years;		
VitaminA	6 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Niger



Development status	Least developed	GNI per capita (US\$)	1 180	GDP per capita (US\$)	1 746
Infant (under 12 months) mortality rate	^{2§}	127	Child (under 5 years) mortality rate	^{2§}	212

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	11 544	11 134	10 742	10 369	10 013	7 650	5 586
Births	642	621	599	577	556	424	317
Surviving infants	542	522	501	482	464	350	259
Pop. less than 5 years	2 452	2 357	2 266	2 180	2 099	1 590	1 170
Pop. less than 15 years	5 773	5 558	5 354	5 162	4 981	3 818	2 744
Female 15-49 years	2 449	2 367	2 287	2 209	2 134	1 615	1 190

Number of reported cases

Diphtheria	11	48	12	0	25	102	34
Measles	31 584	61 208	21 319	36 156	11 404	20 463	36 811
Pertussis	2 613	2 709	5 585	2 446	2 619	3 102	8 320
Polio	3	6	33	56	8	32	311
Tetanus (neonatal)	32	39	55	30	27	39	-
Tetanus (total)	204	275	286	201	228	220	346
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	47 MICS	47	47	49	44	43	83	82	-
DTP1	1999	43 MICS		41	50	41	-	-	-	-
DTP3	1999	28 MICS	23	23	31	25	25	53	35	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	36 MICS	48	48	51	25	34	91	38	-
Pol3	1999	41 MICS	25	25	30	36	25	53	35	-
TT2plus	1999	36 MICS		36	41	31	10	41	11	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	31	30	10	-	-	-	-

Number of districts in the country	42	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	2
			From 60 to 69%	10
			From 50 to 59%	88
		Proportion of districts not reporting DTP3 coverage	-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	first contact; +1, +6 months; +1, +1 year;		
	pregnant women		
VitaminA	6, 9 months;		
YF	9 months;		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Nigeria



Infant (under 12 months) mortality rate ^{2§} 80 Child (under 5 years) mortality rate ^{2§} 134

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	120 911	117 823	114 746	111 681	108 635	86 018	64 325
Births	4 764	4 706	4 644	4 580	4 513	3 883	3 069
Surviving infants	4 328	4 266	4 201	4 133	4 061	3 415	2 616
Pop. less than 5 years	20 552	20 219	19 872	19 510	19 136	15 917	11 998
Pop. less than 15 years	53 951	52 821	51 673	50 510	49 334	39 757	29 051
Female 15-49 years	27 446	26 672	25 897	25 119	24 342	18 912	14 401

Number of reported cases

Diphtheria	790	2 468	3 995	-	708	1 768	165
Measles	42 007	168 107	212 183	-	143 098	115 682	162 106
Pertussis	11 894	34 517	38 910	-	25 057	42 929	48 996
Polio	202	56	638	981	312	1 873	816
Tetanus (neonatal)	752	1 441	1 643	-	1 871	1 060	-
Tetanus (total)	3 483	3 587	1 643	-	-	2 703	3 095
Yellow fever	0	5	0	-	0	4 075	8

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	43 MICS	54	63	-	34	-	27	80	-
DTP1	1999	41 MICS	-	-	-	48	-	-	-	-
DTP3	1999	23 MICS	26	-	-	38	-	21	56	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	35 MICS	40	-	-	30	-	26	48	-
Pol3	1999	19 MICS	25	-	-	38	-	22	55	-
TT2plus	1999	- MICS	-	-	-	-	-	29	56	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 774
Percent reporting completeness, DTP3 coverage 29

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	YF	9 months;
DTwp	6, 10, 14 weeks;		
HepB	birth; 6, 14 weeks; [Part of country]		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +4 weeks; +6 months; +1, +1 year;		
VitaminA	9 months;		

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- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
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Immunization profile - Niue



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	2	2	2	2	2	2	3
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	0	0	0	-	0
Measles	0	0	0	0	0	-	22
Pertussis	0	0	0	0	0	-	0
Polio	0	0	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

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵							
	Year	Result	Estimates 2002								
BCG	-	-	99	99*	99*	99*	99*	99*	99*	-	85
DTP1	-	-		99*	99*	99*	-	-	-	-	-
DTP3	-	-	99	99*	99*	99*	99*	99*	99*	-	7
HepB3	-	-	99	99*	99*	99*	99*	99*	99*	-	-
Hib3	-	-		99*	-	99*	-	-	-	-	-
MCV	-	-	99	99*	99*	99*	99*	-	-	-	77
Pol3	-	-	99	99*	99*	99*	99*	99*	99*	-	76
TT2plus	-	-		-	-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-	-

Number of districts in the country	1	Proportion of districts reporting DTP3 coverage of	100
Percent reporting completeness, DTP3 coverage		Proportion of districts not reporting DTP3 coverage	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTaP	6 weeks; 3, 5 months; 4 years;		
DTPHib	15 months;		
HepB	birth; 6 weeks; 5-6 months;		
Influenza	>59 years;		
MMR	15 months; 4 years;		
Td	11 year;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Norway



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 514	4 494	4 473	4 451	4 429	4 241	4 086
Births	54	55	56	57	58	58	50
Surviving infants	55	56	57	58	59	57	50
Pop. less than 5 years	285	289	293	297	300	280	261
Pop. less than 15 years	889	889	886	882	876	803	906
Female 15-49 years	1 054	1 055	1 057	1 060	1 064	1 055	925

Number of reported cases

Diphtheria	0	0	0	-	-	0	0
Measles	5	4	0	-	-	95	1 322
Pertussis	3 170	2 574	3 417	-	-	208	2 003
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	-	-	0	-
Tetanus (total)	0	1	0	-	-	1	3
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	-	91	92	-	-	-	-	-
DTP1	-	-	-	92	-	-	-	-	-	-
DTP3	-	-	91	91	95	-	-	-	86	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	93	96	-	-	-	-	-
MCV	-	-	88	88	93	-	-	-	87	-
Pol3	-	-	91	91	95	-	-	-	84	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 19 Proportion of districts reporting DTP3 coverage of
 Percent reporting completeness, DTP3 coverage
 Proportion of districts not reporting DTP3 coverage -

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	14 years;		
DTaPHibIPV	3, 5, 12 months;		
HepB	birth; 1, 6 months; (defined risk group)		
IPV	6-7, 14 years;		
MMR	15 months; 12 years;		
Td	11 year;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Oman



Infant (under 12 months) mortality rate ^{2§} 20 Child (under 5 years) mortality rate ^{2§} 23

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	2 768	2 688	2 609	2 533	2 460	1 845	1 187
Births	88	85	82	78	76	72	56
Surviving infants	84	81	77	74	73	70	50
Pop. less than 5 years	393	378	365	355	347	326	229
Pop. less than 15 years	1 031	1 004	981	963	949	819	541
Female 15-49 years	577	555	531	505	478	351	247

Number of reported cases

Diphtheria	0	0	0	0	0	0	7
Measles	5	15	15	9	5	1 262	10 630
Pertussis	96	54	190	205	484	49	1 534
Polio	0	0	0	0	0	0	37
Tetanus (neonatal)	0	0	0	0	0	0	-
Tetanus (total)	4	3	5	1	5	3	48
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	98	98	98	98	98	96	96	51
DTP1	-	-		98	98	98	-	-	-	-
DTP3	-	-	99	99	99*	99*	99	99*	98	18
HepB3	-	-	99	99*	99*	99*	99*	99	-	-
Hib3	-	-		97	-	-	-	-	-	-
MCV	-	-	99	99	99*	99*	99	98	98	22
Pol3	-	-	99	99*	99*	99*	99*	99	98	18
TT2plus	-	-		45	47	44	97	96	97	39
VitA	-	-		98	98	99*	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	59	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			
				Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	MMR	18 months;
DT	6 years;	OPV	birth; 6 weeks; 3, 5, 7, 18 months; 17 years;
DTwP	6 weeks; 3, 5, 18 months;	Rubella	15-49 years;
HepB	birth; 6 weeks; 7 months;	Td	12 years;
Hib	3, 5, 7 months;	TT	CBWA 15-49 years; adult males (>17 years); booster (1 dose) or TT (x5) in case of no documentary evidence available with DTP and/or DT and or Td.
IPV	6 weeks; 3, 5, 18 months;		
Measles	12 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Pakistan



Infant (under 12 months) mortality rate ^{2§} 87 Child (under 5 years) mortality rate ^{2§} 130

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	149 911	146 277	142 654	139 018	135 381	110 901	80 781
Births	5 415	5 323	5 230	5 136	5 051	4 595	3 524
Surviving infants	4 853	4 759	4 665	4 579	4 507	4 027	2 973
Pop. less than 5 years	23 074	22 647	22 257	21 906	21 590	18 897	13 613
Pop. less than 15 years	62 243	61 113	59 969	58 809	57 630	47 100	33 931
Female 15-49 years	34 369	33 372	32 382	31 393	30 411	24 684	18 039

Number of reported cases

Diphtheria	22	19	13	12	20	1 371	14 328
Measles	3 903	3 849	2 064	2 940	2 333	21 785	28 573
Pertussis	233	109	160	222	103	24 545	42 947
Polio	90	116	199	558	341	777	2 980
Tetanus (neonatal)	935	1 107	1 380	1 555	1 918	1 067	1 085
Tetanus (total)	1 016	1 184	1 465	1 610	1 957	4 080	2 738
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	2001	67 -	67	82	93	94	99*	97	93	6
DTP1	2001	71 -		77	86	88	-	-	-	-
DTP3	2001	63 -	63	68	76	78	80	79	83	2
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2001	57 -	57	63	75	75	81	76	76	1
Pol3	2001	89 -	63	71	74	74	80	79	83	2
TT2plus	2001	38 -		56	51	51	60	58	40	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	117	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	21
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	64
			From 60 to 69%	
			From 50 to 59%	
		Proportion of districts not reporting DTP3 coverage	Lesser than 50%	15
				-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	+6, +10, +14 weeks;		
HepB	+6, +10, +14 weeks; (to be introduced in 2003)		
Measles	9 months;		
OPV	birth; +6, +10, +14 weeks;		
TT	15-49 years; +4 weeks; CBWA		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Palau



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	20	20	19	19	18	15	12
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	-	0	0	0	0	0
Measles	0	-	0	0	1	0	0
Pertussis	0	-	0	0	0	0	0
Polio	0	-	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	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵		
	Year	Result	Estimates	2002			
BCG	-	-	-	-	-	-	-
DTP1	-	-	-	99*	-	95	-
DTP3	-	-	99	99	-	96	96
HepB3	-	-	99	99	-	96	96
Hib3	-	-	-	90	-	96	96
MCV	-	-	99	99	-	83	96
Pol3	-	-	99	99	-	96	96
TT2plus	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-

Number of districts in the country	1	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	100
Percent reporting completeness, DTP3 coverage			From 70 to 79%	
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	100
		Proportion of districts not reporting DTP3 coverage		-100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTaP	6 weeks; 4, 6, 15-18 months; 4-6 years;	Td	1, 6 months; 10 years;
HepB	birth; 6 weeks; 12-15 months;		
Hib	2, 4, 6, 15 months;		
Influenza	adult (yearly)		
IPV	6 weeks; 4, 12-15 months; 4-6 years;		
MenC_conj	once		
MMR	12, 15 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Panama



Infant (under 12 months) mortality rate ^{2§} 21 Child (under 5 years) mortality rate ^{2§} 27

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 064	3 007	2 950	2 893	2 837	2 411	1 949
Births	69	69	69	68	68	63	57
Surviving infants	68	68	67	67	66	61	55
Pop. less than 5 years	337	334	331	327	322	302	272
Pop. less than 15 years	957	949	940	930	920	848	790
Female 15-49 years	808	792	777	761	746	617	453

Number of reported cases

Diphtheria	-	0	0	0	0	0	0
Measles	0	0	0	0	0	1 891	2 096
Pertussis	88	7	66	212	226	19	641
Polio	-	0	0	0	0	0	0
Tetanus (neonatal)	0	1	0	1	0	5	19
Tetanus (total)	2	2	4	4	3	10	31
Yellow fever	-	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	92	-	-	99*	99	99	97	68
DTP1	-	-	-	-	-	99*	-	-	-	-
DTP3	-	-	89	-	-	98	92	98	86	47
HepB3	-	-	89	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	79	-	-	97	90	96	73	71
Pol3	-	-	85	-	-	99*	96	99	86	44
TT2plus	-	-	-	-	-	32	-	-	-	16
VitA	-	-	-	-	-	82	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

68

Proportion of districts reporting DTP3 coverage of

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	birth; 2, 4, 6, 18 months, 4-6 years;
DT	15-49 years x3;	VitaminA	6 months, 1, 2, 3, 4 years;
DTP	4-6 years;		
DTPHibHep	2, 4, 5, 15 months;		
Measles	9 months;		
MMR	10-11 years;		
MR	15-49 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Papua New Guinea



Infant (under 12 months) mortality rate ^{2§} 63 Child (under 5 years) mortality rate ^{2§} 86

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	5 586	5 460	5 334	5 207	5 080	4 114	3 241
Births	178	179	180	180	180	158	129
Surviving infants	168	169	169	169	168	140	116
Pop. less than 5 years	833	832	830	826	821	644	550
Pop. less than 15 years	2 303	2 260	2 215	2 170	2 123	1 699	1 417
Female 15-49 years	1 359	1 329	1 299	1 268	1 237	995	745

Number of reported cases

Diphtheria	26	311	15	0	645	0	0
Measles	17 620	4 023	7 135	6 304	1 148	4 575	12 125
Pertussis	5 002	2 099	2 280	4 773	550	2 084	2 693
Polio	0	0	0	0	0	9	22
Tetanus (neonatal)	71	75	138	52	47	-	-
Tetanus (total)	-	-	138	52	47	115	68
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1995	91 DHS	71	60	63	24	70	33	89	62
DTP1	1995	79 DHS		72	67	80	-	-	-	-
DTP3	1995	47 DHS	57	49	48	57	56	58	67	32
HepB3	1995	57 DHS	60	50	36	55	50	45	20	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1995	76 DHS	71	56	49	68	57	59	66	-
Pol3	1995	47 DHS	46	38	28	46	45	46	67	29
TT2plus	-	-	-	34	34	10	14	11	81	50
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	93	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	1
Percent reporting completeness, DTP3 coverage	82		From 70 to 79%	5
			From 60 to 69%	3
			From 50 to 59%	
		Lesser than 50%	91	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 7, 13 years;	VitaminA	6, 12 months;
DTwP	1, 2, 3 months;		
HepB	birth; 1, 2 months;		
Measles	6, 9 months;		
OPV	birth; 1, 2, 3 months;		
TT	6-12 years; (during pregnancy: 2 doses 2 months apart in first pregnancy, 1 dose in every pregnancy thereafter, maximum 5 doses)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Paraguay



Infant (under 12 months) mortality rate ^{2§} 37 Child (under 5 years) mortality rate ^{2§} 45

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	5 740	5 604	5 470	5 338	5 208	4 219	3 114
Births	171	168	166	163	161	149	115
Surviving infants	162	160	158	155	154	140	104
Pop. less than 5 years	791	781	771	763	756	679	492
Pop. less than 15 years	2 228	2 198	2 169	2 140	2 110	1 771	1 313
Female 15-49 years	1 426	1 388	1 348	1 307	1 265	988	710

Number of reported cases

Diphtheria	50	1	0	0	0	10	14
Measles	0	0	0	0	70	1 396	745
Pertussis	36	65	24	29	36	115	652
Polio	0	0	0	0	0	0	7
Tetanus (neonatal)	8	8	7	10	13	38	99
Tetanus (total)	21	15	13	23	19	50	188
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1995	82 DHS	65	83	-	69	90	83	92	31
DTP1	1995	81 DHS		80	-	73	-	-	-	-
DTP3	1995	61 DHS	77	83	-	75	75	81	80	17
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1995	67 DHS	82	-	-	77	92	99*	71	17
Pol3	1995	58 DHS	78	87	-	72	74	81	78	13
TT2plus	1997	93 -		42	-	-	-	-	55	29
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	230	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	29
Percent reporting completeness, DTP3 coverage			From 70 to 79%	25
			From 60 to 69%	5
			From 50 to 59%	41
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHibHep	2, 4, 6 months;		
DTwp	2, 4, 6, 18 months; 4 years;		
Measles	12 months;		
OPV	2, 4, 6, 18 months; 4 years;		
YF	<1 year; (high risk areas and travelers)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Peru



Infant (under 12 months) mortality rate ^{2§} 34 Child (under 5 years) mortality rate ^{2§} 54

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	26 767	26 362	25 952	25 535	25 111	21 753	17 324
Births	628	633	639	644	649	658	620
Surviving infants	612	616	620	624	627	611	564
Pop. less than 5 years	3 049	3 067	3 083	3 095	3 105	2 965	2 724
Pop. less than 15 years	9 006	8 987	8 957	8 916	8 864	8 313	7 263
Female 15-49 years	6 936	6 805	6 673	6 541	6 409	5 356	4 031

Number of reported cases

Diphtheria	0	0	0	8	2	44	185
Measles	0	0	1	12	10	737	19 246
Pertussis	54	24	68	2 388	2 490	1 134	12 134
Polio	0	0	0	0	0	3	182
Tetanus (neonatal)	7	8	10	12	14	93	294
Tetanus (total)	56	33	57	70	88	124	525
Yellow fever	43	30	6	56	165	17	30

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	90	92	88	93	97	96	83	57
DTP1	-	-	-	91	-	91	-	-	-	-
DTP3	-	-	89	95	91	97	99	98	72	16
HepB3	-	-	-	-	92	44	-	71	-	-
Hib3	-	-	-	-	94	38	-	-	-	-
MCV	-	-	95	95	97	-	92	93	64	23
Pol3	-	-	90	95	92	-	96	96	73	16
TT2plus	1999	59 DHS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	26	-	-	-	-	-
YFV	-	-	-	-	26	8	-	-	-	-

Number of districts in the country	1828	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	64
			From 70 to 79%	13
			From 60 to 69%	9
			From 50 to 59%	7
			Lesser than 50%	8
Percent reporting completeness, DTP3 coverage		Proportion of districts not reporting DTP3 coverage		-1

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (100% pop. <1 year)	Measles	12 months; (100% pop. <1 year)
DTwP	2, 3, 4 months; (100% pop. <1 year)	OPV	birth; 2, 3, 4 months; (100% pop. <1 year)
HepB	birth; (100% pop. <1 year in hepatitis B endemic, and extremely poor zones) [Part of country]	YF	1 year; (100% pop. <1 year)
Hib	2, 3, 4 months; (100% pop. <1 year in hepatitis B endemic, and extremely poor zones) [Part of country]		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Philippines



Infant (under 12 months) mortality rate ^{2§} 29 Child (under 5 years) mortality rate ^{2§} 36

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	78 580	77 151	75 711	74 261	72 802	61 104	48 088
Births	2 009	2 018	2 029	2 039	2 046	2 007	1 762
Surviving infants	1 959	1 967	1 974	1 979	1 983	1 889	1 626
Pop. less than 5 years	9 790	9 817	9 834	9 841	9 836	9 150	7 816
Pop. less than 15 years	28 756	28 606	28 418	28 192	27 928	25 006	20 735
Female 15-49 years	20 108	19 653	19 196	18 736	18 275	14 779	11 189

Number of reported cases

Diphtheria	62	73	88	64	83	921	1 910
Measles	7 003	7 360	7 120	2 981	1 984	42 938	26 765
Pertussis	8	16	23	4	0	4 135	19 844
Polio	0	3	0	0	0	85	432
Tetanus (neonatal)	163	283	281	332	50	291	1 506
Tetanus (total)	1 165	1 479	1 135	1 439	648	2 286	3 080
Yellow fever	-	-	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	2000	91 MCH	75	75	37	81	-	87	96	74
DTP1	2000	90 MCH		75	58	81	-	-	-	-
DTP3	2000	80 MCH	70	70	58	79	-	87	88	47
HepB3	-	-	40	31	80	3	-	34	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	2000	81 MCH	73	73	75	80	-	87	85	-
Pol3	2000	77 MCH	70	70	90	75	-	87	88	50
TT2plus	-	-		45	60	58	-	-	47	9
VitA	-	-		93	83	74	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	182	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	29
Percent reporting completeness, DTP3 coverage	98		From 70 to 79%	21
			From 60 to 69%	22
			From 50 to 59%	6
			Lesser than 50%	14
Proportion of districts not reporting DTP3 coverage			8	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6-59 months; (Vit A supplementation is given twice a year, every 6 months starting at 6 months with the following schedule: 100,000 IU for 6-11 months and 200,000 IU for 12-59 months)
DTwP	6, 10, 14 weeks;		
HepB	6, 10, 14 weeks;		
Measles	9-11 month;		
OPV	6, 10, 14 weeks;		
TT	first contact; +4 weeks; +6 months; +1, +1 year; pregnant women (follow WHO recommended schedule)		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Poland



Development status	Economy in transition	GNI per capita (US\$)	1 4190	GDP per capita (US\$)	1 9 051
Infant (under 12 months) mortality rate	2§		9	Child (under 5 years) mortality rate	2§ 11

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	38 622	38 651	38 671	38 681	38 681	38 111	35 574
Births	367	372	380	388	399	553	702
Surviving infants	369	377	385	396	411	562	678
Pop. less than 5 years	1 909	1 961	2 026	2 103	2 191	2 953	3 242
Pop. less than 15 years	6 929	7 172	7 431	7 707	7 993	9 573	8 628
Female 15-49 years	10 223	10 251	10 258	10 244	10 210	9 388	9 103

Number of reported cases

Diphtheria	0	0	1	0	0	0	0
Measles	33	133	77	99	2 255	56 471	24 882
Pertussis	1 788	2 411	2 269	876	2 871	292	232
Polio	0	0	0	0	0	0	3
Tetanus (neonatal)	0	0	0	-	-	0	0
Tetanus (total)	20	21	14	22	-	65	89
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	95	95	-	96	96	-	97	93
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	99	99	-	98	98	-	96	96
HepB3	-	-	99	99*	-	99	99	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	98	98	-	97	97	-	95	92
Pol3	-	-	98	98	-	98	98	-	96	96
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	380	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	100		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 12 months; 7, 12 years; (only if no scar developed).	OPV	5, 6-7, 16-18 months; 6, 11 year; (in the polio immunization schedule OPV will be replaced with IPV for the second dose and vaccinating with the 2nd supplementary dose at the age of 11 will be discontinued)
DT	6 years;	Pa	birth; 6-7 weeks; 6-7 months;
DTwP	2, 3-4, 5, 16-18 months;	Rubella	13 years; (female)
IPV	3-4 months;	Td	14, 19-20 years;
Measles	13-14 months; 7 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Portugal



Infant (under 12 months) mortality rate ^{2§} 6 Child (under 5 years) mortality rate ^{2§} 8

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	10 049	10 033	10 016	9 996	9 974	9 899	9 766
Births	112	112	112	112	112	115	162
Surviving infants	112	112	112	112	112	116	164
Pop. less than 5 years	561	561	561	561	562	546	838
Pop. less than 15 years	1 670	1 669	1 672	1 680	1 694	1 979	2 534
Female 15-49 years	2 545	2 557	2 565	2 571	2 573	2 489	2 448

Number of reported cases

Diphtheria	0	-	0	0	0	0	90
Measles	8	-	45	50	96	407	-
Pertussis	2	-	22	12	9	101	71
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	-	0	-	0	0	9
Tetanus (total)	11	-	15	-	19	34	73
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	82	84	-	-	-	88	88	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	96	94	-	-	-	97	89	73
HepB3	-	-	58	97	-	-	-	64	-	-
Hib3	-	-	-	94	-	-	-	-	-	-
MCV	-	-	87	92	-	-	-	96	85	54
Pol3	-	-	96	94	-	-	-	96	89	18
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	90
Percent reporting completeness, DTP3 coverage	100			10
Proportion of districts not reporting DTP3 coverage				10

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	2, 4, 6 months; 5-6 years;
DTwP	18 months; 5-6 years;	Td	10-13 years; (every 10 years)
DTwPHib	2, 4, 6, 15-24 months;		
HepB	birth; 2, 6 months; for cohorts born <1999 (10-13 years (0, 1, 6 months))		
Hib	15-18 months;		
MMR	15 months; 5-6 years; for cohorts born <1994 (birth-13 years)		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Qatar



Infant (under 12 months) mortality rate ^{2§} 12 Child (under 5 years) mortality rate ^{2§} 16

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	601	591	581	570	558	467	229
Births	10	11	11	12	12	10	7
Surviving infants	11	11	12	12	12	10	6
Pop. less than 5 years	58	59	60	59	57	52	27
Pop. less than 15 years	160	159	157	153	149	130	74
Female 15-49 years	121	118	115	113	110	82	43

Number of reported cases

Diphtheria	0	0	0	-	0	0	1
Measles	34	23	46	-	116	314	392
Pertussis	8	4	1	-	0	18	219
Polio	0	0	0	0	0	1	2
Tetanus (neonatal)	0	0	0	-	0	0	-
Tetanus (total)	0	0	0	-	0	0	7
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	99	99*	99*	99*	99*	99	97	4
DTP1	-	-		96	95	92	-	-	-	-
DTP3	-	-	96	96	94	90	92	94	82	61
HepB3	-	-	98	98	99*	90	92	92	-	-
Hib3	-	-		96	94	92	-	-	-	-
MCV	-	-	99	99*	92	-	87	89	79	26
Pol3	-	-	96	96	94	90	92	94	82	61
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country -

Percent reporting completeness, DTP3 coverage 90

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Pneumo_conj	2, 4, 6, 18 months; (pediatric invasive infection)
DT	4-6 years;		[Part of country]
DTPHib	2, 4, 6, 18 months; (split acellular pertussis)	Td	13-16 years;
HepB	birth; 2, 6 months;	Varicella	12 months;
MMR	12 months; 4-6 years; (screening girls 11-13 years for vaccine documentation)		
OPV	2, 4, 6, 18 months; 4-6 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Republic of Korea



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 8

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	47 430	47 142	46 835	46 512	46 172	42 869	38 124
Births	574	586	597	607	619	698	850
Surviving infants	583	594	604	615	629	681	824
Pop. less than 5 years	2 986	3 045	3 112	3 191	3 279	3 280	4 292
Pop. less than 15 years	9 619	9 695	9 794	9 922	10 073	11 077	12 961
Female 15-49 years	13 502	13 476	13 426	13 350	13 249	12 116	9 986

Number of reported cases

Diphtheria	-	0	-	-	0	0	51
Measles	41	23 044	32 088	-	4	3 415	5 097
Pertussis	10	9	28	-	9	174	1 554
Polio	0	0	0	0	0	0	14
Tetanus (neonatal)	-	-	-	-	0	0	-
Tetanus (total)	-	7	6	-	3	0	1
Yellow fever	-	0	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	89	89	57	73	-	75	72	-
DTP1	-	-		97	59	97	-	-	-	-
DTP3	-	-	97	97	59	97	-	74	74	70
HepB3	-	-	92	92	89	93	-	82	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	97	97	66	95	-	85	93	4
Pol3	-	-	99	99	59	99	-	71	74	89
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	244	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			
				Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	2, 4, 6, 5-18 months; 4-6 years;
DT	2, 4, 6, 18 months; 4-6 years; (if pertussis vaccine is contraindicated)	Td	Every 10 years after 6 years
DTaP	2, 4, 6, 18 months; 4-6 years;		
HepB	birth; 1, 2-6 months;		
Jap.Enc.	12-24 months; +1-2 weeks; 36 months; 6, 12 years;		
MMR	12-15 months; 4-6 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Republic of Moldova



Development status	Economy in transition	GNI per capita (US\$)	1 400	GDP per capita (US\$)	1 210
Infant (under 12 months) mortality rate	^{2§}	18	Child (under 5 years) mortality rate	^{2§}	24

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 270	4 276	4 283	4 292	4 303	0	0
Births	49	49	49	49	49	0	0
Surviving infants	48	48	48	49	51	0	0
Pop. less than 5 years	240	243	250	260	273	0	0
Pop. less than 15 years	905	943	982	1 020	1 058	0	0
Female 15-49 years	1 193	1 187	1 180	1 171	1 162	0	0

Number of reported cases

Diphtheria	1	5	10	11	11	6	-
Measles	4 929	457	687	245	673	3 242	-
Pertussis	5	210	169	38	182	266	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	0	1	1	0	1	-	-
Yellow fever	-	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99	98	98	99*	99	96	92
DTP1	-	-		98	97	94	-	-	-	-
DTP3	-	-	97	97	90	91	97	97	-	-
HepB3	-	-	99	99	84	88	94	93	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	94	94	81	87	99	99	94	94
Pol3	-	-	98	98	93	92	98	98	91	94
TT2plus	1999	- MICS		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	19	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	3-5 days; 6-7 years;	Td	14-15, 20, 25, 30, 35 years; (>40, 50, 60 years)
DT	6-7 years;		
DTwP	2, 4, 6, 22-24 months;		
HepB	birth; 1, 6 months; (3 months if risk perinatal transmission)		
Hib	2, 4, 6 months; (not yet implemented)		
MMR	12 months; 6-7 years;		
OPV	2, 4, 6, 22-24 months; 6-7 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Romania



Development status	Economy in transition	GNI per capita (US\$)	1 1670	GDP per capita (US\$)	1 6 423
Infant (under 12 months) mortality rate	2§	21	Child (under 5 years) mortality rate	2§	24

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	22 387	22 437	22 480	22 512	22 536	23 207	22 201
Births	232	232	231	231	232	319	384
Surviving infants	227	227	227	228	229	342	393
Pop. less than 5 years	1 139	1 141	1 142	1 139	1 135	1 805	2 006
Pop. less than 15 years	3 836	3 974	4 101	4 211	4 308	5 469	5 922
Female 15-49 years	5 844	5 834	5 823	5 812	5 801	5 587	5 328

Number of reported cases

Diphtheria	0	0	0	0	0	0	12
Measles	14	10	35	240	9 547	4 691	10 476
Pertussis	90	209	493	82	97	817	11 441
Polio	0	0	0	0	0	5	125
Tetanus (neonatal)	0	1	0	0	0	1	-
Tetanus (total)	21	23	14	19	23	33	33
Yellow fever	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵		1990	1980		
	Year	Result	Estimates	2002	Year	Result				
BCG	-	-	99	99*	99*	-	99*	99*	90	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	99	-	99	99	97	-	96	-
HepB3	-	-	99	99	98	98	99	99*	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	98	98	98	98	98	97	92	-
Pol3	-	-	99	-	99	99	98	98	92	-
TT2plus	-	-	-	38	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	42	Proportion of districts reporting DTP3 coverage of	100
Percent reporting completeness, DTP3 coverage		{ Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage	-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	4-7 days; (introduction of rubella vaccination at national level for girls 14 years)	Measles	12-15 months; 7 years;
DT	7, 14 years;	OPV	2, 4, 6, 12 months; 9 years;
DTwP	4, 12, 30-35 months;	Rubella	14 years; (girls only) [Part of country]
DTwPHep	2, 6 months;	Td	24 years; (every 10 years)
HepB	birth; 9 years; (medical workers medical students 3 doses(0-1-6))		
IPV	2, 4, 6, 12 months; (in orphanages)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Russian Federation



Development status	Economy in transition	GNI per capita (US\$)	1 1660	GDP per capita (US\$)	1 8 377
Infant (under 12 months) mortality rate	^{2§}	16	Child (under 5 years) mortality rate	^{2§}	21

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	144 082	144 877	145 612	146 270	146 848	0	0
Births	1 227	1 233	1 245	1 265	1 289	0	0
Surviving infants	1 214	1 226	1 245	1 268	1 293	0	0
Pop. less than 5 years	6 197	6 305	6 445	6 605	6 788	0	0
Pop. less than 15 years	23 702	24 968	26 206	27 388	28 514	0	0
Female 15-49 years	39 265	39 264	39 209	39 113	38 975	0	0

Number of reported cases

Diphtheria	778	909	771	838	1 409	1 211	-
Measles	580	2 072	4 800	7 428	6 215	18 370	-
Pertussis	5 455	12 073	29 983	22 222	28 045	24 960	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	40	0	-	-
Tetanus (total)	31	42	33	49	49	-	-
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵		1990	1980		
	Year	Result	Estimates 2002	2002	2002	2002				
BCG	-	-	97	97	-	-	96	95	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	96	96	-	-	95	91	-	-
HepB3	-	-	82	82	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	98	98	-	-	97	94	-	-
Pol3	-	-	97	97	-	-	97	94	-	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	89	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	100		

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	3-7 days;	MM	12 months; 6 years;
DT		Mumps	12 months; 6 years;
DTwP	3, 4.5, 6, 18 months;	OPV	3, 4.5, 6, 18, 20 months;
HepB	birth; 1, 6 months; 13 years (only when not vaccinated before)	Rubella	12 months; 6, 13 years (only when not vaccinated before)
Measles	12 months; 6 years;	Td	
MenC_conj	1 year; (after 3 years only according to epidemiologic data)	Typhoid	3 years; (only when epidemiological data)

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Rwanda



Development status	Least developed	GNI per capita (US\$)	1 230	GDP per capita (US\$)	1	943
Infant (under 12 months) mortality rate	^{2§}	113	Child (under 5 years) mortality rate	^{2§}	183	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 272	8 066	7 724	7 209	6 557	6 775	5 157
Births	358	342	323	304	288	271	273
Surviving infants	303	286	269	255	243	245	232
Pop. less than 5 years	1 486	1 445	1 382	1 289	1 172	1 218	1 060
Pop. less than 15 years	3 743	3 653	3 504	3 279	2 994	3 223	2 518
Female 15-49 years	2 089	2 040	1 949	1 805	1 618	1 517	1 123

Number of reported cases

Diphtheria	0	0	0	0	-	14	3
Measles	2 738	896	2 095	4 359	-	8 970	80 402
Pertussis	0	23	0	561	-	177	16 189
Polio	0	0	0	29	-	0	24
Tetanus (neonatal)	18	18	5	0	-	1	-
Tetanus (total)	0	27	10	24	-	18	103
Yellow fever	0	-	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	92 MICS	99	99*	74	81	94	-	57	-
DTP1	1999	91 MICS		95	76	93	-	-	-	-
DTP3	1999	81 MICS	88	88	77	90	85	-	57	-
HepB3	-	-	88	88	-	-	-	-	-	-
Hib3	-	-		88	-	-	-	-	-	-
MCV	1999	83 MICS	69	69	69	57	78	-	55	-
Pol3	1999	89 MICS	85	85	76	90	85	-	58	-
TT2plus	1999	- MICS		58	37	-	83	-	87	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	39	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	82
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	15
			From 60 to 69%	3
			From 50 to 59%	
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth-11 months		
DTPHep	1.5, 2.5, 3.5 months; (birth-11 months)		
Measles	9 months; (birth-11 months)		
OPV	birth; 1.5, 2.5, 3.5 months; (birth-11 months)		
TT	pregnant women		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Saint Kitts and Nevis



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	42	42	42	43	43	41	44
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	80	305
Pertussis	0	0	0	0	0	0	0
Polio	-	0	0	0	0	-	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	0	0	2
Yellow fever	-	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	99	99	97	99*	99	99	-	-
DTP1	-	-		96	95	99*	-	-	-	-
DTP3	-	-	98	98	99*	99	99	98	99	56
HepB3	-	-	97	97	99*	99*	-	99	-	-
Hib3	-	-		97	99	12	-	-	-	-
MCV	-	-	99	99*	94	99*	99	99	99	-
Pol3	-	-	97	97	99*	99	99	98	99	76
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country 17

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

Proportion of districts not reporting DTP3 coverage -

}

Greater or equal to 80% 100

From 70 to 79%

From 60 to 69%

From 50 to 59%

Lesser than 50%

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	4 weeks;	Td	11-12 years;
DT	11-12 years;		
DTPHibHep	2, 4, 6 months;		
DTwP	18 months;		
HepA	11, 11, 11-12 years; (school entrants)		
Hib	2, 4, 18 months; 5 years;		
MMR	12-15 months; +3 years;		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Saint Lucia



Infant (under 12 months) mortality rate ^{2§} 15 Child (under 5 years) mortality rate ^{2§} 20

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	148	147	146	145	144	131	113
Births	3	3	2	2	2	3	3
Surviving infants	3	3	3	3	3	3	4
Pop. less than 5 years	14	14	15	15	16	16	16
Pop. less than 15 years	45	45	46	46	47	49	49
Female 15-49 years	42	41	41	40	39	33	25

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	30	35
Pertussis	0	0	0	0	0	7	20
Polio	0	0	0	0	0	-	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	1	0	0	0	0	1
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	95	-	99*	91	99	85	97	27
DTP1	-	-	-	-	99*	76	-	-	-	-
DTP3	-	-	74	-	99*	70	89	88	91	56
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	97	-	89	-	95	90	83	-
Pol3	-	-	90	-	99*	70	89	88	90	58
TT2plus	-	-	-	-	31	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	8	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	25
Percent reporting completeness, DTP3 coverage			From 70 to 79%	50
			From 60 to 69%	13
			From 50 to 59%	13
			Lesser than 50%	
Proportion of districts not reporting DTP3 coverage				-1

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	6 weeks;		
DT	5 years;		
DTaP	3, 5, 7, 18 months;		
DTPHibHep	3, 5, 7 months; new borns		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Saint Vincent and the Grenadines



Infant (under 12 months) mortality rate ^{2§} 16 Child (under 5 years) mortality rate ^{2§} 19

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	119	118	118	117	116	110	100
Births	2	2	2	2	2	2	3
Surviving infants	2	2	2	2	2	3	3
Pop. less than 5 years	11	11	12	12	12	14	15
Pop. less than 15 years	37	38	39	40	40	42	44
Female 15-49 years	32	31	30	30	29	26	23

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	1	257
Pertussis	0	0	0	0	0	0	0
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	1	0	0
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	90	90	99*	99*	99	99*	99	-
DTP1	-	-		97	92	91	-	-	-	-
DTP3	-	-	99	99*	99*	99*	95	99*	98	26
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	99	99	98	96	87	99*	96	-
Pol3	-	-	99	99*	99*	99*	99	99*	92	26
TT2plus	-	-	-	91	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 9
 Percent reporting completeness, DTP3 coverage 100
 Proportion of districts reporting DTP3 coverage of {
 Greater or equal to 80%
 From 70 to 79%
 From 60 to 69%
 From 50 to 59%
 Lesser than 50%
 Proportion of districts not reporting DTP3 coverage -

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Td	11 year;
DT	4-5 years;		
DTwP	3, 4, 5, 18 months; 4-5 years;		
Measles	1, 4-5 years;		
MM	1, 4-5 years;		
OPV	3, 4, 5, 18 months; 4-5 years;		
Pa	3, 4, 5 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
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Immunization profile - Samoa



Development status	Least developed	GNI per capita (US\$)	¹ 1450	GDP per capita (US\$)	¹ 5 041
Infant (under 12 months) mortality rate	^{2§} 26	Child (under 5 years) mortality rate	^{2§} 32		

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	176	175	173	171	170	160	155
Births	5	5	5	5	5	5	5
Surviving infants	5	5	5	5	5	6	5
Pop. less than 5 years	25	25	25	25	25	23	23
Pop. less than 15 years	71	71	70	70	69	65	65
Female 15-49 years	39	39	38	38	38	36	37

Number of reported cases

Diphtheria	-	-	-	-	0	0	0
Measles	-	-	-	-	8	0	376
Pertussis	-	-	-	-	0	0	113
Polio	-	0	-	0	0	0	0
Tetanus (neonatal)	-	-	-	-	0	0	0
Tetanus (total)	-	-	-	-	0	0	0
Yellow fever	-	0	-	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵						
	Year	Result	Estimates	2002							
BCG	-	-	98	98	98	97	99	99*	97	72	
DTP1	-	-		99	96	94	-	-	-	-	
DTP3	-	-	96	96	93	99*	98	99*	90	29	
HepB3	-	-	98	98	98	96	99	99	-	-	
Hib3	-	-		-	-	-	-	-	-	-	
MCV	-	-	99	99	92	93	91	99*	89	-	
Pol3	-	-	96	96	92	99*	98	99*	88	29	
TT2plus	-	-		97	99	99*	91	99	70	-	
VitA	-	-		-	-	-	-	-	-	-	
YFV	-	-		-	-	-	-	-	-	-	

Number of districts in the country	17	Proportion of districts reporting DTP3 coverage of	{ <ul style="list-style-type: none"> Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	17		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DT	5 years;		
DTwP	6, 10, 14 weeks;		
HepB	birth; 6, 14 weeks;		
Measles	9 months; 5 years;		
OPV	6, 10, 14 weeks; 5 years;		
TT	7, 8 months (pregnancy); 6 weeks (post natal);		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - San Marino



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	27	27	27	26	26	23	21
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	-	-	0	0	-	0	0
Measles	-	-	1	0	-	1	-
Pertussis	-	-	0	0	-	-	7
Polio	-	-	0	0	0	0	0
Tetanus (neonatal)	-	-	0	0	-	0	-
Tetanus (total)	-	-	0	0	-	0	0
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵			
	Year	Result	Estimates 2002				
BCG	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-
DTP3	-	-	96	-	-	99	-
HepB3	-	-	94	-	-	97	-
Hib3	-	-	-	-	-	95	-
MCV	-	-	74	-	-	99*	-
Pol3	-	-	96	-	-	-	-
TT2plus	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-

Number of districts in the country -

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	6 years;		
DTP	3, 5, 11 months;		
HepB	3, 5, 11 months;		
Hib	3, 5, 11 months;		
MMR	15 months;		
OPV	3, 11, 24 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Sao Tome and Principe



Development status	Least developed	GNI per capita (US\$)	1 290	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	^{2§}	32	Child (under 5 years) mortality rate	^{2§}	43	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	157	153	149	145	142	116	94
Births	5	5	5	5	4	4	3
Surviving infants	5	5	5	5	5	4	3
Pop. less than 5 years	24	24	23	23	22	18	18
Pop. less than 15 years	64	63	61	60	60	55	44
Female 15-49 years	39	38	36	35	34	24	19

Number of reported cases

Diphtheria	0	0	0	-	-	-	0
Measles	0	0	0	-	-	10	519
Pertussis	0	0	0	-	-	-	0
Polio	0	0	0	0	0	0	4
Tetanus (neonatal)	0	0	0	-	-	4	-
Tetanus (total)	0	0	0	-	-	-	12
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99*	92	81	-	80	99*	-
DTP1	-	-	-	94	88	-	-	-	-	-
DTP3	-	-	92	91	92	82	-	73	92	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	85	85	75	69	-	59	71	-
Pol3	-	-	93	92	-	87	-	72	90	-
TT2plus	1999	64 MICS	-	84	-	75	-	31	65	-
VitA	-	-	-	-	99*	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	7	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	12			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	first visit; second visit;		
VitaminA	9 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Saudi Arabia



Infant (under 12 months) mortality rate ^{2§} 21 Child (under 5 years) mortality rate ^{2§} 25

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	23 520	22 829	22 147	21 469	20 796	16 554	9 604
Births	751	736	717	698	681	611	424
Surviving infants	721	702	683	665	650	587	382
Pop. less than 5 years	3 458	3 373	3 292	3 216	3 144	2 825	1 819
Pop. less than 15 years	9 187	8 978	8 784	8 606	8 441	6 996	4 257
Female 15-49 years	5 458	5 257	5 034	4 784	4 513	3 380	1 879

Number of reported cases

Diphtheria	9	0	-	0	0	1	99
Measles	311	155	-	2 815	5 519	5 439	46 115
Pertussis	42	35	-	11	85	112	9 815
Polio	0	0	0	0	1	5	257
Tetanus (neonatal)	28	27	-	-	10	13	-
Tetanus (total)	39	35	-	19	21	33	124
Yellow fever	0	0	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	98	98	95	-	92	92	90	33
DTP1	-	-	-	97	99	-	-	-	-	-
DTP3	-	-	95	95	97	-	93	94	92	41
HepB3	-	-	97	97	95	-	92	95	66	-
Hib3	-	-	-	91	-	-	-	-	-	-
MCV	-	-	97	97	94	-	92	93	88	8
Pol3	-	-	95	95	97	-	93	94	92	50
TT2plus	-	-	-	-	-	-	66	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	20	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHib	2, 4, 6, 18 months;		
HepB	birth; 2, 6 months;		
MMR	12 months; 4-6 years;		
OPV	2, 4, 6, 18 months; 4-6 years;		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Senegal



Development status	Least developed	GNI per capita (US\$)	1 490	GDP per capita (US\$)	1 510
Infant (under 12 months) mortality rate	^{2§}	61	Child (under 5 years) mortality rate	^{2§}	113

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	9 855	9 621	9 393	9 172	8 957	7 345	5 538
Births	368	362	355	348	342	315	264
Surviving infants	340	333	326	320	315	289	238
Pop. less than 5 years	1 599	1 569	1 542	1 521	1 504	1 356	1 044
Pop. less than 15 years	4 284	4 215	4 147	4 080	4 014	3 412	2 511
Female 15-49 years	2 359	2 289	2 220	2 153	2 088	1 638	1 236

Number of reported cases

Diphtheria	-	-	-	-	0	-	291
Measles	14 480	24 789	5 839	3 668	6 594	5 004	29 144
Pertussis	0	-	0	30	-	1 041	22 792
Polio	-	0	0	0	10	3	138
Tetanus (neonatal)	38	45	0	5	16	67	-
Tetanus (total)	-	45	0	-	-	109	1 378
Yellow fever	-	18	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	88 DHS	70	70	89	89	90	81	90	-
DTP1	1999	73 DHS		70	79	79	-	-	-	-
DTP3	1999	50 DHS	60	60	52	52	60	59	66	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	61 DHS	54	54	48	48	60	62	57	-
Pol3	1999	58 DHS	60	60	49	49	60	60	66	-
TT2plus	1999	75 DHS		57	45	45	82	34	37	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	53	34	34	43	-	-	-

Number of districts in the country	50	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	16
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	26
			From 60 to 69%	22
			From 50 to 59%	14
			Lesser than 50%	22
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +1, +6 months; +1, +1 year; CBAW, pregnant women (x3)		
YF	9 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Serbia and Montenegro



Development status	Economy in transition	GNI per capita (US\$)	1 940	GDP per capita (US\$)	1	-
Infant (under 12 months) mortality rate	^{2§}	13	Child (under 5 years) mortality rate	^{2§}	16	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	10 535	10 545	10 555	10 568	10 581	0	0
Births	124	125	126	128	130	0	0
Surviving infants	124	125	126	128	130	0	0
Pop. less than 5 years	624	632	642	652	665	0	0
Pop. less than 15 years	2 034	2 074	2 116	2 159	2 203	0	0
Female 15-49 years	2 595	2 607	2 615	2 620	2 622	0	0

Number of reported cases

Diphtheria	0	0	0	0	0	0	2
Measles	63	35	38	288	922	4 978	37 441
Pertussis	72	7	24	40	116	1 440	6 710
Polio	0	0	0	0	0	3	4
Tetanus (neonatal)	0	0	0	2	-	0	17
Tetanus (total)	11	14	24	34	-	57	99
Yellow fever	0	-	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	95	95	67	99*	82	-	76	-
DTP1	-	-	-	91	-	98	-	-	-	-
DTP3	-	-	95	95	93	95	92	-	84	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	92	92	91	89	84	-	83	-
Pol3	-	-	95	95	93	98	92	-	81	-
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	55	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	38
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	4
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
Proportion of districts not reporting DTP3 coverage				58

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	2, 3.5, 5, 17 months;		
MMR	12 months; 12 years;		
OPV	2, 3.5, 5, 17 months; 7 years; (14 years)		
Td	7, 14 years;		
TT	18 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Seychelles



Infant (under 12 months) mortality rate ^{2§} - Child (under 5 years) mortality rate ^{2§} -

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	80	80	79	78	77	71	64
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	-	0	0	0	-
Measles	0	0	-	2	626	13	3
Pertussis	0	0	-	0	0	2	0
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	-	0	0	0	-
Tetanus (total)	0	0	-	0	0	1	2
Yellow fever	0	0	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	-	-	99	99*	99	-	99*	99*	98	-
DTP1	-	-		99*	99	-	-	-	-	-
DTP3	-	-	99	99	96	-	99	99	99	-
HepB3	-	-	98	98	95	-	99	96	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	98	98	95	-	99	93	86	-
Pol3	-	-	99	99	96	-	99	99	99	-
TT2plus	-	-		99*	99	-	99	-	99*	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		95	75	-	99	-	-	-

Number of districts in the country	16	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6 years;	TT	15 years; pregnant women >25 years
DT	6 years;	YF	12 months;
DTwP	3, 4, 5, 18 months;		
HepB	3, 4, 9 months;		
Measles	15 years;		
MMR	15 months; 6 years;		
OPV	3, 4, 5, 18 months; 6-15 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Sierra Leone



Development status	Least developed	GNI per capita (US\$)	1 130	GDP per capita (US\$)	1	490
Infant (under 12 months) mortality rate	2§	179	Child (under 5 years) mortality rate	2§	307	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 764	4 573	4 415	4 294	4 205	4 054	3 239
Births	239	232	225	218	211	195	158
Surviving infants	191	185	179	174	170	157	125
Pop. less than 5 years	864	827	796	771	753	724	571
Pop. less than 15 years	2 103	2 014	1 940	1 882	1 840	1 762	1 393
Female 15-49 years	1 111	1 068	1 033	1 006	986	946	755

Number of reported cases

Diphtheria	-	-	0	-	-	-	0
Measles	568	649	3 575	-	-	830	3 625
Pertussis	-	-	0	-	-	-	1 619
Polio	0	0	34	14	3	38	11
Tetanus (neonatal)	200	38	36	-	-	26	-
Tetanus (total)	-	-	36	-	-	103	871
Yellow fever	0	-	1	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	2000	74 EPI	70	70	60	39	55	78	98	36
DTP1	2000	64 EPI		87	58	33	-	-	-	-
DTP3	2000	44 EPI	50	50	38	24	-	56	83	13
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	37 EPI	60	60	53	43	40	68	75	36
Pol3	2000	46 EPI	50	50	38	26	43	56	83	7
TT2plus	2000	51 EPI		60	42	20	-	42	81	9
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	60	-	-	-	-	-	-

Number of districts in the country	13	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	8
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	15
			From 60 to 69%	8
			From 50 to 59%	46
			Lesser than 50%	23
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; <1 year		
DTwP	6, 10, 14 weeks; <1 year		
Measles	9 months; <1 year		
OPV	birth; 6, 10, 14 weeks; <1 year		
TT	first contact; +4 weeks; +6 months; +1, +1 year; CBAW 15-49 years [Part of country]		
YF	9 months; <1 year		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Singapore



Infant (under 12 months) mortality rate ^{2§} 3 Child (under 5 years) mortality rate ^{2§} 4

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 183	4 105	4 016	3 918	3 811	3 016	2 414
Births	43	45	47	49	51	54	40
Surviving infants	45	47	49	51	53	51	39
Pop. less than 5 years	253	264	274	284	293	229	194
Pop. less than 15 years	884	881	874	862	845	647	653
Female 15-49 years	1 158	1 150	1 139	1 124	1 105	938	695

Number of reported cases

Diphtheria	0	-	0	0	0	1	0
Measles	211	408	141	65	114	143	-
Pertussis	0	1	2	1	1	8	5
Polio	0	0	0	0	0	0	1
Tetanus (neonatal)	-	0	0	0	0	0	2
Tetanus (total)	-	-	0	5	-	0	-
Yellow fever	0	-	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	98	99	97	-	98	98	99	85
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	92	92	92	-	94	95	85	84
HepB3	-	-	92	92	91	-	95	96	74	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	91	91	89	-	93	96	84	47
Pol3	-	-	92	92	91	-	95	96	85	83
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6 years; (2nd dose for children with no scar and no previous vaccination history)	Td	6-7, 11-12 years;
DT	6-7, 11-12 years;		
DTwP	3, 4, 5, 18 months;		
HepB	birth; 1, 5-6 months; (booster at 12 months for babies born to HbsAg positive mothers)		
MMR	1-2, 11-12 years;		
OPV	3; 4, 5, 18 months; 6-7, 11-12 years;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Slovakia



Development status	Economy in transition	GNI per capita (US\$)	1 3700	GDP per capita (US\$)	1	11 243
Infant (under 12 months) mortality rate	^{2§}	8	Child (under 5 years) mortality rate	^{2§}	11	

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	5 398	5 394	5 391	5 388	5 385	0	0
Births	54	55	55	55	56	0	0
Surviving infants	55	55	55	56	58	0	0
Pop. less than 5 years	276	281	288	299	313	0	0
Pop. less than 15 years	995	1 023	1 053	1 085	1 117	0	0
Female 15-49 years	1 450	1 451	1 450	1 446	1 440	0	0

Number of reported cases							
Diphtheria	0	0	0	0	0	0	-
Measles	0	0	0	0	530	47	-
Pertussis	36	3	43	108	8	194	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	2	0	0	0	0	-	-
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen										
	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	98	98	93	-	96	93	-	-
DTP1	-	-		99	99	-	-	-	-	-
DTP3	-	-	99	99	99	-	99	99	-	-
HepB3	-	-	99	99	99	-	-	-	-	-
Hib3	-	-		92	99	-	-	-	-	-
MCV	-	-	99	99	99	-	99	99	-	-
Pol3	-	-	98	98	99	-	99	98	-	-
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	79	Proportion of districts reporting DTP3 coverage of	{ <ul style="list-style-type: none"> Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50% 	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 10 years; (changes for 2003: 10 years BCG tuberculin negativ.)	OPV	9 weeks; 5, 17, 19 months; 11 year;
DTwP	9, 16-20 weeks; 10-14 months; 2, 5 years;	TT	13 years;
HepB	9, 16-20 weeks; 10-14 months; other risk groups in other age; (changes for 2003: 11 years 3 doses of Hepatitis B for adolcent.)		
Hib	9, 16-20 weeks; 10-14 months;		
MMR	14 months; 11 year;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Slovenia



Development status	Economy in transition	GNI per capita (US\$)	1 10050	GDP per capita (US\$)	1 17 367
Infant (under 12 months) mortality rate	2§	6	Child (under 5 years) mortality rate	2§	7

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 986	1 988	1 990	1 992	1 995	0	0
Births	16	16	17	17	18	0	0
Surviving infants	17	17	18	18	18	0	0
Pop. less than 5 years	87	89	91	93	96	0	0
Pop. less than 15 years	297	306	316	327	339	0	0
Female 15-49 years	513	516	518	520	520	0	0

Number of reported cases

Diphtheria	0	0	-	0	0	-	-
Measles	0	0	-	1	13	-	-
Pertussis	29	77	-	23	25	-	-
Polio	0	-	0	0	0	-	-
Tetanus (neonatal)	0	0	-	0	0	-	-
Tetanus (total)	5	2	-	5	3	-	-
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	98	-	-	-	96	98	-	-
DTP1	-	-	-	-	-	-	-	-	-	-
DTP3	-	-	92	-	-	-	92	91	-	-
HepB3	-	-	-	-	-	-	95	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	94	-	-	-	98	93	90	85
Pol3	-	-	93	-	-	-	93	90	95	87
TT2plus	-	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

9 Proportion of districts reporting DTP3 coverage of

{ Greater or equal to 80%
 From 70 to 79%
 From 60 to 69%
 From 50 to 59%
 Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTaP	3, 4.5, 6, 18 months;		
HepB	6, 6, 7 years; (risk groups)		
Hib	3, 4.5, 6, 18 months;		
MMR	12 months; 6 years;		
OPV	3, 4.5, 6, 18 months;		
Td	9, 13 years; (risk groups)		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Solomon Islands



Development status	Least developed	GNI per capita (US\$)	1 620	GDP per capita (US\$)	1 648
Infant (under 12 months) mortality rate	2§	21	Child (under 5 years) mortality rate	2§	31

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	463	450	437	424	411	319	229
Births	15	15	15	15	14	12	9
Surviving infants	15	15	15	15	14	12	9
Pop. less than 5 years	74	73	71	70	69	56	44
Pop. less than 15 years	199	194	190	185	181	146	109
Female 15-49 years	109	105	101	98	94	70	48

Number of reported cases

Diphtheria	0	0	-	-	0	0	0
Measles	0	0	-	-	0	343	340
Pertussis	0	61	-	-	32	27	2
Polio	0	0	-	0	0	0	0
Tetanus (neonatal)	0	0	-	-	0	4	-
Tetanus (total)	0	0	-	-	0	46	14
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵		1990	1980		
	Year	Result	Estimates	2002	2002	2002				
BCG	-	-	76	76	85	-	99	72	87	65
DTP1	-	-	-	79	84	-	-	-	-	-
DTP3	-	-	71	71	78	-	86	69	77	46
HepB3	-	-	78	69	78	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	78	67	78	-	96	64	70	-
Pol3	-	-	68	68	80	-	84	69	75	43
TT2plus	-	-	-	50	52	-	-	55	64	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	10	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	50
Percent reporting completeness, DTP3 coverage	89		From 70 to 79%	
			From 60 to 69%	
		From 50 to 59%	30	
		Lesser than 50%	10	
		Proportion of districts not reporting DTP3 coverage		10

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (school entry if there is no scar)	TT	school entry (all antenatal and anyone with wounds)
DTwP	2, 4, 6 months;	VitaminA	<5 years; (underweight)
HepB	birth; 2, 4 months; (all infants)		
Measles	9 months; 1-5 years; (all 9 months, 2nd dose every 3-4 years measles campaigns)		
OPV	2, 4, 6 months; 5-7 years; (all infants and school entries)		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Somalia



Development status Least developed	GNI per capita (US\$) ¹ -	GDP per capita (US\$) ¹ -
Infant (under 12 months) mortality rate ^{2§}	120	Child (under 5 years) mortality rate ^{2§} 198

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	9 480	9 088	8 720	8 373	8 050	7 163	6 487
Births	499	480	460	442	425	364	312
Surviving infants	422	404	387	371	357	309	254
Pop. less than 5 years	1 931	1 842	1 756	1 672	1 591	1 429	1 268
Pop. less than 15 years	4 546	4 350	4 166	3 994	3 835	3 426	3 032
Female 15-49 years	2 105	2 022	1 944	1 869	1 798	1 569	1 429

Number of reported cases

Diphtheria	-	-	-	-	0	-	-
Measles	9 559	3 571	3 965	5 523	3 075	-	-
Pertussis	-	-	-	24	792	-	-
Polio	3	7	96	19	12	-	-
Tetanus (neonatal)	-	-	966	-	99	-	-
Tetanus (total)	-	-	-	-	111	-	-
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	71 MICS	60	60	70	69	39	57	-	6
DTP1	1999	59 MICS		60	57	57	-	-	-	-
DTP3	1999	36 MICS	40	40	33	33	18	24	-	9
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	38 MICS	45	45	35	-	26	47	-	9
Pol3	1999	40 MICS	40	40	33	37	18	24	-	8
TT2plus	1999	22 MICS		60	39	22	16	41	-	-
VitA	-	-		75	42	95	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	112	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%
Percent reporting completeness, DTP3 coverage	75		
Proportion of districts not reporting DTP3 coverage			100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	2 doses for pregnant women		
VitaminA	6-59 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - South Africa



Infant (under 12 months) mortality rate ^{2§} 48 Child (under 5 years) mortality rate ^{2§} 76

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	44 759	44 416	44 000	43 513	42 956	36 848	29 140
Births	1 016	1 023	1 028	1 031	1 037	1 087	1 017
Surviving infants	974	978	982	988	998	1 019	929
Pop. less than 5 years	4 810	4 849	4 900	4 967	5 046	4 999	4 465
Pop. less than 15 years	14 879	14 931	14 976	15 019	15 055	14 216	12 198
Female 15-49 years	12 239	12 111	11 946	11 743	11 505	9 319	6 872

Number of reported cases

Diphtheria	1	0	2	0	4	34	57
Measles	1 043	1 166	1 459	385	977	10 624	19 193
Pertussis	5	24	8	34	39	-	-
Polio	0	0	0	4	104	5	112
Tetanus (neonatal)	6	10	11	2	6	58	166
Tetanus (total)	38	13	11	4	16	117	288
Yellow fever	-	0	0	-	0	0	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>	<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1997	97 DHS	94	94	80	99	97	-	59	-
DTP1	1997	93 DHS		88	87	95	-	-	-	-
DTP3	1997	76 DHS	82	82	81	96	76	76	74	-
HepB3	1997	74 DHS	83	83	80	88	-	-	-	-
Hib3	-	-		76	78	88	-	-	-	-
MCV	1997	82 DHS	78	78	72	95	82	82	79	-
Pol3	1997	72 DHS	84	84	80	96	72	-	76	-
TT2plus	-	-		52	60	65	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	53	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	42
Percent reporting completeness, DTP3 coverage	90		From 70 to 79%	19
			From 60 to 69%	15
			From 50 to 59%	13
			Lesser than 50%	11
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	TT	pregnant women (2 provinces do not vaccinate pregnant women) [Part of country]
DT	5 years;	VitaminA	
DTPHib	6, 10, 14 weeks;		
DTwP	18 months;		
HepB	6, 10, 14 weeks;		
Measles	9, 18 months;		
OPV	birth; 6, 14, 18 weeks; 5 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Spain



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 7

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	40 977	40 875	40 752	40 606	40 440	39 303	37 542
Births	381	382	383	384	385	400	576
Surviving infants	381	382	383	383	383	407	601
Pop. less than 5 years	1 921	1 925	1 927	1 926	1 924	2 032	3 362
Pop. less than 15 years	5 850	5 893	5 949	6 018	6 101	7 616	9 976
Female 15-49 years	10 667	10 673	10 663	10 640	10 602	9 844	8 915

Number of reported cases

Diphtheria	0	-	0	0	0	0	7
Measles	67	-	152	246	446	21 650	145 322
Pertussis	345	-	921	417	315	10 075	-
Polio	0	0	0	0	0	0	17
Tetanus (neonatal)	0	-	0	-	-	-	-
Tetanus (total)	20	-	27	-	-	54	500
Yellow fever	0	-	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>		
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>				
BCG	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-
DTP3	-	-	96	96	-	95	93
HepB3	-	-	80	-	-	80	-
Hib3	-	-	-	92	-	92	-
MCV	-	-	97	97	-	94	97
Pol3	-	-	96	96	-	95	94
TT2plus	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-

Number of districts in the country 19 Proportion of districts reporting DTP3 coverage of $\left\{ \begin{array}{l} \text{Greater or equal to 80\%} \\ \text{From 70 to 79\%} \\ \text{From 60 to 69\%} \\ \text{From 50 to 59\%} \\ \text{Lesser than 50\%} \end{array} \right. 100$

Percent reporting completeness, DTP3 coverage Proportion of districts not reporting DTP3 coverage -

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT		MMR	12-15 months; 3-6 years;
DTaP	2, 4, 6, 15-18 months; 4-6 years; [Part of country]	OPV	2, 4, 6, 15-18 months; 4-6 years;
DTwP	2, 4, 6, 15-18 months; 4-6 years; [Part of country]	Td	
HepB	0, 1-2, 6 months; (3 doses: 10-14 years)		
Hib	2, 4, 6, 15-18 months;		
MenC_conj	2, 4, 6 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Sri Lanka



Infant (under 12 months) mortality rate ^{2§} 20 Child (under 5 years) mortality rate ^{2§} 24

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	18 910	18 752	18 595	18 437	18 277	16 830	14 543
Births	312	311	310	308	308	346	392
Surviving infants	306	304	302	301	304	337	372
Pop. less than 5 years	1 507	1 507	1 514	1 530	1 555	1 720	1 788
Pop. less than 15 years	4 730	4 773	4 828	4 895	4 972	5 332	5 042
Female 15-49 years	5 113	5 060	4 995	4 920	4 834	4 173	3 439

Number of reported cases

Diphtheria	0	15	0	0	0	0	37
Measles	139	309	16 527	2 417	177	4 004	5 032
Pertussis	16	52	194	112	135	271	542
Polio	0	0	0	0	0	9	264
Tetanus (neonatal)	2	3	1	8	4	5	339
Tetanus (total)	34	75	97	72	76	183	1 243
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	99	99	99*	99*	97	90	84	61
DTP1	-	-	-	99	99*	96	-	-	-	-
DTP3	-	-	98	98	99*	99*	99	94	86	46
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	99	99	99*	99	95	94	80	-
Pol3	-	-	98	98	99*	99*	99	94	86	46
TT2plus	1992	65 DHS	-	95	99*	99*	91	78	68	50
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 25

Proportion of districts reporting DTP3 coverage of

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage -

Greater or equal to 80% 100
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Rubella	8 years;
DT	5 years;	Td	10 years;
DTwP	2, 4, 6, 18 months;	TT	pregnant women (2 doses 6 weeks apart in 1st pregnancy, max of 3 doses during next 3 pregnancies)
Jap.Enc.	12, 14, 24 months; (<10 years) [Part of country]	VitaminA	9, 18 months; 5, 9, 12 years;
Measles	9 months;		
MR	3 years;		
OPV	2, 4, 6, 18 months; 5 years;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Sudan



Development status	Least developed	GNI per capita (US\$)	1 310	GDP per capita (US\$)	1	1 797
Infant (under 12 months) mortality rate	^{2§}	78	Child (under 5 years) mortality rate	^{2§}	128	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	32 878	32 151	31 437	30 741	30 062	24 927	19 387
Births	1 098	1 095	1 091	1 086	1 079	962	831
Surviving infants	1 010	1 005	998	990	980	851	717
Pop. less than 5 years	4 865	4 821	4 771	4 713	4 650	3 978	3 369
Pop. less than 15 years	13 052	12 827	12 605	12 387	12 175	10 503	8 594
Female 15-49 years	7 981	7 786	7 597	7 413	7 234	5 885	4 429

Number of reported cases

Diphtheria	26	28	26	21	67	1 342	587
Measles	4 529	4 362	2 875	3 347	550	14 075	50 168
Pertussis	213	645	80	51	169	566	28 631
Polio	0	1	79	60	50	4	4 151
Tetanus (neonatal)	97	99	88	66	53	28	90
Tetanus (total)	121	-	-	66	-	411	4 451
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1994	28 MICS	48	68	71	66	92	80	73	2
DTP1	1994	64 MICS		80	85	70	-	-	-	-
DTP3	1994	46 MICS	40	64	71	65	79	70	62	1
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1994	48 MICS	49	62	80	60	79	62	57	-
Pol3	1994	46 MICS	40	64	71	65	78	68	62	1
TT2plus	-	-		35	37	34	62	55	75	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	105	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	12
Percent reporting completeness, DTP3 coverage	96		From 70 to 79%	10
			From 60 to 69%	10
		From 50 to 59%	7	
		Lesser than 50%	46	
		Proportion of districts not reporting DTP3 coverage	15	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +1, +6 months; +1, +1 year;		
VitaminA	6 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Suriname



Infant (under 12 months) mortality rate ^{2§} 26 Child (under 5 years) mortality rate ^{2§} 30

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	432	429	425	422	418	402	355
Births	9	9	9	10	10	9	10
Surviving infants	9	10	10	10	10	9	10
Pop. less than 5 years	47	48	48	47	46	47	46
Pop. less than 15 years	134	134	135	136	137	145	146
Female 15-49 years	120	119	117	115	113	104	85

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	35	254
Pertussis	0	5	0	0	0	0	0
Polio	0	0	0	0	0	-	0
Tetanus (neonatal)	3	0	0	0	0	0	0
Tetanus (total)	5	0	2	0	0	40	11
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵							
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>								
BCG	1999	- MICS	-	-	-	-	-	-	-	-	-
DTP1	1999	89 MICS	-	90	-	-	-	-	-	-	-
DTP3	1999	79 MICS	73	80	-	85	90	83	25		
HepB3	-	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-	-
MCV	1999	60 MICS	73	90	-	85	82	65	1		
Pol3	1999	79 MICS	73	80	-	84	90	81	24		
TT2plus	1999	- MICS	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	80	-	-	-	-	-	-	-

Number of districts in the country 10

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

Proportion of districts not reporting DTP3 coverage 20

Greater or equal to 80%
From 70 to 79%
From 60 to 69%
From 50 to 59%
Lesser than 50%

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	5 years;		
DTwP	3, 4, 5, 12 months; 5 years;		
HepB	birth; 1, 6 months;		
MMR	12 months;		
OPV	3, 4, 5, 12 months; 5 years;		
YF	12 months;		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Swaziland



Infant (under 12 months) mortality rate ^{2§} 79 Child (under 5 years) mortality rate ^{2§} 143

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 069	1 058	1 044	1 027	1 006	847	596
Births	37	37	37	37	37	35	28
Surviving infants	34	35	35	35	35	32	25
Pop. less than 5 years	166	166	166	166	164	154	116
Pop. less than 15 years	467	465	462	457	452	394	286
Female 15-49 years	267	265	261	256	250	204	136

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	0	0	0	0	0	-
Measles	37	49	10	0	180	1 465	-
Pertussis	0	0	0	0	0	20	-
Polio	0	0	0	0	0	0	192
Tetanus (neonatal)	0	1	0	0	0	3	-
Tetanus (total)	0	-	0	0	0	1	-
Yellow fever	-	-	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	95	95	95	90	97	99	96	-
DTP1	-	-		88	88	99*	-	-	-	-
DTP3	-	-	77	77	77	98	99*	84	89	-
HepB3	-	-	78	78	78	-	76	76	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	72	72	72	80	82	82	85	7
Pol3	-	-	76	76	76	97	97	99*	89	-
TT2plus	-	-		89	89	94	96	79	76	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	4	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	75
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	25
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6 months; 14 years; (to be soon introduced in 2003 into routine immunization programme)
DT	5 years;		
DTwP	6, 10, 14 weeks;		
HepB	6, 10, 14 weeks;		
Measles	9, 18 months;		
OPV	birth; 6, 10, 14 weeks; 18 months; 5 years;		
TT	first contact; +1, +6 months; +1, +1 year; CBAW 15-45 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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Sweden



Infant (under 12 months) mortality rate ^{2§} 3 Child (under 5 years) mortality rate ^{2§} 4

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	8 867	8 860	8 856	8 856	8 859	8 559	8 310
Births	91	90	88	86	86	117	92
Surviving infants	90	88	86	87	90	114	93
Pop. less than 5 years	440	443	454	477	509	553	487
Pop. less than 15 years	1 584	1 604	1 623	1 640	1 656	1 535	1 628
Female 15-49 years	1 958	1 962	1 969	1 981	1 998	2 048	1 902

Number of reported cases

Diphtheria	0	0	0	-	-	0	4
Measles	9	5	59	-	-	29	1 786
Pertussis	1 350	979	2 705	-	-	10 697	5 221
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	-	-	0	-
Tetanus (total)	0	1	0	-	-	1	4
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	-	-	-	16	15	14	-	-	-
DTP1	-	-	-	-	-	-	-	-	-
DTP3	-	-	99	99	99	99	-	99	-
HepB3	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	98	99	98	-	-	-
MCV	-	-	94	91	94	95	-	95	-
Pol3	-	-	99	99	99	99	-	99	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country 285 Proportion of districts reporting DTP3 coverage of $\left\{ \begin{array}{l} \text{Greater or equal to 80\%} \\ \text{From 70 to 79\%} \\ \text{From 60 to 69\%} \\ \text{From 50 to 59\%} \\ \text{Lesser than 50\%} \end{array} \right. 100$

Percent reporting completeness, DTP3 coverage Proportion of districts not reporting DTP3 coverage -

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	6 months; (high risk groups)		
DT	10 years;		
DTaPHibIPV	3, 5, 12 months;		
IPV	6 years;		
MMR	18 months; 12 years;		
Td	10 years;		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Switzerland



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 6

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	7 171	7 173	7 173	7 172	7 170	6 834	6 319
Births	63	65	67	70	72	81	71
Surviving infants	65	68	70	72	75	80	71
Pop. less than 5 years	344	356	368	380	392	400	356
Pop. less than 15 years	1 164	1 182	1 196	1 208	1 217	1 154	1 247
Female 15-49 years	1 658	1 669	1 681	1 694	1 709	1 754	1 595

Number of reported cases

Diphtheria	0	0	0	0	0	0	1
Measles	-	700	-	800	2 000	1 990	-
Pertussis	-	6 000	-	11 000	13 000	-	-
Polio	0	0	0	0	0	0	1
Tetanus (neonatal)	0	0	-	-	0	0	-
Tetanus (total)	0	0	-	-	1	1	2
Yellow fever	0	0	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	-	-	-	-	21	-	-	-	-
DTP1	-	-	-	-	98	-	-	-	-
DTP3	-	-	95	92	94	-	-	90	-
HepB3	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	90	77	-	-	-	-
MCV	-	-	79	79	81	-	81	90	-
Pol3	-	-	94	94	92	-	-	98	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country

Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage

100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; risk groups		
DTaPHibIPV	2, 4, 6, 15-24 months;		
HepB	12-15 years;		
MMR	12, 15-24 months;		
Td	4-7 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Syrian Arab Republic



Infant (under 12 months) mortality rate ^{2§} 23 Child (under 5 years) mortality rate ^{2§} 27

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	17 381	16 968	16 560	16 157	15 759	12 717	8 959
Births	485	479	473	467	462	463	425
Surviving infants	469	462	456	450	445	452	382
Pop. less than 5 years	2 292	2 262	2 235	2 209	2 186	2 255	1 777
Pop. less than 15 years	6 650	6 630	6 612	6 595	6 578	6 091	4 392
Female 15-49 years	4 541	4 381	4 220	4 058	3 896	2 783	1 888

Number of reported cases

Diphtheria	0	1	0	1	5	80	366
Measles	538	290	146	3	5 400	535	1 478
Pertussis	476	240	124	183	313	39	430
Polio	-	0	0	1	0	13	312
Tetanus (neonatal)	16	18	15	23	32	55	91
Tetanus (total)	20	23	17	25	36	71	244
Yellow fever	-	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	99	99*	99*	99*	99*	99*	92	35
DTP1	-	-		99*	98	98	-	-	-	-
DTP3	-	-	99	99	95	97	97	97	90	13
HepB3	-	-	98	98	89	90	91	91	-	-
Hib3	-	-		99	95	-	-	-	-	-
MCV	-	-	98	98	93	94	97	97	87	13
Pol3	-	-	99	99	95	97	97	97	90	13
TT2plus	1995	- MICS		40	42	20	94	53	63	1
VitA	-	-		98	93	94	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	90	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	birth; 3, 4, 5, 18 months; 6 years;
DT	6 years;	Td	12 years;
DTPHib	3, 4, 5 months;	TT	15-45 years; CBAW
DTwP	18 months;	Vitamina	10 months;
HepB	birth; 3, 10 months;		
Measles	10 months;		
MMR	15 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Tajikistan



Development status	Economy in transition	GNI per capita (US\$)	1 180	GDP per capita (US\$)	1 152
Infant (under 12 months) mortality rate	^{2§}	50	Child (under 5 years) mortality rate	^{2§}	73

Population data in thousands ²							
	2002	2001	2000	1999	1998	1990	1980
Total population	6 195	6 144	6 089	6 028	5 961	0	0
Births	152	156	160	164	168	0	0
Surviving infants	148	152	155	159	163	0	0
Pop. less than 5 years	740	758	775	790	804	0	0
Pop. less than 15 years	2 319	2 363	2 399	2 422	2 435	0	0
Female 15-49 years	1 601	1 560	1 521	1 483	1 447	0	0

Number of reported cases							
Diphtheria	11	3	11	35	166	11	-
Measles	927	38	192	177	3 070	6 897	-
Pertussis	53	24	13	80	66	935	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	-	0	-	-	-
Tetanus (total)	0	0	-	0	-	-	-
Yellow fever	0	0	-	0	-	-	-

	Percentage of target population vaccinated, by antigen									
	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	1999	92 MICS	98	98	97	99	98	98	-	-
DTP1	1999	88 MICS	-	93	98	98	-	-	-	-
DTP3	1999	82 MICS	84	94	97	97	96	94	-	-
HepB3	-	-	35	35	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	79 MICS	84	93	97	98	90	95	92	-
Pol3	1999	84 MICS	85	97	97	97	96	95	86	-
TT2plus	1999	- MICS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	65	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	98
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	2
			From 60 to 69%	
		From 50 to 59%		
		Lesser than 50%		
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:			
Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	2, 3, 4, 16-23 months;		
HepB	birth; 2, 4 months;		
Measles	12 months; 6 years;		
OPV	birth; 2, 3, 4, 12 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Thailand



Infant (under 12 months) mortality rate ^{2§} 20 Child (under 5 years) mortality rate ^{2§} 26

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	62 193	61 555	60 925	60 306	59 695	54 389	46 342
Births	1 088	1 086	1 082	1 077	1 074	1 122	1 284
Surviving infants	1 065	1 059	1 054	1 051	1 051	1 093	1 233
Pop. less than 5 years	5 270	5 254	5 247	5 251	5 266	5 510	6 175
Pop. less than 15 years	15 910	15 955	16 020	16 107	16 214	17 379	18 275
Female 15-49 years	18 161	17 998	17 815	17 611	17 387	14 965	11 503

Number of reported cases

Diphtheria	-	11	15	52	43	58	1 918
Measles	-	7 319	4 074	3 167	13 734	29 244	16 795
Pertussis	-	72	93	43	101	487	4 820
Polio	-	0	20	24	31	4	300
Tetanus (neonatal)	-	11	17	25	20	212	664
Tetanus (total)	-	222	220	234	310	813	1 818
Yellow fever	-	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	99	99	99	99	98	-	99*	68
DTP1	-	-	-	99	99	99	-	-	-	-
DTP3	-	-	96	97	97	97	97	-	85	49
HepB3	-	-	95	-	95	95	95	-	-	-
Hib3	-	-	-	-	-	0	-	-	-	-
MCV	-	-	94	94	94	94	96	-	70	-
Pol3	-	-	97	97	97	97	97	-	89	19
TT2plus	-	-	-	90	90	90	90	-	76	28
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	0	-	-	-	-

Number of districts in the country 926
 Percent reporting completeness, DTP3 coverage

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	2, 4, 6 months; 1.5-2, 4-5 years;
DTPHep	2, 4, 6 months; (only in Chiang Rai Province)	Td	6, 12 years;
DTwP	2, 4, 6 months; 1.5-2, 4-5 years;	TT	pregnant women; first contact; +1, +6 months; CBAW 15-45 years (only in high risk area)
HepB	birth; 2, 6 months;		
Jap.Enc.	1.5-2, 1.5-2, 2.5-3 years;		
Measles	9-12 months;		
MMR	6 years; (school children 1st grade)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - The former Yugoslav Republic of Macedonia



Development status	Economy in transition	GNI per capita (US\$)	1 1820	GDP per capita (US\$)	1 5 086
Infant (under 12 months) mortality rate	^{2§}	16	Child (under 5 years) mortality rate	^{2§}	19

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	2 046	2 035	2 024	2 012	2 000	0	0
Births	29	29	29	29	29	0	0
Surviving infants	29	29	29	29	29	0	0
Pop. less than 5 years	144	143	144	145	147	0	0
Pop. less than 15 years	450	453	457	462	467	0	0
Female 15-49 years	528	527	525	522	517	0	0

Number of reported cases

Diphtheria	0	0	0	0	-	-	-
Measles	19	27	36	53	-	-	-
Pertussis	4	5	21	10	-	-	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	-	-	-
Tetanus (total)	1	0	0	4	-	-	-
Yellow fever	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	91	91	97	97	97	90	-	-
DTP1	-	-		99*	95	98	-	-	-	-
DTP3	-	-	96	96	91	95	95	94	-	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	98	98	92	97	98	96	-	-
Pol3	-	-	97	97	91	96	95	94	-	-
TT2plus	1999	- MICS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	31	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 7, 14 years;	TT	18 years;
DT	7 years;		
DTwP	4, 5, 6, 18 months; 4 years;		
MMR	13 months; 7 years;		
OPV	4, 5.5, 7, 20 months; 7, 14 years;		
Rubella	14 years;		
Td	14 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Timor-Leste



Infant (under 12 months) mortality rate ^{2§} 125 Child (under 5 years) mortality rate ^{2§} 184

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	739	711	702	715	747	740	581
Births	17	17	18	19	20	30	20
Surviving infants	16	16	17	18	19	26	12
Pop. less than 5 years	79	81	85	90	98	133	78
Pop. less than 15 years	290	298	307	318	329	307	231
Female 15-49 years	165	148	141	144	156	180	149

Number of reported cases

Diphtheria	0	-	-	-	-	-	-
Measles	0	-	-	-	-	-	-
Pertussis	0	-	-	-	-	-	-
Polio	0	-	-	-	-	-	-
Tetanus (neonatal)	0	-	-	-	-	-	-
Tetanus (total)	0	-	-	-	-	-	-
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵			
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>					
BCG	-	-	83	83	-	-	-	-
DTP1	-	-		79	-	-	-	-
DTP3	-	-	57	57	-	-	-	-
HepB3	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-
MCV	-	-	47	-	-	-	-	-
Pol3	-	-	56	55	-	-	-	-
TT2plus	-	-		47	-	-	-	-
VitA	-	-		40	-	-	-	-
YFV	-	-		-	-	-	-	-

Number of districts in the country -

Percent reporting completeness, DTP3 coverage 90

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	2, 3, 4 months;		
Measles	9 months;		
OPV	birth; 2, 3, 4 months;		
TT	during pregnancy		
VitaminA	6-59 months;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Togo



Development status	Least developed	GNI per capita (US\$)	1 290	GDP per capita (US\$)	1 442
Infant (under 12 months) mortality rate	^{2§}	82	Child (under 5 years) mortality rate	^{2§}	136

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 801	4 686	4 562	4 425	4 278	3 455	2 519
Births	185	182	179	176	172	148	118
Surviving infants	167	164	161	158	155	133	103
Pop. less than 5 years	800	787	773	755	735	622	473
Pop. less than 15 years	2 107	2 065	2 018	1 964	1 905	1 575	1 152
Female 15-49 years	1 123	1 093	1 062	1 027	991	780	565

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	363	1 833	3 578	2 540	3 771	4 548	33 960
Pertussis	177	628	115	241	491	431	3 901
Polio	0	0	0	1	5	20	178
Tetanus (neonatal)	42	29	33	41	39	42	217
Tetanus (total)	42	-	-	-	-	107	436
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	Year	Result	Estimates	2002						
BCG	2000	84 EPI	84	81	59	83	63	54	99*	-
DTP1	2000	80 EPI	-	75	56	66	-	-	-	-
DTP3	2000	64 EPI	64	59	43	50	48	36	77	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2000	58 EPI	58	48	33	43	47	34	65	-
Pol3	2000	63 EPI	63	58	44	50	48	35	78	-
TT2plus	2000	47 EPI	-	38	40	47	47	32	35	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	35	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	9
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	9
			From 60 to 69%	34
			From 50 to 59%	31
			Lesser than 50%	17
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	Pregant women		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Tonga



Infant (under 12 months) mortality rate ^{2§} 34 Child (under 5 years) mortality rate ^{2§} 43

Population data in thousands ²	2002	2001	2000	1999	1998	1990	1980
Total population	103	102	101	100	100	99	97
Births	2	2	2	2	2	3	3
Surviving infants	3	3	3	3	3	3	3
Pop. less than 5 years	13	13	13	13	14	14	15
Pop. less than 15 years	38	38	38	38	38	39	42
Female 15-49 years	25	24	24	24	24	23	21

Number of reported cases	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	0	0	0	0	0	0
Measles	0	4	0	6	36	65	2 336
Pertussis	2	1	0	0	0	3	2
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	0	0	0	0	1	2
Yellow fever	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002	2002	2001	2000	1999	1998	1990	1980
BCG	-	-	99	99	91	99	100	99*	99	99
DTP1	-	-	-	96	99*	99	-	-	-	-
DTP3	-	-	90	90	94	95	94	97	94	40
HepB3	-	-	96	-	96	97	93	96	94	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	90	91	93	-	97	96	86	-
Pol3	-	-	90	90	95	95	94	97	93	20
TT2plus	-	-	-	93	81	94	95	93	65	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 6 Proportion of districts reporting DTP3 coverage of $\left\{ \begin{array}{l} \text{Greater or equal to 80\%} \\ \text{From 70 to 79\%} \\ \text{From 60 to 69\%} \\ \text{From 50 to 59\%} \\ \text{Lesser than 50\%} \end{array} \right.$

Percent reporting completeness, DTP3 coverage Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:		Vaccine	Schedule
BCG		birth;	
DT		2, 5 years;	
DTwP		6, 12, 18 weeks;	
HepB		birth; 6 weeks; 6 months;	
MR		1 year; 13 months;	
OPV		6, 12, 18 weeks;	
TT		felt quickening; +6 weeks; +6 months; +5 years;	
		CBAW at the Anti-natal-care	

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Trinidad and Tobago



Infant (under 12 months) mortality rate ^{2§} 14 Child (under 5 years) mortality rate ^{2§} 18

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	1 298	1 294	1 289	1 284	1 279	1 215	1 082
Births	17	17	17	17	17	24	32
Surviving infants	17	17	17	17	18	26	31
Pop. less than 5 years	86	86	88	90	93	132	128
Pop. less than 15 years	302	312	323	335	348	407	370
Female 15-49 years	377	373	368	363	357	311	276

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	0	0	511	384
Pertussis	0	0	0	0	1	9	10
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	2	1	3	7	2	10	28
Yellow fever	0	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴		<i>Official country estimates</i> ⁵					
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1999	- MICS	-	-	-	-	-	-	-	-
DTP1	1999	91 MICS	90	91	90	-	-	-	-	-
DTP3	1999	81 MICS	89	89	91	90	90	91	89	26
HepB3	-	-	-	-	-	-	60	-	-	-
Hib3	-	-	55	85	74	-	-	-	-	-
MCV	1999	58 MICS	88	88	91	90	91	90	99	-
Pol3	1999	81 MICS	89	90	91	90	90	91	89	38
TT2plus	1999	- MICS	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	88	91	-	-	-	-	-	-

Number of districts in the country 9
 Percent reporting completeness, DTP3 coverage 9

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage -

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DTwP	3, 4-5, 6, 18 months; 5 years;		
HepB	3, 4-5, 6 months;		
Hib	3, 4-5, 6 months;		
MMR	1, 5 years;		
OPV	3, 4-5, 6, 18 months; 5 years;		
Td	10 years;		
YF	1, 10 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Tunisia



Infant (under 12 months) mortality rate ^{2§} 24 Child (under 5 years) mortality rate ^{2§} 27

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	9 728	9 624	9 519	9 412	9 305	8 207	6 469
Births	165	165	165	166	168	224	228
Surviving infants	161	162	162	164	168	221	211
Pop. less than 5 years	811	821	837	860	889	1 096	1 007
Pop. less than 15 years	2 774	2 829	2 882	2 933	2 980	3 121	2 718
Female 15-49 years	2 730	2 674	2 616	2 555	2 494	1 988	1 498

Number of reported cases

Diphtheria	0	0	0	0	0	0	7
Measles	98	231	47	101	123	547	225
Pertussis	1	0	1	1	2	68	4 106
Polio	0	0	0	0	0	0	15
Tetanus (neonatal)	0	1	2	2	3	9	13
Tetanus (total)	5	7	5	3	3	12	121
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	97 MICS	97	97	97	97	99	91	88	65
DTP1	1999	- MICS		96	96	94	-	-	-	-
DTP3	1999	96 MICS	96	96	98	96	99*	96	91	36
HepB3	1999	88 MICS	94	94	94	88	94	93	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	71 MICS	94	94	92	85	99	94	88	65
Pol3	1999	96 MICS	96	96	98	96	99*	96	91	37
TT2plus	1999	- MICS		-	-	-	-	50	32	2
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country -

Percent reporting completeness, DTP3 coverage 100

Proportion of districts reporting DTP3 coverage of

- Greater or equal to 80%
- From 70 to 79%
- From 60 to 69%
- From 50 to 59%
- Lesser than 50%

Proportion of districts not reporting DTP3 coverage 100

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6 years;	TT	first contact; +1 month; +1, +1, +5, +5 years;
DTwP	3, 4, 5, 18 months;	CBAW	
HepB	3, 4, 9 months;		
Hib	3, 4, 5 months;		
Measles	15 months; 6 years;		
OPV	3, 4, 5, 18 months; 6, 12, 18 years;		
Td	6, 12, 18 years;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Turkey



Development status	Economy in transition	GNI per capita (US\$)	1 3100	GDP per capita (US\$)	1 6 974
Infant (under 12 months) mortality rate	2§	40	Child (under 5 years) mortality rate	2§	51

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	70 318	69 303	68 281	67 254	66 221	57 593	46 132
Births	1 485	1 490	1 494	1 499	1 504	1 607	1 527
Surviving infants	1 430	1 432	1 433	1 436	1 440	1 521	1 352
Pop. less than 5 years	7 105	7 116	7 132	7 152	7 177	7 471	6 922
Pop. less than 15 years	21 556	21 622	21 668	21 689	21 687	21 157	18 719
Female 15-49 years	18 730	18 355	17 975	17 594	17 211	14 063	10 646

Number of reported cases

Diphtheria	2	5	4	4	6	20	86
Measles	7 823	30 509	16 244	16 329	27 120	11 372	8 618
Pertussis	193	182	510	222	429	454	1 520
Polio	0	0	0	0	26	0	182
Tetanus (neonatal)	32	32	26	-	30	67	-
Tetanus (total)	48	56	38	-	60	123	48
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1997	89 DHS	77	77	82	82	-	77	16	74
DTP1	1997	87 DHS		82	95	92	-	-	-	-
DTP3	1997	59 DHS	78	78	88	85	-	-	74	42
HepB3	-	-	72	72	77	71	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1997	79 DHS	82	82	90	86	-	-	67	27
Pol3	1997	64 DHS	78	78	88	85	-	76	74	63
TT2plus	1997	29 DHS		37	38	36	-	-	18	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	81	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	60
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	23
			From 60 to 69%	9
			From 50 to 59%	4
			Lesser than 50%	4
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	2 months; 6 years;		
DTwP	2, 3, 4, 16-24 months;		
HepB	3, 3, 4, 9 months;		
Measles	9 months; 6 years;		
OPV	2, 3, 4 months; 6 years;		
Td	6, 11 year;		
TT	180, 181, 187, 199, 211 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Turkmenistan



Development status	Economy in transition	GNI per capita (US\$)	1 750	GDP per capita (US\$)	1 3 956
Infant (under 12 months) mortality rate	^{2§}	49	Child (under 5 years) mortality rate	^{2§}	69

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	4 794	4 720	4 643	4 564	4 483	0	0
Births	106	105	105	104	104	0	0
Surviving infants	101	100	99	99	102	0	0
Pop. less than 5 years	495	499	508	524	545	0	0
Pop. less than 15 years	1 661	1 677	1 689	1 697	1 700	0	0
Female 15-49 years	1 296	1 260	1 225	1 189	1 153	0	0

Number of reported cases

Diphtheria	1	2	30	49	18	4	-
Measles	11	9	113	452	1 035	2 806	-
Pertussis	49	8	11	7	13	260	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	1	0	0	-	-
Tetanus (total)	1	0	1	0	3	-	-
Yellow fever	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99	99	99	99	98	-	-
DTP1	-	-		99	96	97	-	-	-	-
DTP3	-	-	98	98	95	97	98	99	-	-
HepB3	-	-	96	96	-	-	-	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	88	88	98	97	97	99	-	-
Pol3	-	-	99	99	94	98	98	99	-	-
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	60	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	3-5 days; 6-7, 16-17 years;	OPV	3-5 days; 2, 3, 4, 18 months; + 20 months; 6-7 years; (cancellation OPV vaccination in maternity hospitals (OPVo) and the age of 20 months (OPV4))
DT	6-7 years;	Td	16-17, 26 years;
DTwP	2, 3, 4, 18 months;		
HepB	birth; 2, 4 months;		
Measles	9 months; 6-7 years; (reschedule measles vaccination 9 months-1 year)		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Tuvalu



Development status	Least developed	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 ²

	2002	2001	2000	1999	1998	1990	1980
Total population	10	10	10	10	10	9	7
Births	-	-	-	-	-	-	-
Surviving infants	-	-	-	-	-	-	-
Pop. less than 5 years	-	-	-	-	-	-	-
Pop. less than 15 years	-	-	-	-	-	-	-
Female 15-49 years	-	-	-	-	-	-	-

Number of reported cases

Diphtheria	0	0	-	0	-	-	0
Measles	0	0	-	0	-	-	509
Pertussis	0	0	-	0	-	-	1
Polio	0	0	-	0	-	0	0
Tetanus (neonatal)	0	0	-	0	-	-	-
Tetanus (total)	0	0	-	0	-	-	0
Yellow fever	-	-	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	99	99*	99*	99*	99*	99*	95	99
DTP1	-	-		99*	99*	80	-	-	-	-
DTP3	-	-	98	98	96	75	84	94	90	36
HepB3	-	-	99	99	99	78	93	96	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	99	99	99*	-	94	96	95	-
Pol3	-	-	98	98	96	80	83	94	90	23
TT2plus	-	-		-	52	65	-	71	90	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 6 years;		
DTwP	6, 10, 14 weeks;		
HepB	birth; 6 weeks; 9 months;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +4 weeks; +6 months; +1, +1 year; pregnant women (trauma cases)		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Uganda



Development status	Least developed	GNI per capita (US\$)	1 300	GDP per capita (US\$)	1 208
Infant (under 12 months) mortality rate	^{2§}	87	Child (under 5 years) mortality rate	^{2§}	149

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	25 004	24 225	23 487	22 788	22 125	17 359	12 465
Births	1 277	1 236	1 195	1 153	1 115	875	629
Surviving infants	1 128	1 088	1 048	1 010	976	753	536
Pop. less than 5 years	5 166	4 983	4 810	4 649	4 498	3 450	2 451
Pop. less than 15 years	12 524	12 107	11 710	11 334	10 977	8 376	5 962
Female 15-49 years	5 288	5 131	4 985	4 849	4 722	3 805	2 714

Number of reported cases

Diphtheria	0	-	-	0	0	95	181
Measles	49 871	48 543	42 554	42 737	42 528	2 637	13 415
Pertussis	-	-	-	0	0	913	2 122
Polio	0	0	0	0	46	28	37
Tetanus (neonatal)	611	520	470	209	583	129	-
Tetanus (total)	-	-	710	339	-	288	48
Yellow fever	-	-	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	79 DHS	96	96	81	77	93	76	99*	-
DTP1	1999	77 DHS		91	82	72	-	-	-	-
DTP3	1999	46 DHS	72	72	60	53	61	51	77	-
HepB3	-	-	42	42	-	-	-	-	-	-
Hib3	-	-		42	-	-	-	-	-	-
MCV	1999	57 DHS	77	77	61	56	63	53	74	-
Pol3	1999	54 DHS	73	73	60	53	63	52	77	-
TT2plus	1999	42 DHS		50	45	42	40	38	31	-
VitA	-	-		-	61	56	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	56	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	34
Percent reporting completeness, DTP3 coverage	91		From 70 to 79%	29
			From 60 to 69%	14
			From 50 to 59%	16
			Lesser than 50%	7
		Proportion of districts not reporting DTP3 coverage	-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	VitaminA	6, 12, 18, 24, 30 months; (every 6 months until 5 years)
DTPHibHep	6, 10, 14 weeks; (since Jun. 2002)		
DTwP	6, 10, 14 weeks; (up to end of May 2002)		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first contact; +4 weeks; +6 months; +1, +1 year; CBAW; 15-45 years women		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Ukraine



Development status	Economy in transition	GNI per capita (US\$)	1 700	GDP per capita (US\$)	1	3 816
Infant (under 12 months) mortality rate	^{2§}	14	Child (under 5 years) mortality rate	^{2§}	18	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	48 902	49 290	49 688	50 097	50 510	0	0
Births	412	414	418	423	433	0	0
Surviving infants	409	413	418	427	443	0	0
Pop. less than 5 years	2 058	2 106	2 186	2 299	2 442	0	0
Pop. less than 15 years	8 083	8 467	8 852	9 234	9 610	0	0
Female 15-49 years	12 780	12 808	12 821	12 820	12 807	0	0

Number of reported cases

Diphtheria	285	283	365	375	706	109	-
Measles	7 587	16 970	817	1 389	5 107	6 841	-
Pertussis	411	2 210	2 243	1 179	1 763	4 189	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	-	-	-	-	-
Tetanus (total)	36	34	36	52	41	-	-
Yellow fever	0	0	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴		Official country estimates ⁵					
	Year	Result	Estimates	2002						
BCG	-	-	98	98	98	99	99	97	-	-
DTP1	-	-		97	96	-	-	-	-	-
DTP3	-	-	99	99*	99	99	99	98	-	-
HepB3	-	-	48	49	7	4	-	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	99	99	99	99	99	96	-	-
Pol3	-	-	99	99	99	99	98	98	-	-
TT2plus	-	-		-	-	-	-	87	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	27	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	3 days; 7, 14 years;	Measles	12-15 months; 6 years; (11 years who did not get dose at the age of 6)
DT	6 years; (children with contraindications to DTwP & those who have had pertussis)	MMR	12-15 months; 6 years;
DTwP	3, 4, 5, 18 months;	Mumps	12-15 months; 6, 15 years; (11 years who did not get dose at the age of 6 years, 15 years for boys)
HepB	birth; 3, 5 months; (& adults: health care workers)	OPV	4, 5, 18 months; 3 years; (6th. dose 6 years, 7th. dose 14 years)
IPV	3 months; (also for children with immunodeficiency) [Part of country]		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - United Arab Emirates



Infant (under 12 months) mortality rate ^{2§} 14 Child (under 5 years) mortality rate ^{2§} 16

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	2 937	2 879	2 820	2 761	2 701	2 035	1 015
Births	49	49	49	50	50	52	30
Surviving infants	49	49	49	50	50	52	26
Pop. less than 5 years	247	248	250	251	252	249	135
Pop. less than 15 years	759	760	757	751	742	579	290
Female 15-49 years	579	560	541	524	509	365	156

Number of reported cases

Diphtheria	0	0	0	1	0	0	20
Measles	53	30	69	117	296	1 187	2 796
Pertussis	18	7	37	19	28	96	228
Polio	0	0	0	0	0	0	48
Tetanus (neonatal)	0	0	0	0	0	0	-
Tetanus (total)	4	6	6	3	4	3	14
Yellow fever	0	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>					
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>						
BCG	-	-	98	98	98	98	98	98	-	15
DTP1	-	-		96	96	96	-	-	-	-
DTP3	-	-	94	94	94	94	94	94	-	11
HepB3	-	-	92	92	92	92	92	96	-	-
Hib3	-	-		94	92	92	94	-	-	-
MCV	-	-	94	94	94	94	96	95	-	34
Pol3	-	-	94	94	94	94	94	94	-	11
TT2plus	-	-		-	-	-	-	-	-	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	9	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	OPV	2, 4, 6, 18 months;
DT	6 years;	Rubella	12 years; (girls only) [Part of country]
DTwP	2, 4, 6, 18 months;		
HepB	birth; 1, 9 months;		
Hib	2, 4, 6, 15 months;		
Measles	9 months;		
MMR	15 months; 6 years;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - United Kingdom



Infant (under 12 months) mortality rate ^{2§} 5 Child (under 5 years) mortality rate ^{2§} 7

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	59 068	58 881	58 689	58 494	58 296	56 761	55 530
Births	654	667	680	695	708	770	708
Surviving infants	663	677	691	705	717	764	677
Pop. less than 5 years	3 418	3 483	3 544	3 599	3 646	3 830	3 339
Pop. less than 15 years	11 053	11 141	11 201	11 228	11 226	10 812	11 603
Female 15-49 years	14 199	14 164	14 146	14 149	14 170	14 150	12 915

Number of reported cases

Diphtheria	6	4	2	-	0	2	5
Measles	314	73	104	-	74	28 228	147 962
Pertussis	1 054	1 049	866	-	0	16 605	22 924
Polio	0	-	0	0	0	0	3
Tetanus (neonatal)	0	0	0	-	-	0	0
Tetanus (total)	7	7	2	-	-	18	30
Yellow fever	0	1	0	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>			
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>					
BCG	-	-	-	-	-	-	-	-
DTP1	-	-	-	-	-	-	-	-
DTP3	-	-	91	91	-	92	-	93
HepB3	-	-	-	-	-	-	-	-
Hib3	-	-	-	91	-	92	-	-
MCV	-	-	83	83	-	88	-	91
Pol3	-	-	91	91	-	92	-	93
TT2plus	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-

Number of districts in the country	123	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	96
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	4
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; (at birth to risk groups only, but some areas with high proportions of risk groups offer universally at birth, at 10-14 years through school programme)	Influenza	65 years; (annually to at-risk groups)
DTaP	3-5 years;	MenC_conj	2, 3, 4 months;
DTwPHib	2, 3, 4 months;	MMR	12-15 months; 3-5 years;
HepB	birth; 1, 2, 12 months; (high risk groups only) [Part of country]	OPV	2, 3, 4 months; 3-5, 13-18 years;
		Td	13-18 years;

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - United Republic of Tanzania



Development status	Least developed	GNI per capita (US\$)	1 270	GDP per capita (US\$)	1	523
Infant (under 12 months) mortality rate	^{2§}	100	Child (under 5 years) mortality rate	^{2§}	161	

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	36 276	35 565	34 837	34 094	33 335	26 068	18 838
Births	1 431	1 427	1 423	1 418	1 408	1 186	880
Surviving infants	1 285	1 281	1 276	1 267	1 252	1 044	763
Pop. less than 5 years	6 159	6 120	6 067	5 997	5 912	4 884	3 564
Pop. less than 15 years	16 440	16 216	15 968	15 695	15 399	12 236	8 966
Female 15-49 years	8 480	8 274	8 072	7 878	7 687	5 951	4 200

Number of reported cases

Diphtheria	0	-	-	-	-	0	4
Measles	5 131	11 847	14 649	5 887	10 023	14 920	63 100
Pertussis	1	0	-	-	-	243	2 788
Polio	0	0	0	0	66	3	91
Tetanus (neonatal)	32	41	48	40	34	28	652
Tetanus (total)	-	-	-	-	-	28	-
Yellow fever	0	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1998	93 DHS	88	88	91	86	87	83	85	72
DTP1	1998	92 DHS		96	-	-	-	-	-	-
DTP3	1998	81 DHS	89	89	87	79	76	79	78	59
HepB3	-	-	89	89	-	-	-	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	1998	78 DHS	89	89	86	78	72	72	80	46
Pol3	1998	80 DHS	91	90	65	64	74	79	78	57
TT2plus	1998	61 DHS		86	83	77	77	-	65	41
VitA	-	-		-	79	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	123	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	83
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	13
			From 60 to 69%	3
			From 50 to 59%	1
			Lesser than 50%	-
Proportion of districts not reporting DTP3 coverage			-	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTPHep	4, 8, 12 weeks;		
Measles	9 months;		
OPV	birth; 4, 8, 12 weeks;		
TT	first contact; +4 weeks; +6 months; +1, +1 year; CBAW 15-49 years		
VitaminA	9, 15, 21 month;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - United States of America



Infant (under 12 months) mortality rate ^{2§} 7 Child (under 5 years) mortality rate ^{2§} 8

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	291 038	288 025	285 003	281 975	278 948	255 712	231 428
Births	4 228	4 189	4 145	4 102	4 073	4 104	3 532
Surviving infants	4 161	4 117	4 074	4 045	4 042	4 017	3 420
Pop. less than 5 years	20 612	20 480	20 421	20 450	20 549	19 746	16 777
Pop. less than 15 years	62 852	62 536	62 200	61 849	61 475	55 671	51 904
Female 15-49 years	73 323	72 974	72 602	72 207	71 788	67 514	59 605

Number of reported cases

Diphtheria	1	2	2	1	1	4	3
Measles	37	116	85	100	100	27 786	13 506
Pertussis	8 296	5 396	7 122	7 298	6 279	4 570	1 730
Polio	0	-	0	0	0	0	8
Tetanus (neonatal)	0	0	0	-	-	0	0
Tetanus (total)	27	27	26	32	34	64	95
Yellow fever	1	0	0	-	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>				
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>						
BCG	-	-	-	-	-	-	-	-	-
DTP1	-	-	-	97	-	99*	-	-	-
DTP3	-	-	94	94	94	94	96	96	-
HepB3	-	-	88	88	90	90	88	87	-
Hib3	-	-	-	93	93	93	94	-	-
MCV	-	-	91	91	91	91	92	92	-
Pol3	-	-	90	90	89	90	90	91	-
TT2plus	-	-	-	-	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-

Number of districts in the country	4000	Proportion of districts reporting DTP3 coverage of	<ul style="list-style-type: none"> Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50% 	1
Percent reporting completeness, DTP3 coverage		Proportion of districts not reporting DTP3 coverage		99

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
DT	2, 4, 6, 15-18 months; 4-6 years; (if pertussis vaccine is contraindicated)	Influenza	6 months-49 years; 6 months-8 years; (high risk: >49 years (medical condition: all; 2nd dose: 1st time vaccinees))
DTaP	2, 4, 6, 15-18 months; 4-6 years;	IPV	2, 4, 6-18 months; 4-6 years;
HepA	12-18 years; +6-8months; (also high risk adults)	MMR	12-15 months; 4-6 years;
HepB	birth-2, 1-4, 6 months; (also high risk adults)	Pneumo_conj	2, 4, 6, 12-15 months;
Hib	2, 4, 6-18 months; 4-6 years;	Pneumo_ps	65 years; (also HR medical conditions - all ages)
		Td	11-18 years; (booster every 10 years)

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Uruguay



Infant (under 12 months) mortality rate ^{2§} 13 Child (under 5 years) mortality rate ^{2§} 16

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	3 391	3 366	3 342	3 317	3 292	3 106	2 914
Births	57	57	57	57	57	56	55
Surviving infants	57	57	57	57	57	55	55
Pop. less than 5 years	283	283	283	283	283	271	277
Pop. less than 15 years	834	831	827	823	818	809	785
Female 15-49 years	820	815	809	804	799	743	696

Number of reported cases

Diphtheria	0	0	0	0	0	0	0
Measles	0	0	0	34	6	110	141
Pertussis	5	6	0	3	1	161	192
Polio	0	0	0	0	0	0	0
Tetanus (neonatal)	0	0	0	0	0	0	0
Tetanus (total)	0	1	0	0	2	5	15
Yellow fever	0	0	0	0	0	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey ³</i>		<i>WHO-UNICEF ⁴</i>		<i>Official country estimates ⁵</i>						
	<i>Year</i>	<i>Result</i>	<i>Estimates</i>	<i>2002</i>							
BCG	-	-	99	-	100	99	99	99	99	99	56
DTP1	-	-	-	-	99	92	-	-	-	-	-
DTP3	-	-	93	-	94	92	93	91	97	97	53
HepB3	-	-	93	-	94	92	93	-	-	-	-
Hib3	-	-	-	-	94	92	93	-	-	-	-
MCV	-	-	92	-	94	89	99	96	97	97	50
Pol3	-	-	93	-	94	90	93	91	97	97	59
TT2plus	-	-	-	-	-	-	-	-	-	-	18
VitA	-	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-	-

Number of districts in the country 269

Proportion of districts reporting DTP3 coverage of

Percent reporting completeness, DTP3 coverage

Proportion of districts not reporting DTP3 coverage -

Greater or equal to 80% 100
 From 70 to 79%
 From 60 to 69%
 From 50 to 59%
 Lesser than 50%

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	IPV	2, 4, 6, 12 months; (HIV & immunodeficient)
DT	2, 4, 6, 12 months; (if pertussis vaccine is contraindicated)	Measles	18-40 years; (healthcare staff)
DTPHibHep	2, 4, 6, 12 months;	MMR	1, 5 years;
HepB	12 years;	OPV	2, 4, 6, 12 months;
Hib	2, 4, 6, 12 months; (when pentavalent vac. is contraindicated)	Td	12 years; (& every 10 years)
Influenza	>55 years;	Varicella	1 year;

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Uzbekistan



Development status	Economy in transition	GNI per capita (US\$)	1 360	GDP per capita (US\$)	1 2 441
Infant (under 12 months) mortality rate	^{2§}	37	Child (under 5 years) mortality rate	^{2§}	53

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	25 705	25 313	24 913	24 502	24 084	0	0
Births	559	562	566	571	579	0	0
Surviving infants	541	545	549	556	567	0	0
Pop. less than 5 years	2 713	2 746	2 793	2 853	2 923	0	0
Pop. less than 15 years	8 866	8 972	9 054	9 108	9 136	0	0
Female 15-49 years	6 913	6 715	6 518	6 323	6 131	0	0

Number of reported cases

	2002	2001	2000	1999	1998	1990	1980
Diphtheria	0	0	4	5	4	12	-
Measles	25	22	80	1 193	875	3 943	-
Pertussis	78	57	77	54	32	713	-
Polio	0	0	0	0	0	-	-
Tetanus (neonatal)	0	0	0	0	0	-	-
Tetanus (total)	0	0	0	2	1	-	-
Yellow fever	0	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	99 MICS	98	98	98	-	98	97	94	-
DTP1	1999	98 MICS		94	97	-	-	-	-	-
DTP3	1999	96 MICS	98	98	97	-	99	99	-	-
HepB3	-	-	92	92	8	-	0.5	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	1999	97 MICS	97	97	99	-	96	96	85	-
Pol3	1999	96 MICS	99	99	100	-	99	99	90	-
TT2plus	1999	- MICS		-	-	-	-	-	-	-
VitA	-	-		79	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	226	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80% From 70 to 79% From 60 to 69% From 50 to 59% Lesser than 50%	100
Percent reporting completeness, DTP3 coverage	100			Proportion of districts not reporting DTP3 coverage

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth; 7, 14 years; (changes for 2003-2007 the third BCG vaccination under the new schedule is to be made at the age of 14 years (in the previous schedule this vaccination is made at 15))	Mumps	16 months;
DTwP	2, 3, 4, 16 months;	OPV	birth; 2, 3, 4, 16 months; 7 years;
HepB	birth; 2, 9 months;	Td	7, 16, 26, 46 years;
Measles	9, 15 months;		

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

- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Vanuatu



Development status	Least developed	GNI per capita (US\$)	1 1150	GDP per capita (US\$)	1 2 802
Infant (under 12 months) mortality rate	2§	29	Child (under 5 years) mortality rate	2§	36

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	207	202	197	192	187	149	117
Births	6	6	6	6	6	5	4
Surviving infants	6	6	6	6	6	5	4
Pop. less than 5 years	30	30	30	30	29	25	20
Pop. less than 15 years	85	84	83	81	80	66	53
Female 15-49 years	50	48	47	45	44	35	26

Number of reported cases

Diphtheria	5	-	-	0	-	0	0
Measles	101	7	9	12	-	67	39
Pertussis	6	-	36	6	-	3	231
Polio	0	0	0	0	0	0	2
Tetanus (neonatal)	2	1	0	6	-	0	3
Tetanus (total)	0	0	0	1	-	0	0
Yellow fever	-	0	-	0	0	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	90	41	90	99	99	99	96	-
DTP1	-	-	-	58	-	-	-	-	-	-
DTP3	-	-	54	-	93	90	90	93	76	-
HepB3	-	-	54	-	69	75	75	75	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	-	-	44	44	94	94	94	94	66	-
Pol3	-	-	53	53	87	87	87	87	78	-
TT2plus	-	-	-	89	88	88	88	78	43	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	11	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	18
Percent reporting completeness, DTP3 coverage	43		From 70 to 79%	
			From 60 to 69%	
		From 50 to 59%	36	
		Lesser than 50%	46	
		Proportion of districts not reporting DTP3 coverage		

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DT	primary school entry;		
DTP	6, 10, 14 weeks;		
HepB	birth, 5, 14 weeks;		
Measles	9 months;		
OPV	6, 10, 14 weeks;		
TT	1st contact or early during pregnancy, +4, +6 weeks;		

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

1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Immunization profile - Venezuela



Infant (under 12 months) mortality rate ^{2§} 19 Child (under 5 years) mortality rate ^{2§} 23

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	25 226	24 752	24 277	23 800	23 323	19 502	15 091
Births	580	579	577	576	574	563	498
Surviving infants	568	567	565	563	562	548	474
Pop. less than 5 years	2 826	2 818	2 810	2 802	2 794	2 696	2 295
Pop. less than 15 years	8 330	8 295	8 253	8 202	8 143	7 441	6 140
Female 15-49 years	6 606	6 464	6 322	6 180	6 040	4 891	3 634

Number of reported cases

Diphtheria	0	0	0	0	0	0	31
Measles	2 392	115	22	0	4	9 881	9 750
Pertussis	372	474	555	502	609	1 389	3 247
Polio	0	0	0	0	0	0	11
Tetanus (neonatal)	4	0	2	4	7	28	129
Tetanus (total)	29	38	27	46	46	99	476
Yellow fever	0	0	0	1	15	-	4

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1999	90 MICS	90	-	94	99	97	80	74	72
DTP1	1999	88 MICS	-	-	85	92	-	-	-	-
DTP3	1999	59 MICS	63	-	70	86	77	38	61	56
HepB3	-	-	60	-	54	77	1	46	-	-
Hib3	-	-	-	-	33	-	-	-	-	-
MCV	1999	57 MICS	78	-	49	84	82	94	61	50
Pol3	1999	40 MICS	77	-	88	86	87	64	71	95
TT2plus	-	-	-	-	23	-	-	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	31	-	-	-	-	-

Number of districts in the country	365	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	24
Percent reporting completeness, DTP3 coverage			From 70 to 79%	
			From 60 to 69%	
			From 50 to 59%	
			Lesser than 50%	13
		Proportion of districts not reporting DTP3 coverage		63

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	2, 4, 6, 18 months;		
HepB	birth; 1, 7 months; (risk groups & health care staff)		
Hib	2, 4, 6 months;		
MMR	1 year;		
OPV	2, 4, 6 months;		
YF	1 year; (municip. pop, risk groups, travellers)		

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

- 1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- 2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- 3) Source: UNICEF/WHO survey database
- 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- 5) If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Infant (under 12 months) mortality rate ^{2§} 34 Child (under 5 years) mortality rate ^{2§} 47

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	80 278	79 197	78 137	77 106	76 093	66 074	53 005
Births	1 629	1 613	1 593	1 575	1 578	2 041	1 850
Surviving infants	1 557	1 536	1 517	1 517	1 553	1 942	1 698
Pop. less than 5 years	7 624	7 633	7 743	7 968	8 289	9 481	8 175
Pop. less than 15 years	25 487	25 786	26 070	26 338	26 580	25 690	22 120
Female 15-49 years	22 276	21 755	21 224	20 688	20 148	16 012	11 860

Number of reported cases

Diphtheria	105	133	113	81	130	509	1 730
Measles	6 755	12 058	16 512	14 134	11 690	8 175	86 901
Pertussis	662	1 242	1 426	903	1 182	4 095	96 577
Polio	0	0	0	0	0	723	1 741
Tetanus (neonatal)	95	104	142	219	266	313	-
Tetanus (total)	151	177	267	685	401	628	1 948
Yellow fever	-	0	-	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	-	-	97	97	99*	94	95	94	87	-
DTP1	-	-		85	99*	97	-	-	-	-
DTP3	-	-	75	85	98	96	93	94	85	-
HepB3	-	-	65	65	97	94	82	69	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	-	-	96	96	97	97	93	96	85	-
Pol3	-	-	92	92	97	96	93	94	85	-
TT2plus	1999	67 MICS		89	89	90	85	83	22	-
VitA	-	-		77	77	77	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	636	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	51
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	19
			From 60 to 69%	14
			From 50 to 59%	6
			Lesser than 50%	8
Proportion of districts not reporting DTP3 coverage			2	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Typhoid	3-10 years; (selected HRD) [Part of country]
DTwP	2, 3, 4 months;	VitaminA	6-11, 12-17, 18-24, 25-30, 31-36 months;
HepB	birth; 2, 4 months; [Part of country]		
Jap.Enc.	12, 13, 25 months; (selected HRD) [Part of country]		
Measles	9 months;		
OPV	2, 3, 4 months;		
TT	15-35 years; pregnant women (2 doses)		

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- Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Yemen



Development status	Least developed	GNI per capita (US\$)	1 -	GDP per capita (US\$)	1 -	-
Infant (under 12 months) mortality rate	2§	72	Child (under 5 years) mortality rate	2§	99	-

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	19 315	18 651	18 017	17 418	16 849	11 944	8 140
Births	873	845	819	794	771	624	455
Surviving infants	785	759	734	711	689	547	376
Pop. less than 5 years	3 683	3 565	3 456	3 355	3 262	2 554	1 695
Pop. less than 15 years	9 410	9 123	8 846	8 578	8 318	6 163	4 058
Female 15-49 years	4 143	3 984	3 832	3 689	3 553	2 477	1 745

Number of reported cases

Diphtheria	-	-	-	3	24	-	555
Measles	890	485	-	26 126	8 785	-	18 020
Pertussis	-	-	-	-	-	-	15 332
Polio	0	0	0	25	16	-	722
Tetanus (neonatal)	122	121	174	131	-	-	7
Tetanus (total)	-	-	-	-	-	-	405
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey ³		WHO-UNICEF ⁴	Official country estimates ⁵						
	Year	Result	Estimates 2002							
BCG	1996	54 DHS	74	74	73	82	77	66	99*	9
DTP1	1996	54 DHS		64	-	-	-	-	-	-
DTP3	1996	40 DHS	69	69	76	76	72	68	89	1
HepB3	-	-	34	34	21	15	9	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	1996	43 DHS	65	65	79	71	74	66	74	2
Pol3	1996	46 DHS	69	69	76	76	72	68	89	1
TT2plus	1996	9 DHS		39	32	31	26	26	15	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	324	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	24
Percent reporting completeness, DTP3 coverage	80		From 70 to 79%	12
			From 60 to 69%	13
			From 50 to 59%	14
			Lesser than 50%	25
Proportion of districts not reporting DTP3 coverage			12	

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks;		
HepB	6, 10 weeks; 9 months;		
Measles	9 months;		
OPV	birth; 6, 10, 14 weeks;		
TT	first 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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. ** indicates coverage over 99.5%.



Immunization profile - Zambia



Development status Least developed	GNI per capita (US\$) 1	300	GDP per capita (US\$) 1	780
Infant (under 12 months) mortality rate 2§	106	Child (under 5 years) mortality rate 2§	185	

Population data in thousands 2

	2002	2001	2000	1999	1998	1990	1980
Total population	10 698	10 570	10 419	10 243	10 044	8 200	5 977
Births	452	451	450	448	445	371	275
Surviving infants	403	402	400	397	392	322	243
Pop. less than 5 years	1 910	1 898	1 880	1 856	1 827	1 487	1 146
Pop. less than 15 years	4 978	4 904	4 821	4 728	4 627	3 760	2 867
Female 15-49 years	2 377	2 361	2 339	2 309	2 272	1 863	1 293

Number of reported cases

Diphtheria	25	50	0	68	-	4	12
Measles	25 036	16 997	30 930	23 518	-	6 748	98 659
Pertussis	595	953	0	1 051	-	200	21 232
Polio	2	3	0	29	-	79	276
Tetanus (neonatal)	102	39	130	161	-	57	-
Tetanus (total)	157	62	193	261	-	57	409
Yellow fever	-	0	0	0	-	-	-

Percentage of target population vaccinated, by antigen

	Last cov. survey 3		WHO-UNICEF 4	Official country estimates 5						
	Year	Result	Estimates 2002							
BCG	2001	94 DHS	92	85	-	99*	87	-	97	-
DTP1	2001	94 DHS	-	-	-	93	-	-	-	-
DTP3	2001	80 DHS	78	88	-	76	92	-	71	-
HepB3	-	-	-	-	-	-	-	-	-	-
Hib3	-	-	-	-	-	-	-	-	-	-
MCV	2001	84 DHS	85	83	-	85	72	-	68	-
Pol3	2001	80 DHS	79	85	-	79	92	-	70	-
TT2plus	-	-	-	87	-	61	55	-	-	-
VitA	-	-	-	-	-	-	-	-	-	-
YFV	-	-	-	-	-	-	-	-	-	-

Number of districts in the country	72	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	74
Percent reporting completeness, DTP3 coverage	100		From 70 to 79%	13
			From 60 to 69%	8
			From 50 to 59%	1
			Lesser than 50%	4
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;		
DTwP	6, 10, 14 weeks; 18 months;		
Measles	9 months;		
OPV	birth-13 days; 6, 10, 14 weeks; 9 months;		
TT	first contact; +1, +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 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.
- Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births
- Source: UNICEF/WHO survey database
- Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)
- If no official estimate is available, the administrative coverage is reported. * indicates coverage over 99.5%.



Immunization profile - Zimbabwe



Infant (under 12 months) mortality rate ^{2§} 59 Child (under 5 years) mortality rate ^{2§} 112

Population data in thousands ²

	2002	2001	2000	1999	1998	1990	1980
Total population	12 835	12 756	12 650	12 512	12 346	10 467	7 226
Births	412	415	418	421	424	417	334
Surviving infants	391	394	396	398	399	389	302
Pop. less than 5 years	1 902	1 912	1 921	1 927	1 931	1 868	1 412
Pop. less than 15 years	5 535	5 548	5 547	5 532	5 502	4 843	3 544
Female 15-49 years	3 068	3 043	3 008	2 962	2 906	2 372	1 512

Number of reported cases

Diphtheria	0	0	0	3	0	0	8
Measles	304	529	1 483	772	2 049	13 728	23 650
Pertussis	0	0	8	30	0	491	6 290
Polio	0	0	0	2	17	0	32
Tetanus (neonatal)	9	13	16	12	7	16	134
Tetanus (total)	59	21	28	43	25	-	139
Yellow fever	-	-	-	-	-	-	-

Percentage of target population vaccinated, by antigen

	<i>Last cov. survey</i> ³		<i>WHO-UNICEF</i> ⁴	<i>Official country estimates</i> ⁵						
	<i>Year</i>	<i>Result</i>	<i>Estimates 2002</i>							
BCG	1998	88 DHS	80	80	80	82	88	73	74	-
DTP1	1998	88 DHS		62	20	90	-	-	-	-
DTP3	1998	81 DHS	58	75	75	77	81	70	78	-
HepB3	-	-	58	75	36	77	31	-	-	-
Hib3	-	-		-	-	-	-	-	-	-
MCV	1998	79 DHS	58	60	68	70	79	65	76	-
Pol3	1998	81 DHS	74	75	75	70	81	70	78	-
TT2plus	1996	77 MCH/		60	60	60	58	58	43	-
VitA	-	-		-	-	-	-	-	-	-
YFV	-	-		-	-	-	-	-	-	-

Number of districts in the country	62	Proportion of districts reporting DTP3 coverage of	Greater or equal to 80%	13
Percent reporting completeness, DTP3 coverage	98		From 70 to 79%	29
			From 60 to 69%	34
			From 50 to 59%	24
		Proportion of districts not reporting DTP3 coverage		-

Immunization schedule:

Vaccine	Schedule	Vaccine	Schedule
BCG	birth;	Rubella	12 years; [Part of country]
DT	5 years;	TT	first contact; +1, +6 months; +1, +1 year; CBAW 15-49 years
DTPHep	3, 4, 5 months;		
DTwP	3, 4, 5, 18 months;		
Measles	9 months;		
MMR	15 months; [Part of country]		
OPV	3, 4, 5, 18 months; 5 years;		

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1) Source: "The 2002 World Bank Development Indicators CD-ROM", GDP per capita is PPP adjusted.

2) Source: "World Population Prospects: The 2002 Revision", New York, United Nations, 2002. § deaths per 1000 live births

3) Source: UNICEF/WHO survey database 4) Source: WHO-UNICEF estimates: (The column under TT2plus actually refers to PAB, protection at birth)

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



Status of national immunization systems:

Summary of indicator data

Indicators of immunization systems performances

The following table describes 61 indicators of immunization systems. Data for these indicators are provided by Member States to WHO and UNICEF annually through a joint reporting process, except for some indicators on polio eradication (53-55), on Vitamin A (56–58) and on measles mortality reduction (59) which are collected through separate reporting processes. For the purpose of readability, this book presents a number of them only, 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 Regions. A regional and global summary of the indicators is also provided page R-240, showing the evolution from 2001 to 2002. In the data table, the indicator has been abbreviated. The indicator numbers in the table below correspond to the indicator numbers in the data table. The full set of indicators is available per country on the Global Summary CD (html and Excel format) and on the WHO website (<http://www.who.int/vaccines-surveillance/StatsAndGraphs.htm>) where it can also be downloaded as an excel workbook.

NR: not applicable; ND: no data

Indicator	Indicator description	Answer type
Planning and management		
1	Was there a strategic plan for the national immunization system that covers three to five years?	Yes / No
2	Was there an annual activity work plan for immunization services?	Yes / No
3	Was there a detailed updated plan for MNT (i.e. using district-level data to identify high risk areas)	Yes / No / NR
4	Was there a detailed updated plan for measles control	Yes / No / NR
5	Was there a detailed plan for Vit A supplementation	Yes / No / NR
6	Was there a safe injections component of the national work plan detailed to the district level (including waste management)?	Yes / No
7	How many Inter-Agency Coordinating Committee (ICC) meetings were held that covered routine immunization services?	Number
8 (CI)	<i>Was there an advocacy and communications strategic plan (annual)</i>	Yes / No
9 (CI)	<i>Was there an annual budget for advocacy and communication</i>	Yes / No
10 (CI)	<i>Was there a communication & advocacy designated focal point</i>	Yes / No
11	Was there any negative publicity concerning vaccines or immunization during 2002	Yes / No
12 (CI)	<i>Percentage of districts with microplans that include activities to raise immunization coverage</i>	
13	Was there an updated (2002) inventory (models, location, age and working status) of all refrigeration equipment in the country?	Yes / No
System performance		
14	What % of districts had <50% DTP3 coverage	From 0 to 100%



Indicator	Indicator description	Answer type
15	What % of districts had 50-59% DTP3 coverage	From 0 to 100%
16	What % of districts had 60-69% DTP3 coverage	From 0 to 100%
17	What % of districts had 70-79% DTP3 coverage	From 0 to 100%
18 (CI)	What % of districts achieved \geq 80% DTP3 coverage?	<i>From 0 to 100%</i>
19 (CI)	What % of districts had \geq 90% MCV1 coverage	<i>From 0 to 100%</i>
20 (CI)	What % of districts had < 10% drop-out rates drop-out rate = $\frac{(DTP1-DTP3)}{DTP1} \times 100$	<i>From 0 to 100%</i>
21 (CI)	What % of districts had no stock out (=interruption) in vaccine supply during the year (stock-out is defined as no remaining doses of any vaccine at district store, for any period of time)?	<i>From 0 to 100%</i>
22 (CI)	What % of districts have had at least one supervisory visit of all health facilities in last calendar year	<i>From 0 to 100%</i>
23 (CI)	What is your % wastage for DTP vaccine Hepatitis B vaccine Hib vaccine <i>Comment:</i> <i>% wastage = 100-(100/wastage factor);</i> <i>wastage factor = [(number of vials opened for use + number of closed vials discarded due to cold chain failure or VVM indication) \times number of doses per vial] / number of doses administered</i>	<i>From 0 to 100%</i> <i>From 0 to 100%</i> <i>From 0 to 100%</i>
24	Drop-out rate between DTP1 and DTP3 coverage <i>comment:</i> <i>Drop out rate = [(DTP1-DTP3) / DTP1] \times 100</i> Calculated from official country figures	Rate, from 0 to 100%
25	What is the percentage point difference between HepB3 and DTP3 coverage Calculated from official country figures	Difference, from 0 to 100%
26 (CI)	% surveillance reports received at national level from districts compared to number of reports expected	<i>From 0 to 100%</i>
27 (CI)	% coverage reports received at national level from districts compared to number of reports expected	<i>From 0 to 100%</i>
Surveillance		
28	Was written feedback on the immunization system & surveillance performance distributed to peripheral levels on a quarterly basis or more?	Yes / No
29	If yes how many times per year	Number
30	The feedback included the following information: Coverage by district (at least DTP3) disease cases (at least measles, NT and AFP)	Yes / No Yes / No
31	In 2002, were annual retrospective hospital record reviews done for NT Measles Polio / AFP	Yes / No Yes / No Yes / No
32	In 2002, was zero reporting surveillance implemented for NT Measles Polio	Yes / No Yes / No Yes / No
33	In 2002, was active surveillance implemented for NT Measles	Yes / No



Indicators of immunization system performances



Indicator	Indicator description	Answer type
	Measles Polio	Yes / No Yes / No
Policy		
34	Was the 2000 multi-dose vial policy (formerly known as "open vial policy") adopted?	Yes / No
35	If Yes, was it implemented in all districts for DTP OPV TT	Yes / No Yes / No Yes / No
Safety		
36	Type(s) of injection equipment used for routine immunization (multiple answers are possible)	Sterilizable (S), AD syringes (A), non-AD disposable (D)
37	Were safety boxes distributed with all vaccine deliveries	Yes / No
38	Was there a national system for monitoring of adverse events following immunization? <i>Comment: Must include the following 4 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>	Yes / No
39	If yes to previous question, how many serious adverse events were reported in 2002?	Number
40 (CI)	What % of districts have been supplied with adequate (equal or more) number of AD syringes for all routine immunizations during the year	From 0 to 100%
41	Policy(ies) regarding methods of 'sharps' disposal in 2002 (multiple answers are possible)	Incineration (I), Open burning (B), Burial (P), Other (O), No policy (N)
Financing		
42	Was there a line item in the national/subnational budget for purchase of vaccines used in routine immunizations?	Yes / No
43	Was there a line item in the national budget for purchase of injection supplies (syringes, needles, sharp boxes) for routine immunizations?	Yes / No
44	What percentage of total routine immunization spending was financed using Government funds? (including loans and excluding external public financing) E= country estimation	From 0 to 100%
45	What percentage of total routine vaccine spending was financed using Government funds?(including loans and excluding external public financing) E= country estimation	From 0 to 100%
New vaccines introduction		
46	Is Hepatitis B vaccine integrated into the routine immunization schedule? Yes[A] – adolescent programme only	Yes / Yes[A] / No
47	Is Hib vaccine integrated into the routine immunization schedule?	Yes / No
48	Is Mumps vaccine integrated into the routine immunization schedule? <i>Comment: may be given with MMR</i>	Yes / No



Reference section



Indicator	Indicator description	Answer type
49	Is Rubella vaccine integrated into the routine immunization schedule? <i>Comment: may be given with MMR</i>	Yes / No
Maternal and neonatal tetanus (NT) elimination		
50	Priority country for neonatal tetanus (NT) elimination (based on available information at WHO/UNICEF that NT is a significant public health problem)? <i>Comment: [Yes] - potentially eliminated</i>	Yes / [Yes] / No
51	% of districts considered in 2001 as being of low risk for MNT as being of high risk for MNT as being of unknown risk for MNT	From 0 to 100 From 0 to 100 From 0 to 100
52	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 number of children having received DTP1.</i>	From 0 to 100
Polio eradication		
53	How many confirmed polio cases were reported?	Number
54	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 1 case of AFP for every 100 000 children under 15 -- even in the absence of polio</i>	From 0 to 100,000
55	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 1 specimen is collected (target = 80%)</i>	From 0 to 100%
Vitamin A		
56	What is the vitamin A deficiency (VAD) status of this country (based on existing data at WHO)?	Subclinical deficiency (Subclinical) Clinical deficiency (Clinical) Insufficient data but possibility of VAD (NDP) Insufficient data but VAD unlikely (NDU)
57	Were vitamin A supplements distributed during routine immunization services?	Yes / No
58	Were vitamin A supplements distributed during supplemental immunization activities?	Yes / No
Measles mortality reduction		
59	Was a 2 nd opportunity measles immunization implemented <i>Comment: 2nd Opportunity = country has implemented a two dose routine measles schedule and/or within the last 4 years has conducted a national immunization campaign achieving > 90% coverage of children < 5 yrs</i>	Yes / No
Yellow Fever		
60	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>	Yes / No
61	Yellow fever in routine immunization schedule	Yes High risk



Indicators of immunization system performances



Global and regional summary for selected immunization system indicators, 2001 and 2002

REGION	GLOBAL		AFR		AMR		EMR		EUR		SEAR		WPR		VF eligible countries	
	2001	2002	2001		2002		2001		2002		2001		2002		2001	
	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)	N° (%)
Number of member states	191	192	46	35	35	22	22	51	51	10	10	11	27	27	74	75
# of member states reported in 2001 / 2002	180 (94)	182 (95)	46 (100)	35 (100)	33 (94)	20 (91)	20 (91)	43 (84)	47 (92)	10 (100)	10 (100)	11 (100)	26 (96)	26 (96)	74 (100)	74 (99)
# of member states with strategic plan for the national immunization system	133 (70)	135 (70)	35 (76)	24 (69)	17 (49)	18 (82)	20 (91)	28 (55)	28 (55)	9 (90)	9 (91)	10 (91)	19 (70)	21 (78)	67 (91)	72 (96)
# of member states with a national work plan for immunization services?	147 (77)	158 (82)	40 (87)	25 (71)	24 (69)	18 (82)	20 (91)	30 (59)	35 (69)	10 (100)	11 (100)	24 (89)	25 (93)	25 (93)	70 (95)	72 (96)
# of countries with a detailed updated plan for MINT	55 (29)	66 (34)	14 (30)	14 (40)	13 (37)	10 (45)	9 (41)	1 (2)	6 (12)	7 (70)	5 (45)	9 (33)	9 (33)	9 (33)	31 (42)	35 (47)
# of member states with a safe injections component of the national work plan	110 (58)	127 (66)	28 (61)	20 (57)	22 (63)	14 (64)	15 (68)	22 (43)	24 (47)	6 (60)	9 (82)	20 (74)	21 (78)	21 (78)	53 (72)	59 (79)
# of member states with 2 ICC meetings or more	96 (50)	89 (46)	30 (65)	15 (43)	14 (40)	6 (27)	8 (36)	23 (45)	18 (35)	9 (90)	6 (55)	13 (48)	11 (41)	11 (41)	57 (77)	54 (72)
# of countries with all districts achieving > 80% DTP3 coverage	49 (26)	48 (25)	3 (7)	8 (23)	7 (20)	9 (41)	8 (36)	21 (41)	22 (43)	1 (10)	2 (18)	7 (26)	7 (26)	7 (26)	8 (11)	9 (12)
# of member states with the multi-vial (also known as the "open-vial") policy adopted	106 (55)	110 (57)	34 (74)	21 (60)	20 (57)	12 (55)	9 (41)	18 (35)	23 (45)	5 (50)	4 (36)	16 (59)	18 (67)	18 (67)	51 (69)	52 (69)
# of member states distributing sharp boxes with all vaccine delivery	100 (52)	107 (56)	31 (67)	17 (49)	19 (54)	13 (59)	12 (55)	17 (33)	20 (39)	3 (30)	5 (45)	19 (70)	19 (70)	19 (70)	45 (61)	53 (71)
# of member states monitoring adverse events following immunization	102 (53)	108 (56)	19 (41)	17 (49)	15 (43)	13 (59)	11 (50)	32 (63)	42 (82)	6 (60)	9 (82)	15 (56)	14 (52)	14 (52)	34 (46)	33 (44)
# of member states with a line item in the national budget for purchase of vaccine	132 (69)	131 (68)	37 (80)	22 (63)	19 (54)	17 (77)	15 (68)	26 (51)	34 (67)	8 (80)	8 (73)	22 (81)	22 (81)	22 (81)	52 (70)	46 (61)
# of member states with a line item in the national budget for purchase of injection supply	115 (60)	100 (52)	31 (67)	19 (54)	17 (49)	15 (68)	15 (68)	19 (37)	18 (35)	8 (80)	6 (55)	23 (85)	20 (74)	20 (74)	45 (61)	37 (49)
# of member states with Hepatitis B vaccine integrated into the routine immunization	125 (65)	141 (73)	13 (28)	28 (80)	29 (83)	17 (77)	18 (82)	36 (71)	36 (71)	5 (50)	10 (91)	26 (96)	26 (96)	26 (96)	34 (46)	48 (64)
# of member states with Hib vaccine integrated into the routine immunization	77 (40)	84 (44)	5 (11)	29 (83)	30 (86)	8 (36)	10 (45)	28 (55)	29 (57)	0 (0)	0 (0)	7 (26)	8 (30)	8 (30)	9 (12)	11 (15)
# of member states with Mumps vaccine integrated into the routine immunization	96 (50)	102 (53)	2 (4)	30 (86)	31 (89)	11 (50)	12 (55)	42 (82)	45 (88)	1 (10)	1 (9)	10 (37)	11 (41)	11 (41)	12 (16)	13 (17)
# of member states with Rubella vaccine integrated into the routine immunization	99 (52)	105 (55)	2 (4)	31 (89)	32 (91)	11 (50)	12 (55)	40 (78)	43 (84)	2 (20)	2 (18)	13 (48)	14 (52)	14 (52)	11 (15)	12 (16)
# of member states targeted for NT elimination	57 (30)	57 (30)	37 (80)	1 (3)	1 (3)	7 (32)	7 (32)	1 (2)	1 (2)	5 (50)	5 (45)	6 (22)	6 (22)	6 (22)	49 (66)	49 (65)
# of member states where Vitamin A supplements distributed during routine immunization services	54 (28)	65 (34)	22 (48)	10 (29)	10 (29)	9 (41)	9 (41)	0 (0)	0 (0)	7 (70)	9 (82)	6 (22)	9 (33)	9 (33)	36 (49)	46 (61)
# of member states where Vitamin A supplements distributed during supplemental immunization activities	51 (27)	56 (29)	36 (78)	0 (0)	5 (14)	6 (27)	6 (27)	0 (0)	1 (2)	5 (50)	4 (36)	4 (15)	5 (19)	5 (19)	45 (61)	49 (65)
# of member states where measles 2nd opportunity immunization was implemented	155 (81)	163 (85)	25 (54)	35 (100)	35 (100)	18 (82)	18 (82)	47 (92)	50 (98)	6 (60)	7 (64)	24 (89)	25 (93)	25 (93)	45 (61)	52 (69)
# of member states at risk for yellow fever	43 (23)	43 (22)	31 (67)	10 (29)	10 (29)	2 (9)	2 (9)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	32 (43)	32 (43)
# of member states at risk for yellow fever where yellow fever is in the routine immunization schedule	21 (49)	28 (65)	11 (35)	18 (58)	10 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	12 (38)	19 (59)

Reference: Core indicators of immunization system performances

AFR	% of districts >=80% DTP3 coverage	% of districts >=90% MCV1 coverage	% of districts <=10% DTP3-DTP1 drop-out rates	% of districts supplied with adequate number of AD syringes	national % wastage for DTP	national % wastage for HepB	national % wastage for Hib	% of districts with no vaccine supply during the year	% of district surveillance reports received over expected	advocacy and community communications strategic plan (annual)	annual budget for advocacy and community communication	community & advocacy designated focal point	% of immunization spending financed using Government funds	% of districts with at least one supervisory visit of all health facilities	% of districts with microplans
Algeria	21	4	19					0	ND	yes	yes	yes	100	100	6
Angola	9	27	1		30				84	yes	yes	yes			0
Benin	86	49	21	0	22	48		100	100	no	yes	yes	68	100	8
Botswana	88	29							95	yes	yes	yes	100		
Burkina Faso	23	2	9	100				100	100	yes	yes	yes	100	100	100
Burundi	94	0	24	100	25			100	ND	yes	no	yes			100
Cameroon	18	2	49	100	27			0	98	yes	yes	yes	100	100	100
Cape Verde	82	65	100					100	83	no	no	yes	80	82	
Central African Republic	0	0	17						ND	yes	yes	no			
Chad	7	13	0					0	96	no	no	yes	100		76
Comoros	29	0		100					100	yes	no	no	0	100	41
Congo	0	0	11					47	ND	no	no	yes		57	12
Côte d'Ivoire	3	2	3	100				0	87	yes	yes	yes	58		100
Dem. Rep. of the Congo	15	5	17	44	57				41	yes	yes	yes		75	100
Equatorial Guinea	0	0	100					0	72	no	no	yes			11
Eritrea	0	0	50	100	10.4			0	100	no	no	no		100	100
Ethiopia	12	1	21	100					70	no	yes	no			100
Gabon	0	2	6	10	25			0	38	yes	yes	yes	100	50	50
Gambia	83	83	50	100	1	1.02	1.12	0	96	no	yes	yes	100	100	0
Ghana	98	89	43	100				69	100	yes	yes	yes	28	100	100
Guinea	11	0	45	100				100	91	yes	no	yes		100	100
Guinea-Bissau	36	9	18		15			64	91	no	no	yes			9
Kenya	23	12	23					90	92	yes	yes	yes	5		
Lesotho	21	16	58		10			0	0	yes	yes	yes			53



Reference: Core indicators of immunization system performances



	% of districts >=80% DTP3 coverage	% of districts >=90% MCV1 coverage	% of districts <=10% DTP3-DTP1 drop-out rates	% of districts supplied with adequate number of AD syringes	national % wastage for DTP	national % wastage for HepB	national % wastage for Hib	% of districts with no interruption in vaccine supply during the year	% of district surveillance reports received over expected	advocacy and communications strategic plan (annual)	annual budget for advocacy and communication	community & advocacy designated focal point	% of immunization spending financed using Government funds	% of districts with at least one supervisory visit of all health facilities	% of districts with microplans
Liberia	13	20	7	93				93	70	yes	yes	yes		53	73
Madagascar	23	6	12	88	14	14		ND	91	yes	yes	yes	1.2		100
Malawi	27	12	0	100	16			100	100	yes	yes	yes		100	100
Mali	36	19	16	100				100	100	yes	no	no	100	100	40
Mauritania	51	32	38	100	25			100	90	yes	yes	yes	100		
Mauritius								ND	ND						
Mozambique				100					99	no	no	yes		50	100
Namibia	44	12	26		25			91	ND	yes	no	no	100		100
Niger	0	0	0	100	12			0	100	yes	yes	yes	100		100
Nigeria									ND				100		
Rwanda	82	0	59	100	6			100	100	no	no	yes	20	100	100
Sao Tome and Principe	100	71	100		1.4			0	100	yes	yes	yes		100	100
Senegal	16	0	56		9			98	100	no	no	yes		100	
Seychelles	100	100	88	0	10	1		100	100	no	no	no	100	100	0
Sierra Leone	8	8	0	100	25			100	ND	yes	no	yes	10	100	100
South Africa	42	13	70	0					67	yes	yes	yes	100		
Swaziland	75	0	25	0				100	100	no	no	yes	100	100	100
Togo	9	3	20		20				100	yes	yes	yes		100	66
Uganda	34	20	20	100	16				91	yes	yes	yes	100	100	
United Republic of Tanzania	83	50	77	100	20			51	100	yes	no	yes		98	92
Zambia	74	53		0	30			56	97	yes	yes	yes		100	100
Zimbabwe	0	0	15	0	54			0	100	yes	yes	yes	100		100
AMR															
Antigua and Barbuda		89	0		75	0	5	0	ND	yes	no	no	100	100	
Argentina	0	0	0												

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Reference: Core indicators of immunization system performances

	% of districts >=80% DTP3 coverage	% of districts >=90% MCV1 coverage	% of districts <=10% DTP3-DTP1 drop-out rates	% of districts supplied with adequate number of AD syringes	national % wastage for DTP	national % wastage for HepB	national % wastage for Hib	% of districts with no interruption in vaccine supply during the year	% of district disease surveillance reports received over expected	advocacy and community strategic plan (annual)	annual budget for advocacy and community	community & advocacy designated focal point	% of immunization spending financed using Government funds	% of districts with at least one supervisory visit of all health facilities	% of districts with microplans
Bahamas	0	0	0	0	20	20	30	100	100	no	no	no	100	50	
Barbados	0	0	0	0	5			0	ND	yes	yes	yes	40	75	
Belize	83	50	50	0	20	20	30	100	100	no	no	no	100	50	
Bolivia	83	58	76	31	5			0	ND	yes	yes	yes	40	75	
Brazil	80	55	67	100	20	20	20	100	100	no	no	no	100	100	100
Canada									100	ND					
Chile	0	0	0						ND	yes	yes	yes	100		3
Colombia	0	0	0						36						
Costa Rica	100	100	100	0	11	7	8	100	100	yes	yes	yes	99	100	100
Cuba	100	100	0	100	15	0	0	29	ND	no	no	yes	70	100	
Dominica	7	22			35	30	20	100	100				65		
Dominican Republic					1.2	1.3		100	0	yes	no	no	100	40	
Ecuador	0	0	0												
El Salvador	100	100	100	100	0	0	0	100	100	no	no	no	100	100	
Grenada	0	0	0												
Guatemala	0	0	0		30			0	ND				100		
Guyana	0	0	0												
Haiti	90	82	70	100	5	5	5	0	ND	no	no	yes	100	96	
Honduras	77	38		0	10			100	100	yes	yes	yes	98	100	100
Jamaica	100	96	99	100					ND	yes	yes	yes	100		
Mexico	56	51	73	0	16				ND	no	no	no	54	100	100
Nicaragua	0	0	0												
Panama	29	41			20			0	0	no	no	no	100		
Paraguay	64	55		100	20	20	0	0	ND	no	no	no	100	2	
Peru															

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Saint Kitts and Nevis	100	100	100	100	0	ND	ND	0	ND	yes	yes	yes	94	100	100
Saint Lucia	25	25	0	100	2	100	ND	0	100	no	no	no	100	100	100
St. Vincent & the Grenadines	100	0	40	20	0	100	100	0	100	yes	yes	yes	100	100	20
Suriname	100	11	1	5	5	100	100	1	ND	yes	yes	no	100	100	100
Trinidad and Tobago	1	1	1	5	5	1	100	0	ND	yes	yes	yes	56	0	2
United States of America	100	100	100	0	30	15	0	0	ND	no	no	no	100	100	100
Uruguay	24	33	27	0	30	15	0	100	100	yes	yes	no	100	100	100
Venezuela	15	100	0	0	0.35	0.2	0.3	100	100	no	no	yes	0	100	100
EMR	100	0	0	0	0	0	0	0	ND	ND	ND	ND	0	100	100
Afghanistan	100	98	100	100	25	10	ND	0	ND	yes	yes	yes	100	100	100
Cyprus	100	100	100	0	20	20	100	0	100	yes	yes	yes	100	62	0
Djibouti	95	90	100	0	6	0	0	0	100	yes	yes	yes	100	100	22
Egypt	22	22	0	73	46	25	ND	0	ND	no	no	yes	100	100	100
Iran (Islamic Republic of)	100	92	99	0	15	8	100	100	100	yes	yes	yes	50	30	100
Iraq	100	100	100	0	17.35	0	24.64	100	100	yes	yes	yes	100	100	0
Jordan	21	5	24	25	12	20	78	100	100	yes	yes	yes	100	100	100
Kingdom of Bahrain	100	95	95	100	30	5	30	0	100	no	no	yes	100	100	100
Kuwait	100	95	95	100	30	5	30	0	100	no	no	yes	100	100	100
Lebanon	100	95	95	100	30	5	30	0	100	no	no	yes	100	100	100
Libyan Arab Jamahiriya	100	95	95	100	30	5	30	0	100	no	no	yes	100	100	100
Morocco	94	59	99	0	15	8	100	0	100	yes	yes	yes	100	0	0
Oman	100	100	100	0	17.35	0	24.64	100	100	yes	yes	yes	100	100	100
Pakistan	21	5	24	25	12	20	78	100	100	yes	yes	yes	100	100	100
Qatar	100	95	95	100	30	5	30	0	100	no	no	yes	100	100	100
Saudi Arabia	100	95	95	100	30	5	30	0	100	no	no	yes	100	100	100

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Reference: Core indicators of immunization system performances

	% of districts >=80% DTP3 coverage	% of districts >=90% MCV1 coverage	% of districts <=10% DTP3-DTP1 drop-out rates	% of districts supplied with adequate number of AD syringes	national % wastage for DTP	national % wastage for HepB	national % wastage for Hib	% of districts with no interruption in vaccine supply during the year	% of district disease surveillance reports received over expected	advocacy and communications strategic plan (annual)	annual budget for advocacy and communication	community & advocacy designated focal point	% of immunization spending financed using Government funds	% of districts with at least one supervisory visit of all health facilities	% of districts with microplans
Somalia				100	30		0	ND	75	no	no	no	5	99	100
Sudan	12	14	25	100	16		0	96	96	yes	no	yes	5	99	100
Syrian Arab Republic	100	100	100	0	20	19	20	100	100	yes	yes	yes		100	
Tunisia				50	0			87	100	yes	yes	yes	100		
United Arab Emirates	100	100	100	10	5	5	100	100	100	yes	no	no	100	100	0
Yemen	24	11	6	100	ND	ND	NA	0	80	yes	yes	yes	100	100	8
EUR															
Albania	100	94	100	100	20	20	100	100	100	no	yes	no	20	42	
Andorra								ND	ND						
Armenia	98	54		100	30	5	100	100	100	no	yes	yes	0.9	27	100
Austria				100	0	0	0	ND	ND	no	no	no	100		
Azerbaijan	89	89		25	25	25	89	89	89	yes	yes	yes	10	29	89
Belarus	100	100		37.5	9.1			100	100	yes	yes	yes	100		100
Belgium								50	ND						
Bosnia and Herzegovina	69	75	63	38	30	30	38	100	100	yes	yes	yes	70	38	88
Bulgaria	32	32	32	0	1.3	0.2	0	100	100	no	no	no	100		
Croatia				0	5	5	100	100	100	yes	no	no	100		
Czech Republic	100	100		5	5	5	100	ND	ND	yes	yes	yes	100	100	
Denmark	100	100	100					100	100	no	no	no	100	0	
Estonia	100	100		33.4			0	ND	100	no	no	no	100	27	7
Finland								ND	ND						
France	83	7						ND	ND	yes	yes	yes			
Georgia	46	54	45	87	44.5	52.4	87	100	97.5	yes	yes	no	10		
Germany								ND	89.5	yes	yes	yes	10		
Greece								ND	ND						





Reference: Core indicators of immunization system performances



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Hungary	100	100	100	0	0	0	100	100	100	yes	yes	yes	100		
Iceland							ND	ND	ND						
Ireland							100	100	100						
Israel	88	82		88	0.1	0.05	0.1	100	100	yes	yes	yes	100	100	
Italy	100	1	0		0		0	80	20	no	no	no	100		
Kazakhstan	100	98		0	30	10	0	100	100	yes	no	yes	100	100	100
Kyrgyzstan	100	100	100	100	20	15	8	100	100	no	no	no	10.6	23	100
Latvia	100	100	3	0	0	0	0	ND	100	no	no	no	100		
Lithuania	100	100	94	0	25	0	100	100	100	no	no	no	100	100	100
Luxembourg								ND	ND						
Malta					0	0	0	ND	ND	yes	yes	yes	70		
Monaco								ND	ND						
Netherlands	100	100		0			100	100	98	no	no	no	90	100	0
Norway	100	11	100		10		100	100	ND	no	no	no	100		
Poland				0	0	0	0	100	100	yes	yes	yes	100		0
Portugal	90	65	100	100			0	ND	100	no	no	no	100		
Republic of Moldova	100	89	89	100	10	7	100	100	100	yes	yes	yes	37		100
Romania	100	98		100	2.2	1.5	0	100	ND	yes	yes	no	100	100	100
Russian Federation					30	0	0	100	100	yes	yes	yes		0	100
San Marino								ND	ND						
Serbia and Montenegro	38	65	35		26		93	100	100	yes	yes	yes		93	13
Slovakia	100	100		0			0	100	100	yes	yes	yes	100	100	0
Slovenia				0	0	0	1	ND	ND	no	no	no	100		
Spain	100	100						ND	ND				100		
Sweden	100	62	0					100	ND						

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Switzerland																
Tajikistan	98	83	98	100	17.4	16		100	ND	ND	yes	yes	yes	0	100	58
TFYR of Macedonia	100	100	100		20		0	100	100	100	no	no	no	80	100	6
Turkey	60	21	80	0	25	20	0	100	100	100	no	no	no	100	42	15
Turkmenistan	100	58		100	23.7	14.7	100	100	100	100	yes	yes	yes	100	100	100
Ukraine	100	100		0	10	30		100	100	100	no	yes	yes	100	100	100
United Kingdom	96	11							100	100	yes	yes	yes	100		
Uzbekistan	100	99		100	22	17	0	1	100	100	yes	yes	yes	25	23	100
SEAR																
Bangladesh	11	0	6	0					75	100	yes	yes	no	100		33
Bhutan	85	45	90	100	41	49	0		60	ND	no	no	yes	0	5	100
Dem. People's Rep. of Korea					34	0.85			100	100				80		
India				1	25	20			85		yes	yes	yes	99.8		
Indonesia	78	51	68	100	33	40			30	5.5	no	no	no	90	27	0
Maldives	100			100	30	30	0	100	ND	100	yes	yes	yes	98		
Myanmar	42	19	77		33.1				ND	ND	no	no	no			17
Nepal	37	12	64	3	26		0		100	ND	yes	yes	yes	60		100
Sri Lanka	100	100			27				87	ND	yes	no	yes	100	100	
Thailand									ND	ND	yes	yes	yes	100		
Timor-Leste					30				ND	90						
WPR																
Australia	100	100	100				13	ND	100	100	no	yes	yes	100		100
Brunei Darussalam								ND	ND							
Cambodia	14	0	74	100	34		100	100	100	100	no	no	no	6	100	100
China	97	94	1	0	50	3	5	ND	96.57	96.57	yes	yes	yes	100	100	0

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



Reference: Core indicators of immunization system performances



	% of districts >=80% DTP3 coverage	% of districts >=90% MCV1 coverage	% of districts <=10% DTP3-DTP1 drop-out rates	% of districts supplied with adequate number of AD syringes	national % wastage for DTP	national % wastage for HepB	national % wastage for Hib	% of districts with no interruption in vaccine supply during the year	% of district surveillance reports received over expected	advocacy and communications strategic plan (annual)	annual budget for advocacy and communication	community & advocacy designated focal point	% of immunization spending financed using Government funds	% of districts with at least one supervisory visit of all health facilities	% of districts with microplans
Cook Islands	100	100		100	60	0		100	ND	ND	yes	yes	90	73	100
Fiji	100			100	5	5	8		43	ND	yes	yes	90	100	100
Japan									ND	100	yes	no			
Kiribati	83	33		100					ND	ND	yes	yes			
Lao People's Dem. Rep.	3	1	5	18	36			100	ND	ND	no	yes			0
Malaysia									ND	100	yes	yes	100		
Marshall Islands	0	0	100	100	10	10	10	100	100	70	yes	yes		100	100
Micronesia (Fed. States)	50			100					100	ND	yes	yes	5	100	100
Mongolia				0	44.4	52.3		100	95.4	100	yes	yes		11	
Nauru	0	0	100	100	1.25	1.25		100	100	100	no	yes	100	100	100
New Zealand									ND	ND	no	yes	100		
Niue	100	100	0	100	0	0	0	0	100	ND	yes	yes	100		100
Palau	100		0	0	0	0	0	100	0	ND	yes	yes		100	100
Papua New Guinea	0	0	2	22				0	82	82	no	no	100	22	
Philippines	29	20		14					ND	98	yes	yes	100		
Republic of Korea	100								ND	100	yes	yes	40		100
Samoa	0	0	0	100	1.2	1.2		0	ND	17	no	yes	100	100	100
Singapore									ND	ND	yes	yes			
Solomon Islands	50		50		0	0	0		89	89					
Tonga		0			10	10		0	ND	ND	yes	yes			
Tuvalu	100	0	0	100	22	33		0	100	100	yes	yes		100	100
Vanuatu	18	36	0	100	10	10		0	43	43			100	100	
Viet Nam	51	88	44	0	25	5		2	100	100	yes	yes	50		

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Incidence index

Diphtheria:	R-250
Measles:	R-256
Neonatal tetanus:	R-262
Pertussis:	R-268
Polio:	R-274
Total tetanus:	R-280
Yellow fever:	R-286



Reference Diphtheria incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	854		84	297	84							21	368	286	661	1 272	1 053	3 179	555	1 940	1 563
Albania	0	0	4	2	0	0	4	4	14	18	48	23	17	5	3	4	4	3	3	1	2
Algeria	0	3		17	57	30	107		951	264	16	9	30	4	5	35	30	66	108	132	71
Andorra		0				0															
Angola	0	0	0	0	0	0				23		40	64	105	38	30	3	9	4	11	32
Antigua and Barbuda	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	2	0	0	3	3	3	4	2	31	20	8	10	14	10	13	22	36
Armenia	1	6	0	3	5	12	11	29	36	1	0	0	7								
Australia	0	1	0	0	0	0	0	0		39	14	8	7	1	61	32	44	17	0	1	2
Austria	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
Azerbaijan	0	0	7	19	20	38	146	883	841	170	72	66	4								
Bahamas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bangladesh	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
Barbados		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Belarus	7	25	52	38	36	96	179	322	230	120	66	26	22								
Belgium	1	0			0	0	0	3	0	0	0	0	0	0	0	5	0	0	0	3	0
Belize	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	4
Benin	0						0					30		59	14	47	6	16	2	2	3
Bhutan		1	1	142	0	0	0	0	0	0	4	1	1	40	1	3	7	4	19	4	0
Bolivia	5	3	1	2	8	3	1	5	5	4	20	2	4	11	9	16	15	31	25	49	24
Bosnia and Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0	0								
Botswana	0	0	2	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	1	15
Brazil	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
Brunei Darussalam		0	0	0	0	0					0		0	0	0	0	0	0	0	0	0
Bulgaria	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0
Burkina Faso	0		0	0			0	0	0	0	0	0	0	13	15	28	42	51	383	737	751
Burundi			0	0				0			30	1	0	2	3	2	3	14	4	19	8
Cambodia	0	0	0	0	0	0	0	5	22	13	11	179	70	13	88	292	367	410	460	1 503	
Cameroon						0	0	0	0	0	0	0	0	0	0	4	8	41	412	0	0
Canada	2	1	0	1	0	1	0	2	1	2	2	3	5	3	4	4	5	9	8	11	12
Cape Verde	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		1	0	2	3
Central African Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	6	4	0	1	21	23

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Reference Diphtheria incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad						0											4	10	4	1	0
Chile		0	0	0	0	0	1	2	4	8	12	25	36	47	132	183	290	223	154	76	122
China	11	12	19	16	40	35		85	119	124	146	231	421	343	267	427	787	1 423	3 418	7 227	6 502
Colombia	3	0	11	0	2	3	7	12	14	45	76	10	16	42	23	45	23	252	54	127	117
Comoros	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
Cook Islands	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
Côte d'Ivoire	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
Cuba	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
Czech Republic	0	0	0	0	0	0	0	1	0	1	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
Democratic Republic of the Congo			0																	54	26
Denmark	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Djibouti		0	0	2	2		0	0	0	0	0	0	0	0	4	0	0	1	3	0	0
Dominica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Dominican Republic	35	47	52	44	25	25	6	13	4	6	31	11	27	29	105	77	52	100	142	124	120
Ecuador	4	1	1	5	21	21	22	154	565	13	10	5	3	4	8	18	11	44	77	24	38
Egypt	0	0	0	2	3	1	6	10	18	29	44	55	59	110	184	368	630	663	727	994	804
El Salvador	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	4	15	18	22
Equatorial Guinea	0	0				0	0													3	
Eritrea							0	0													
Estonia	0	2	2	0	0	3	14	19	7	11	3	7	0								
Ethiopia				125	19			45					61	10	60	271	121	99	524	354	697
Fiji	0	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finland	0	2				0	3	3	1	4	0	0	0	0	0	0	0	0	0	0	0
France	1		0				0	0	0	1	0	0	0	1	0	2	4	4	2	4	3
Gabon	0						0			18	463			16	3	20	4	7	11	4	1
Gambia	0	0	0	0		0															
Georgia	28	22	28	60	114	286	348	429	312	28	3	7									

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Reference Diphtheria incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Germany	1	0	0	1	1	3	3	4	8	9	1	2	6	5	4	8	7	4	8	17	30
Ghana	0	0	0	0			3	0	0	5	4	0	66	38	43	37	4	1	37	17	65
Greece	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Grenada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Guatemala	0	0	0	0	0	1	0	0	0	0	3	1	2	10	0	0	0	17	3	13	14
Guinea	114	0	0	0	0	0	0						37	25	5	5	0	0	60	86	4
Guinea-Bissau						2	0					12	0	0	1	0	40	0		0	0
Guyana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haiti	6	5	0	8	0	0		0					0	2	29	7	4	55	25	21	26
Honduras	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	1	0	0	0	2	1	0	0	0
Iceland		0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
India	5 472	5 101	3 094	1 786	1 378	1 326	2 504	2 123	3 040	7 131	8 115	12 550	8 425	11 152	16 472	12 952	9 426	15 685	17 055	13 776	17 191
Indonesia	51	34	23	114	14	4 355	562	597	64	82	129	1 342	2 200	1 603	2 079	268	928	1 161	1 792	1 389	3 285
Iran (Islamic Republic of)	10	15	18	13	13	30	13	9	14	32	90	335	373	263	288	480	162	143	128	157	295
Iraq		33	34	142	181	290	460	133	132	239	369	261	10	238	415	314	350	1 348	1 378	1 169	1 260
Ireland	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	1	0	0	3	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Italy	0	0	0	0	0	0	1	1	1	0	0	1	2	5	0	1	3	5	7	10	19
Jamaica	0	0	0	0	0	0	0	0	2	0	0	0	3	1	6	2	8	7	8	12	17
Japan	0	1	1	1	1	1	1			5		2	5	4	9	7	9	9	15	20	30
Jordan	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	2	0	0	13	20
Kazakhstan	14	14	13	17	75	162	455	1 105	489	82	45	30	28								
Kenya		6	15	13	3	0		0					1	0	0	0	0	0	0	2	2
Kingdom of Bahrain	0	0	0	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	2
Kuwait				0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	15
Kyrgyzstan	3	13	15	66	138	292	412	704	304	6	4	10	6								
Lao People's Democratic Republic	40	2	3	6	8	10	319	0	193	4	5	2	9	14	23	189	37	23	30	64	813
Latvia	45	91	264	81	67	42	112	369	250	12	8	5	3								
Lebanon	1	0	0	0	0	1	0	1	0	0	0					0	0	0	0	1	
Lesotho	0	0		0								1	37	80	72	4	14	26	16	23	135

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Reference Diphtheria incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia							0														
Libyan Arab Jamahiriya	2	0			0	0			0	0	0	0	0	0	0	0	0	0	0	0	2
Lithuania	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
Madagascar		12	12		112	51	154	179					252	246	544	174	288	1 963	1 799	1 988	1 333
Malawi	0	0			0	0	0	0	0	0	0	30							33	31	69
Malaysia	2	4	1	6	5	1	0	1	0	4	4	12	9	35	20	26	28	39	17	24	10
Maldives		0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mali				0			0	1				6	5	13	1	50	15	259	29	58	2
Malta	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	1	0	0	0	0	0
Mauritania						0							18	137	113	51	80	129	80	26	2
Mauritius		0	0	0			0							0	0	0	0	1	0	0	0
Mexico	0	0	0	0	0	0	0	0	0	0	0	1	0	6	2	31	28	4	0	0	0
Micronesia (Federated States of)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Monaco	0							0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mongolia	5	6	4	11	50	69	48	128	14	6	0	1	1	7	24	0	0	0	0	0	0
Morocco	0	0	0	0	0	0	0	0	0	0	0	1	0	14	1	7	7	11	20	33	48
Mozambique	0	0				0	1		0	0	2	2	0	1	3	1	1	1	3	4	18
Myanmar	50		17	18	22	5	15	28	46	92	54	114	181	199	231	313	159	268	353	595	782
Namibia	0	0	0	0	3	0	0														
Nauru	0	0	0	0		0		0					0	0	0	0	0	0	0	0	0
Nepal	108	390	268		511	726	1 372	2 038	16	4	16	15	7	3	13	15	11	1 156	1 293	115	111
Netherlands	0		0	1	0	1	0	1	0	0	0	1	0	0	0	0	1	0	1	2	0
New Zealand	1	0	0	0	1	0		0	0	0	0	0	0	0	0	2	1	0	2	4	1
Nicaragua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	2
Niger	11	48	12	0	25	31		4					102	75	19	22	35	269			16
Nigeria	790	2 468	3 995		708		2 016		469	2 042	2 351	2 849	1 768	5 039	1 930	715	1 871	1 996	733	275	1 170
Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norway	0	0	0			0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	6	9	13	19
Pakistan	22	19	13	12	20	26	13	9	28	34	72	26	1 371	167	2 011	2 720	3 179	1 450	670	1 402	6 520

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Reference Diphtheria incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Papua New Guinea	26	311	15	0	645		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paraguay	50	1	0	0	0	0	0	1	1	6	6	4	10	8	12	19	19	27	10	3	14
Peru	0	0	0	8	2	2	4	4	31	10	6	35	44	68	36	54	117	140	127	121	189
Philippines	62	73	88	64	83	138		173	316	323	759	1 004	921	940	1 202	1 443	1 630	1 669	1 968	1 812	2 140
Poland	0	0	1	0	0	0	9	2	2	10	1	0	0	0	1	1	0	0	0	1	0
Portugal	0		0	0	0	0	0	0	0	0	3	0	0	1	1	6	3	51	10	36	16
Qatar	0	0	0		0	0	0	0	0	0	0	0	0	0	0	7	6	0	0	0	2
Republic of Korea		0			0	0	0				1		0	0	0	1	2	2	16	19	17
Republic of Moldova	1	5	10	11	11	49	94	418	376	35	22	14	6								
Romania	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	2	1	1	19	14	1
Russian Federation	778	909	771	838	1 409	4 037	13 687	35 631	39 703	15 229	3 897	1 869	1 211								
Rwanda	0	0	0	0			0					1	14	3	0	1	2	15	1	0	5
Saint Kitts and Nevis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Vincent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Samoa					0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
San Marino			0	0		0	0	0		0	0	0	0	0	0	0	0	0	0	0	0
Sao Tome and Principe	0	0	0			0	0					0				0	0	0	0	0	0
Saudi Arabia	9	0	0	0	0	1	0	1	1	8	2	2	1	8	14	21	33	65	128	210	188
Senegal					0	0														162	100
Serbia and Montenegro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Seychelles	0	0		0	0	0	0	0					0	0	0	0	0	0	0	0	0
Sierra Leone			0			0										10	0	0	804		
Singapore	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	4	6
Slovakia	0	0	0	0	0	0	0	0	0	0	0	0	0								
Slovenia	0	0		0	0	0	0	0	0	0	0	0									
Solomon Islands	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Somalia					0										24	3	7	6	19	58	206
South Africa	1	0	2	0	4	3	0			5	3	12	34	12	19	28	19	46	44	29	27
Spain	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0

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

Reference Diphtheria incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	0	15	0	0	0	3	1	0	0	1	0	1	0	0	0	0	3	10	20	26	22
Sudan	26	28	26	21	67	15	17	17	79	42	121	432	1 342	382	845	310	892	342	166	156	1 008
Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
Swaziland	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	1	0	0	0	0	0	0	0	0	0	3	10	10	14	0	0
Switzerland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Syrian Arab Republic	0	1	0	1	5	59	13	61	31	16	91	70	80	173	203	303	332	400	448	353	498
Tajikistan	11	3	11	35	166	723	1 496	4 455	1 912	678	14	5	11								
Thailand		11	15	52	43	38	53	19	40	28	40	53	58	87	216	536	632	762	1 021	1 038	1 125
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
Timor-Leste	0																				
Togo	0	0	0	0	0	0	1	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
Trinidad and Tobago	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
Tunisia	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	3	2	4	2	2
Turkey	2	5	4	4	6	2	22	4	49	49	8	16	20	17	11	26	36	145	155	361	131
Turkmenistan	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	61	0	0	0	0	0	0	0	0	0
Uganda	0			0	0	0							95	78	4						3
Ukraine	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	1	0	0	0	0	2	3	7	9	0	4	15	12	26	12	12	2	1
United Kingdom	6	4	2		0		4	1	4	5	3	1	2	2	2	2	4	4	4	4	4
United Republic of Tanzania	0													0	0	0	0	0	0	5	5
United States of America	1	2	2	1	1	5		0	2	0	4	5	4	3	2	3	0	3	1	5	2
Uruguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uzbekistan	0	0	4	5	4	28	163	638	232	137	29	16	12								
Vanuatu	5			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	1	0	0	22	30	22	12	31	24	21	23
Viet Nam	105	133	113	81	130	152	143	167	166	167	497	511	509	639	983	1 827	1 974	2 361	2 389	3 487	2 921
Yemen				3	24			54	6		269	1		4 615	310	376	244	981	997	981	555
Zambia	25	50	0	68		0						4	4	52	22	14	19	35	16	27	19
Zimbabwe	0	0	0	3	0	0	0	0	19	0	0	1	0	0	0	0	12	4	27	25	13

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Reference Measles incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	2 486	8 762	6 532	3 609	2 205							792	1 609	1 170	4 561	10 357	8 107	14 457	16 199	18 808	20 320
Albania	12	18	662	797	1 901	2 386	1 204	15	29	7	0	0	0	136 034	0	0	0	0	0	17	3
Algeria	5 862	2 686		2 503	3 301	19 573	21 003	8 204	5 913	3 141	8 823	5 969	1 796	4 169	2 634	2 500	3 975	20 114	22 563	22 126	29 584
Andorra		0				5															
Angola	11 945	9 046	2 219	350	2 576	8 183	251	635	5 480	9 273	16 772	18 382	29 069	19 820	21 009	13 368	15 580	22 822	22 685	22 589	30 067
Antigua and Barbuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	10	0
Argentina		0	6	313	10 229	125	59	655	134	5 087	20 551	42 093	1 967	4 009	4 751	8 024	6 448	9 240	31 751	7 106	4 432
Armenia	40	69	15	41	52	802	2 027	187	149	338	46	192	879								
Australia	32	141	108	235	327	853	498	1 198	4 895	4 536	1 425	1 380	880	169	248						
Austria		0		1	0	0				60											
Azerbaijan	4 353	574	210	1 081	2 891	678	151	474	6 478	1 321	535	6 122	2 026								
Bahamas	0	0	0	0	0	1	0	0	0	0	0	0	72	59	22	42	85	26	36	2 868	50
Bangladesh	3 484	4 414	5 098	5 666	6 522	10 329	4 929	4 995	9 571	5 443	5 768	9 292	1 705	27 327	11 471	13 631	14 352	11 699	11 851	9 569	18 116
Barbados	0	0	0	0	0	0	0	0	0	0	0	2	51	2	1	2	2	7	5	6	6
Belarus	14	45	21	153	517	135	395	1 516	820	3 874	2 324	1 351	224								
Belgium		83			0	3 869	7 221	10 650	11 346	7 373	9 565	7 216		81 044	47 616						
Belize	0	0	0	0	0	0	0	4	0	0	11	7	25	2	74	224	124	7	4	11	6
Benin	1 588	5 859	4 244	2 573	648	9 521	1 365	10 469	7 557	4 102	3 049	5 396		3 281	5 275	13 180	7 374	13 210	13 437	11 774	11 850
Bhutan	27	756	418	9 920	66	169	9	148	683	505	103	441	173	554	382	673	948	819	1 321	1 356	1 868
Bolivia	0	0	122	1 441	1 004	7	7	76	1 441	3 391	4 937	2 108	820	669	1 793	987	346	217	1 270	2 034	720
Bosnia and Herzegovina	28		43	133	2 811	3 937		125	875	249	144	179	512								
Botswana	7	1	2 672	439	700	5 032	1 030	478	2 447	5 327	566	565	1 218	3 771	711	126	1 018	1 684	9 249	6 542	1 512
Brazil	1	1	36	908	2 781	52 284	580	793	35	6 037	7 934	42 537	61 435	22 853	26 179	66 059	129 126	75 993	80 875	58 259	39 370
Brunei Darussalam		11	42	23	12	13				50	51		12	39	28	63	440	617	541	558	243
Bulgaria	0	8	46	24	80	23	695	172	121	354	20 258	2 028	147	111	404	1 560	1 370	972	292	326	281
Burkina Faso	1 744	4 174	6 074	5 516		1 438	18 534	5 669	2 925	14 445	21 751	6 590	9 804	7 474	7 782	28 282	11 722	17 461	30 094	21 395	20 940
Burundi	1 016		18 363	2 928	1 449	1 273	16 099	14 782	7 192	23 869	22 344	10 397	13 282	28 014	33 261	23 297	39 631	36 740	28 587	49 302	42 051
Cambodia	1 361	3 761	12 237	13 827	1 993	3 826	2 814	2 038	946	1 262	2 759	2 186	2 473	9 256	4 934	9 281	17 219	44 557	38 329	10 368	57 605
Cameroon	1 448	23 934	14 629	10 894	10 731	7 504	11 770	2 463	1 548	10 892	27 442	14 622	21 150	24 314	23 207	16 654	31 936	47 178	38 580	58 904	33 876
Canada	7	34	206	29	12	581	322	2 361	523	203	2 742	6 178	1 033	11 145	609	2 385	14 941	2 816	4 078	934	1 064
Cape Verde	0	0	2	1	289	8 584	0	10	30	0	1	7	0	1	7	450		3 048	49	1 385	1 282
Central African Republic	938	2 837	3 207	600	146	194	248	902		1 694	3 022	3 644	1 275	331	1 898	2 148	1 785	2 446	6 395	1 564	2 563

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Reference Measles incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad	7 277	24 908	3 546	6 868	12 371	10 446	24 162	21 952	9 696	20 894	19 035	21 182	7 226	7 449	3 645	3 623	3 500	6 430	6 921	5 160	1 223
Chile	0	0	0	31	6	58	0	0	0	1	1	2 098	1 958	13 008	45 079	2 623	12 563	17 101	4 785	6 752	9 438
China	58 341	88 962	71 093	61 840	53 030	79 621	68 404	53 232	76 204	117 851	140 048	123 428	85 705	85 049	96 994	104 925	198 738	418 159	619 709	781 475	892 870
Colombia	139	3	1	44	61	67	160	410	525	9 105	7 976	10 391	12 520	12 598	14 801	20 620	5 180	5 572	11 849	13 099	9 273
Comoros	0	0	0	0	0	0	0	0	2	0	0	0	2 328	170	0	0	0	0	0	0	0
Congo	2 788	2 152	1 678	313	174	1 267	3 897	2 381	226	693	4 302	4 042	3 608	498	454	1 420	6 424	7 600	18 615	16 642	12 931
Cook Islands	0	0	2	0	9	194	0	7	0	3	9	61	36	691	15	16	5	50	1	4	14
Costa Rica	0	0	0	23	27	26	24	35	0	273	2 361	6 296	76	33	358	4 004	4 534	1	11	39	167
Côte d'Ivoire	7 633	5 790	5 729	4 824	12 289	9 665	20 858	30 039	7 465	14 765	9 902	17 799	17 799	18 660	16 864	34 170	23 839	8 892	5 946	7 139	15 605
Croatia	6	8	9	31	648	240	119	697	138	87	160	117	119								
Cuba	0	0	0	0	0	0	0	1	0	0	12	17	12	12	121	858	3 312	2 874	3 315	3 287	23 408
Cyprus	0	0	0	0	1	1	55	0	0	0	20	1	4	0	0	0	1	1	3	183	27
Czech Republic	4	6	9	2	19	14	10	5	9	14	416	839	2 420								
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
Democratic Republic of the Congo	30 466	8 072	8 282	12 135	15 271	5 766	9 546	5 443	12 573	2 749	63		4 564	11 178	13 214	14 866	19 430	19 508	11 385	21 057	30 775
Denmark	32	11	14			61	119	20	36	115	129	162	180	405	618	6 268	23 490	13 187	21 188	33 242	15 656
Djibouti	50	79	183	341	198		410	8		37	129	13	104	490	473	52		108	1 295		31
Dominica	0	0	0	0	0	0	0	0	0	0	0	6	13	9	10	82	45	64	188	1	2
Dominican Republic	0	113	254	274	14	1	0	0	3	4 637	7 650	7 512	3 477	1 505	692	499	501	4 417	4 429	2 960	3 671
Ecuador	0	2	0	0	0	0	42	919	3 668	3 627	4 356	1 585	1 646	3 649	8 004	1 537	839	1 183	6 979	2 556	1 647
Egypt	653	2 150	2 633	1 547	4 868	4 606	4 403	1 833	1 444	2 874	4 403	1 231	887	4 057	3 672	1 805	1 176	5 554	4 898	813	7 365
El Salvador	0	2	0	0	0	0	1	0	0	38	509	0	0	0	787	405	278	1 413	4 775	2 407	3 664
Equatorial Guinea	24	1 339				0	1	44	270	157	297	32	32	582	14 875	11 865	788	464	198		
Eritrea	460	204	789	320	316	777	1 783	185	541	267											
Estonia	0	0	9	12	17	18	19	17	230	312	71	129	33								
Ethiopia	3 332	2 366	1 660	5 329	1 603	1 113	1 586	562	1 133	1 152	4 815	497	1 836	4 169	7 575	4 832	3 760	66 544	9 843	5 866	10 527
Fiji	304	17				828	39	414	39	425	969		32	53	610	1 075	385	152	827	313	902
Finland	0	1			1	0	0	6	1	0	5	8	3	1 032	129	635	741	614	729	4 751	5 402
France	5 185		10 000			80 000	66 000	54 239	44 005	77 232	109 548	156 849						931	978	870	812
Gabon	110	5 129	15				70			958	1 245		738	1 780	655	2 074	6 826	5 222	7 234	4 324	1 747
Gambia	25	226	336	856		1 500	15	130	280	912	364	164					3 997				1 566
Georgia	199	35	50	144	218	342	304	181	723	409	115	352									

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Reference Measles incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Germany	4 657	6 024												45	17	189	199	568	11 759	9 798	2 029
Ghana	12 289	13 476	23 068	15 987	23 335	37 261	34 273	40 276	34 821	34 641	39 933	17 135	32 246	19 997	40 456	24 781	11 099	64 517	40 179	36 561	79 636
Greece	5	12	56	69	66	136	6 082	112	163	503	3 448	1 371	245	534	5 100	1 891	1 050	1 484	1 200	23 723	3 417
Grenada	0	0	0	0	0	0	0	3	0	0	0	2	6	2	4	6	20	7	11	268	1 713
Guatemala	0	0	0	0	1	8	1	23	204	17	97	209	8 802	2 413	182	400	1 650	2 272	3 072	2 762	3 992
Guinea	2 151	7 408	11 294	18 004	9 170	10 170	10 292	1 085	2 372	5 228	1 617	6 708	12 756	4 152	3 353	7 357	2 592	2 969	4 396	8 856	15 038
Guinea-Bissau	298	126		472		498	73	528	378	1 707	842	2 396	259	106	1 103	174	2 241	1 328	355	3 218	1 613
Guyana	0	0	0	0	0	0	0	0	0	0	0	12	1	11	917	22	15	87	294	20	41
Haiti	53	159	992	0	3	0	1						1 414	580	235	3 130	269	2 111	1 681	869	1 064
Honduras	0	0	0	0	0	5	4	0	3	13	58	95	8 360	6 353	1 155	1 437	603	6 476	5 028	1 168	2 446
Hungary	0	20	1	1	23	24	12	4	11	33	14	16	29		1 103	30	17	20	98	124	2 521
Iceland		0	0			1	1	2	7	8	8	10	14	23	11	14	132	374	162	39	14
India	51 780	37 969	22 236	21 013	33 990	61 004	47 072	37 494	50 518	50 391	71 798	77 859	89 612	165 771	161 379	252 940	155 076	161 216	190 881	129 639	146 196
Indonesia	14 492	3 825	3 344	4 767	1 034	15 313	35 383	37 693	48 147	63 751	80 580	90 358	92 105	229 666	76 446	395	1 136	9 458	18 947	4 670	25 152
Iran (Islamic Republic of)	9 554	9 582	11 874	4 137	2 869	3 901	2 329	263	506	4 616	5 028	6 034	5 341	5 895	11 559	19 383	14 904	20 582	32 909	43 623	47 719
Iraq		4 088	726	9 920	43 735	708	256	7 650	10 657	16 339	20 106	11 358	3 045	11 617	9 284	7 978	10 122	22 186	38 148	37 903	31 564
Ireland	243	241		147	204	185	228	235	1 233	4 328	179	135	556	1 248	936	201	451	9 903	5 725	6 180	1 897
Israel	2	19	36	14	8	12	19	22	1 555	141	66	991	230	29	194	438	1 951	3 005	137	129	7 864
Italy	9 385		1 457	2 908	4 072	41 254	32 596	37 131	6 158	16 890	65 013	23 458	5 223	29 214	92 188	20 627	21 306	75 040	77 149	26 371	18 423
Jamaica	0	0	0	0	1	0	4	15	0	0	0	308	3 651	5 726	30	37	30	67	236	1 164	2 815
Japan	33 812	22 552	22 497		899		1 640			2 002		5 452	3 259	1 753	3 109	5 872	6 323	2 810	12 268	7 281	6 716
Jordan	19	61	32	115	428	7 026	448	318	516	2 985	1 071	143	290	1 397	4 810	1 645	297	559	2 592	183	1 594
Kazakhstan	18	94	245	1 391	1 935	120	123	284	1 788	3 297	647	1 425	273								
Kenya	766	11 304	21 002	8 601	9 262	3 339	3 572	3 322	4 180	961	65 004	59 937	77 072	86 727	70 200	49 858	26 199	111 492	200 143	285 681	270 767
Kingdom of Bahrain	8	5	6	38	4	4	74	3	0	2	12	7	59	181	5	22	97	1 910	1 134	438	1 147
Kiribati	0	0	0	2	355	25	13	4	292	114	4 357	8	30	1 612	264	22	2	2 015	1 417	0	11
Kuwait			6	13	90	26	15	12	432	260	383	165	71	71	70	428	237	2 061	608	1 590	586
Kyrgyzstan	2	17	16	478	2 397	998	74	17	168	3 825	815	824	584								
Lao People's Democratic Republic	2 070	94	332	2 302	4 613	671	917	3 174	984	1 083	520	1 400	2 168	2 793	2 243	2 580	1 367	1 492	924	1 076	383
Latvia		1	0	0	3	4	3	2	10	54	248	6	21								
Lebanon	36	8	5	8	966	134	2	3	51	396	13									266	
Lesotho	0	217	660	944		0		304	573	235	1 816	2 351	2 195	1 378	1 797	2 448	4 376	7 362	5 821	5 239	6 941

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Reference Measles incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia	131	1 379	5 977	1 679	1 436	2 961	1 938	56	571	6 598	5 776			1 866	2 556	2 178	836	2 686	6 151	4 835	6 873
Libyan Arab Jamahiriya	3 890	633			50	26			1 127	733	3 691	1 695	931	207	316	401	851	4 193	2 526	996	928
Lithuania	103	7	19	23	18	30	35	188	286	249	200	143									
Luxembourg			0			1	25	1	1	4	48	1	16	12	18	153	27	62	35	21	243
Madagascar	10 795	9 357	35 256	35 196	15 510	13 865	5 961	11 731	14 164	6 060	1 846	5 824	14 459	29 654	17 069	10 841	21 546	69 884	66 894	101 925	84 494
Malawi	92	150	304	152	3 591	10 845	9 120	4 218	2 164	3 614	32 177	5 730		93 100	81 100	114 061	105 682	126 581	80 766	150 248	104 921
Malaysia	408	2 198	6 187	2 576	483	627	460	654	346	542	363	275	563	1 027	2 304	5 429	4 699	5 163	8 147	9 313	9 268
Maldives	926	0	20		0		0	3 070	706	61	0	0	0	0	0	0	0	2 029	0	0	0
Mali	717	4 464	1 578	2 506	10 240	3 531	10 995	3 306	3 420	10 595	7 830	13 473	1 388	3 605	4 478	4 352	4 669	29 732	4 494	8 759	16 432
Malta	7	2	2	1	3	5	16	27	8	3	43	8	6	17	17	46	1 844	175	58	620	1 530
Marshall Islands	0	0	0	0	0	0	0	0	0	9	10	19	14	13		0	1	4	0	0	0
Mauritania	883	1 398		5 263	1 303	499		195	2 668	5 754	4 990	4 601	1 379	5 032	434	2 323	5 318	15 123	11 203	15 710	6 743
Mauritius		0	0	0	0	0	0	6	10	88	7	0	1	0	2	0	5	2	6	0	4
Mexico		3	30	0	0	0	180	244	128	172	533	5 077	68 782	20 381	3 915	2 776	9 824	23 826	5 158	3 368	6 364
Micronesia (Federated States of)		0	0	0	0	0	0	0	930	0	41	0	1	0	0	1					
Monaco					0						160		0	0	0	0	0	0	0	0	0
Mongolia	1 205	10 677	925	10	8	4	128	555	177	71	1 069	656	296	2 176	3 044	378	133	525	29 738	1 935	209
Morocco	6 000	2 724	7 368	10 853	7 863	2 512	1 324	2 380	3 512	8 431	6 008	2 125	1 577	1 689	2 306	26 621	15 333	4 216	11 484	80 806	53 160
Mozambique	7 155	7 085	7 375	3 936	15 693	15 324	9 251	4 166	9 618	5 799	3 092	5 059	18 082	22 832	12 142	12 749	16 109	16 507	12 508	11 734	11 909
Myanmar	736		861	791	1 465	1 035	1 684	1 170	1 855	2 682	1 794	4 437	7 900	3 883	4 323	5 540	3 830	16 386	16 580	18 919	25 102
Namibia	1 278	416	469	296	495	5 359	4 901	1 723	133	1 328	6 874				4 482	16 874					
Nauru	0	0	0	1		58	0	0					300	0	0	0	1				1
Nepal	6 749	10 849	9 397		5 771	12 677	7 213	4 810	1 401	59	136	93	182	171	193	190	68	952	2 042	1 117	1 268
Netherlands	3		1 019	2 368	9	21	57	184	302	468	472	59	16	124	1 519	227	90	24	82	480	95
New Zealand	21	65	65	106	164	2 041			33	69		9 239		0							
Nicaragua	0	0	0	0	0	0	0	5	3	339	2 332	0	0	0	314	792	2 550	956	153	112	226
Niger	31 584	61 208	21 319	36 156	11 404	32 649	68 921	67 986	48 685	36 557	31 341	90 071	20 463	22 932	16 864	14 290	17 626	64 689	42 199	30 288	39 815
Nigeria	42 007	168 107	212 183		143 098	21 385	88 675	12 393	106 081	54 734	85 965	44 026	115 682	33 678	75 908	77 566	115 743	161 768	182 591	136 778	139 785
Niue	0	0	0	0	0	0	0	0	2	0	0	121		1	1	0	7	21	0	0	0
Norway	5	4	0	0		11	23	18	6	7	73	17	95	13	133	563	1 219	1 312	1 775	6 181	10 974
Oman	5	15	15	9	5	12	46	68	181	3 108	1 834	220	1 262	4 255	6 052	3 804	2 001	4 161	9 652	9 151	16 645
Pakistan	3 903	3 849	2 064	2 940	2 333	1 848	1 090	1 720	1 421	1 967	2 967	617	21 785	2 349	55 543	45 996	42 304	26 686	17 322	21 004	19 890

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Reference

Measles incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	0	0	0	0	1	0	0	0	0	93	0	0	0	1	0	0	0	0	0	0	0
Panama	0	0	0	0	0	0	0	19	3	90	6	2 430	1 891	301	378	1 885	4 199	4 295	358	595	4 014
Papua New Guinea	17 620	4 023	7 135	6 304	1 148	678	2 313	3 730	6 821	8 212	6 634	2 740	4 575	9 799	6 543	10 206	19 024	5 680	9 874	10 023	12 771
Paraguay	0	0	0	0	70	143	13	73	122	2 066	864	526	1 396	386	755	1 742	610	666	979	1 259	531
Peru	0	0	1	12	10	95	105	353	670	1 730	22 605	1 014	737	1 145	5 785	6 240	6 099	9 393	13 039	7 619	12 708
Philippines	7 003	7 360	7 120	2 981	1 984	9 218	9 218	3 913	3 006	7 541	39 304	29 037	42 938	68 986	70 801	81 896	59 375	62 959	75 290	43 684	35 989
Poland	33	133	77	99	2 255	338	639	752	864	1 410	3 695	2 419	56 471	7 225	1 005	1 286	6 806	35 680	54 403	11 271	7 620
Portugal	8	34	45	50	96	129	38	192	3 230	881	208	275	407	11 791	2 285	813					
Qatar	34	23	46		116	439	38	0	31	86	68	563	314	1 083	382	409	2 095	1 410	886	816	506
Republic of Korea	41	23 044	32 088		4	2	71	71	7 883				3 415	2 394	1 579	1 880	1 818	1 283	2 246	695	6 776
Republic of Moldova	4 929	457	687	245	673	364	344	1 174	3 951	866	322	621	3 242								
Romania	14	10	35	240	9 547	23 579	906	2 188	6 228	28 321	6 061	1 773	4 691	3 870	1 810	11 833	34 037	5 007	2 108	4 723	61 682
Russian Federation	580	2 072	4 800	7 428	6 215	2 874	7 120	6 630	28 672	74 463	18 570	20 449	18 370								
Rwanda	2 738	896	2 095	4 359		787	3 988	28 874	5 999	9 861	17 429	5 820	8 970	5 429	4 364	12 387	42 749	16 760	17 269	20 001	36 792
Saint Kitts and Nevis	0	0	0	0	0	0	0	1	0	0	0	0	80	12	12	21	22	27	2	556	138
Saint Lucia	0	0	0	0	0	0	0	2	0	0	0	2	30	10	4	4	32	9	13	71	2 039
Saint Vincent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0	0	1	1	10	1	2	5	15	63	757
Samoa	0	0	0	0	8	0	87	0	0	7	4	0	0	1	0	0	1	1 095	0	7	28
San Marino			1	0		22				6	7	1	1								
Sao Tome and Principe	0	0	0	0	0	0	0	23	319	88	0	0	10		118	0	69	62	576	216	3
Saudi Arabia	311	155		2 815	5 519	3 978	2 407	2 574	1 253	3 182	11 299	6 368	5 439	3 588	8 225	29 220	22 830	18 393	30 457	44 633	33 294
Senegal	14 480	24 789	5 639	3 668	6 594	6 594	8 069		5 944	14 693	15 367	11 427	5 004	10 940	1 596	3 453	6 831			26 481	32 380
Serbia and Montenegro	63	35	38	288	922	4 692	458	524	800	16 777	2 108	991	4 978	16 149	6 629	8 639	14 148	25 325	20 233	12 967	13 826
Seychelles	0	0	0	2	626	3	2	0	0	0	0	6	13	5	0	2	4	10	19	267	347
Sierra Leone	568	649	3 575			361		344	114	2 288	914	284	830	625	207	1 000	164	3 351	4 016	4 327	4 102
Singapore	211	408	141	65	114	1 413	0	185	159	0	606	216	143	146	192	123	218	136	2 417	677	1 965
Slovakia	0	0	0	0	530	620	0	2	29	551	415	211	47								
Slovenia	0	0	0	1	13	9	8	398	134	7	10	32									
Solomon Islands	0	0	0	0	0	0	0	0	640	1 527	86	45	343	13 779	593	434	0	2	238	923	3 331
Somalia	9 559	3 571	3 965	5 523	3 075		1 830							988	296	222	70	128	487	622	
South Africa	1 043	1 166	1 459	385	977	1 337	6 501	8 845	6 845	12 870	22 745	4 777	10 624	18 268	15 258	22 559	13 459	17 884	16 160	16 735	12 906
Spain	67		152	246	446	1 842	4 964	8 849	6 796	11 985	24 460	24 445	21 650	32 908	22 701	35 146	220 109	80 663	38 914	304 350	159 562

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Reference Measles incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	139	309	16 527	2 417	177	195	158	408	566	558	701	1 896	4 004	780	2 630	3 508	6 235	9 398	13 215	8 171	13 273
Sudan	4 529	4 362	2 875	3 347	550	350	2 559	841	963	683	17 017	30 014	14 075	15 114	7 466	1 635	27 136	67 589	2 390	2 806	68 171
Suriname	0	0	0	0	0	0	0	0	0	0	0	0	35	0	68	5	37	110	40	17	647
Swaziland	37	49	10	0	180	609	2 201	171	610	7 148	2 042	1 487	1 465	1 461	1 581	4 261	2 253	3 253	4 794	3 267	9 185
Sweden	9	5	59			62	44	23	21	25	57	25	29	62	38		173	326	1 003	4 626	6 223
Switzerland		700		800	2 000	6 400	2 000	1 400	1 400	3 000	4 300	2 700	1 990	2 700	7 600	7 400					
Syrian Arab Republic	538	290	146	3	5 400	6 850	2 060	1 362	1 334	2 300	374	359	535	729	58	292	2 154	425	1 405	879	800
Tajikistan	927	38	192	177	3 070	3 882	42	56	531	5 045	2 439	1 241	6 897								
Thailand		7 319	4 074	3 167	13 734	15 122	5 757	11 112	38 659	17 851	7 892	26 709	29 244	14 862	36 092	42 172	19 545	32 156	47 205	34 713	27 691
T.F.Y.R. Macedonia	19	27	36	53		364	1 056	217	229	2 495	180	181									
Timor-Leste	0																				
Togo	363	1 833	3 578	2 540	3 771	450	223	6 144	7 298	4 017	6 959	9 934	4 548	3 499	17 577	10 111	13 119	25 729	25 869	19 403	21 925
Tonga	0	4	0	6	36	1 081	0	0	0	0	10	18	65	25	0	0	233	412	5	36	19
Trinidad and Tobago	0	0	0	0	0	1	0	0	0	0	0	141	511	2 170	388	441	2 660	3 549	3 556	2 392	1 284
Tunisia	98	231	47	101	123	371	533	676	597	1 413	11 872	1 250	547	1 147	288	573	3 740	4 766	2 481	1 464	1 828
Turkey	7 823	30 509	16 244	16 329	27 120	22 795	27 171	13 544	23 733	34 285	24 626	22 521	11 372	19 273	9 279	2 194	2 267	14 695	30 666	31 515	8 778
Turkmenistan	11	9	113	452	1 035	377	96	393	2 613	2 486	692	1 346	2 806								
Tuvalu	0	0	0	0	0	14	51	1	0	0	1	0	0	0	0	284	0	0	2	0	20
Uganda	49 871	48 543	42 554	42 737	42 528	12 562	26 198	42 659	49 815		36 511		2 637	660	1 666				20 072	43 016	11 408
Ukraine	7 587	16 970	817	1 389	5 107	7 000	8 678	1 923	9 837	23 452	13 289	5 321	6 841								
United Arab Emirates	53	30	69	117	296	243	425	671	518	745	1 063	1 148	1 187	1 068	1 187	2 913	2 158	2 400	1 749	2 105	1 691
United Kingdom	314	73	104		74	4 844	6 866	9 017	23 525	12 018	12 317	11 727	28 228	30 160	88 259	44 850	90 214	104 774	67 632	114 948	105 642
United Republic of Tanzania	5 131	11 847	14 649	5 887	10 023	7 287	10 676	3 160	3 558	16 471	13 040	27 188	14 920	7 033	14 568	42 109	38 229	46 032	39 311	68 804	102 127
United States of America	37	116	85	100	100	138	489	309	958	312	2 231	9 643	27 786	18 193	3 396	3 655	6 282	2 822	2 587	1 497	1 714
Uruguay	0	0	0	34	6	2	2	5	0	16	187	2 040	110	20	76	1 190	198	160	352	18	135
Uzbekistan	25	22	80	1 193	875	261	228	294	1 661	2 354	2 020	3 878	3 943								
Vanuatu	101	7	9	12		113	4	27	27	67	154	541	67	169	140	253	1 064	940	1 634	401	832
Venezuela	2 392	115	22	0	4	27	89	172	15 364	20 244	11 949	15 273	9 881	10 160	12 339	19 261	14 026	21 974	11 833	11 263	14 200
Viet Nam	6 755	12 058	16 512	14 134	11 690	6 507	5 156	6 171	11 853	12 015	11 830	9 874	8 175	22 332	23 308	30 460	68 463	82 231	87 796	125 176	72 466
Yemen	890	485		26 126	8 785	51		225	35	601	2 420	75		26 681	10 424	17 408	15 596	27 997	39 713	33 348	24 482
Zambia	25 036	16 997	30 930	23 518		7 140	9 459	8 533	14 255	11 629	11 006	2 822	6 748	5 747	12 487	14 793	23 866	51 000	36 881	51 140	73 499
Zimbabwe	304	529	1 483	772	2 049	12 971	37 407	8 529	37 785	34 071	17 346	24 090	13 728	47 509	49 812	17 675	20 388	22 290	21 662	36 253	4 941

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Reference Neonatal tetanus incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	595	211	139	88	310							0	3								121
Albania	0	0	0	0		0	0	2	6	3	3	1	1	0	0	0	0	0	0	0	0
Algeria	4	15		17	16	19	16	15	21	40	33	29	27	38	36						
Andorra		0				0															
Angola	173	311	131	78	164	126	116	101	814	634	604	634	959	1 466	835	363	29	550	912	851	745
Antigua and Barbuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Argentina		1	0	2	0	4	4	4	11	5	13	18	8	18	21	17	18	19	0	0	0
Armenia	0	0	0	0	0	0	0	0	0	0	0	0	0								
Australia					0	0		0	0	0	0										
Austria		0				0	0	0	0	0	0	0									
Azerbaijan	0	0				1	2	3	3	1	3	0									
Bahamas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bangladesh	336	436	376	479	910	689	759	735	834	720	588	602	740	1 105	1 029			1 265			0
Barbados	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belarus	0	0	0	0	0	0	0	0	0	0	0	0									
Belgium						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belize	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	2	0	2	3
Benin	24	24	52	54	10	24	16	30	75	70	63	23	247	266	371	441	388				
Bhutan			0	49	0	0	0	0	1	0	2	0	1	2	3	0	71	4	32		
Bolivia	3	3	2	2	9	14	14	20	21	21	42	53	46	102	118	86	69	9	0	0	0
Bosnia and Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0									
Botswana	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	3	0	2	14	21	4
Brazil	31	17	34	66	72	74	86	128	185	218	229	272	298	392	403	464	497	684	602	706	572
Brunei Darussalam		0	0	0	0	0			0	0	0	0	0	0	0	1	0	0	0	0	1
Bulgaria	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkina Faso	4	12	22	19	18	8	15	18	20	19	39	42	100	150	211	257	269	227	46		
Burundi	45		16	32	18	1	21	12	16	19	25	19	25	64	141	104	123	127	278		
Cambodia	169	165	295	173	84	34	9	8	147	88		121									
Cameroon	322	207	279	238	197	171	274	57	69	271	380	449	382	490	358	394	492	537	904		
Canada	0	0	0						0	0	0	0	0	0	0	0	0	0	0	0	0
Cape Verde	1	0	1	1	1	1	0	4	2	7	0	2	6	8	10	35	42	25			
Central African Republic	32	38	37	48	16	39	17	45	8	22	14	31	32	35	23	96	38	63	59	87	78

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Reference Neonatal tetanus incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad	446	475	142	212	652	844	514	555	606	610	529	546	738	729	925	1 043	316	149	183	115	625
Chile	0	0	0	1	0	0	0	0	1	1	3	2	0	3	5	3	3	0	0	8	12
China	2 136	2 608	3 230	3 616	3 777	3 962	2 543														
Colombia	12	15	10	19	21	24	26	35	61	77	86	99	133	135	193	203	211	252	294	306	87
Comoros	0	0	0	2	0	0	1	2	9	17	17	17	6	7	10	17	17				
Congo	8	8	2	3	0	0	7	5	9	6	14	15	18	9	9	40	21	2	24	1	0
Cook Islands	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	2	0	0	2	0	2	2
Côte d'Ivoire	20	19	30	83	95	241	351	311		300	276	350	364	433	608	448	578				
Croatia	0	0	0	0	0	1	1	0	1	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
Cyprus	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	0	0								
D.P.R. Korea	0	0	0	0	6	0	2	3	4	0	3	1	0	1	4						
Democratic Republic of the Congo	1 083	1 176	77	448	343	107	194	83	306	95	47	272	120	135	175	168	146	208	235	206	252
Denmark	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	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Dominica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dominican Republic	1	0	4	1	0	0	0	1	1	0	5	4	12	13	33	7	8	12	15	19	6
Ecuador	9	8	6	14	24	25	36	51	58	81	71	80	88	58	126	80	74	91	80	67	66
Egypt	176	194	321	383	471	482	643	790	993	1 277	1 830	2 728	3 275	3 448	6 554	6 901	7 256	6 633	5 967	6 044	5 224
El Salvador	0	1	3	3	0	2	5	3	9	18	25	18	25	25	33	26	39	52	54	38	92
Equatorial Guinea	0	2				0	2	0	5	4	1	34	3	34	45	33	2	8	8		
Eritrea	3	1	4	1	4	1	2	1													
Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0								
Ethiopia	56	11	20	35	16	27	5				94		39	300		107	117	151	145	157	220
Fiji	0	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finland	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
France			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gabon	3	1	8				0			12	7		4	9	16	9	11	4	2	2	0
Gambia	3	0	2	1		0	1	6	8	13	21	18	44			17	65	27			
Georgia	0	0	0	0		0	0	0	0	0	0	0	0								

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Reference Neonatal tetanus incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982		
Germany			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ghana	70	64	80	78	100	105	108	159	144	9	8												
Greece	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	2	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	
Guatemala	3	5	7	2	6	8	12	9	18	19	24	15	60	103	110	143	8	17	0	0	0	0	
Guinea	362	228	245	287	272	280	289	120	171	73	81	452	53	119	172	336	265	80					
Guinea-Bissau	6	41		12		5	8	5	24	36	66	79	45	84	88	155	147	108	1	159			
Guyana		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Haiti	16	65	58	11	56			78					143	153	63	75	57	57	98	125	68	68	
Honduras	2	1	0	2	6	1	4	3	10	5	10	18	39	20	24	21	24	20	20	0	2	2	
Hungary		0	0	1	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	
India	1 718	3 241	1 679	670	2 049	3 011	1 313	1 783	2 285	4 439	4 011	11 241	9 313	11 114	11 849								
Indonesia	64	82	466	54	63	546	815	807	679	652	755	618	1 427	1 448	1 050	135	494	662	999	612	1 283	1 283	
Iran (Islamic Republic of)	8	7	13	12	14	14	21	13	21	12	18	9	26	46	85	95						107	
Iraq		22	37	49	38	73	76	64	89	171	233	106	152	214	282	104	310	680	634	721	922	922	
Ireland	0	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Israel	0	0	0		0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	1	2	2	
Italy	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jamaica	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	2	0	0	
Japan	0	0	0										0		0								
Jordan	3	4	3	3	1	2	2	2	5	6	6	6	9	7	6	8	13	8	24	21	26	26	
Kazakhstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kenya	95	132	1 278	259	71	27	23	30	50	8			1 612				23	17				497	
Kingdom of Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	
Kiribati	0	0	0	0	0	0	0	0	3	3	4	2	1	0	0	0	0	0	0	0	0	0	
Kuwait			0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	2	3	1	1	
Kyrgyzstan		0			0					0													
Lao People's Democratic Republic	16	17	21	18	17	12	17	6	10	5	12	20	4		0								
Latvia		0			0	0	0	0	0	0	0	0											
Lebanon	1	1	0	0	1	1	4	3	3	0	0						0	0					
Lesotho	0	0		0			0	0	0	0	0	0	1	0	0	0	0	1	1	3	10	10	

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Reference Neonatal tetanus incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia	21	43	152	174	166	84	74	24	59	119	38										
Libyan Arab Jamahiriya	0	0			0	0	0		0	0	3	3	1	7	10	10	8	15	0	10	
Lithuania	0	0	0	0	0	0	0	0	0	0	0	0									
Luxembourg			0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Madagascar	6	18	13	26	39	46	61	7	6	20	17	32	208	183	234						
Malawi	7	15	12	6	1	8	1	6	14	37	84		211			196	327	391	274	405	358
Malaysia	4	8	20	10	13	11	9	12	9	20	28	13	11	21	15	40	51	49	64	36	47
Maldives		0			0	0	0	0	4	1	3	1		56	0	0	0	0	0	0	0
Mali	37	34	73	29	31	9	37	33	28	40	73	171	203	230				455			
Malta	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
Mauritania	4	8		9	11	1		1	1	0	6	26	16	20	34	44	120	99	58		
Mauritius		0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	7
Mexico	6	6	9	7	25	44	64	67	83	98	135	152	145	87	108	84	57	0	0	0	0
Micronesia (Federated States of)		0	0	0	0	0	0	0	0	0	0	0	0	0							
Monaco	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mongolia	0	0	0	0		0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Morocco	5	3	2	9	6	4	14	14	9	9	23	21	28	43	72	147	131	104	120	103	95
Mozambique	8	36	42	32	43	52	37	19	56	45	45	59	34	68	71	67	82	120	74	107	178
Myanmar	72		41	86	75	20	41	31	71	105	113	190	27	58	57	64	72	96	100	119	123
Namibia	8	7	10	12	6	27	20	75	9	12	44										
Nauru	0	0	0	0		0		0					4	0							
Nepal	92	327	134		197	462	254	511	4	20	7	8	0	3	50	49	58	79	92	43	39
Netherlands						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Zealand	0	0	0	0	0			0	0	0	0	0	0	0							
Nicaragua	1	1	0	0	0	1	1	4	4	7	9	11	15	17	26	32	28	30	75	102	111
Niger	32	39	55	30	27	33	40	61	28	46	56	74	39		299	285	222	115	154	210	251
Nigeria	752	1 441	1 643		1 871	656	1 117	388	693	1 879	896	1 103	1 060	498							
Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norway	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	8	11	11	5	10	
Pakistan	935	1 107	1 380	1 555	1 918	2 063	2 012	1 580	1 842	1 685	1 737	1 430	1 067	1 449	1 971	2 300	1 064	576	535	881	907

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Reference Neonatal tetanus incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama	0	1	0	1	0	1	0	1	2	2	3	6	5	9	7	7	12	12	8	15	20
Papua New Guinea	71	75	138	52	47	52		134	159	177	163	0		0	0						
Paraguay	8	8	7	10	13	20	10	16	20	29	18	33	38	37	55	59	59	76	81	114	113
Peru	7	8	10	12	14	36	46	94	130	120	140	89	93	183	143	138	89	72	214	200	229
Philippines	163	283	281	332	50	338		288	336	455	347	224	291	254	1 115	1 042	1 210	1 244	1 200	1 043	1 095
Poland	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Portugal	0		0		0	0	2	0	0	0	0	1	0	0	0	0	3	3	0	0	2
Qatar	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Republic of Korea					0	0	0						0	0	0						
Republic of Moldova	0	0	0	0	0	0	0	0	0	0	0	0									
Romania	0	1	0	0	0	0	0	1	1	1	3	1	1	1	0	1	1	2	0		
Russian Federation	0	0	0	40	0	0	0	0	0	0	0	0									
Rwanda	18	18	5	0		0	1	1	0	7	2	1	1	40	100	85	78				
Saint Kitts and Nevis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Vincent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Samoa					0	0	0	0	0	0	0	0	0	0	0						
San Marino			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sao Tome and Principe	0	0	0			1	0	3	3	0	0	0	4		4	8	8	5	0	0	0
Saudi Arabia	28	27			10	26	28	25	33	35	15	12	13	29	33	35	25				
Senegal	38	45	0	5	16	16	22		24	63	52	100	67	80	91	17					704
Serbia and Montenegro	0	0	0	2		3	0		4	1	1	9	0	2	0	0	8	6	12	15	25
Seychelles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sierra Leone	200	38	36			0		25	55	82	61		26		12	45	54	583	601	663	692
Singapore		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1
Slovakia	0	0	0	0	0	0	0	0	0	0	0	0									
Slovenia	0	0	0	0	0	0	0	0	0	0	0	0									
Solomon Islands	0	0			0	1	1	3	0	1	3	3	4	4	2	0	0				
Somalia			966		99		102							946	159	63	22	41	58	60	
South Africa	6	10	11	2	6	9	9	9	19	32	13	44	58	71	105	157	82	136	149	176	136
Spain	0	0	0			0	0	0	0	0	0	0	0						14	10	

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Reference Neonatal tetanus incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	2	3	1	8	4	8	7	7	9	11	14	10	5	9	39	37	49	76	123	70	182
Sudan	97	99	88	66	53	95	40	21	70	71	150		28				2 050	18			
Suriname	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0
Swaziland	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
Switzerland	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Syrian Arab Republic	16	18	15	23	32	45	61	106	74	74	82	50	55	90	116	140	192	124	151	100	144
Tajikistan	0	0		0		0	0	0	0	0	0	0	0								
Thailand		11	17	25	20	25	32	38	68	67	120	166	212	286	325	414	508	564	548	566	677
T.F.Y.R. Macedonia	0	0	0	0		0	0	0	0	1	0	1									
Timor-Leste	0																				
Togo	42	29	33	41	39	14	27	13	32	7	27	24	42	97	64	143	101	118	115	117	139
Tonga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Tunisia	0	1	2	2	3	4	4	7	7	3	7	8	9	13	21	37	25	33	45	44	34
Turkey	32	32	26		30	33	61	63	51	46	29	68	67	63	51	46	66	41			
Turkmenistan	0	0	1	0	0	0	0	0	0	0	0	0									
Tuvalu	0	0		0		0	0	0	0	0	0	0		0	0	0	0				
Uganda	611	520	470	209	583	158	167	307	523		605		129	110	144						
Ukraine	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	2	10	6	8	5	7	7
United Kingdom	0	0	0			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
United Republic of Tanzania	32	41	48	40	34	21	19	29	25	53	91	114	28	1 078		274	326	158	83		
United States of America	0	0	0						1	0	0	0	0	1	0	0	0	0	2	0	0
Uruguay	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									
Vanuatu	2	1	0	6		0	2	0	0	1	0	0	0	2	1	1	0	2	0	0	2
Venezuela	4	0	2	4	7	7	14	18	14	27	29	35	28	46	43	53	59	70	77	101	132
Viet Nam	95	104	142	219	266	257	257	330	422	333	187	334	313								
Yemen	122	121	174	131				12	3	8	21			19	48	49	16	61	119	139	73
Zambia	102	39	130	161		34	15	24	21	29	5	6	57		196	270	388		147		
Zimbabwe	9	13	16	12	7	12	5	18	24	12	23	28	16	58	21	67	358	218	245	85	428

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Reference Pertussis incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	1 439		896	1 582	896							541	411	1 494	4 587	6 073	5 872	8 531	6 175	10 209	8 528
Albania	20	36	89	27	24	78	228	136	244	124	51	275	329	302	508	112	115	172	89	126	312
Algeria	57	137		4	10	30	9		4	44	25	16	23	32	45	69	24	520	894	395	663
Andorra		0				0															
Angola	0	740	560							1 458		10 078	14 420	21 674	14 343	10 015	6 953	15 846	23 993	28 461	31 429
Antigua and Barbuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Argentina		431	515	592	677	640	767	1 208	1 497	1 201	2 166	2 330	2 012	2 943	3 685	1 722	1 952	4 654	16 288	6 115	6 383
Armenia	3	1	10	13	19	5	2	12	329	98	124	327	469								
Australia	5 563	9 538	5 795	4 403	6 055	10 242	4 389	4 099	5 633	3 990	739	337	862	614	153	291	601	587	261	332	274
Austria	150	253	117	103	113	117	94	91	145	89	138	182	234	190	113	260	177	301	176	181	433
Azerbaijan	3	12	11	22	43	52	15	34	104	417	89	150	63								
Bahamas	0	0	0	0	0	0	0	1	0	0	5	0	0	0	0	0	0	0	1	8	8
Bangladesh	587	16	252	520	814	673	1 293	1 289	1 984	4 190	10 242	14 605	4 879	83 057	19 803	34 423	31 978	23 897	10 326	24 002	52 237
Barbados		0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	1	36	0	0	12
Belarus	70	86	169	272	262	455	202	227	835	755	638	381	462								
Belgium	27	28				14	8	3	3	2		0		3	3	15	5	3			
Belize	0	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	8	36	3	1	0
Benin			215	45			119	1 055				190		455	665	2 148	1 138	2 646	2 158	1 937	2 705
Bhutan		0	18	466	0	0	0	5	0	0	9	8	3	225	219	90	160	213	224	392	795
Bolivia	27	55	10	16	44	138	14	36	45	245	284	56	159	705	685	520	439	964	1 393	1 445	1 387
Bosnia and Herzegovina	81		43	71	109			141	257	82	169	245	287								
Botswana	0	0	0	15	7	19	38	15	19	17	5	11	22	8	17	17	21	28	212	132	83
Brazil	924	477	764	1 369	1 704	101	1 245	3 798	4 098	5 388	5 155	7 252	15 329	13 810	8 869	16 898	23 946	22 119	19 221	26 297	54 766
Brunei Darussalam		0	2	7	3	0					0		0	0	0	0	2	2	2	1	0
Bulgaria	82	81	106	123	40	44	40	77	22	74	82	13	26	15	14	54	53	40	226	66	169
Burkina Faso	212	238	351	340			62	419	233	243	485	1 314	713	1 428	1 402	3 378	3 333	5 078	2 824	3 586	5 219
Burundi	154		72	351	94			273	155	95	218	352	529	895	1 114	1 979	4 152	4 516	5 564	5 775	6 092
Cambodia	320	4 714	2 068	618	438	1 665			63	611	995	821	1 690	4 220	3 902	5 672	11 568	25 023	27 424	23 699	74 127
Cameroon						0		4		1 103	1 900	5 911	5 498	5 073	5 659	6 246	10 861	11 126	10 079	14 042	
Canada	2 557	2 678	4 055	5 377	7 519	4 439	5 408	9 818	10 151	7 401	3 605	2 724	8 030	2 440	1 106	1 292	2 357	2 376	1 350	2 231	2 314
Cape Verde	0	0	0		47	0		0	0	0	0	0	0	1	1	248		7	4	7	182
Central African Republic	10	1 358		0	16	11		6				46	746	802	826	1 071	2 443	1 566	452	931	

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Reference Pertussis incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad							5 004	5 745									2 303	1 496	2 532	2 288	2 73
Chile	1 711	1 611	3 554	3 178	2 482	1 457	1 094	424	208	600	234	61	59	202	224	46	38	610	1 980	127	393
China	6 293	6 407	5 561	5 974	7 134	8 678		5 482	7 199	9 190	11 182	10 679	20 015	26 985	32 937	59 543	83 979	147 298	215 965	331 419	422 280
Colombia	577	577	446	332	311	425	111	1 144	1 609	1 271	872	1 336	1 961	2 384	1 864	3 272	2 055	1 629	3 211	5 450	7 220
Comoros	0	0	0	0	0	0	3					0	0								
Congo	38	31	0	17	8	8	48	144				93	52	47	61	47	667	772	1 981	1 181	1 212
Cook Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Costa Rica	32	51	23	11	29	33	20	21	20	28	29	19	75	85	95	52	153	133	172	74	63
Côte d'Ivoire	0	0				1 284	1 559	1 865			1 851		3 052	4 284	3 622	4 626	8 213				
Croatia	176	130	196	333	445	567	694	252	310	666	313	392	304								
Cuba	0	0	0	0	0	0	0	0	2	11	1	23	70	70	32	103	342	195	86	275	915
Cyprus	1		6	12	5	12	20	15	17	0	1	6	4	0	0	0	11	0	0	23	1
Czech Republic	329	124	187	97	25	114	121	22	75	72	9	33	48								
D.P.R. Korea	1 087	87	304	50	32	60	98	130	150		47	49	58	274	363	494	952	1 607	1 767	1 919	563
Democratic Republic of the Congo		6 300	75	150	44									492	1 447	1 473	1 209	1 590	635	5 926	7 265
Denmark	323	200	164			198	89	82	39	242	495	821	569	928	959	2 902	1 139	1 882	3 368	1 883	1 327
Djibouti	2	34	48				0	0	0	0	1	0	25	27	15	5		85	385	32	23
Dominica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	7
Dominican Republic	10	19	40	21	20	2	2	0	4	5	71	33	227	255	104	149	217	172	177	302	216
Ecuador	302	308	482	204	248	235	163	176	562	362	320	601	487	247	197	312	907	741	420	802	1 165
Egypt	0	1	3	5	2	0	1	1	0	3	19	4	1	9	22	14	9	18	41	23	37
El Salvador	6	6	3	3	4	2	3	4	12	24	33	0	0	0	46	162	561	464	505	497	1 754
Equatorial Guinea	0	0				0	4						67	166	356	247	15	4	288		
Eritrea	149	130	152	132	119		45	125													
Estonia	215	319	503	235	344	336	46	50	161	279	200	222	87								
Ethiopia				733	749		264	626			3 813		922	1 183	13 621	7 198	4 921	5 148	12 548	10 993	10 823
Fiji	0	10				0	0	0	0	0	1		1	6	4	9	0	2	5	5	15
Finland	581	315			832	606	586	518	1 291	364	247	682	707	297	187	498	239	308	245	740	379
France							469											83	57	112	137
Gabon	0	588					98			128	406			318	528	363	1 061	1 721	1 319	1 334	480
Gambia	0	0	0	5		0												56			
Georgia	147	82	84	233	334	118	114	97	308	272	148	335									

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Reference Pertussis incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Germany														94	244	60	76	306	187	207	217
Ghana	326	523	636	749	819		1 141	1 147	1 689	2 360	2 672	1 602	2 651	3 744	2 694	5 079	2 514	8 704	5 255	6 279	10 384
Greece	16	93	13	36	86	106	96	196	264	234	480	649	752	648	883	2 784	1 728	1 020	1 504	5 470	2 082
Grenada	0	0	1	4	0	0	0	0	1	2	0	0	0	0	2	1	9	0	0	0	0
Guatemala	88	229	146	291	441	567	65	34	29	34	156	149	130	145	625	53	509	1 507	1 970	1 280	1 539
Guinea	81	267	247	176	160	515	180						412	314	317	1 759	647	625	1 328	1 963	4 589
Guinea-Bissau	4	41		20		24	26					1 786	1 512	151	1 286	1 649	1 206	743	464	896	1 968
Guyana	2	100	0	0	0	0	44	0	0	0	0	0	1	6	0	0	4	1	0	5	23
Haiti	2	30	14	24		0		0					913	1 835	637	1 299	469	1 373	749	524	1 559
Honduras	71	37	169	145	59	191	200	0	3	15	425	89	65	52	143	519	331	335	630	550	1 151
Hungary	6	1	1	1	0	0	5	3	2	3	2	5	12	3	18	18	12	21	24	9	22
Iceland		3	8			47	100	27	41	4	4	137	3	19	53	162	35	16	59	535	258
India	34 703	30 653	27 851	11 264	31 199	21 371		4 073	38 591	47 612	63 308	73 520	112 416	145 215	143 598	163 787	167 234	184 368	189 287	211 283	277 859
Indonesia	2 113	1 025	142	287		6 934	9 041	8 772	12 292	13 130	15 177	16 112	30 014	41 831	26 670	16	121	1 045	1 257	626	9 507
Iran (Islamic Republic of)	21	112	94	24	20	50	80	45	15	34	350	628	1 230	2 699	3 327	6 123	7 829	11 519	13 178	15 055	29 956
Iraq		2 922	407	466	1 366	578	1 247	483	534	767	1 601	2 309	122	368	200	316	798	2 768	8 518	4 001	2 584
Ireland	131	142		179	252	459	261	436	353	869	860	843	803	2 217	1 170	1 717	1 482	3 689	3 061	1 728	1 073
Israel	550	570	452	336	83	88	126	57	52	138	99	35	155	260	11	96	73	24	7	78	62
Italy	1 953		2 543	3 797	3 632	3 364	3 895	14 359	13 360	4 246	7 055	19 356	16 992	6 524	9 535	30 325	17 154	15 678	12 493	25 759	16 377
Jamaica	2	7	23	12	1	4	22	7	5	1	0	17	3	0	7	20	19	5	27	65	373
Japan	11 740	3 804	3 787		42		183			131		821	583	229	499	909	1 037	938	1 114	2 459	2 532
Jordan	2	3	5	1	3	4	6	4	2	10	16	2	4	12	38	13	36	35	101	85	106
Kazakhstan	30	71	87	56	66	268	249	504	685	665	1 117	562	395								
Kenya	300	285	424	180	290	63		58				136 907	7 404	9 035	422	11 991	30 590	17 949	46 187	66 617	78 497
Kingdom of Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20	1	7	15	33	22
Kiribati	0	0	0	11	202	466	335	68	169	13	63	143	830	0	0	22	104	188	1	0	19
Kuwait			43	7	20	137	10	46	5	28	78	1	25	11	163	114	42	22	14	354	96
Kyrgyzstan	32	136	34	107	131	99	160	106	155	299	371	190	237								
Lao People's Democratic Republic		111	80	133	49	90	264	106	900	104	233	2 227	856	271	2 523	980	286	2 881	1 813	652	396
Latvia	159	160	135	55	149	152	39	58	137	115	106	208	129								
Lebanon	51	7	1	19	8	14	8	4	1	14	6									296	
Lesotho	0	0	0	0	0	0	0	0	0	0	0	0	34	49	48	36	287	186	565	632	554

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Reference Pertussis incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia	379	131	281	394	1 114		104			432				7	4 561	5	15	32	8	15	48
Libyan Arab Jamahiriya	21	10			18	2			14	15	81	108	43	53	15	77	157	158	39	30	87
Lithuania	23	162	91	80	96	150	57	104	232	254	301	350									
Luxembourg			0			0	1	1	0	4	1	2	3	22	2	0	6	17	6	20	21
Madagascar	2 428	104	3 880	3 244	1 168	807	1 263	1 565					1 333	1 689	2 426	4 436	5 449	12 515	9 958	20 891	43 365
Malawi	0	0	365		0		0	0	0	0		30				35 938	24 902	25 712	14 374	19 211	26 921
Malaysia	6	26	42	17	6	3	7	8	12	15	25	20	24	25	27	121	68	150	57	86	126
Maldives		0			0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Mali	8	15	0	19			158	162				230	430	1 047	1 919	2 655	4 864	4 165	1 738	2 234	3 003
Malta	4	1	3	60	4	12	10	59	36	1	2	251	106	3	9	7	210	140	4	15	144
Marshall Islands	0	0	0	0	0	0	0	0	0	7	2	0	3	0	0	0	0	0	449	0	0
Mauritania												1 047	383	5 032	761	737	2 223	5 958	8 130	3 797	2 327
Mauritius		0	0	0			0					0	12	0	0	0	0	0	0	3	0
Mexico		218	53	51	188	593	32	15	599	149	1	163	1 078	1 978	693	763	1 268	2 608	1 753	1 227	2 000
Micronesia (Federated States of)		0	9	49	15	0	0	0	0	17	0	0	0	0	0	180					
Monaco													0	0	0	0	0	0	0	0	0
Mongolia	2	0	0	2	4	1	1	4	5	28	0	1	3	0	0	0	5	0	3	19	3
Morocco	27	74	22	20	58	46	50	37	132	73	43	133	83	62	113	1 078	1 163	1 762	5 101	8 142	12 330
Mozambique	11	599	94	82	57	345	252		211	964	564	240	451	726	459	633	741	1 201			
Myanmar	61		55	34	46	120	331	871	551	1 592	1 486	2 455	7 882	3 819	2 547	5 757	9 783	10 238	11 747	22 215	41 765
Namibia	10	45	30	17	163	221	82				4 853										
Nauru	0	0	0	0		0	0	0					166	0	0	0	0	0	0	0	0
Nepal	4 683	5 908	6 021		14 339	12 443	11 683	12 166	5	2	8	15	18	18	13	32	25	102	160	2 004	1 788
Netherlands	5 880		4 836	6 279	2 252	3 947	2 778	319	536	294	169	164	471	434	127	2 709	2 159	1 522	534	200	80
New Zealand	1 068	4 143	4 143	1 046	153	284		10	35	48	80	221	91						0	0	0
Nicaragua	0	0	11	27	6	84	14	8	5	47	346	0	0	0	63	257	458	150	60	68	394
Niger	2 613	2 709	5 585	2 446	2 619	3 190		2 967				671	3 102	4 284	3 622	4 626	8 213	5 261	6 276	7 175	3 920
Nigeria	11 894	34 517	38 910		25 057		24 766		22 275	23 800	22 164	18 685	42 929	33 555	34 920	51 316	42 193	92 266	62 751	70 024	77 830
Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norway	3 170	2 574	3 417			1 835	87	71	107	17	124	140	208	225	297	653	789	1 227	1 375	2 969	2 110
Oman	96	54	190	205	484	694	73	108	168	233	45	26	49	25	16	5	207	765	850	2 605	2 776
Pakistan	233	109	160	222	103	238	201	180	411	473	276	140	24 545	1 324	62 382	47 676	53 835	55 659	38 677	51 680	50 932

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Reference Pertussis incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama	88	7	66	212	226	109	44	3	192	209	26	107	19	34	29	45	40	92	161	229	79
Papua New Guinea	5 002	2 099	2 280	4 773	550	2 871	1 274	2 814	2 031	2 369	2 042	775	2 084	2 380	2 452	1 560	2 487	1 757	1 337	2 656	1 422
Paraguay	36	65	24	29	36	40	40	13	49	272	372	118	115	291	886	251	111	363	795	361	412
Peru	54	24	68	2 388	2 490	989	355	872	3 123	1 013	369	470	1 134	1 714	1 553	2 344	2 796	7 226	7 145	7 164	8 238
Philippines	8	16	23	4	0	24		22	26	19	5 128	3 377	4 135	9 466	7 814	8 856	16 139	19 628	21 479	17 380	15 879
Poland	1 788	2 411	2 269	876	2 871	2 082	330	549	697	314	590	302	292	107	174	295	122	304	326	185	452
Portugal	2		22	12	9	11	16	19	19	26	20	50	101	274	49	190	326	54	62	124	59
Qatar	8	4	1		0	3	2	0	1	2	2	3	18	25	50	140	134	129	201	547	20
Republic of Korea	10	9	28		9	13	3	3	39			174	168	168	565	808	188	479	1 854	443	700
Republic of Moldova	5	210	169	38	182	327	78	123	871	831	526	442	266								
Romania	90	209	493	82	97	263	927	510	732	1 551	822	2 463	817	696	1 675	4 762	1 841	1 810	5 896	4 346	6 566
Russian Federation	5 455	12 073	29 983	22 222	28 045	27 202	13 842	20 626	48 614	39 439	24 004	30 876	24 960								
Rwanda	0	23	0	561			0					110	177	94	268	1 001	1 802	1 573	2 053	5 421	11 857
Saint Kitts and Nevis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	8
Saint Vincent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0
Samoa					0	0	0	0	0	0	3	0	0	9	0	0	0	0	0	0	66
San Marino			0	0		0				3		0									5
Sao Tome and Principe	0	0	0	0		0	0					135			1	36	96	18	468	7	53
Saudi Arabia	42	35		11	85	80	56	33	14	45	94	41	112	117	315	246	248	1 395	1 730	1 202	1 630
Senegal	0		0	30		0			509	1 518	541	375	1 041	1 523	258					16 033	22 590
Serbia and Montenegro	72	7	24	40	116	218	270	446	458	467	236	1 070	1 440	1 473	1 712	4 610	2 978	3 744	4 666	5 550	5 321
Seychelles	0	0		0	0	0	0	0					2	0	0	0	0	0	1	2	39
Sierra Leone			0			0									10	228	123	1 637	1 573	1 732	1 425
Singapore	0	1	2	1	1	0		1	2	1	14	5	8	1	11	9	9	0	1	7	7
Slovakia	36	3	43	108	8	55	74	10	56	353	44	54	194								
Slovenia	29	77		23	25	81	65	35	97	65	29	53									
Solomon Islands	0	61			32	0	10	2	51	196	616	72	27	766	0	0	0	3	0	0	0
Somalia				24	792									906	348	197	39	62	439	668	
South Africa	5	24	8	34	39	23	14														
Spain	345		921	417	315	1 134	3 577	3 741	5 021	6 229	11 518	8 365	10 075	33 217	14 506	26 958	55 846	60 564	35 967	36 164	50 463

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Reference Pertussis incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	16	52	194	112	135	229	33	64	5	18	6	25	271	61	25	31	157	536	274	244	296
Sudan	213	645	80	51	169	418	133	1 496	127	264	271	312	566	521	327	1 115	20 010	10 314	1 365	862	43 905
Suriname	0	5	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	12
Swaziland	0	0	0	0	0	13	11	4	31	38	34	72	20	27	97	294	756	673	533	1 294	808
Sweden	1 350	979	2 705			2 490	8 473	10 655	13 187	11 542	9 782	11 432	10 697	10 969	12 777	6 747	5 746	10 839	4 743	9 778	4 787
Switzerland		6 000		11 000	13 000	13 000	11 500	20 000	26 000	5 000	5 000										
Syrian Arab Republic	476	240	124	183	313	925	934	961	212	51	109	103	39	69	30	166	255	286	214	485	188
Tajikistan	53	24	13	80	66	284	86	192	662	1 094	1 115	581	935								
Thailand		72	93	43	101	110		117	150	395	414	295	487	1 230	1 663	1 467	1 855	2 533	4 060	4 846	3 448
T.F.Y.R. Macedonia	4	5	21	10		32	20	27	53	38	46	84									
Timor-Leste	0																				
Togo	177	628	115	241	491	14	112	60	134	191		362	431	576	1 132	2 149	1 408	2 440	3 687	2 628	4 253
Tonga	2	1	0	0	0	0	0	0	0	0	0	0	3	1	0	0	1	2	4	50	526
Trinidad and Tobago	0	0	0	0	1	1	0	0	5	5	4	4	9	7	11	12	15	9	22	0	3
Tunisia	1	0	1	1	2	5	3	5	3	30	53	8	68	10	115	123	280	482			748
Turkey	193	182	510	222	429	694	672	347	442	692	712	289	454	411	207	279	1 048	2 678	3 145	5 706	5 063
Turkmenistan	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
Uganda				0	0								913	9 740	858					6 064	1 376
Ukraine	411	2 210	2 243	1 179	1 763	2 266	1 220	1 205	3 374	6 939	3 363	3 861	4 189								
United Arab Emirates	18	7	37	19	28	16	19	29	43	23	32	69	96	58	73	90	157	49	122	74	239
United Kingdom	1 054	1 049	866		0	3 669	2 724	2 399	4 837	4 718	2 750	6 282	16 605	12 305	5 473	16 791	39 939	24 244	6 419	21 589	70 928
United Republic of Tanzania	1	0										45	243	9 236	630	784	2 541	2 135	839	2 016	2 125
United States of America	8 296	5 396	7 122	7 298	6 279	5 461	7 796	4 315	4 617	6 586	4 083	2 719	4 570	4 157	3 450	2 823	4 195	3 589	2 276	2 463	1 895
Uruguay	5	6	0	3	1	12	17	69	11	17	42	42	161	40	25	384	1 095	503	88	133	761
Uzbekistan	78	57	77	54	32	197	197	266	357	525	1 502	902	713								
Vanuatu	6		36	6		51	6	0	0	161	161	0	3	39	66	37	138	1 881	238	29	45
Venezuela	372	474	555	502	609	973	443	510	808	556	409	1 389	1 389	634	465	915	3 088	4 109	1 939	3 667	4 034
Viet Nam	662	1 242	1 426	903	1 182	1 565	1 537	2 444	3 477	2 507	4 428	4 669	4 095	11 281	21 672	30 498	43 981	44 011	49 575	85 023	59 840
Yemen								184	25		1 556			32 336	6 358	5 005	11 205	17 506	22 581	28 527	27 702
Zambia	595	953	0	1 051		0							200	146	139	172	1 134	1 303	3 896	8 105	29 958
Zimbabwe	0	0	8	30	0	36	20	34	142	211		595	491	728	839	2 631	1 961	2 154	1 765	1 511	2 594

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Reference Polio incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	10	11	120	150	59	19		0				2	48	55	307	628	1 843	1 981	552	1 991	1 390
Albania	0	0	0	0	0	0	138	0	0	1	0	1	0	0	0	0	0	1	0	0	0
Algeria	0	1	0	10	0	0	7	4	4	1	1	0	2	18	9	35	29	66	108	132	71
Andorra			0																		
Angola	0	1	115	1 103	7	15	81	152	54	149	0	0		0	0	15	37	14	3	0	6
Antigua and Barbuda	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	0	0	0	0	0	0	0	0	2	1	26	12
Armenia	0	0	0	0	0	0	0	3	5	0	1	3									
Australia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Austria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Azerbaijan	0	0	0	0	0	0	0	5	16	69	22	21									
Bahamas		0																			
Bangladesh	0	0	198	393	299	173	97	49	289	233	209	287	374	449	540	102	158	89	128	128	319
Barbados		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belarus	0	0	0	0	0	0	0	0	2	1	1	0									
Belgium	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Belize	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Benin	0	0	1	37	8	3	6	7	57	17	89	18	81	55	31	74	95	89	52	59	138
Bhutan		0	0	0	2	0	0	0	0	0	0	0	0	0	36	0	6	2	7	0	0
Bolivia	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	7	4	0	0	7	10
Bosnia and Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0									
Botswana	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0	1	2	3	5	2	4
Brazil	0	0	0	0	0	0	0	0	0	0	0	0	0	25	107	197	612	329	82	45	69
Brunei Darussalam		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bulgaria	0	3	0	0	0	0	0	0	0	0	0	46	0	1	0	0	0	0	1	1	1
Burkina Faso	1	0	0	5	0	3	0	12	5	3	4	15	18	44	21	50	95	123	105	132	120
Burundi	0	0	0	1	0	0	27	10	43	5	13	7	10	22	12	9	22	25	46	37	32
Cambodia	0	0	0	0	0	8	84	130	297	135	146	84	63	179	104	306	628	931	974	130	815
Cameroon	0	0	0	1	16	21	51	8	12	30	37	75	38	43	123	55	107	134	137	151	230
Canada	0		0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	1	0	0
Cape Verde	0	0	56	0	0	0	0	0	0	0	0	0	0	0	2	3	6	6	3	48	2
Central African Republic	0	0	3	18	6	10	3	4	32	11	2	10	28	43	54	52	95	63	176	70	69

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Reference Polio incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Chad	0	0	60	110	4	326	93	192	0	0	0	0	0	0	0	9	45	9	24			
Chile																						
China	0	0	0	1	0	0	3	165	261	653	1 191	1 926	5 065	4 623	667	969	1 844	1 637	1 626	3 296	7 741	
Colombia	0	0	0	0	0	0	0	0	0	0	0	8	4	14	33	117	66	5	16	64	141	
Comoros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Congo	0	0	47	10	0	0	0	0	0	0	0	0	0	0	1	1	12	6	12	16	9	
Cook Islands	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	
Côte d'Ivoire	0	1	1	9	38	6	3	117	2				28	19	33	24	30	18	2	4	22	
Croatia	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	
Cyprus	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
Czech Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D.P.R. Korea	0	0	0	0	0	0	6	7	0	0	0	0	0	0	8	38	0	0	0	0	0	
Democratic Republic of the Congo	0	0	603	45	10	82	219	735	99	33	10	19		21	72	89	135	98	132	194	363	
Denmark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
Djibouti	0	0	0	1	0	0	0	0	0	0	3	0	7	10	3	1			175		35	
Dominica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dominican Republic	0	3	11	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	7	70	
Ecuador	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	12	20	0	0	5	11	
Egypt	7	5	4	9	35	14	100	71	120	150	584	625	565	474	550	629	416	564	720	1 019	2 153	
El Salvador	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	57	12	28	56	88	18	
Equatorial Guinea	0	0	0	1		0	0	0	0	0	1	8	0	0	0	11	1	2	17			
Eritrea	0	0	8	7	0	41	0	10	23													
Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ethiopia	0	1	152	131	55	19	264	199	56	104	126	117	81	102	132	385	283	92	131	127	153	
Fiji	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	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	
France	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	1	2	1	5	3	14	
Gabon	0	0	0	0			28	9					2	13	3	16	10	42	27	7	36	
Gambia	0	0	6	0	0	1	0	0	0	0	4	1	1	6	5	27	341	2	0	0	0	
Georgia	0	1	0	0	0	0	0	0	0	0	0	6										

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





Reference Polio incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Germany	0	0	0	0	0	0	0	0	0	0	2	3	1	1	0	0	2	0	2	9	7
Ghana	0	0	104	3	112	17	8	34	37	19	47	31	60	113	60	84	63	185	155	157	132
Greece	0	0	0	0	0	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	4
Grenada	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	3	2	38	16	33	29	17	208	136
Guinea	0	0	0	22	4	2	17	54	46	15	59	190	155	85	255	21	8	21	30	2	74
Guinea-Bissau	0	0	0	0	0	1	0	0	0	0	0	0	2	0	5	9	14	22	3	2	159
Guyana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haiti	0	7	1	0	0	0	0	0	0	0	0	0	0	2	9	12	6	82	63	126	35
Honduras	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	13	6	4	58	8	8
Hungary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Iceland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
India	1 600	268	265	2 817	4 322	2 275	1 005	3 263	4 791	4 237	9 395	5 896	10 408	13 915	23 800	28 264	20 150	22 570	23 107	24 663	26 297
Indonesia	0	0	35	39	49	293	77	12	10	10	79	211	465	607	773	1 157	24	88	127	57	218
Iran (Islamic Republic of)	0	0	3	3	4	13	12	101	93	107	44	55	15	13	36	31	70	53	100	105	191
Iraq	0	0	4	88	37	28	21	34	63	75	120	186	56	10	69	45	80	198	223	152	419
Ireland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Israel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2	0	2	1	4	5
Italy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3
Jamaica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Japan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Jordan	0	0	0	0	0	0	0	0	4	0	18	14	0	0	2	0	2	1	1	2	2
Kazakhstan	0	0	0	0	0	0	0	2	3	1	6	5									
Kenya	0	0	0	158	109	14	0	12	108	2	0	10	1 528	1 559	1 688	9	133	368	115	197	254
Kingdom of Bahrain	0	0	0	0	0	0	0	0	0	2	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
Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	6
Kyrgyzstan	0	0	0	0	0	0	0	0	0	0	5	4									
Lao People's Democratic Republic	0	0	0	0	0	0	21	8	6	7	7	2	18	91	154	480	182	523	13	24	46
Latvia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lebanon	0	0	0	0	0	0	0	0	2	0	0	5	2		0	0	2	3	3	40	
Lesotho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	21	29	30	16	19

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

Reference Polio incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia	0	0	0	42	0	0	2	0	6	3	0			12	6	4	6	2	4	2	4
Libyan Arab Jamahiriya	0	0	0	0	0	0	0	0	0	0	0	6	5	4	10	28	25	2	8	29	174
Lithuania	0	0	0	0	0	0	0	0	0	0	0	0									
Luxembourg			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Madagascar	0	0	0	0	6	10	1	0	11	19	17	13	39	32	42	27	38	21	23	73	44
Malawi	0	0	0	0	5	2	0	0	0	0	0	3	3	4	11	31	73	86	25	11	39
Malaysia	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	4	4	2	5
Maldives			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mali	0	0	0	22	14	2	15	26	19	26	63	145	63	178	121	170	302	271	83	57	112
Malta	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	1	0	0	0	0	0
Mauritania	0	1	0	7	0	5	0	5	14	16	25	52	7	19	17	69	101	141	78	55	18
Mauritius		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0	0	0	0	0	7	27	23	77	66	148	137	232	98
Micronesia (Federated States of)		0	0	0	0	0	0	0	0	0	0	0	0	0		0					
Monaco	0		0	0		0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Mongolia	0	0	0	0	0	0	0	0	0	3	1	1	0	0	1		7	2	7	15	74
Morocco	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	9	12	15	22	49	89
Mozambique		0	2	0	7	4	0	0	0	1	3	3	1	0	7	1	7	26	31	28	47
Myanmar		0	44	50	41	55	8	18	27	52	47	58	47	50	60	67	91	109	166	215	304
Namibia		0	0	3	2	2	8	15	4	53	0	0	0	1							
Nauru		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0
Nepal	0	0	29	42	31	12	9	9	2	2	3	12	6	34	9	7	10	30	76	66	66
Netherlands	0	0	0	0	0	0	0	0	0	7	64	0	0	0	0	0	0	0	1	1	0
New Zealand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nicaragua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niger	3	6	33	56	8	56	40	40	62	41	40	57	32	19	33	24	30	146	184	201	175
Nigeria	202	56	638	981	312	383	942	439	502	1 083	957	842	1 873	455	1 460	606	453	959	625	392	395
Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Oman	0	0	0	0	0	0	0	0	0	2	0	4	0	5	118	6	9	33	30	38	81
Pakistan	90	116	199	558	341	1 147	341	508	527	1 803	1 046	1 147	777	811	935	1 214	643	2 159	595	901	3 506

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





Reference Polio incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Papua New Guinea	0	0	0	0	0	0	4	1	2	0	0	0	9	26	18	4	24	9	18	8	18
Paraguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	2	12	74
Peru	0	0	0	0	0	0	0	0	0	0	0	1	3	16	55	44	39	67	129	221	215
Philippines	0	3	0	0	0	0	80	40	11	15	14	11	85	139	344	327	375	557	428	355	440
Poland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	6
Portugal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Qatar	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	3
Republic of Korea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Republic of Moldova	0	0	0	0	0	0	1	0	0	1	1	3									
Romania	0	0	0	0	0	0	0	5	8	10	18	30	5	5	0	0	0	0	15	18	39
Russian Federation	0	0	0	0	0	0	3	154	8	3	10	17									
Rwanda	0	0	0	29	0	0	0	1	0	4	2	0	0	7	9	17	28	7	13	23	21
Saint Kitts and Nevis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Vincent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Samoa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Marino			0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0
Sao Tome and Principe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	9
Saudi Arabia	0	0	0	0	1	0	0	4	6	2	2	1	5	3	3	4	12	28	102	107	99
Senegal		0	0	0	10	5	1	1	2	2	9	8	3	10	18	80	272	87	98	185	156
Serbia and Montenegro	0	0	0	0	0	0	24	3	1	6	9	6	3	2	0	0	3	1	2	12	6
Seychelles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sierra Leone	0	0	34	14	3	0		0	7	5	5	57	38	133	4	12	14	45	42	51	33
Singapore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1
Slovakia	0	0	0	0	0	0	0	0	0	0	0	0									
Slovenia	0	0	0	0	0	0	0	0	0	0	0	0									
Solomon Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Somalia	3	7	96	19	12	1								155	54	53	1	6	19	70	
South Africa	0	0	0	4	104	0	0	0	0	0	0	0	5	14	174	25	41	72	71	92	481
Spain	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	0	6	2	27	21

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

Reference Polio incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	0	0	0	0	0	0	0	0	0	15	12	1	9	4	16	96	9	11	16	57	84
Sudan	0	1	79	60	50	33	51	22	25	252	10	27	4	51	93	99	162	171	78	109	88
Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Swaziland	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	10	13	26	29	17
Sweden	0	0	0	0	0	0	0	0	0	0	1	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	1	0	1
Syrian Arab Republic	0	0	0	1	0	0	0	4	2	0	22	24	13	13	34	39	40	25	29	43	262
Tajikistan	0	0	0	0	0	1	0	0	26	14	5	115									
Thailand	0	0	20	24	31	19	1	2	1	7	9	5	4	19	11	25	94	65	81	144	276
T.F.Y.R. Macedonia	0	0	0	0	0	0	0	0	0	0	0	0	0								
Timor-Leste	0																				
Togo	0	0	0	1	5	2	2	5	6	2	12	21	20	8	25	87	46	69	62	62	158
Tonga	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
Tunisia	0	0	0	0	0	0	0	0	0	0	4	3	0	0	2	23	11	19	22	4	6
Turkey	0	0	0	0	26	6	19	32	32	24	0	0	0	0	0	7	32	88	83	165	219
Turkmenistan	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
Uganda	0	0	0	0	46	35	121	100	355	15	15	22	28	8	15				16	126	17
Ukraine	0	0	0	0	0	0	1	1	14	5	12	3									
United Arab Emirates	0	0	0	0	0	0	0	0	0	0	2	0	0	0	9	6	7	7	21	13	58
United Kingdom	0	0	0	0	0	0	0	0	0	1	3	5	0	0	0	0	0	2	6	5	3
United Republic of Tanzania	0	0	0	0	66	10	9		9	1	9	4	3	3	4	578	230	340	108	101	26
United States of America	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	8	15	8
Uruguay	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	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	2
Venezuela	0	0	0	0	0	0	0	0	0	0	0	0	0	16	17	46	27	8	9	9	30
Viet Nam	0	0	0	0	0	1	2	137	121	452	557	612	723	427	839	1 449	938	1 600	1 158	1 109	897
Yemen	0	0	0	25	16	0	7	45	173	58	45	27		701	114	179	601	336	767	633	235
Zambia	2	3	0	29		5	0	6	14	370	5		79	47	85	69	134	128	177	182	243
Zimbabwe	0	0	0	2	17	3	1	1	5	0	0	0	0	1	4	5	92	69	4	3	9

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Reference Total tetanus incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	975			221	383							3	131	51	951	168	698	2 829	355	912	1 481
Albania	1	2	2	0		3	2	18	14	18	7	8	15	3	5	6	5	4	2	4	1
Algeria		20		24	25	31	26		18	57	44	42	38	63	50	415	129	343	74	79	100
Andorra		0				0															
Angola	964				279					783		1 324	1 826	2 701	1 631	778	129	893	1 320	1 115	1 398
Antigua and Barbuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Argentina		11	12	18	22	24	41	43	43	32	41	56	49	88	81	76	71	76	171	141	168
Armenia	1	3	1	0	2	1	7	0	2	1	2	1									
Australia	2	3	7	3	7	7		5	15	10	14	7	6	11	5	5	5	11	7	10	12
Austria		0																			
Azerbaijan	0	1	3	1	3	5	5	18	20	11	11	11									
Bahamas	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	6	1	0	2
Bangladesh	1 036	1 221	1 155	1 814	1 991	3 129		3 114	3 304	3 130	3 780	2 666	2 511	7 993	2 067	201	899	363	2 012	6 996	2 251
Barbados	0	0	1	0	0	0	1	0	0	2	1	4	5	2	1	3	3	2	10	6	5
Belarus	4	2	1	3	2	4	3	2	12	6	9	5									
Belgium	1	3			0	1	3	3	0	0	2	2	2	1	0	0	5	1	2	2	10
Belize	0	0	0	1	1	2	0	0	0	0	1	1	0	0	0	0	0	2	0	2	7
Benin			288	296	15		72	184						266	371	441	388	636	448	449	445
Bhutan		0	2	68	0	0		0	1	0	0	4	0	81	9	3	107	34	77	1	1
Bolivia	3	3	8	1	6	18	22	28	21	21	42	53	46	116	97	104	39	57	43	91	91
Bosnia and Herzegovina	0	0	0	5	3	0		0	0	1	2	1									
Botswana	0	0	0	0		0					0	0	2	1	1	3		2	3	8	13
Brazil	268	129	346	629	750	58	815	913	1 049	1 282	1 321	1 441	1 547	1 720	1 852	1 852	2 569	2 623	2 800	2 858	2 810
Brunei Darussalam			0	0	0	1				1	0		0	0	1	0	1	0	0	0	1
Bulgaria	2	4	3		0	5	4	7	8	6	12	7	7	6	4	5	8	12	13	26	27
Burkina Faso	4	12	33	31			28	48	53	53	72	181	50	207	299	636	799	602	657	744	748
Burundi	71			59	68			35	20	124	33	66	65	140	9	194	209	256	278	290	263
Cambodia	966	913	169	425	321	238	605	430		145	84	163	219	272	259	415	581	1 169	827	147	2 337
Cameroon			0			0							128			879	1 084	893	1 050	3	26
Canada	0	6	1	1	1	4	3	6	3	6	4	2	3	2	3	7	4	9	2	8	10
Cape Verde	1	1	2	1	7	2		14	10	26	2	3	8	2	14	9				18	34
Central African Republic			37			0		87				34	34	57	45	96	67	124	145	201	137

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Reference Total tetanus incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad					1 110	930				1 073	1 086	1 094	1 603	1 533	1 618	1 646	462	217	316	1 977	127
Chile	6	11	5	15	15	6	17	11	11	18	15	15	22	19	17	13	19	26	23	34	36
China																					
Colombia	37	25	27	11	12	21	23	85	58	14	52	152	167	215	251	452	249	517	621	688	768
Comoros	0			2	0	0	1			0	0	0			13						
Congo	8					0	0	0				26	27	39	53	42	74	250	144	23	31
Cook Islands	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
Costa Rica	1	1	1	1	1	2	3	6	3	0	2	1	2	2	4	7	3	6	7	7	16
Côte d'Ivoire	0					515	219				455		384								
Croatia	8	14	18	13	8	10	11	17	19	11	8	17									
Cuba	3	2	1	2	4	1	4	5	6	2	5	4	7	7	5	6	14	7	14	24	21
Cyprus	1		0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	2
Czech Republic	0	3	1	0	1	2	0	2	3	2	1	1									
D.P.R. Korea	0			0	0	0	3	2	2	3	3	1		1	24	123	570	804	982	0	1 688
Democratic Republic of the Congo	4 763	1 369	77											135	178	235	198	262	268	400	495
Denmark	0	1	1			2	0	4	0	1	1	0	2	5	2	4	3	1	0	2	5
Djibouti	1	0	0	0	0		6	0		3	1	2	2	6	95	0			28		10
Dominica	1	0	0	0	0	0	0	0		0	0	1	0	0	1	1	0	0	0	2	0
Dominican Republic	59	37	25	36	12	27	27	52	52	68	58	54	56	53	104	176	45	91	90	107	100
Ecuador	40	36	28	43	24	68	88	158	140	162	129	125	169	199	257	186	162	186	98	97	70
Egypt	673	732	597	996	1 198	1 425	1 390	1 097	1 636	2 253	2 827	4 228	4 952	7 194	8 624	9 287	9 995	9 286	8 559	10 381	8 393
El Salvador	1	7	13	7	12	4	10	13	10	10	30				50	40	43	30	62	44	46
Equatorial Guinea	0	2				0	2									1	2		28		
Eritrea	10	9	11	21	3	0	0	1													
Estonia	0	1	1	1	1	2	1	5	2	1	1	1									
Ethiopia				480	365		293	235					140	456	210	704	738	649	711	816	2 724
Fiji	0	2				0	0	0		0			1	3	1	1	2	1	1	0	1
Finland						0	1	0	0	2	2	2	0	0	0		0	5	6	11	11
France	17		26			19	39	24	40	61	55	43	33	63	72	106	88	124	114	120	142
Gabon	0	14				0	0			17	19		22	34	21	26	23	42	20	59	290
Gambia	3	0	0	1														889			
Georgia	13	8	6	3	5	6	5	3	0	5	3	2									

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Reference Total tetanus incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Germany			8		7	11	17	11	14	16	14	16	18	13	16	15	28	18	21	22	25
Ghana	213	233	219	185			374		404	522	536	559	660	705	619	1 059	736	754	600	731	896
Greece	3	4	16			2	7	4	5	4	3	5	16	5	2	3	4	9	32	25	31
Grenada	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	5	2	1	0	3
Guatemala	6	7	11	2	3	5	2	8	6	12	32	7	41	64	67	78	64	101	113	87	85
Guinea	518	332	158	174	180	111	125						524	428	234	682	568	108	289	483	740
Guinea-Bissau	24	49		21		7	4					54	31	109	81	143	254	229	324	289	203
Guyana	0	0	0	0	0	5	2	0			0	0	0	0	6	2	4	7	7	4	8
Haiti	27					0							0	0	0	407	122	318	262	245	223
Honduras	19	17	9	16	18	11	20	7	29	14	28	22	62	37	32	50	71	47	46	25	31
Hungary	5	8	10		12	12	11	14	17	23	14	11	25	17	18	36	31	37	41	31	41
Iceland		0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
India		8 880	6 694	2 125	6 705	7 323			32 551	15 354	11 268	15 036	23 356	24 774	24 343	31 926	32 453	37 647	31 366	34 442	41 726
Indonesia	171		171	1 782		1 886				4 999	5 915	5 739	7 784	6 760	5 325	167	2 800	4 249	4 192	3 277	6 583
Iran (Islamic Republic of)	16	22	27	26	41	23	42	26	43	37	35	14	30	56	101	111	172	236	294	359	302
Iraq				68	12	99	91	99	126	235	331	936		284	372	360	495	1 398	1 370	828	1 061
Ireland	0	3				0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Israel	2	0	1		1	1	3	1	1	2	0	5	0	1	3	1	1	3	2	2	3
Italy	67		98		99	103	105	136	103	90	92	88	123	105	119	100	117	160	154	188	193
Jamaica	5	9	5	6	8	6	13	9	6	6	5	13	6	1	6	3	17	19	4	0	11
Japan	80	91	90		47		44			33		34	47	42	53	50	62	43	42	56	36
Jordan	3	4	3	3	1	2	2	4	7	8	8	6	9	11	6	9	13	11	28	29	31
Kazakhstan	3	8	8	7	3	5	15	14	8	11	11	16									
Kenya	25		628		339	0					914	933	1 692	1 048	1 441	338	103	884	2 963	1 986	3 402
Kingdom of Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	1	1	4
Kiribati	0	0	0	0	0	16	1	4	32	11	23	2	3	1	2	5	1	10	0	3	3
Kuwait			0	1	1	1	2	1	1	0	1	0	2	1	2	1	2	1	7	4	3
Kyrgyzstan	1	0			0	0	0	2	3	0	3	3									
Lao People's Democratic Republic	19	35	39	27		17	7	7	39	15	16	37	27	44	52	37	43	88	31	233	454
Latvia		1	2	3	1	3	4	0	2	1	2	6									
Lebanon	1	1	2	4	5	4	8	15	5	0	0						0	0	0	2	1
Lesotho	0	0	0	0								0	27	4	18	0	0	0	0	0	0

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Reference Total tetanus incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Liberia		142											228		351						153	185
Libyan Arab Jamahiriya	4	3			10	1			2	2	3	3	1	7	10	12	14	19	20		27	27
Lithuania	1	1	0	6	2	3	2	0	2	4	3	1										
Luxembourg			0			0	1	0	1	0	0	0	0	0	0	1	1	1	0	0	3	0
Madagascar	30	76	54	26	50	86	77	91					105	316	355	288	288	384	596	855	781	781
Malawi		15	1	6	1		1					90				271	424	618	618	353	581	581
Malaysia	6	27	40	26	19	8		12	17	45	42	31	30	59	52	86	51	49	64	36	47	47
Maldives		0			4	0			3	4		0			0	0	0	0	0	0	0	0
Mali	109	101	168	77			33	71		40	311	350	365	617	519	875	787	452	144	288	161	161
Malta	2	1	1	0	0	1	1	1	0	0	0	1	3	2	0	0	1	1	3	5	1	1
Marshall Islands	1	0	0	0	0	0	0					0	0	0	0	0	0	0	0	0	0	0
Mauritania												15	24	70	48	64	129	135	82	16	36	36
Mauritius		1	0	0			0						2	1	0	0	2	4	2	1	17	17
Mexico		101	103	93	148	169	229	195	260	139	170	340	381	285	430	311	359	436	399	339	307	307
Micronesia (Federated States of)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Monaco	0							0	0		0	0	0	0	0	0	0	0	0	0	0	0
Mongolia	2	2	3		1	1	2	6	6	1	2	0	1	1	0	0	1	1	2	3	2	2
Morocco	18	18	7	17	18	24	24	29	35	24	49	75	73	96	132	189	181	171	171	162	161	161
Mozambique	25	61	65	57	61	69	50		81	90	101	132	102	152	137	136	161	170	133	224	305	305
Myanmar	257		312						269	507	740		769	1 375	1 180	1 279	1 466	1 759	2 343	3 225	3 054	3 054
Namibia	10	15	148	17	9								19	29	52							
Nauru	0	0	0	0	0	0		0					0	0	0	0	0	0	0	0	0	0
Nepal	241	440	305	349	556	514	632		4	79	48		35		185	149	235	246			174	174
Netherlands					0	5	1	3	2	2	3	2	2	3	5	2	5	3	1	9	1	1
New Zealand	0	0	0	6	2	0		0	2	2	8	0	0	0	1	4	3	3	7	5	5	5
Nicaragua	9	10	9	5	10	14	10	8	18	1	21	0	0	0	94	44	119	137	194	213	271	271
Niger	204	275	286	201	228	201		220				105	220	230	299	285	222	115	154	210	261	261
Nigeria	3 483	3 587	1 643				2 945		1 083	3 976	3 440	3 392	2 703	2 015	3 883	3 760	2 269	2 679	2 924	2 577	3 479	3 479
Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norway	0	1	0			2	1	2	2	1	4	0	1	1	4	2	1	1	4	3	1	1
Oman	4	3	5	1	5	5	3	8	7	7	10	7	3	11	11	10	24	64	51	90	52	52
Pakistan	1 016	1 184	1 465	1 610	1 957	2 119	2 125	1 687	1 940	1 858	1 875	1 544	4 080	1 494	2 164	3 190	6 137	8 143	5 599	4 880	3 856	3 856

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Reference Total tetanus incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama	2	2	4	4	3	2	3	2	10	8	8	9	10	11	6	14	17	15	18	19	24
Papua New Guinea			138	52	47				182	231	228	124	115	96	146	73	76	61	47	39	40
Paraguay	21	15	13	23	19	30	16	42	36	33	39	45	50	80	64	56	111	136	172	198	190
Peru	56	33	57	70	88	63	57	68	84	98	118	39	124	203	122	271	373	324	606	360	400
Philippines	1 165	1 479	1 135	1 439	648	1 627		1 443	1 998	2 116	710	1 237	2 286	3 102	3 199	2 910	3 381	3 474	3 353	2 912	2 441
Poland	20	21	14	22		37	46	44	54	51	52	58	65	59	67	71	76	86	87	116	122
Portugal	11		15		19	16	24	28	28	26	37	39	34	60	53	57	51	83	50	62	83
Qatar	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	5	3	2	5
Republic of Korea		7	6		3	0	0						0	0	5	3	2	5	5	16	7
Republic of Moldova	0	1	1	0	1	0	1	3	0	2	3	4									
Romania	21	23	14	19	23	17	22	28	25	30	37	23	33	22	29	36	30	23	39	24	42
Russian Federation	31	42	33	49	49	53	69	70	68	96	84	74									
Rwanda	0	27	10	24			1					37	18	40	100	88	82	70	97	85	99
Saint Kitts and Nevis	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Saint Lucia	0	1	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	2	3	2	6
Saint Vincent and the Grenadines	0	0	0	0	1	0	0	0	1	0	0	0	0	3	1	0	0	0	0	0	0
Samoa					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
San Marino			0	0		1				1		0	0	0	0	0	0	0	0	0	0
Sao Tome and Principe	0	0	0	0		4	0							18	13	13	28	20	13	41	19
Saudi Arabia	39	35		19	21	44	40	39	49	55	30	28	33	42	62	54	54	80	79	158	138
Senegal		45	0			0			35		72	61	109	101	115					1 035	704
Serbia and Montenegro	11	14	24	34		21	31	23	28	25	22	34	57	58	71	68	76	74	93	101	113
Seychelles	0	0		0	0	0	0	0					1	0	0	0	0	0	1	3	2
Sierra Leone			36			0						88	103	188		120	64	631	643	713	739
Singapore			0	5		0	0	0			0	0	0	5	5	0	0	0	1	0	0
Slovakia	2	0	0	0	0	0	1	1	1	1	0	0									
Slovenia	5	2		5	3	5	5	8	13	8	9	12									
Solomon Islands	0	0			0	1	7	0	22	33			46	30	20	8	0	0	3	6	5
Somalia					111		102							1 079	238	192	71	262	168	95	
South Africa	38	13	11	4	16	15	21			39	68	93	117	139	177	237	189	251	273	308	250
Spain	20		27			45	45	39	36	49	57	54	54	56	49	65	69	74	89	91	47

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Reference Total tetanus incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	34	75	97	72	76	77		66	5	196	231	188	183	295	219	258	502	481	565	721	795
Sudan	121			66		186	169	161	176	188	292	202	411	402	571	512	3 571	7 130	216	258	5 429
Suriname	5	0	2	0	0	0	4	3	1	0	1	0	40	2	2	2	2	0	7	0	0
Swaziland	0		0	0	0	0	0					2	1	25	595	174	154	230	156	38	378
Sweden	0	1	0			3	3	3	1	1	0	1	1	0	0	1	4	2	1	0	5
Switzerland	0	0			1	2	3	2	3	3	1	4	1	1	3	1	0	0	2	4	1
Syrian Arab Republic	20	23	17	25	36	49	78	135	90	78	89	22	71	113	135	140	192	127	187	113	186
Tajikistan	0	0		0		0	0	1	3	2	1	3									
Thailand		222	220	234	310	340		349	432	502	588	706	813	970	1 131	1 226	1 379	1 455	1 461	1 663	1 871
T.F.Y.R. Macedonia	1	0	0	4		1	2	1	1	2	1	0									
Timor-Leste	0																				
Togo	42																				
Tonga	0	0	0	0	0	0	1	0	0	1	0	0	107	219	262	358	517	273	247	277	252
Trinidad and Tobago	2	1	3	7	2	1	0	1	0	7	8	10	10	10	4	3	12	12	15	15	11
Tunisia	5	7	5	3	3	4	4	8	7	7	13	12	12	15	30	42	34	43	47	44	178
Turkey	48	56	38		60	51	42	63	105	95	110	102	123	141	104	116	160	113	161	162	110
Turkmenistan	1	0	1	0	3	1	1	1	1	1	2	4									
Tuvalu	0	0	0	0		0	0	0	0	0	0	1		0	0	0	0	0	0	0	0
Uganda			710	339				13					288	381	270					575	40
Ukraine	36	34	36	52	41	42	55	72	77	83	99	95									
United Arab Emirates	4	6	6	3	4	0	3	7	8	3	8	3	3	6	12	10	6	8	9	10	19
United Kingdom	7	7	2			9	10	7	4	8	7	8	18	22	23	15	14	12	9	8	20
United Republic of Tanzania												4	28	384	3	35	71	306	158	261	
United States of America	27	27	26	32	34	42		34	51	48	45	57	64	53	53	48	64	83	74	91	88
Uruguay	0	1	0	0	2	1	1	2	2	4	4	5	5	5	2	11	4	10	9	4	15
Uzbekistan	0	0	0	2	1	1	2	3	4	3	12	4		4							
Vanuatu	0	0	0	1		0	0	0	0	3	1	0	0	0	6	1	1	4	5	5	5
Venezuela	29	38	27	46	46	65	65	60	59	92	81	118	99	112	138	156	228	262	245	348	435
Viet Nam	151	177	267	685	401	165	399	464	553	479	338	893	628	1 703	2 158	1 581	1 532	1 658	1 371	1 351	1 371
Yemen									51	100	30			2 428	369	324	543	247	462	433	273
Zambia	157	62	193	261		11		24					57	99	109	156	210	268	213	212	274
Zimbabwe	59	21	28	43	25	68	48					29								90	135

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Reference Yellow fever incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Afghanistan					0																	
Albania	0	0																				
Algeria			0			0			0	0												
Andorra		0																				
Angola	0	0	0			0							0	0	0							
Antigua and Barbuda	0	0	0		0																	
Argentina		0		0																		
Armenia	0	0		0																		
Australia	0	0			0																	
Austria		0																				
Azerbaijan	0	0																				
Bahamas		0			0	0																
Bangladesh																						
Barbados		0	0																			
Belarus	0	0	0																			
Belgium	0	1																				
Belize	0				0																	
Benin	0	0	10	0	6	20	109	47														
Bhutan			0																			
Bolivia	15	4	7	68	57	63	30	15	7	18	22	91	50	107	12	23	26	53	5	11	95	
Bosnia and Herzegovina	0			0	0																	
Botswana	0					0	0															
Brazil	16	0	73	76	34	3	15	4	19	83	12	15	2	9	26	16	9	7	45	6	24	
Brunei Darussalam			0	0	0																	
Bulgaria	0		0																			
Burkina Faso	288	0	0	3	2	0	1	0									7	17	356			
Burundi				0	0	0	260															
Cambodia	0				0																	
Cameroon	0	0				0			10			0	173	0	0					1		
Canada	0		0																			
Cape Verde	0	0	0		0	0																
Central African Republic	0	0	0	0	0	0																

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

Reference Yellow fever incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Chad		0		0		0																
Chile		0	0	0	0	0																
China																						
Colombia	20	4	3	2	1	5	8	3	2	1	2	4	7	1	7	17	6	5	16	1	2	
Comoros				0		0																
Congo		0		0		0	0															
Cook Islands		0	0	0	0	0																
Costa Rica		0	0	0	0	0																
Côte d'Ivoire	158	80		1	0	11	0														25	
Croatia		0	0	0																		
Cuba		0	0	0	0	0																
Cyprus		0	0																			
Czech Republic		0																				
D.P.R. Korea				0																		
Democratic Republic of the Congo		36		0	0	0																
Denmark		0																				
Djibouti		0			0																	
Dominica		0	0																			
Dominican Republic		0	0	0																		
Ecuador	0	8	2	3	4	31	8	1	0	1	16	14	12	0	0	0	0	1	1	5		
Egypt				0	0																	
El Salvador		0	0	0	0	0																
Equatorial Guinea		0				0																
Eritrea						0	0	0														
Estonia		0	0																			
Ethiopia		0	0	0	0	0		0														
Fiji		0	0																			
Finland		0	0																			
France		0																				
Gabon		0	2				0	16	28	0	0											
Gambia		0	0	0		0																
Georgia		0	0																			





Reference Yellow fever incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Germany	0	0	0																			
Ghana	51	0	0	0	0	6	182	0	79	39	0	0	0	0	0					372	6	
Greece	0	0	0																			
Grenada	0	0	0																			
Guatemala	0	0																				
Guinea	39	273	445	0	0	0	0								5							
Guinea-Bissau	0	0		4		0	0															
Guyana		0	0		0	0																
Haiti	0																					
Honduras	0	0	0	0	0	0																
Hungary		0																				
Iceland		0	0																			
Ireland																						
India		0																				
Indonesia																						
Iran (Islamic Republic of)	0	0	0		0																	
Iraq		0																				
Ireland	0	0																				
Israel	0	0	0																			
Italy	0																					
Jamaica	0	0	0		0	0																
Japan	0	0	0		0		0															
Jordan	0	0	0			0																
Kazakhstan	0			0																		
Kenya	0	0	0		0	0	0	11	7	27	27											
Kingdom of Bahrain	0	0	0	0	0																	
Kiribati	0	0	0	0	0	0																
Kuwait			0	0	0																	
Kyrgyzstan	0																					
Lao People's Democratic Republic				0	0																	
Latvia	0	0																				
Lebanon	0	0	0	0	0																	
Lesotho			0																			

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Reference Yellow fever incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia	74	158	137		25	3		360													
Libyan Arab Jamahiriya		0			0																
Lithuania	0	0	0																		
Luxembourg																					
Madagascar	0	0		0		0															
Malawi				0	0	0	0														
Malaysia	0	0	0	0	0																
Maldives		0			0																
Mali	0	0	0	0	0	0	0									305					
Malta	0	0	0																		
Marshall Islands		0	0	0																	
Mauritania	0	0			0	0										21					
Mauritius		0	0	0	0	0	0														
Mexico		0	0		0	0	0														
Micronesia (Federated States of)		0	0	0	0																
Monaco	0																				
Mongolia	0	0	0																		
Morocco			0		0																
Mozambique		0	0			0															
Myanmar		0																			
Namibia		0		0	0	0															
Nauru		0																			
Nepal																					
Netherlands																					
New Zealand	0	0	0	0	0																
Nicaragua	0	0	0	0	0	0															
Niger	0	0	0	0	0	0		0				0		0		0					
Nigeria	0	5	0	0	0	7	0	0	1 227	152	149	2 561	4 075	3 270	5 067	2 676	1 318	6	898	15	
Niue	0	0	0	0	0																
Norway	0	0																			
Oman	0	0	0	0	0																
Pakistan																					





Reference Yellow fever incidence: Reported cases



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Palau	0		0	0	0																	
Panama		0	0		0	0																
Papua New Guinea																						
Paraguay	0	0	0	0	0	0																
Peru	43	30	6	56	165	44	86	499	61	89	67	27	17	120	195	179	118	59	28	27	19	
Philippines				0																		
Poland	0	0	0																			
Portugal	0																					
Qatar	0	0	0	0	0	0																
Republic of Korea		0			0																	
Republic of Moldova		0		0																		
Romania	0	0	0	0																		
Russian Federation	0	0	0																			
Rwanda	0		0	0	0	0	0															
Saint Kitts and Nevis		0	0																			
Saint Lucia	0	0	0																			
Saint Vincent and the Grenadines	0	0	0	0																		
Samoa		0				0																
San Marino																						
Sao Tome and Principe	0	0	0	0		0	0															
Saudi Arabia	0	0	0	0	0	0																
Senegal		18	0	0	0	0				0	0	0										
Serbia and Montenegro	0		0	0																		
Seychelles	0	0	0	0	0	0	0	0														
Sierra Leone	0		1			0		1														
Singapore	0		0	0		0																
Slovakia	0	0																				
Slovenia	0	0																				
Solomon Islands	0	0																				
Somalia																						
South Africa		0	0	0	0	0	0			0	0	0	0	0								
Spain	0		0																			

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

Reference Yellow fever incidence: Reported cases

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	0	0	0		0																
Sudan	0	0																			
Suriname	0	0	0																		
Swaziland				0		0	0	0													
Sweden	0	0	0																		
Switzerland	0	0																			
Syrian Arab Republic			0	0																	
Tajikistan	0	0																			
Thailand			0	0		0															
T.F.Y.R. Macedonia	0	0																			
Timor-Leste	0																				
Togo	0	0	0	0	0	0	0	0							5					1	
Tonga	0	0		0																	
Trinidad and Tobago	0	0	0		0	0															
Tunisia																					
Turkey																					
Turkmenistan	0	0		0																	
Tuvalu				0																	
Uganda			0		0	0															
Ukraine	0	0	0																		
United Arab Emirates	0	0	0	0																	
United Kingdom	0	1	0																		
United Republic of Tanzania	0					0															
United States of America	1	0	0	0	0																
Uruguay	0	0	0	0	0	0	0	0													
Uzbekistan	0	0		0																	
Vanuatu			0	0		0															
Venezuela	0	0	0	1	15	0		2													
Viet Nam			0	0																	
Yemen																					
Zambia			0	0		0															
Zimbabwe						0															





Coverage estimates index



BCG:	R-293
DTP3:	R-299
HepB3	R-305
MCV:	R-309
Pol3:	R-315
PAB:	R-320

Source: The data are reported annually to the WHO by WHO member states.

Reference BCG coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	59	55	38	48	45	55	47		15	44		21	30	38	40	27	18	17	11		
Albania	94	93	93	93	87	94	94	97	87	82	81	80	94	94	92	92	92	92	90		90
Algeria	98	97		97	95	94	94	93	93	87	92	91	65	96		93					
Angola	80	74	56	52	88	70	50	74	48	53	47	53	48	47	32	29	32	28		25	
Antigua and Barbuda													99								
Argentina	99	71	99*	99	92	99	99	99	99	99	99	99	99	94	99	91	89	88	73	61	72
Armenia	97	96	97	93	95	72	82	84	83	84	88	86	82								
Austria														90	90	90	90		90	90	90
Azerbaijan	99	99	99	99	96	94	90	93	50	19	55	53	87								
Bangladesh	95	94	95	94	92	99*	99*	99*	95	93	96	87	91	89	26	15	4	2	2	2	1
Barbados			92										95		75						
Belarus	99	99	99	99	99	98	97	96	94	93	95	94	91	92	93	92	92	93	92		
Belize	97	98	95	96	93	95	90	92	99	94	99	93	86	87	97	92	80	81	82	81	75
Benin	99*	99*	99*	99*	92	89	90	96	93	91	93	81	74	79	50	46	41	27			
Bhutan	83	81	97	85	94	92	98	98	96	83	80	99	87	93	73	67	55	59	47	46	39
Bolivia		94	95	95	85	88	98	87	92	84	81	67	48	28	27	31	15	24	23	27	31
Bosnia and Herzegovina	91	95	93	99*	92	97		64	85	24	20	34									
Botswana	77	72	73	67	66	59	67	64	81	50	50	48	50	48	55	49	68	68	70	84	78
Brazil	99*	90	90	99	99	99	99	99	78	98	90	87	79	70	67	68	65	67	73	56	57
Brunei Darussalam		99	99*	98	96	99				99*	97		95		85	84	85	95	90	99	99
Bulgaria	98	98	97		98	97	98	99	98	99	99	99*	99	99	99	99*	99	99	99		
Burkina Faso	90	80	80	76	77	73	61	78	63	72	66				57	67	52	17			
Burundi	99*	70	80	71	58	71	64	77	62	74	90	93	96	99*		85	68			37	
Cambodia	63	64	81	78	76	82	90	95	78	57	50	56	52	68	58	68					
Cameroon	76	66	69	66	63	53	55	54	53	41	52	48	52	30	26				49	46	
Cape Verde	92	84	92	75	84	80	80	80		99*	99*	99*	97	99*	99*	99*	93	64			
Central African Republic	66	38	47	54	53		94	54	63		47	82	93	86	53	35	37	34	32	29	24
Chad	67	44	50	57	43	45	41	43	43	34	34	40		47	33	32					
Chile	94	99*	97	94	97	98	91	94	91	93	93	91	94	94	98	97	99	90	90	87	94
China	98	77	85	98	96	96	97	92	94	93	94	96	99	98	85	70	79	50	50	34	
Colombia	87	87	86	79	82	88	99	99	99	94	88	95	95	94	99	80	70	76	69	79	66
Comoros	90	90	90		84	55	55	95	94	85	81	71	99	95	72	97	73		56		

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





Reference BCG coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Congo	51	53	50	39		29	58	50		63	75	83	86	83	68	74	86	89	80	90	
Cook Islands	95	99*	99*	74	99	84	90	96	99*	94	94	96	99*	94	90	89	87	99	60	74	
Costa Rica	91	87	92	89	87	82	92	99	94	98	94	81	92	89	86	83	79	82	86	83	81
Côte d'Ivoire	66	72	84		83	73	68	49	44	53	51	65		47							
Croatia	99	97	99	96	97	98	99	99	98	98	92	97									
Cuba		99*	99	99	99	99	93	99	99	97	98	98	98	98	99	96	98	98	97	96	97
Czech Republic	97	99	99	98	98	97	96	95	95	98	98	98									
D.P.R. Korea	97	82	82	82	64		99	99	99	99	99	99	99	99	98	96	53	51	49	52	51
Democratic Republic of the Congo	55	45	57	30	25	25	25	34	38	43		21	46	55	59	57	51	69	62	65	62
Denmark																			85	85	95
Djibouti	52	38	34	26	35	67	58	76	58	51	84	81	95	80	87	42	38	58	66		
Dominica	98	99	99	99	99	99	99		92	99	99	99	99	99	98	98	87	93	84	99	48
Dominican Republic	99*	96	90	90	86	88	79	74	64	86	75	45	68	38	43	80	92	51	43	41	48
Ecuador	99*	99*	99*	99	98	94	99	99	99	99	99	93	99	91	86	85	93	99	99	85	99
Egypt	98	98	98	98	99	98	95	93	95	95	92	92	89	83	80	84	77	80	71		
El Salvador	92	92	99	72	99	93	98	99	82	79	62	67	75	62	56	55	51	50	22	48	46
Equatorial Guinea	91	73	34	48		99	99	99		84	81			49	49		30	28			
Eritrea	75	70	61	64	71	67	52	44	46	37											
Estonia	99	99*	99*	99	95	99	99	99	99	99	98	99	93	99	99	98	96	97	96	97	97
Ethiopia	53	56	51	50	47	52	54	65	46	36	26	29	70	44	27	28	13	11	8	7	6
Fiji	99*	99*			95	95	99*	99*	99*	99*		99*	99*	99*	99*	93	96	99*	94	99	98
Finland	99	99				99	99*	99	99	99	99	99	91	91	99		80			90	90
France	83					84	84	83	81	79	77	78	80	80	79		98		96	81	
Gabon	65	70	48	60		72	90	73	68	97			96	96	95	90	80	50			
Gambia	99	99	97	96	99	99	99*	99	99	98	97	97	98	98	96	97	96	92	98	96	91
Georgia	80	97	95	95	94	76	70	32	30	30	67	91	95	93	93	95	94	95	94	95	93
Ghana	99*	91	95	88	77	72	65	67	61	68	61	56	71	70	37	35	35			31	51
Greece				88		70	70	50	50	65	76	90								56	
Guatemala	96	92	97	93	89	88	77	79	78	69	57	43	62	22	41	34	9	30	33	24	28
Guinea	71	71	71	72	69	69	59	78	78		60	57	50	31			5				
Guinea-Bissau	70	70		25		82	68	92	95	99*	99*	94	90	95	89	97	88	33	42		
Guyana	91	95	93	91	92	94	88	93	94	94	88	92	82	76	64	69	76	98	85	73	78

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Reference BCG coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982		
Haiti	45	49	57	57	52	40		51	39	48	48		72	40	45	45	61	57	71	62	58		
Honduras	94	99	99	93	96	99	99	97	99	95	92	99	70	80	64	66	72	65	41	55	50		
Hungary	99*	99*	99*	99*	99*	99*	99*	99*	99*	99*			99		99	99*			99	99	99		
India	81	73	99*	99	91	99*	98	97	99*	97	96	93	99*	99*	97	95	77	47	37	30	28		
Indonesia	77	80	87	97	98	99	99*	99*	99*	95	97	95	94	85	81	77	66	65	56	58	60		
Iran (Islamic Republic of)	99*	92	99	99	99	91	96	96	99*	99*	99*	91	95	85	88	56	56	79	13	10	10		
Iraq		85	79	85	76	97	99	99	99*	99*	85	79	95	98	87	96	78			62	9		
Ireland				90														80	75	75			
Israel																							
Italy									95			6							50				
Jamaica		96	94	88	87	97	98	98	99	99	85	94	98	99	96	92	73	51	50	56	27		
Japan	96		96							91	93	94	85	85				85	85	91	96		
Jordan	29																						
Kazakhstan	99	95	98	99*	99	99	93	90	86	86	90	87	87										
Kenya	91	94	75	96	85	42	92	92	62	50	46	49	54				80	82					
Kingdom of Bahrain	20	80		72																			
Kiribati	99*	85	80	70	97	99*	99*	47	60	87	79	94	93	99*	98	68		62	54	72	91		
Kuwait																		3	3				
Kyrgyzstan	99	99	96	99	94	97	99*	96	97	95	97	96	98										
Lao People's Democratic Republic	65	60	69	63	56	58	61	59	69	42	34	34	26	29	27	15	10	8	7	7			
Latvia	99*	99*	97	99*	99*	99*	99*	99*	95	91	93	89	93										
Lesotho	61	72		64	55	53	49	48	56	49	57	68	73	80	84	77	73	79	78	98	93		
Liberia	67	77	45	43	28		84	84									41						
Libyan Arab Jamahiriya	99	99		97	97	97	97	99	99	99	99	95	90	90	92	95	92	87	85	84	89		
Lithuania	99	99	99	99	99	98	98	97	96	98	94	87	94	94	94	96	99						
Luxembourg						59	59				50										50		
Madagascar	73	43	99*	90	71	74	87	90	84	77	84	71	98	79	70	54	49	31	28	31	22		
Malawi	78	93	83	87	99*	99*	99	97	98	87	82	78	84	87	72	53	70	72	74	94	93		
Malaysia		99	99*	99*	99*	99*	99*	99*	97	96	99*	98	99	99	99*	90	96	95	95	94	95		
Maldives	98	99*	99	98	99	99	98	99	98	88	99	99	99	98	98	62	27	45	27	27	20		
Mali	94	68	82	84	75	76	76	80	67	77	69	72	82	85	64	21	15						
Malta							96	92	77	77	79	87	77	79	67	79		65	63	63			

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Reference BCG coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Marshall Islands	90	89	89	81	81	94	98	71	96	88	72	71	49								
Mauritania	98	70	48	38		69	93	93	93	84	81	65	79	64	60	77	73				
Mauritius		89	88	86	87	87	86	86	87	87	87	87	87	88	88	87	88	87	88	88	89
Mexico	99	99	99	99	99	99	99	98	98	96	95	68	70	80	73	71	54	16	47	52	50
Micronesia (Federated States of)		39	24	39	52	48		50				50	12	8							
Monaco				99*				90	90		98		99*	99*	99*						
Mongolia	98	98	97	97	95	96	92	94	90	84	87	85	81	92	78	60	54	52	52	52	52
Morocco	90	93	99	93	93	94	96	93	93	91	93	96	96	91	84	87	72	62	70	62	50
Mozambique	99*	97	99*	99*	99	84	83	78	78	66	64	63	59	53	49	52	45	47	49	59	56
Myanmar	80	82	88	88	91	94	92	90	83	80	77	69	67	66	50	54	28	45	36	28	20
Namibia	99*	69	77	80	85	65	79	94	80	92	91	68		90							
Nauru	99*	99*	93	95	89	78		78					93	96	95	93			81		
Nepal	85	85	97	93	86	96	92	76	67	78	82	83	98	86	96	88	66	67	58	53	59
New Zealand													20		10	22	20	20		18	
Nicaragua	84	98	96	99	91	99	99	99	89	94	81	75	84	92	89	87	85	85	86	88	82
Niger	47	49	44	43	83	99*	99*	81	64	68	71	86	82	30	27						
Nigeria	63		34		27	53	43	42	55	40	57	60	80	76	60	37	28	17	12		
Niue	99*	99*	99*	99*	99*	99*	99*	92	99*	99*		99*		99*	99*	99*		41	41		
Norway	91	92				98					99	95								90	
Oman	98	98	98	98	96	96	96	96	96	95	96	94	96	95	96	97	99*	93	79	77	77
Pakistan	82	93	94	99*	97	90	93	69	76	87	91	91	93	80	77	72	69	41	55	35	12
Palau															99*						
Panama	92	78	99*	99	99	99	99	99	95	92	82	87	97	87	91	90	91	94	77	81	83
Papua New Guinea	60	63	24	70	33	67	79	88	91	65	68	97	89	82	80	74	76	66	66	58	49
Paraguay	83	86	69	90	83	87	89	92	94	94	99*	95	92	53	56	66	51	68	80	55	47
Peru	92	88	93	97	96	98	99	96	92	88	85	78	83	62	70	61	54	63	64	61	64
Philippines	75	37	81		87	90	90	91	89	90	94	97	96	96	95	92	69	76	71	69	67
Poland	95	95	96	96		96	96	96	94	95	95	94	97	95	95	95	95	95	95	95	93
Portugal			82		88	87	87	94	87	91	92	89	88	87	86	78	71	82	79	76	76
Qatar	99*	99*	99*	99*	99	99	98	96	96	99	99	98	97	79	72	85	84	76	73	69	44
Republic of Korea	89	57	73		75	91			93				72	70	57	54	47	47	47	84	99
Republic of Moldova	99	98	98	99*	99	99	98	97	96	96	96	98	96	91	96	96	95	95	95	95	91

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Reference BCG coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Romania	99*	99*	99*	99*	99*	99*	99*	99*	99*	99	99	99	90	90		95	93				
Russian Federation	97	97	96	96	95	94	93	92	92	87	86	88	91	92	92	92	91				
Rwanda	99*	74	81	94		79	93	89		82	94	94	57	68	82	89	86	83			
Saint Kitts and Nevis	99	97	99*	99	99	99									75						
Saint Lucia		99*	91	99	85	99	89	98	95	95	99	95	97	99	85	89	73	99*	80	69	60
Saint Vincent and the Grenadines	90	99*	99*	99	99*	98	99	99	99	99	99	99	99	99	95	90	76	84	32		
Samoa	98	98	97	99	99*	99	98	98	97		91	95	97	80	97	98	97	97	97	99	96
Sao Tome and Principe	99*	92	81		80	70	85	95		77	83	99*	99*	88	88	88	99	75	82		
Saudi Arabia	98	95		92	92	91	91	94	94	93	91	85	90					32			56
Senegal	70	89	89	90	81	81	81	91	80	80	80	80	90	90	91						
Serbia and Montenegro	95	67	99*	82		96	97	71	71	68	77	81	76	89	89	87	84	85	84	85	
Seychelles	99*	99		99*	99*	99*	99*	99*	99*		99*		98	99*	94	94	94	95			
Sierra Leone	70	60	39	55	78	38	77	62	56	98	79	71	98		64				80	70	32
Singapore	99	97		98	98	98		97	97	98	99	99	99	99	99	98	99	93	93	83	87
Slovakia	98	93	94	96	93	95	96	92	98	97	91	90	98								
Slovenia		98		96	98	97	98	99	99	99	93	87									
Solomon Islands	76	85		99	72	73	96	77	76	66		83	87	82	79	66	47	50	61	39	36
Somalia	60	70	69	39	57									31	39	33	28	31	17	7	7
South Africa	94	80	99	97			95	95		68	66	63	59	73	55	64	61	70	67	71	
Sri Lanka	99	99*	99*	97	90	96	88	90	86	88	87	88	84	90	81	76	79	71	67	64	65
Sudan	68	71	66	92	80	90	96	86	76	61	60	66	73	50	54	43	22	12	8	5	3
Swaziland	95	95	90	97	99	85	85	99*	99*	98	97	71	96	96	95	94	91	79	73	72	66
Sweden		15	14			13	13	12	12	13	13	9						14	6	31	
Switzerland		21																			
Syrian Arab Republic	99*	99*	99*	99*	99*	99*	99*	99*	99*	91	92	95	92	91	87	99*	99*	48	43	42	33
Tajikistan	98	97	99	98	98	91	86	94	96	69	85	88	84	84							
Thailand	99	99	99	98		99	98	98	80	92	99*	99*	99*	93	79	96	62	60	63	82	85
T.F.Y.R. Macedonia	91	97	97	97	90	97	98	95	90	95											
Timor-Leste	83																				
Togo	81	59	83	63	54	63	44	63	67	73	77	84	99*	99	96	83					
Tonga	99	91	99	99*	99*	99*	99*	99	99	97	96	99*	99		95	93	98	99*	78	83	98
Tunisia	97	97	97	99	91	93	87	89	75	81	86	80	88	82	85	82	83	83	76	81	83

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Reference BCG coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Turkey	77	82	82		77	73	69	68	72	68	67	59	16	16	16	34	27			65	47
Turkmenistan	99	99	99	99	98	97	93	93	97	94	97	96	91								
Tuvalu	99*	99*	99*	99*	99*	99*	88	88	99*	99*	97	99*	95	98	95	86	92	90	90	99*	78
Uganda	96	81	77	93	76	88	99*	96	98	99*	98	99*	99*	99*	77	74	51	37			
Ukraine	98	98	99	99	97	97	97	95	92	89	93	99	91								
United Arab Emirates	98	98	98	98	98	98	98	98	98	98	98	95		96	94	78	42	10	11	37	42
United Kingdom						11	10	9	8	7	7	5		75	75	96	96		5	74	
United Republic of Tanzania	88	91	86	87	83	85	80	88	92	94	99	93	85	92	93	94	82	90	73	83	64
Uruguay		99*	99	99	99	99	99	99	99	98	98	99	99	99	98	99	92	92	93	99	76
Uzbekistan	98	98	98	98	97	97	95	95	93	98	98	90	94	94	85	98					
Vanuatu	41	90	99	99	99	78	72	67		96	84	99*	96	80	73	79	75	83	64	58	61
Venezuela		94	99	97	80	86	89	91	95	82	85	90	74	68	50		86		92	82	76
Viet Nam	97	99*	94	95	94	96	95	96	95	94	91	91	87	75	76	59	55	50	48	5	
Yemen	74	73	82	77	66	46	50	60	57	57	54	74	99*	75	52	30	19	20	16	15	13
Zambia	85		99*	87		81	99*	98	99*	92	88	97	97	93	86	97	83		71		
Zimbabwe	68	80	82	88	73	82	79	95	90	79	82	87	74	87	83	85	86	89	69		

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Reference DTP3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	47	45	31	35	36	37	31		12	18		23	25	33	35	25	11	15	16		
Albania	98	97	97	97	96	99	98	97	99*	96	94	78	94	94	96	96	96	96	95		
Algeria	86	89		83	80	79	77	83	75	73	78	82	58	81		66					
Andorra						90															
Angola	47	41	31	22	45	41	28	42	27	30	21	26	24	18	12	10	10	8		6	
Antigua and Barbuda	98	98		99	99*	99	99		99	99	99	94	99	99	98	93	96	99*	94	90	79
Argentina	88	83	66	88	70	85	83	85	82	81	81	81	86	80	80	75	67	63	62	57	56
Armenia	94	94	93	91	82	88	86	98	86	85	85	83	81								
Australia	93	92	92	88	86	86	86	86					95	93						55	
Austria	83	74	81			90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Azerbaijan	97	98	99	99	97	96	96	96	94	90	82	93	84								
Bahamas		98	99	82	89	87	85	99	88	91	90	92	87	86	85	77	95	86	72	65	69
Bangladesh	69	65	68	66	78	98	97	91	94	90	98	87	69	49	16	9	4	2	1	1	1
Barbados		84	94	87	93	96	85	93	90	86	91	82	91	78	76	79	79	59	83	69	62
Belarus	99	99	99	99	99	98	98	96	92	91	90	89	85	90							
Belgium		90				62	95	94		97		92		94	80	95	95		95	95	95
Belize	89	96	89	87	87	86	85	83	88	88	90	85	91	71	73	69	95	59	59	59	61
Benin	93	84	88	90	81	78	80	89	86	77	79	68	78	48	30	25	17	17			
Bhutan	86	88	92	90	86	87	87	87	86	75	72	95	84	76	75	63	53	52	53	16	10
Bolivia		91	89	87	76	78	82	88	81	81	77	58	41	39	39	24	29	33	6	10	12
Bosnia and Herzegovina	80	91	85	90	89	79		55	82	38	58	85									
Botswana	87	74	85	85	82	76	83	80	78	57	59	53	56	55	50	48	65	68	79	71	74
Brazil	96	90	90	94	94	79	75	84	69	75	71	78	66	54	54	61	58	64	67	61	51
Brunei Darussalam		99*	99	92	97	99				99*	96		99*		89	85	86	88	96	85	99
Bulgaria	93	94	93		96	94	95	96	93	98	98	99	99	99	99	99*	99	99	99		
Burkina Faso	69	68	57	34	40	70	48	47	41	47	39				23	34	34				
Burundi	95	64	64	63	50	60	55	63	48	63	80	82	85	82		70	65			27	
Cambodia	54	60	59	64	64	70	75	79	53	35	32	38	38	47	45						
Cameroon	63	43	53	48	48	43	44	46	38	34	37	34	36	18	20			50	27	25	
Canada						97	97	94	93	90						85					
Cape Verde	94	78	86	69	80	78	73	73		99*	99*	99*	88	99*	88	92	54	39		23	
Central African Republic	23	23	29	27	45		53	45	40		31	66	61	43	30	18	19	20	17	16	14

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Reference DTP3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad	40	27	28	33	23	24	20	18	18	13	10	18	20	47	12	14	10				
Chile	94	99*	97	94	93	96	91	94	92	89	90	94	97	94	96	93	92	89	87	83	98
China	98	79	85	85	98	96	95	92	93	95	94	95	97	95	75	62	78	78	63	58	
Colombia	80	80	74	73	70	74	94	86	91	83	78	84	88	78	74	58	48	60	61	42	26
Comoros	89	70	70		75	48	60	75	58	70	38	52	94	82	43	71	24		31		
Congo	41	31	33	29		23	75	47		60	65	70	77	66	50	57	68	54	53	50	
Cook Islands	99*	92	97	70	95	91	75	93	86	99*	87	87	93	89	94	83	87	78	48	57	
Costa Rica	94	91	88	86	85	94	85	85	87	88	90	90	95	86	86	94	89	90	93	86	80
Côte d'Ivoire	54	57	72		69	70	55	41	41	50	49	54		42	25	73	30	25	19		
Croatia	95	94	93	93	93	92	91	90	87	85	83	85									
Cuba		99*	95	94	99	98	90	99	99	99	94	99	92	96	98	87	99	91	86	99	99
Cyprus	98		97			98	98	96	95					93	90	93	91		30	34	26
Czech Republic	98		98	98	98	98	97	96	98	99	99	99									
D.P.R. Korea	64	62	80	87	37		99*	96	99	90	90	97	98	97	87	86	61	55	67	52	51
Democratic Republic of the Congo	43	32	40	25	18	18	18	23	29	29		16	36	38	41	38	39	37			
Denmark	98	97		99	99	78		97	99*	95	98	99	95	95	88	88	89		94	94	85
Djibouti	62	53	46	23	23	62	49	63	57	41	84	81	85	77	65	25	26	30	21		
Dominica	98	99	99	99	99	99	99		92	99	99	95	96	92	96	95	93	91	84	93	99
Dominican Republic	82	72	78	83	80	82	83	75	83	75	48	47	69	43	42	80	80	41	20	29	28
Ecuador	89	90	88	80	85	76	96	74	80	76	79	69	75	55	54	50	43	41	48	31	35
Egypt	97	99	98	97	95	94	90	88	90	89	89	86	87	90	87	81	80	84	69		
El Salvador	81	92	99	94	99	97	96	99	90	79	60	61	80	64	63	53	50	55	31	21	42
Equatorial Guinea	65	32	32			81	64	64		60	64			14	18		3				
Eritrea	70	65	52	56	60	60	46	35	36	28											
Estonia	97	94	93	95	94	94	93	89	87	86	83	84	76				88	84	82	82	80
Ethiopia	49	51	42	40	37	41	42	57	37	28	13	21	49	26	16	16	7	6	4	4	3
Fiji	92	90			86	86	97	97	83	96		99	82	69	98	90	71	69	77	80	64
Finland	98	98				99	99*	99	99	99	99	95	90	90	99					94	94
France	98					98	97	97	97	95	95	92	95	95	79		96		94	90	
Gabon	40	70	10	31		54	61	56	48	65			78	71	65	59	48	14		14	
Gambia	90	96	83	88	97	96	96	96	93	90	85	85	92	87	82	85	73	78		62	
Georgia	85	86	98	98	89	92	92	54	58	54	58	45	69								

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Reference DTP3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Germany			97			85	80	80	80	80	80	90	80	94	93	97	95				
Ghana	99*	76	84	72	68	60	51	51	48	48	40	40	50	35	36	18	15		19	23	22
Greece				88		90	90	90	90	89	89	85	54	54	83	82	80	54	60		
Grenada	98	96	97	88	97	95	80	95	83	89	90	85	81	87	65	80	98	61	76	68	56
Guatemala	94	92	95	88	88	83	73	80	71	75	66	63	66	58	47	16	37	21	48	44	45
Guinea	58	57	57	57	56	53	48	73	73		52	41	20	17			2				
Guinea-Bissau	50	47		6		63	53	45	74	65	67	63	61	60	66	55	29	18	18	9	
Guyana	91	85	88	83	90	88	83	86	90	93	79	84	82	77	64	67	64	75	70	56	53
Haiti	39	52	59	59	39	35		34	30	30	30		41	50	48	28	24	19	14	9	12
Honduras	95	95	95	95	97	93	94	94	94	94	93	94	84	85	74	58	62	58	41	52	46
Hungary	99*	99*	99*	99*	99*	99*	99*	99*	99	99	99*	99*	99	99	99	99*	99	99	99	99	99
Iceland			98			99*	99*	99	99	99	99	99	99	99	99		99		99	94	98
India	70	64	94	93	90	93	92	91	95	93	90	90	99*	99*	93	97	85	99*	87	78	74
Indonesia	75	76	77	88	92	90	91	92	92	91	93	91	88	75	71	64	47	27	13	6	1
Iran (Islamic Republic of)	99	95	99*	99*	99*	99*	96	99	96	99	97	88	91	82	88	66	57	51	46	33	41
Iraq		74	86	90	86	92	94	91	87	88	81	63	83	97	86	74	91			16	18
Ireland		84		86	85	76							65	65	43			45	45	42	43
Israel	97	95	96		96	95	94	96	95	96	95	94	93	92	92	92	92	85	87	89	92
Italy				95	95	95	96	95	95	95	95	95	83	85	85	88	98	12	10		
Jamaica		90	86	84	85	90	92	90	93	91	84	83	86	85	82	81	74	60	58	58	34
Japan	97	95	85			70	99*	74		85	87	92	87	87				83	82	80	81
Jordan	95	99	91	85	91	93	99*	99*	96	94	96	92	92	94	98	90	88	53	44	76	75
Kazakhstan	95	95	97	98	99*	97	95	93	76	76	81	83	80								
Kenya	84	80	63	79	64	36	77	84	50	42	40	41	42	41	30		72	70			
Kingdom of Bahrain	98	99	97	97	98	98	96	95	96	94	94	99	94	96	96	88	80	64	83		
Kiribati	99*	85	90	78	88	91	79	60	71	99*	86	70	97	79	63	36		37	18	40	53
Kuwait			98	94	95	96	99*	99*	99*	97				94	94	92	91	90	89	89	83
Kyrgyzstan	98	99	99	99	97	98	98	93	82	64	84	82	99								
Lao People's Democratic Republic	55	40	53	56	55	60	58	54	48	25	23	22	18	21	17	10	5	4			
Latvia	97	97	98	95	94	92	93	93	89	80	87	83	85								
Lebanon		93	90	94	96	92	94	94		87	89	86	82	78	33	91	30	60	4		
Lesotho	60	72	69	58		56	53	52	55	47	66	67	71	78	87	70	68			80	

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Reference DTP3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia	51	62	48	23	19		45	45								19	15			23	
Libyan Arab Jamahiriya	94	94		94	95	96	96	95			90		84	87	84	82	82	81	81	79	72
Lithuania	95	95	94	93	94	92	92	97	87	87	86	75	76	80	84						
Luxembourg						98	98						90	90	90	95			68	75	
Madagascar	62	37	80	71	54	61	73	74	66	66	65	53	71	51	42	35	30	23	19	23	15
Malawi	64	90	75	85	96	95	90	97	98	91	86	81	80	88	73	53	59	58	54	63	52
Malaysia	96	95	95	93	94	91	97	90	90	90	94	89	90	84	68	69	62	68	62	72	73
Maldives	98	98	97	97	97	97	96	94	96	90	98	97	94	91	86	42	42	28	24		
Mali	74	51	32	52	53	52	52	49	39	46	33	36	42	26	18	6	3				
Malta	95	70	94		92		92	92		83	82	86	63	47	87		86	37	50		
Marshall Islands	80	73	39	66	86	78	78	70	67	56	82	71	92		92						
Mauritania	83	61	31	26		28	50	50	50	44	39	29	33	28	24	10	11				
Mauritius		93	88	85	89	90	89	93	89		88		85	85	86	84	86	88	85	89	94
Mexico	91	89	89	96	96	95	94	92	91	85	91	78	66	65	60	62	34	40	52	41	40
Micronesia (Federated States of)		75	85	76	80	75		83	81	78		79	85	95	85	57					
Monaco				99*				99	99		98	98	99*	99*	99*						
Mongolia	98	95	95	94	94	92	90	88	78	80	67	81	69	84	70	69	85	83	77	79	79
Morocco	95	96	95	91	93	95	95	90	87	86	87	81	81	80	82	85	54	51	45	41	32
Mozambique	84	80	88	81	77	61	60	57	55	49	50	46	46	47	38	39	32	29	32	38	43
Myanmar	77	78	82	73	87	90	88	84	77	90	87	84	69	50	36	28	37	16	12	11	9
Namibia	77	63	79	72	74	65	71	76	80	73	82	87		38							
Nauru	80	95	44	64	72	50		56					74	75	67	55		67	67		
Nepal	72	72	80	76	76	78	75	65	63	68	72	74	80	72	75	46	38	32	27	28	18
Netherlands	98				97	95	97	97	97	97	97	97	97	97	97	97	97	97	97	97	96
New Zealand		90	90	88	81	86		89	84		81	81	90		69	67	70	72	83	73	73
Nicaragua	84	92	93	83	86	94	91	85	74	78	74	71	66	66	65	47	40	35	30	24	26
Niger	23	31	25	25	53	60	55	42	39	38	37	39	35	13	9		5				
Nigeria			38		21	45	26	34	44	29	43	39	56	47	36	21	16	9	5		
Niue	99*	99*	99*	99*	99*	99*	99*	99*	99*	99*		99*		99*	99*	99*			43		
Norway	91	95	95			95	97	97	93	94	98	96	86	83	83	80	83	85	90	90	
Oman	99	99*	99*	99	99*	99	99*	99*	97	97	99	95	98	98	90	89	82	60	45	31	24
Pakistan	68	76	78	80	79	74	77	58	64	74	78	81	83	73	64	62	56	30	44	15	5

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Reference DTP3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	99		96	96	96	91	98	99*	67	89	93	98	99*	78	99*	81	98				
Panama	89	78	98	92	98	95	91	86	83	83	77	82	86	70	75	72	70	73	59	60	61
Papua New Guinea	49	48	57	56	58	45	56	60	66	48	62	74	67	53	48	44	44	43	34	27	29
Paraguay	83	89	75	75	81	82	80	80	81	78	87	80	80	61	56	58	53	57	67	44	34
Peru	95	91	97	99	98	98	99	95	87	87	83	71	72	58	61	43	50	48	28	23	23
Philippines	70	58	79		87	90	90	86	85	88	92	90	88	87	79	73	53	59	36	55	54
Poland	99	98	98	98		98	97	96	96	95	95	95	96	96	96	96	95	94	95	95	95
Portugal			96		97	94	95	93	97	93	94	96	89	88	81	83	81	72	78	79	78
Qatar	96	94	90	92	94	92	92	92	91	90	88	86	82	81	69	72		71			
Republic of Korea	97	59	97		74	80		99*	93				74	89	58	57	76	76	76	69	61
Republic of Moldova	97	90	91	97	97	97	97	76	86	70	84	86									
Romania		99	99	97		97	98	98	98	91	98	98	96	96	96	92	89	95			
Russian Federation	96	96	97	95	91	88	84	78	88	79	72	69	60	60	50	58	60				
Rwanda	88	77	90	85		77	98	90		83	85	89	57	68	78	79	77	50		59	
Saint Kitts and Nevis	98	99*	99	99	98	99	99	99	99	99	99	99	99	99	94	96	99	92	97	90	92
Saint Lucia		99*	70	89	88	98	88	98	97	97	95	96	91	92	78	85	78	87	83	81	79
Saint Vincent and the Grenadines	99*	99*	99*	95	99*	99	99	97	99	99	99	99	98	98	98	97	95	90	86	80	67
Samoa	96	93	99*	98	99*	96	95	94	93		91	79	90	66	90	93	94	89	96	89	87
San Marino			96	99			99	99	88	99	99*	99*								99	
Sao Tome and Principe	91	92	82		73	73	68	79		60	68	87	92	63	77	72	65	48	49	26	
Saudi Arabia	95	97		93	94	92	93	96	95	94	91	91	92	96	89	89	86	81	76	67	62
Senegal	60	52	52	60	59	59	70	80	57	52	46	51	66	71	59			54			
Serbia and Montenegro	95	93	95	92		94	91	89	85	85	84	79	84	90	91	90	90	89	89	85	
Seychelles	99	96		99	99	98	99*	98	96		96		99		97	89	94	86	95		
Sierra Leone	50	38	24		56	26	65	43	41	63	64	56	83		22				21	24	10
Singapore	92	92		94	95	93		95	92	92	89	91	85	90	90	96	91	78	77	84	83
Slovakia	99	99	99	99	99	99	99	99	99	99	99	99*	99								
Slovenia		92		92	91	94	98	98	98	98	98	98									
Solomon Islands	71	78		86	69	72	97	69	68	65		76	77	67	69	66	42	38	45	27	23
Somalia	40	33	33	18	24									18	26	25	17	22	10	5	4
South Africa	82	81	96	76	76		73	72		81	79	81	74	87	70	72	70	75	75	74	
Spain	96		95			94	90	90	88	87	84	86	93	93	93	77	88	79	95		

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Reference DTP3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	98	99*	99*	99	94	97	92	93	88	90	88	86	86	87	83	77	75	70	66	64	57
Sudan	64	71	65	79	70	79	79	72	69	51	53	63	62	40	40	27	14	8	4	3	2
Suriname		80		85	90	85	85	84	74	76	74	74	83	72	71	71	80	86	80	85	55
Swaziland	77	77	98	99*	84	82	82	82	96	89	93	79	89	89	89	86	74	61	50	43	
Sweden		99	99			99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Switzerland		94										95	90	90	90	90	90				
Syrian Arab Republic	99	95	97	97	97	95	96	92	89	90	89	89	90	87	59	86	86	26	22	20	14
Tajikistan	94	97	97	96	94	95	90	96	95	78	92	94	94	94							
Thailand	97	97	97	97		95	96	94	71	79	85	86	85	74	70	75	47	47	44	53	25
T.F.Y.R. Macedonia	96	91	95	95	94	97	93	95	88	90	85	93									
Timor-Leste	57																				
Togo	59	43	50	48	36	40	27	47	71	75	76	82	77	65	66	54					
Tonga	90	94	95	94	97	96	99	95	89	96	99*	88	94		92	99*	75	92	51	63	52
Trinidad and Tobago	89	91	90	90	91	90	99	96	81	81	87	82	89	77	82	79	70	75	65	60	54
Tunisia	96	98	96	99*	96	96	91	92	91	99	99*	93	91	92	91	75	72	70	61	62	52
Turkey	78	88	85			79	84	66	81	76	78	81	74	74	68	71	45			56	58
Turkmenistan	98	95	97	98	99	98	97	93	90	73	84	81	79								
Tuvalu	98	96	75	84	94	77	87	87	82	99*	69	73	90	85	89	59	73	52	37	79	72
Uganda	72	60	53	61	51	61	72	74	79	73	71	77	77	60	40	39	21	14		14	
Ukraine	99*	99	99	99	98	99	99	98	97	93	88	85	79	79	78		42			43	45
United Arab Emirates	94	94	94	94	94	92	90	90	90	90	86	85		89	73	63	65	58	59	50	43
United Kingdom	91	93	92		93	93	96	93	94	94	94	92	85	78	73	70	67		60	57	49
United Republic of Tanzania	89	87	79	76	79	79	82	81	84	83	83	81	78	77	85	79	74	67	58	52	50
United States of America	94	94	94	96	96	96	95	95	94	88	83				97	97	97	96	97	97	96
Uruguay		94	92	93	91	91	91	91	91	92	93	96	97	88	82	85	68	63	62	73	67
Uzbekistan	98	97	96	99	99	96	97	89	67	62	83	90	79								
Vanuatu		93	90	90	93	72	67	73	74	86	77	83	76	61	58	56	31	30	28	27	22
Venezuela		70	86	77	38	57	57	68	63	69	66	64	61	55	56	54	58	49	33	58	53
Viet Nam	85	98	96	93	94	95	94	94	94	91	89	88	85	88	70	51	43	42	5	4	
Yemen	69	76	76	72	68	51	57	53	44	54	50	62	89	56	36	18	13	10	6	4	3
Zambia	88		76	92		70	83	82	86	67	61	91	71	58	63	65	66		58	83	
Zimbabwe	55	75	77	81	70	78	80	83	80	73	79	89	78	83	81	84	75	72	60	30	

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Reference HepB3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Albania	96	96	96	96	94	97	96	88	99*													
Andorra						75																
Antigua and Barbuda	99*	96																				
Armenia	91	69	55																			
Australia	95	94																				
Austria	82	34	33																			
Azerbaijan	97																					
Bahamas		21																				
Barbados		17																				
Belarus	99	93	70																			
Belgium		50				2																
Belize	97		75																			
Benin	15																					
Bhutan	83	89		52	81	84	16															
Bolivia		91																				
Bosnia and Herzegovina	65		85	80																		
Botswana	46	64	73	70	69	60	62	73														
Brazil	89	95	95	83	13	6																
Brunei Darussalam		99*	99*	93	99*	98				99*	96		96									
Bulgaria	88	93	91		97	96	94	96	94	96	80	92										
Cape Verde	40																					
China	96	65	60																			
Colombia	78	80	74	75	72	76																
Cook Islands	99*	92	97	67	86	98	65	86	79	76	98		71									
Costa Rica		80	89	83	86	76																
Côte d'Ivoire	48	10																				
Croatia	97	98																				
Cuba		99*	98	99	98	98																
Cyprus	89		89			88	88	68			27	20										
Czech Republic	86																					
D.P.R. Korea	99*	43	30	25		37																
Dominican Republic	63	66	68	76	41	53																





Reference HepB3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Ecuador	85	71	40																			
Egypt	97	99	98	97	94	93	90	91	89	73	4											
El Salvador		75	99	1																		
Estonia		90	0																			
Fiji	78	93			98	98		82	60	88												
France	27																					
Gambia	90	84	91	90	93	93			84	45	62		93									
Georgia	51	61	55																			
Germany			29			70																
Ghana	99*																					
Greece				88		50	12	12	2	2	15	10										
Grenada	98	96																				
Guyana		85																				
Honduras	95		95	95	88	75																
Hungary				99*																		
Indonesia	67	56	65	77	76	65	62	50	42	43	28											
Iran (Islamic Republic of)	99	93	99*	95	94	93	84	59	62													
Iraq		64	67	52	3	65	11	57	40													
Israel	98	96	97		97	97	96	93	92	92												
Italy				97	95	95	95	95	95	95	95	95	95									
Jordan	95	97	93	78	83	85	99*	35														
Kazakhstan	99*	95	99*	49	49																	
Kenya	84																					
Kingdom of Bahrain	98	99	97	97	95	95	96	95	93	90	57											
Kiribati		85	90	82	89	97	66	36	36	8	6	7	73									
Kuwait			95	95	99	98	99*	99*	93	91	38											
Kyrgyzstan	99	57	44	10																		
Latvia	98	96	84	94	9																	
Lebanon			70	86																		
Libyan Arab Jamahiriya	91	93																				
Lithuania	94	95	99	96	73																	
Luxembourg						49																

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Reference HepB3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Madagascar	62																				
Malawi	64																				
Malaysia	95	94	93	91	91	88	87	87	86	85	88	88	86								
Maldives	98	96	45	90	45	56	96		63	21											
Malta					82																
Marshall Islands	77	76	38	80	80	70	68	47	46	17	24			3							
Mauritius		93	88	85	90																
Mexico	91		89																		
Micronesia (Federated States of)		81	87	77	79	78		82	82	82				47							
Monaco				99*																	
Mongolia	98	95	94	84	91	88	92	89	67	69	49	6									
Morocco	92	84	43	10																	
Mozambique	84	25																			
Nauru	75	95	58	62	29	86	57			99*		79									
New Zealand		90	90	89	87	99*	88	81			67										
Nicaragua	84		89	83																	
Niue	99*	99*	99*	99*	99*	99*	99*	90	99*	99*	99*	99*									
Oman	99*	99*	99*	99*	99	99*	99*	99*	99	96	99	94									
Palau	99		96	96	96	90	99*	99*	73	94	75	89									
Panama		0																			
Papua New Guinea	50	36	55	50	45	43	43	22		5	11		20								
Peru		92	44		71	67															
Philippines	31	80	3		34	31															
Poland	99*	99*	99	99					82	78	76	59									
Portugal			58		64		34	6													
Qatar	98	99*	90	92	92	90	90	90	90	93	89	86									
Republic of Korea	92	89	93		82			99*													
Republic of Moldova	99	84	88	94	93	87	81	19													
Romania	99	98	98	99	99*	99*	99														
Russian Federation	82	46		3																	
Rwanda	88																				
Saint Kitts and Nevis	97	99*	99*		99																





Reference HepB3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Samoa	95	98	96	99	99	99	98	96	94	1	18											
San Marino			94	97						98	99*	99*										
Saudi Arabia	97	95		92	95	91	92	95	94	93	89	86	66									
Seychelles	98	95		99	96			99														
Singapore	92	91		95	96	94		91	89	90	78		74									
Slovakia	99	99	99																			
Slovenia		97		95																		
Solomon Islands	69	78				73	97	68	65	53												
South Africa	83	80	88																			
Spain			80			84	82															
Swaziland	78	78		76	76	76	76															
Syrian Arab Republic	98	89	90	91	91	84	82	74	64	23	5											
Tajikistan	35																					
Thailand		95	95	95				92	66	57	15											
Tonga		96	97	93	96	95	94	91	90	96	82		94									
Trinidad and Tobago					60																	
Tunisia	94	94	88	94	93	90	78															
Turkey	72	77	71																			
Turkmenistan	96																					
Tuvalu	99	99	78	93	96	88	49	49	17													
Uganda	42																					
Ukraine	49	7	4																			
United Arab Emirates	92	92	92	92	96	90	90	90	90	90												
United Republic of Tanzania	89																					
United States of America	88	90	90	88	87	84	82	68	42	16												
Uruguay		94	92	93																		
Uzbekistan	92	8		1																		
Vanuatu		69	75	75	75	75	69	66	69	82	82	46										
Venezuela		54	77	1	46																	
Viet Nam	65	97	94	82	69																	
Yemen	34	21	15	9																		
Zimbabwe	55	36	77	31				1														

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Reference Hib3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Antigua and Barbuda	99*	97																			
Argentina		83	66	87	26																
Australia	95	95	95	88																	
Austria	82	74	72																		
Bahamas		99	90	77																	
Barbados		17																			
Belarus							65														
Belgium		80				6				20											
Belize	89																				
Bolivia		91																			
Brazil	91	95	95																		
Canada					75																
Chile		99*		94	92	93															
Colombia	68	55	61	62																	
Costa Rica		89	94	68	25																
Croatia	77																				
Cuba		99*	74	99																	
Cyprus	32		32																		
Czech Republic	95																				
Denmark	86	95				92		78	88												
Dominica			46																		
Dominican Republic	50	20																			
Estonia										17											
Fiji	85	82				98															
Finland	96	96					96		93	97	97										
France	86											97									
Gambia	90	75	83	90																	
Germany			79			80	70	70	65	65	65	60									
Ghana	99*																				
Greece				88					3												
Grenada	98	96	33																		
Guyana		85																			

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Reference Hib3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Honduras			95																			
Hungary	99*	99*	99*	99*																		
Iceland		92	98					99	99	99	99	99										
Ireland		84				76																
Israel	93	93	94		92	92	92															
Jordan	95	59																				
Kazakhstan			99*																			
Kenya	84																					
Kingdom of Bahrain	98	99	97	96	81																	
Kuwait			98	94	94																	
Latvia	87	84	75	76	47	67	35	58	10													
Lithuania	5	4	3	2																		
Luxembourg						86																
Malawi	64																					
Malta	71	84	93		89		38															
Marshall Islands	80	45	45																			
Mexico	91		89																			
Micronesia (Federated States of)			75	40																		
Monaco				99*																		
Morocco		5		1																		
Netherlands	96				96	95																
New Zealand		90	90	88	81	86																
Nicaragua	84		89	83																		
Niue	99*		99*																			
Norway	93	96	97				97															
Oman	97																					
Palau	90		96	96	74																	
Peru		94	38		17																	
Portugal			86		95																	
Qatar	96	94	92		88																	
Rwanda	88																					
Saint Kitts and Nevis	97	99	12																			

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Reference Hib3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
San Marino			92	95								65										
Saudi Arabia	91																					
Slovakia	92	99			36	30	3															
Slovenia		93																				
South Africa	76	78	88																			
Spain	92		92																			
Sweden		99	98					90	90													
Switzerland	90	77			77																	
Syrian Arab Republic	99	95																				
Trinidad and Tobago	55	85	74		8																	
Uganda	42																					
United Arab Emirates	94	92	92	94																		
United Kingdom	91	94	92				95		93	89												
United States of America	93	93	93	94	93	93	92	92														
Uruguay		94	92	93	75	83																
Venezuela		33																				





Reference MCV coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	44	47	35	40	40	48	42		40	25		19	20	22	34	31	14	14	13		
Albania	96	95	95	85	89	95	92	91	90	76	87	80		96	96	96	96	96	96		96
Algeria	81	83		83	75	74	75	77	69	69	68	74	53	73		59					
Andorra						90															
Angola	72	72		46	80	78	41	65	44	47	21	39	38	43	56	55	60	83		26	
Antigua and Barbuda	99*	97		99	99*	93	99		91	99	99	87	89	95	95	86	80	69	73	48	
Argentina	97	94	56	99	99	92	99	99	96	95	91	99	93	89	88	81	87	67	77	69	69
Armenia	60	96	92	92	94	92	89	96	95	95	93	93	95								
Australia	94	93	92	89	86	87	87	87	86	86			86	85		68		68		68	
Austria	79	65	75			90	87	60	60	60	60	60	60	60	60	60	60	40	30	25	25
Azerbaijan	97	99	99	98	98	97	99	97	91	28	66	70	82								
Bahamas		92	93	86	92	93	92	99	92	88	99	99	99	87	78	77	93	79	63	66	65
Bangladesh	65	64	61	61	72	97	96	96	95	87	92	83	82	53	13	6	3	1	1	1	1
Barbados		92	91	86	97	92	99	92	99	99	99	92	87	85	84	85	84	49	84	55	53
Belarus	99	99	98	98	98	97	96	93	97	96	94	95	96	97	96	61	57	56	55	57	56
Belgium		75					73	85		70	87	67	85	75	75	50	90				
Belize	89	93	96	82	84	85	99	83	83	83	81	80	86	68	70	64	81	49	44	43	51
Benin	88	81	85	92	82	82	74	82	78	69	72	60	73	48	30	26	20	23			
Bhutan	78	78		94	71	84	85	85	81	61	60	89	79	60	64	52	41	43	36	21	20
Bolivia		99*	99*	99	77	99	86	83	89	81	80	73	53	47	44	33	17	17	20	13	15
Bosnia and Herzegovina	89	92	80	83	84	86		53	57	48	52	95									
Botswana	79	77	84	74	80	79	82	72	71	59	58	52	55	55	51	48	64	68	71	76	70
Brazil	93	95	99*	99	96	99	80	90	72	85	91	85	78	58	60	67	62	67	80	67	68
Brunei Darussalam		99*	99	94	99*	98				99*	92				99*	99*	99*	98	90	94	
Bulgaria	92	90	89		96	93	95	94	93	88	92	98	98	99	99	99*	99	99	98		
Burkina Faso	64	69	59	29	45	68	54	55	45	42	41				37	65	64	38			
Burundi	67	54	57	47	44	52	50	53	43	62	70	78	74	73	56	54	41			45	
Cambodia	52	59	65	63	63	68	72	75	53	37	33	38	34	33	38	52					
Cameroon	53	47	49	46	47	43	39	46	38	32	37	35	36		14				31	25	
Canada					96	96	97	96	97	96					85	70					
Cape Verde	85	72	80	61	66	82	66	66		95	91	90	79	90	78	75	59	54			
Central African Republic	39	29	34	38	39		46	72	37		57	62	67	57	40	14	24	23	19	16	16

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Reference MCV coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad	55	36	42	49	30	30	31	24	24	19	25	28		23	17	16					
Chile	95	99	97	96	94	99	93	97	93	92	89	96	82	92	95	92	91	91	99	28	79
China	98	79	98	85	97	96	97	93	89	94	94	96	98	95	77	63	88	88	74	78	
Colombia	93	90	75	75	73	75	99	95	87	94	74	78	82	64	74	59	45	51	51	43	28
Comoros	71	70	70		67	49	43	69		56	51	40	87	85	40	71	26	18	42		
Congo	37	35	34	23		18	64	42		55	54	60	77	60	48	66	86	67	54	59	
Cook Islands	98	84	76	63	94	87	72	96	72	99*	87	94	67	99*	92	84	70	76	65	68	
Costa Rica	94	85	82	88	83	99	84	91	87	89	69	96	90	77	96	93	90	78	76	84	87
Côte d'Ivoire	56	61	73		62	68	65	57	47	52	54	57		40		85					
Croatia	95	94	93	92	93	91	92	92	90	90	90	89									
Cuba		99*	94	96	99	96	99	99	99	96	99	99	94	98	89	99	80	85	82	94	55
Cyprus	86		86			90	90	83						76	74	91	60		25	19	21
Czech Republic				97	95	96	97	96	97	98	97	98									
D.P.R. Korea	98	92	92	98	34	37	99*	98	99	99	99	98	98	99	96	94	94	93	31	30	29
Democratic Republic of the Congo	45	11	46	15	20	20	21	27	33	33		17	37	41	44	41	39	41	30	30	25
Denmark	99*	94		92	91	84		88	88	81	85	86	84	81	72	82					
Djibouti	62	49	50	23	21	59	47	58	59	42	83	79	85	61	68	22	19	27	20		
Dominica	98	99*	99	99	98	99	99		92	99	99	98	91	88	90	87	97	93	85	63	43
Dominican Republic	92		88	96	95	82	80	96	86	96	75	69	96	43	29	71	71	54	19	24	25
Ecuador	80	99*		99	88	74	78	73	58	73	63	61	67	56	52	46	49	54	54	34	44
Egypt	97	97	98	96	98	92	92	89	92	89	89	89	87	92	85	76	78	74	47		
El Salvador	93	82	97	99	99	99	94	93	80	86	55	54	98	73	63	48	51	71	41	46	43
Equatorial Guinea	51	52	19	24		82	61	61		53	64			18	46	17	11				
Eritrea	65	65	50	55	52	53	38	29	27	23											
Estonia	95	95	93	92	89	88	86	81	76	74	75	78	82			84	82	73	68	68	
Ethiopia	40		37	32	29	33	34	38	28	21	12	17	38	23	15	13	10	12	8	7	7
Fiji	88	90			75	75	94	94	67	96		93	72	65	69	64	61	57	22	25	2
Finland	96	96				96	98	98	99	99	99	97	97	95	98	87				81	
France	85					84	82	83	80	78	75	77	71	60	52	41	55	37		15	
Gabon	40	50	27	30		32	57	57	50	65			76	73	68	67	58	58			
Gambia	90	90	85	88	92	92	94	91	89	87	83	87	86	84	80	88	62	75	79	70	71
Georgia	99	99*	97	97	90	95	88	61	63	61	16	81	99								

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Reference MCV coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Germany			89			75	75	75	75	75	75	70	50		47	50	50	25			
Ghana	99*	75	84	73	67	59	53	54	49	50	43	40	52	44	59	28	31			1	1
Greece				88		90	90	70	70	72	72	72	76	76	82	81	39	77	75		
Grenada	94	99	92	94	97	92	85	88	93	99	73	99	85	89	58	77	62	49	31	7	5
Guatemala	92	90	88	83	79	74	69	83	66	71	59	49	68	60	55	24	55	23	24	9	12
Guinea	61	59	59	61	58	56	49	69	69		56	39	25	17			9				
Guinea-Bissau	47	48		19		51	49	45	68	52	61	52	53	46	51	60		35			
Guyana	95	92	86	91	93	91	99	77	83	80	73	81	99	69	55	52	42	16	56	5	68
Haiti	34	53	80	85	42	30		32	24	24	24		31	31	59	23	26	21	8		
Honduras	97	95	98	98	98	99	91	89	93	94	89	86	90	94	76	56	60	53	44	49	48
Hungary	99*	99*	99*	99*	99*	99*	99*	99*	99	99	99*	99*	99	99	99	99*	99	99	99	99	99
Iceland			88	91		99*	99*	99	98	99	99	99	99	99	99		95		96	81	
India	67	56	89	87	84	86	83	83	87	89	86	85	91	83	79	90	68	1			
Indonesia	44	76	73	88	91	93	92	82	92	89	90	89	85	68	64	57	45	26	13	6	
Iran (Islamic Republic of)	99*	96	99*	99	99*	95	99*	95	97	96	96	84	85	79	83	55	55	62	51	38	55
Iraq		80	93	94	79	98	97	95	88	87	95	68	83	95	78	66	75				
Ireland		73		77	77									78	68			63	10	10	
Israel	95	94	94	94	94	94	94	95	94	95	94	94	91	88	86	89	88	85	85	85	88
Italy				70	55	57	55	50	50	50	50	50	43	41	10	21	17	12	10	5	
Jamaica		85	88	96	85	88	99	89	77	80	63	84	69	71	68	62	36	64	62	15	12
Japan	99*	98	96			94	94	93		68	69	71	66	77				73	73		
Jordan	95	99	94	83	86	95	98	92	91	88	91	85	87	84	87	80	81	39	30	46	48
Kazakhstan	95	95	99	99*	99*	97	97	95	91	91	89	91	95								
Kenya	78	74	46	79	61	32	65	73	47	38	36	37	41	36	28		65	63			
Kingdom of Bahrain	99*	97	98	94	99*	94	95	95	93	90	87	88	87	85	78	73	60	54	65	59	37
Kiribati	88	77	80	62	77	82	64	47	70	89	77	62	75	63	54	14	14	4	8	24	
Kuwait			99	96	99	95	99	98	98	95				98	97	95	93	91	88	80	79
Kyrgyzstan	98	99	98	99	98	98	98	97	88	93	94	94	99								
Lao People's Democratic Republic	55	50	42	71	71	67	73	68	73	46	46	47	32	20	23	11	10	6	6		
Latvia	98	98	97	97	97	97	96	87	81	80	95	96	97								
Lebanon		90	90	99	91	89	85	85		65	63	51	39	40	15	81	30	23			
Lesotho	53	63		63	56	45	39	44	49	84	60	70	80	72	72	67	67	67	57	79	64

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Reference MCV coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia	57	78	52	35	31		44	44								40	39				
Libyan Arab Jamahiriya		93		92	92	91	93	92	92	91	88	87	89	79	76	75	78	75	76	71	65
Lithuania	98	97	97	97	97	96	96	94	93	92	89	86	89	92	94						
Luxembourg						91	91				80	80	80	80	71	77				39	
Madagascar	61	29	81	73	56	57	68	64	55	54	51	47	57	44	36	28	18	6	1		
Malawi	69	81		82	90	87	90	97	99	87	82	78	81	84	71	60	58	49	50	58	64
Malaysia	92	88	88	87	86	84	85	82	81	80	83	79	70	61	71	68	35	20	23	11	
Maldives	99	99	99	97	98	96	95	96	97	86	98	97	96	88	83	41	50	47			
Mali	64	37	57	57	58	56	55	52	46	51	40	42	43	40	23	8	5				
Malta	65	0	74		60		51	51		90	92	90	80	86	41	59	10	10			
Marshall Islands	80	89	94	93	93	52	69	57	59	36	86	74	52		25	31					
Mauritania	81	58		56		20	53	53	53	49	43	32	38	30	26	27	40				
Mauritius		90	84	80	85	87	61	89	85	84	84	88	76	80	73	69	71	67	55	53	34
Mexico	96	95	96	95	96	90	93	90	90	82	91	90	78	85	70	54	60	64	21	23	37
Micronesia (Federated States of)		84	85	79	82	74		90	83	80		76	81	94	84	69					
Monaco				99*								98	99*	99*	99*						
Mongolia	99	95	94	93	93	91	88	85	80	84	88	82	92	86	70	61	11	18	20	1	
Morocco	96	96	93	90	91	92	93	88	87	83	81	80	79	82	81	73	48	45	42	35	17
Mozambique	94	92	97	90	87	70	67	71	65	62	56	55	59	58	44	37	39	39	50	51	58
Myanmar	75	78	84	85	85	88	86	82	77	88	84	85	68	50	32	17	5				
Namibia	68	58	69	65	63	58	61	69	68	71	71	71		77							
Nauru	40	95	8		90	99*															
Nepal	71	71	77	81	73	85	80	71	61	61	64	64	68	57	58	37	37	34	24	11	2
Netherlands	96				96	96	94	94	94	95	94	94	94	94	93	93	93	92	93	92	91
New Zealand		85	85	83	81	99*		84	87		82	82	90			67	60			71	
Nicaragua	98	99*	99*	99	99	94	90	81	73	83	73	54	82	63	63	46	50	49	38	41	40
Niger	48	51	25	34	91	81	65	69	46	40	42	46	38	14	12						
Nigeria			30		26	69	38	44	50	34	43	57	48	31	42	24	17	9	17		
Niue	99*	99*	99*	99*		99*	99*	34		99*		99*		99*	94	94		52			
Norway	88	93	92			93	92	92	94	93	96	94	87	84	87	87	87	90	80	80	
Oman	99	99*	99*	99	98	98	98	98	97	95	96	96	98	94	87	86	79	65	53	34	24
Pakistan	63	75	75	81	76	74	78	56	64	71	76	77	76	64	55	52	41	23	33	19	3

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Reference MCV coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	99		83	96	74	83	99	99*	41	32	94	98		98	99*	98	98				
Panama	79	65	97	90	96	92	90	84	84	83	76	80	73	73	73	78	74	84	72	85	64
Papua New Guinea	56	49	68	57	59	40	45	42	84	68	89	73	66	52	46	37	39	54	26	1	
Paraguay			77	92	99*	61	82	75	76	96	87	75	71	53	63	56	46	48	62	37	27
Peru	95	97		92	93	91	87	99	75	76	83	60	64	52	52	56	41	53	35	28	32
Philippines	73	75	80		87	90	90	86	86	87	90	88	85	83	77	68	51	49	44	27	9
Poland	98	97	97	97		97	97	96	96	95	95	94	95	95	95	94	92	92	94	94	93
Portugal			87		96	96	99	94	91	95	99	96	85	96	84	81	75	70	48	48	46
Qatar	99*	92		87	89	87	90	87	86	86	86	84	79	79	73	60	62	62	62	69	22
Republic of Korea	97	66	95		85	85		93	92				93	95	70	82	89	89			
Republic of Moldova	94	81	87	99	99	99	98	99	95	92	92	93	94	94	93	95	96	98	95	89	83
Romania	98	98	98	98	97	97	94	93	91	93	91	92	92	90	78	90	81	88			
Russian Federation	98	98	97	97	94	91	89	85	81	88	83	79	81	82	89	92	76				
Rwanda	69	69	57	78		66	76	88		74	81	89	55	58	69	74	63	52			
Saint Kitts and Nevis	99*	94	99*	99	99	97	99	99	99	99	99	99	99	90	77	91	96	91	85		
Saint Lucia		89		95	90	95	95	94	94	94	72	87	83	91	83	81	91	68	60	36	43
Saint Vincent and the Grenadines	99	98	96	87	99*	99	99	99	99	99	99	99	96	99	97	91	88	91	92	59	40
Samoa	99	92	93	91	99*	99	96	96	94		90	77	89	82	75	78	91	81	83	78	59
San Marino			74	99*						96	99*	99*									
Sao Tome and Principe	85	75	69		59	60	57	74		57	52	77	71	45	69	69	58	35	48		
Saudi Arabia	97	94		92	93	92	92	94	93	91	88	95	88	86	81	77	77	79	71	65	53
Senegal	54	48	48	60	62	65	70	80	50	46	43	46	57	68	51			40			
Serbia and Montenegro	92	91	89	84		92	90	86	81	85	82	76	83	90	93	92	92	91	90	95	
Seychelles	98	95		99	93	99*	98	97	92		92		86		89	99*	95	90	77		
Sierra Leone	60	53	43	40	68	28	79	43	44	67	61	54	75		33			66	49	23	
Singapore	91	89		93	96	90		88	88	87	89	92	84	81	87	94	85	75	85	88	78
Slovakia	99	99	98	99	99	99	99	99	99	96	96	98	99								
Slovenia		94		98	93	82	93	93	91	90	90	81	90	91	91	91	89	89	90	87	83
Solomon Islands	67	78		96	64	68	90	68	60	64		76	70	92	69	58	31				
Somalia	45	35		26	47									30	33	29	25	34	16	6	4
South Africa	78	72	95	82	82		76	76		77	85	85	79	84	68	75	64	70	70	74	
Spain	97		94			93	90	90	90	90	83	85	97	97	84	85	83	79	68	40	27

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Reference MCV coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	99	99*	99	95	94	94	89	87	84	86	82	79	80	76	68	60	45	20	3		
Sudan	62	80	60	79	62	92	75	72	76	49	52	57	57	34	34	22	11	6	3	2	1
Suriname		90		85	82	78	99	79	66	60	61	84	65	73	90	70	78	73	4	14	17
Swaziland	72	72	80	82	82	92	82	94	94	85	85	80	85	85	85	69	74	54	50	46	62
Sweden		94	95			96	96	96	96	96	96	95	95	94	94	93	94	92	92	87	
Switzerland	79	81			81							83	90	90	70		70				
Syrian Arab Republic	98	93	94	97	97	93	95	90	84	86	84	84	87	80	52	63	63	30	20	18	14
Tajikistan	93	97	98	90	95	95	90	80	85	92	84	77	92	87	95	96	94	61			
Thailand	94	94	94	96			92	85	64	69	74	75	70	59	56	52	30	22	5		
T.F.Y.R. Macedonia	98	92	97	98	96	98	91	97	86	98	53	93									
Togo	48	33	43	47	34	41	25	39	59	63	64	66	65	56	66	57					
Tonga	90	93		97	96	97	95	94	86	87	87	90	86		81	88	37	81	43	67	44
Trinidad and Tobago	88	91	90	91	90	88	99	97	87	87	99	99	99	59	72	68	42	32	10		
Tunisia	94	92	85	99	94	92	86	91	87	90	94	82	88	83	83	74	67	65	55	42	43
Turkey	82	90	86			76	84	65	76	72	74	73	67	67	59	50	34			30	64
Turkmenistan	88	98	97	97	99	99*	98	92	90	84	76	63	80								
Tuvalu	99	99*		94	96	99*	94	94		64	66	63	95	79	90	65	65	92	71	65	
Uganda	77	61	56	63	53	64	70	82	79	73	68	74	74	60	49	48	32	17			
Ukraine	99	99	99	99	96	97	92	97	96	94	90	89	89								
United Arab Emirates	94	94	94	96	95	95	90	90	90	90	85	82		78	65	56	67	49	53	51	41
United Kingdom	83	85	88		91	91	92	92	92	92	92	90	89	84	76	76	71		62	58	55
United Republic of Tanzania	89	86	78	72	72	73	78	78	79	77	81	79	80	79	83	78	97	66	55	60	50
United States of America	91	91	91	92	92	91	91	88	89	84	83				98	82	97	97	98	98	97
Uruguay		94	89	99	96	92	89	90	90	90	92	96	97	82	72	88	79	59	66	65	52
Uzbekistan	97	99	99	96	96	88	95	91	71	82	84	84	85	81	90	89	90	92	73		
Vanuatu	44	94	94	94	94	65	61	60	53	74	66	63	66	50	46	34	22	26	18	23	20
Venezuela		49	84	82	94	65	64	66	94	63	61	63	61	50	51	57	48	56	41	42	45
Viet Nam	96	97	97	93	96	96	96	96	96	93	90	88	85	89	66	42	39	19	4	4	1
Yemen	65	79	71	74	66	46	50	53	42	51	46	57	74	48	34	22	13	11	7	5	4
Zambia	83		85	72		69	93	85	89	61	60	89	68	59	66	65	36		49		
Zimbabwe	56	68	70	79	65	73	77	83	79	72	72	87	76	79	81	80	74	78	62		



Reference Pol3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	48	46	32	36	37	37	31		8	18		23	25	33	35	25	11	15	16		
Albania	98	97	97	97	97	99	99*	98	98	98	97	82		96	96	94	94	94	92		
Algeria	86	89		83	80	79	77	83	75	73	78	82	81	81		66					
Andorra						90															
Angola	42	44	33	21	45	38	26	41	28	28	21	26	23	19	13	16					
Antigua and Barbuda	90	99*		99	99*	99	99		99	99	99	97	99	99*	99	95	96	99*	93	99	90
Argentina	91	88	85	91	74	91	90	90	85	82	85	86	90	86	91	85	79	69	72	73	92
Armenia	96	97	96	97	96	95	97	93	92	92	92	92	93								
Australia	93	92	91	88	86	86	86	86					72							94	
Austria	83		71			95	95	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Azerbaijan	99*	99	99	99	98	98	97	98	94	94	96	98	90								
Bahamas		98	91	82	88	86	85	99	88	91	89	91	86	82	84	76	91	84	72	65	67
Bangladesh	70	66	68	66	78	98	98	92	95	91	98	84	69	49	16	8	4	2	1	1	1
Barbados		87	56	86	93	96	85	93	91	88	89	84	90	80	73	68	80	83	77	62	63
Belarus	99	99	99	99	99	98	98	96	92	91	90	90	90	90	87	86	84	83	82	82	83
Belgium		95					94	92		94		93	95	95	95	97	99		95	90	90
Belize	93	96	89	84	87	85	85	83	84	89	91	82	86	71	73	69	81	61	61	61	52
Benin	93	84	88	90	81	78	80	89	86	77	79	68	78	48	30	25	17	16			
Bhutan	89	88	98	89	85	87	86	86	84	77	71	95	84	76	77	63	54	52	52	14	10
Bolivia		90	89	89	75	78	82	90	85	83	84	67	50	49	40	28	31	30	46	10	12
Bosnia and Herzegovina	92	92	87	90	89	80		69	69	45	65	93									
Botswana	85	75	85	72	73	80	81	80	78	57	58	50	53	54	51	47	61	67	68	69	70
Brazil	97	95	95	98	96	89	78	82	89	91	96	95	92	97	89	90	85	86	89	99	99
Brunei Darussalam		99*	99	97	98	99				99*	95		99*				86	88	94	90	99
Bulgaria	94	94	98		97	96	95	97	94	97	99	99	99	99	99	99*	99*	99	99		
Burkina Faso	69	68	57	34	40	70	48	47	41	47	39				23	34	21				
Burundi	89	61	64	59	55	60	52	62	50	69	82	77	85	86		46	56			20	
Cambodia	54	59	62	65	64	70	76	80	54	36	32	39	39	48	45	51					
Cameroon	63	43	49	48	48	47	43	46	36	34	37	33	34		19				26	25	
Canada									89							85					
Cape Verde	94	77	86	70	79	77	73	73		99*	99*	99*	87	99*	85	87	60	39			
Central African Republic	13	22	31	33	47		53	50	40		30	65	57	43	30	18	19	20	17	16	14

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Reference Pol3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad	40	24	29	34	24	24	20	18	18	12	10	18	16	19	12	13					
Chile	95	99*	98	95	93	96	91	94	92	89	90	94	97	94	96	95	86	89	90	80	88
China	98	79	90	85	98	97	96	94	94	95	95	96	98	96	96	78	68	87	78	81	80
Colombia	83	83	78	75	72	76	95	95	95	85	84	91	93	90	94	82	53	61	68	44	27
Comoros	98	70	70		75	48	60	78	58	70	46	55	94	78	44	73	24		32		
Congo	41	32		29		21	75	47		60	65	77	94	66	50	57	68				
Cook Islands	99*	92	94	70	95	92	75	93	86	99*	87	87	83	89	94	82	82	91	96	47	57
Costa Rica	94	92	80	84	85	97	85	84	88	88	91	89	95	86	86	92	87	88	94	86	80
Côte d'Ivoire	54	57	72		69	70	55	41	41	50	49	51	56	42		71					
Croatia	95	94	94	93	93	92	91	90	87	86	85	85									
Cuba			99	96	97	97	89	95	96	97	99	97	94	96	98	86	99	88	95	94	83
Cyprus	98		97			98	98	96						93	90	93	91		31	36	27
Czech Republic	97	97	97	98	97	97	98	98	98	99	99	99									
D.P.R. Korea	99*	98	98	99*	96	96	99*	96	99	99	99	98	99								
Democratic Republic of the Congo	45	33	42	21	18	18	18	24	29	29	31	16	36	38	41	38	39	68	66	66	61
Denmark	98	97		99	99	78		99*	99*	95	98	99	97	99*	99*	99*	94		94	94	97
Djibouti	62	49	46	24	23	62	49	63	57	41	84	81	85	77	65	60	26	30	21		
Dominica	98	99	99	99	99	99	99		92	99	99	94	98	94	97	95	92	89	82	92	73
Dominican Republic	86	87	67	84	80	81	80	73	98	82	63	64	90	70	65	79	79	39	99	22	43
Ecuador	90	92	83	70	83	77	88	69	78	79	79	67	77	64	57	51	43	39	47	32	35
Egypt	97	99	98	97	95	94	91	90	91	89	89	86	87	90	89	82	89	84	78		
El Salvador	81	94	98	92	99	96	94	94	89	79	61	61	80	64	63	57	51	54	30	20	42
Equatorial Guinea	72	33	32	40		81	64	64		60	64			15	46		4				
Eritrea	70	65	52	56	60	60	46	35	36	28											
Estonia	98	94	93	95	94	94	93	87	87	84	84	84	86				88	85	83	83	82
Ethiopia	49	50	42	40	37	41	42	57	36	28	12	21	49	26	16	16	7	6	4	4	3
Fiji	99*	99*			88	88	99	99	84	96		99*	87	78	99*	92	73	68	72	64	60
Finland	95	95				95	99*	99*	98	99*	99*	97	90	90	99		95			78	78
France	98					97	97	97	97	95	95	92	85	84	81		97		97	92	
Gabon	60	70	52	31		54	41	56	48	66			78	71	65	59	48	44			
Gambia	90	87	89	88	95	99	87	98	97	96	94	94	94	92	88	80	67	62	76	70	76
Georgia	90	81	98	98	95	98	94	82	82	82	68	45	87								

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Reference Pol3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Germany			95			80	80	80	80	80	80	90	85		94	95	95	80			
Ghana	99*	79	83	72	69	61	52	50	48	47	39	40	50	36	37	18	13		19	23	25
Greece				87		95	95	95	95	95	95	77	96	96	98	97	97	96	98		
Grenada	98	96	97	87	95	95	80	77	85	91	90	82	69	86	64	81	92	77	75	72	61
Guatemala	94	92	95	88	88	83	73	80	73	77	70	69	74	64	58	18	39	24	48	44	45
Guinea	58	57	57	57	56	53	48	73	73		52	41	20	17			1				
Guinea-Bissau	50	52		12		60	54	45	69	64	66	63	60	58	70	54	30	18	4		
Guyana	93	90	78	83	90	88	83	87	90	92	87	84	78	79	69	77	67	77	67	59	73
Haiti	41	53	58	58	37	32		32	27	30	30		40	50	48	28	24	19	13	6	6
Honduras	95	95	86	95	98	95	94	94	95	95	94	93	87	86	70	61	63	58	73	51	47
Hungary	99*	99*	99*	99*	99*	99*	99*	99	99	99	99*	98	99	99	99	99	99	99	98	98	99
Iceland		91	95			99*	99*	99	99	99	94	99	99	99	99		99		99	97	98
India	70	70	95	93	90	94	93	92	95	94	91	91	99*	99*	88	83	73	94	82	99*	87
Indonesia	75	77	74	90	93	87	89	89	93	91	95	92	89	77	73	65	44	24	12	6	1
Iran (Islamic Republic of)	99*	95	99*	99*	99*	99*	97	98	96	99	97	88	90	82	88	66	58	63	50	34	74
Iraq		82	86	89	86	92	95	91	87	88	81	63	83	97	86	76	91			16	2
Ireland		84		86	85	76							81	81	72			90	74	76	79
Israel	93	92	92		96	95	95	96	97	97	96	94	93	93	94	93	93	86	87	88	93
Italy				97	96	98	97	98	98	97	97	98	98	75	85	81	95		90	90	
Jamaica		91	86	84	85	90	92	90	94	93	74	86	87	84	83	82	74	58	57	57	72
Japan	99*	81	99			97	99	97		91	94	94	90	93		95			95		
Jordan	95	97	94	85	91	98	99*	99	96	94	96	92	92	94	98	89	88	54	41	77	84
Kazakhstan	95	95	97	99*	99*	99*	98	94	69	69	87	84	85								
Kenya	83	78	62	81	64	36	77	84	52	43	40	44	44	34	24		72	70			
Kingdom of Bahrain	98	99	97	97	98	98	96	95	96	94	94	99	94	96	96	88	80	64	83		
Kiribati		88	90	77	83	93	82	58	81	99*	90	76	97	86	62	5		15	23	25	40
Kuwait			94	94	94	99*	99*	99*	99*	97				94	94	93	91	91	89	90	84
Kyrgyzstan	99	99	99	99	97	99	94	96	84	69	91	87	99								
Lao People's Democratic Republic	55	55	57	64	67	69	68	64	58	26	27	22	26	22	17	10	6	4	24		
Latvia	98	97	96	99*	94	76	77	72	72	83	95	91	92								
Lebanon		93	90	94	96	92	94	94		87	89	86	82	78	33	91	30	60	4		
Lesotho	60	64	67	57	66	54	48	49	57	70	66	67	73	80	94	71	68	68	60	80	68

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Reference Pol3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Liberia	50	61	52	25	19		45	45								28					
Libyan Arab Jamahiriya	94	94		94	95	96	96	95	95	96	90	87	84	87	84	82	82	81	81	79	72
Lithuania	97	97	92	88	88	95	93	89	88	86	88	79	77	87	84						
Luxembourg						98	98				90		90	90	90	90				90	
Madagascar	61	37	81	71	59	60	73	73	64	66	64	51	69	47	41	34	28	21	13	11	8
Malawi	79	86	73	77	93	94	82	89	98	91	98	96	93	90	72	86	74	56	53	58	37
Malaysia	97	95	95	93	93	90	92	90	90	89	93	91	90	76	67	68	62	67	64	61	66
Maldives	98	98	97	98	97	97	96	97	97	98	98	97	94	91	86	42	42	28	10		
Mali	74	51	32	52	53	52	52	49	39	46	33	36	42	26	18	6	3				
Malta	95	70	94		92		92	92	78	83	81	86	86	88	79	87	73	84	90		
Marshall Islands	80	73	36	86	86	71	77	64	62	52		71	89		37	33					
Mauritania	80	58	31	26		28	50	50	50	44	39	28	33	28	24	10	11				
Mauritius		93	88	85	90	90	90	93	89	89	88	91	86	86	87	96	97	91	87	91	96
Mexico	92	89	89	96	96	95	95	92	92	87	92	95	96	96	95	97	96	67	99	88	99
Micronesia (Federated States of)		79	85	76	79	75		81	81	79		78	85		71	56					
Monaco				99*				99	99		98	98	99*	99*	99*						
Mongolia	98	95	94	94	94	93	90	86	77	79	54	78	87	77	70	71	90	99*	77	50	99
Morocco	95	93	95	91	93	95	95	90	87	86	87	81	81	80	82	85	54	51	45	41	32
Mozambique	37	71	87	81	78	61	60	57	55	49	50	46	46	47	38	39	32	25	32	38	43
Myanmar	77	79	86	87	88	90	87	84	77	90	87	84	69	45	29	10	4	3	2	3	1
Namibia	78	64	80	72	74	65	71	74	80	79	87	82		39							
Nauru	59	99*	27	64	72	36		56					74	70	67	55		73	52		
Nepal	72	92	80	76	70	78	76	66	63	69	72	74	79	72	76	43	34	20	6	4	3
Netherlands	98				97	95	97	97	97	97	97	97	97	97	97	97	97	97	97	97	96
New Zealand		82	82	85	82	99*		87	84		68	68				74	84	84	84	72	
Nicaragua	85	92	93	93	91	99	99	96	84	94	80	83	87	85	83	92	85	80	75	80	82
Niger	25	30	36	25	53	60	55	42	39	38	37	39	35	13	9						
Nigeria			38		22	45	26	31	45	29	38	42	55	47	36	21		10	3		
Niue	99*	99*	99*	99*	99*	99*	99*	99*		99*		99*		99*	99*	99*			43		
Norway	91	95	96			91	92	92	93	92	98	93	84	84	84	80	84	90	90	90	90
Oman	99*	99*	99*	99*	99	99	99*	99*	97	97	99	95	98	98	90	89	82	60	45	31	24
Pakistan	71	74	74	80	79	74	77	57	65	74	78	81	83	73	64	62	56	30	44	15	5

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Reference Pol3 coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Palau	99		96	96	96	90	99*	99*	34	99*		98	99*			98					
Panama	85	72	99*	96	99	99	92	86	83	83	77	82	86	72	73	75	70	71	61	60	61
Papua New Guinea	38	28	46	45	46	35	57	67	66	46	63	64	67	52	48	46	42	34	32	27	27
Paraguay	87	90	72	74	81	82	81	80	80	79	88	81	78	41	90	81	90	99*	68	47	38
Peru	95	92		96	96	97	99	93	87	88	85	74	73	60	61	45	50	47	28	22	23
Philippines	70	90	75		87	90	90	86	87	89	92	90	88	85	78	73	52	54	51	52	51
Poland	98	98	98	98		98	97	96	96	95	95	94	96	96	96	96	95	94	95	95	95
Portugal			96		96	93	95	96	96	92	93	95	89	88	81	81	78	29	21	20	18
Qatar	96	94	90	92	94	92	92	92	91	90	88	86	82	81	69	86	70	71	60	49	37
Republic of Korea	99	59	99		71	81		99*	93				74	88		93	80	80	80	78	
Republic of Moldova	98	93	92	98	98	98	99	97	94	92	93	89	91	92	94	95	96	94	93	95	97
Romania		99	99	98	98	97	97	94	94	91	92	90	92	95	92	90	90	92			
Russian Federation	97	97		97	94	91	87	77	68	82	69	72	69	69	61	50	57				
Rwanda	85	76	90	85		77	98	90		83	85	89	58	68	78	78	80	56			
Saint Kitts and Nevis	97	99*	99	99	98	99	98	99	99	99	99	99	99	99	93	98	99	89	97	91	93
Saint Lucia		99*	70	89	88	98	88	98	97	97	95	96	90	93	87	86	88	44	84	80	81
Saint Vincent and the Grenadines	99*	99*	99*	99	99*	99	99	97	99	99	99	99	92	97	97	96	95	89	90	84	99
Samoa	96	92	99*	98	99*	99*	95	94	93		91	79	88	66	90	93	94	92	96	89	87
San Marino			96							99*	99*	99*									99
Sao Tome and Principe	92		87		72	73	68	79		60	67	87	90	62	72	72	66	48	48		
Saudi Arabia	95	97		93	94	92	93	96	95	94	91	91	92								
Senegal	60	49	49	60	60	65	70	80	57	52	46	51	66	71	58			54			
Serbia and Montenegro	95	93	98	92		94	91	90	84	83	84	81	81	90	92	90	89	90	89	85	
Seychelles	99	96		99	99	98	99*	98	96		96		99		97	89	94	86	95		
Sierra Leone	50	38	26	43	56	26	65	43	41	63	64	56	83		21				22	23	9
Singapore	92	91		95	96	94		93	94	92	92	91	85	90	90	95	94	81	81	86	83
Slovakia	98	99	99	99	98	98	98	98	98	99	99	99	99								
Slovenia		93		93	90	92	98	98	98	98	98	96	95	95	95	94	93	91	89	90	89
Solomon Islands	68	80		84	69	70	98	69	65	71		74	75	66	63	41	41	36	41	27	22
Somalia	40	33	37	18	24									18	26	25	17	22	10	5	4
South Africa	84	80	96	72			73	72		81	79	82	76	87	70	75	70	77	76	80	
Spain	96		95			94	91	88	88	88	85	88	94	94	94	82	75	73	91		

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Reference Pol3 coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sri Lanka	98	99*	99*	99	94	98	92	92	89	90	88	86	86	88	85	79	75	71	65	64	56
Sudan	64	71	65	78	68	78	80	74	70	51	53	62	62	40	40	29	14	8	4	3	2
Suriname		80		84	90	81	84	81	71	76	72	72	81	71	71	70	80	85	79	83	53
Swaziland	76	76	97	97	99*	86	81	81	96	86	93	79	89	89	89	74	72	59	49	43	39
Sweden		99	99			99	99	99	99	99	99	99	99	98	98	98	98	98	98	99	99
Switzerland	94	92										95	98	98	95		98				
Syrian Arab Republic	99	95	97	97	97	95	96	92	89	90	89	89	90	87	59	86	86	26	22	20	14
Tajikistan	97	97	97	96	95	92	91	92	92	77	95	88	86	90	90	91	92				
Thailand	97	97	97	97		95	96	94	72	79	84	90	89	83	74	71	46	47	44	50	39
T.F.Y.R. Macedonia	97	91	96	95	94	97	94	95	91	99	94	94									
Timor-Leste	56																				
Togo	58	44	50	48	35	40	27	46	71	75	77	83	78	65	64	55					
Tonga	90	95	95	94	97	96	99	93	90	96	99*	92	93		92	87	73	81	46	57	80
Trinidad and Tobago	90	91	90	90	91	91	99	97	78	78	87	81	89	77	83	80	71	74	66	61	59
Tunisia	96	98	96	99*	96	96	91	92	91	99	99*	93	91	92	91	75	72	70	61	62	52
Turkey	78	88	85		76	79	84	67	81	76	78	81	74	74	68	71	45			59	61
Turkmenistan	99	94	98	98	99	99	98	96	94	92	91	91	92								
Tuvalu	98	96	80	83	94	78	85	91	74	79	85	85	90	66	91	59	73	97	74	83	79
Uganda	73	60	53	63	52	62	71	78	78	74	71	77	77	60	40	40	21	13			
Ukraine	99	99	99	98	98	99	99	97	96	91	89	86	81								
United Arab Emirates	94	94	94	94	94	92	90	90	90	90	86	85		89	73	75	65	58	59	50	46
United Kingdom	91	94	92		93	93	96	94	94	94	94	92	90	89	87	87	85		78	83	73
United Republic of Tanzania	90	65	64	74	79	79	73	79	83	78	82	81	78	66	82	80	73	64	47	49	48
United States of America	90	89	90	90	91	91	91	88	84	79	72				97	24	97	96	97	97	97
Uruguay		94	90	93	91	91	91	91	91	92	93	96	97	88	82	85	64	58	80	77	73
Uzbekistan	99	99*	96	99	99	97	97	79	79	51	85	89	90	61	50	95	93	93	96	92	92
Vanuatu	53	87	87	87	87	67	68	74	74	87	78	82	78	70	58	53	31	27	27	18	17
Venezuela		88	86	87	64	73	73	85	72	74	73	74	71	67	74	64	64	59	61	77	76
Viet Nam	92	97	96	93	94	95	94	94	94	91	88	88	85	89	70	51	45	62	5	2	
Yemen	69	76	76	72	68	57	54	53	44	54	50	62	89	56	36	18	11	10	6	4	3
Zambia	85		79	92		70	83	82	90	66	63	90	70	59	61	66	40		50		
Zimbabwe	71	75	70	81	70	79	80	84	80	73	81	88	78	83	79	85	82	76	61		

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Reference TT2plus coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	37	35	20	18	11	11	10		3	6			2	20	9	6	14	11	4		
Albania	71	80	89	77	65	99	98	97	99*	96	94	78									
Algeria	55	55				52	36	36	36	38	18	6	5	3							
Andorra						90															
Angola	14	60		72	30	26	9	28	18	6	26	23	21	21	21	19	20	16			9
Antigua and Barbuda	1																				
Armenia						88	86	98	86	85	85	83									
Austria						90	90	90	90	90	90	90									
Azerbaijan						96	96	99*	90	28	72	93									
Bahamas																68					
Bangladesh	89	90	89	85	86	94	90	87	81	62	65	78	73	25	12	7	4	2	1	1	1
Barbados												99*									
Belarus						98	98	96	92	91	87	86									
Belgium							95	94		97		92									
Belize	74																			94	88
Benin	75	64	81	90	66	73	75	81	47	43	40	71	46	20	11	9	4				
Bhutan		78	76	51	80	70	70	70	60	45	44	63	63	37	11	13	5	3	3		
Bolivia											47	20		20		3					
Bosnia and Herzegovina						79		55	82	38	58	85									
Botswana	49	46	45	56	54	49	61	56	97	46	46	42	43	44		38	31	28	34	29	23
Brazil	47	99*	99*									62				62					
Brunei Darussalam			72	45	52	76				50	50	27		35	38	38	45	49	50	33	
Bulgaria						94	95	94	93	98	98	99									
Burkina Faso	44	37		30	21	44	27	47	41	36	34			52	15	14	9	4			
Burundi	42	32	28	2	9	32	33	33	53	47	56		56	56		49	32	18	15	12	
Cambodia	36	40	40	33	31	31	36	36	28	22	6										7
Cameroon	45	36	40	44	38	32	12	12	9	8	19	11	12		15						
Cape Verde		26	45	52	51	55	4	4		98	99	99*	90		86						
Central African Republic	15	18	20	23	6		15	15	10		18	74	65	41	26	16	17	17	19	15	15
Chad		11	12		27	29	19	54	54	56	6	7	8	16	9	9					
China									11	10	2										
Colombia		4									14	55	40								

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

Reference TT2plus coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Comoros		40	40		22	15	25	55		32	13	19	77	61	24	26	20	10	16		
Congo	41	39	39	33		30	68	55		53	70	73	52	32		39	67				
Cook Islands	15	14	15	79	29	91	62		68	80	51	59	34			23		23			
Costa Rica														90		20					
Côte d'Ivoire	41	61	78		49	44	22	22	19	37	35			34							
Croatia		97	97			92	91	90	87	85	83	85									
Cuba												55				88					
Cyprus																			30	49	
Czech Republic						98	97	96	98	99	99	99									
D.P.R. Korea	97	80	84		5		80	95	99	97	97	96	98	99							
Democratic Republic of the Congo	44	22	25	9	10	10	20	20	35	25	25	11	37	39	43	25	28	36	28		
Denmark								97	99*	95	98	99									
Djibouti	34	29	15	14	16	45	47	37	23	65	89	88	80	48	59	10	5	10	19		
Dominica			20																		
Dominican Republic	86	8				77				87	3	87		24		25		25	25	25	26
Ecuador		49	31									19		5		12			11	6	4
Egypt	70	70	71	66	61	61	57	66	65	78	69	71	61	66	73	4	4	4	3		
El Salvador		9									47			19					20	21	
Equatorial Guinea	13	13	30			64	63	63		50	57			46				16			
Eritrea	50	65	25	28	34	32	23	13	21	5											
Estonia						94	93	89	87	86	83	84									
Ethiopia	24	29	32	31	24	40	27	25	16	12	9	6	16	24	10	7	5	4	3	3	2
Fiji	98	80				90	82		68	99*			6								
Finland							99*	99*	99	99	99	95									
France						98	97	97	97	95	95	92									
Gabon	50	20	16	25		4	4	29	13	52			86		60	55		32			
Gambia	95	80	90	89	96	86	92	92	71	84	65		73	70	70	60		83			
Georgia						92	92	54	58	54	58	45									
Germany						85	80	80	80	80	80	90	80								
Ghana	97		73	52	18	89	14	20	11	23	11	10	19	25	28		42			7	9
Greece						90	90	90	90	89	89	85									
Grenada	44																				



Reference TT2plus coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Guatemala	78	20	22								33	14	27	22		12					
Guinea	53	43	43	48	48	45	43	66	66		51	29	21	20			6				
Guinea-Bissau	80	41		13		46	20	72	55	41	35	35	31	29	20	22	16	10	6		
Guyana		83	81													47					
Haiti	26														23	31					
Honduras			99*								48	72	49	42		46		10	14	14	
Hungary						99*	99*	99*	99	99	99*	99*									
Iceland						99*	99*	99	99	99	99	99									
India	86	76	80	80		80	75	77	81	82	79	78	78	59	65	57	45	40	35	31	30
Indonesia	70	64	81	81		78	73	70	70	64	62	60	61	41	29	27	26	24	19	18	15
Iran (Islamic Republic of)	35	36	46	48	75	59	50	45	51	82	44	77	63	50	48	30	29	23	13	4	3
Iraq		82	55	51	45	56	65	71	77	51	55	45	63	27		53	43				2
Ireland						76															
Israel						92	93	94	92	93	90	94									
Italy						95	95	95	95	95	95	95									
Jamaica		77	55																		
Jordan	36	20	23	18	22	31	41	24	24	31	32	31		23	54	40	28	52	9		
Kazakhstan						97	95	93	85	92	85	83									
Kenya	60	85	51	51	64		21	40	43	48		38	45	45	34	62		40			
Kingdom of Bahrain	59	67	71	71	80	66	54	49	45	49	41	34	41	19	22	4	6	25	28		
Kiribati			50	39	74		41	38	40	78	56	43	54	42	2			2	5	9	
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 Republic	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									
Lesotho						17	10	10	10	8	8	5									
Liberia	41	56	25	12	42		35	35	35							10	12	6	9		
Libyan Arab Jamahiriya		39									40		18	6	9			12			
Lithuania						92	92	97	87	87	86	75									
Luxembourg						98	98														
Madagascar	35	48	40	35	30	30	17	21	19	16	17	17	31	32	32	28	30	22	18	16	1
Malawi	60	71	61	60	81	74	56	78	76	69	66	76	76	72	63	40	45	21	31	1	

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

Reference TT2plus coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Malaysia	84	87	89	81	71	81	81	80	79	81	84	82	82	82	59	52	51	50	13	18	16
Maldives	96	98	99*	95	91	96	95	94	94	94	93	93	89	62	43	40	21	20	3	15	28
Mali	44	18	62	62			19	20	17	19	19	33	37	31	22	8	3				
Malta							92	92		83	82	86									
Marshall Islands	85	53	53			56	59	58	15	9	8	4									
Mauritania	40	31		13		63	28	28	27	22	30	22	15	14	9	26	18	12	12	15	8
Mauritius		74	76	75			78	78	78		79		58	61	74	65	57	18	10	1	1
Mexico			78													42					
Micronesia (Federated States of)																44					
Monaco								99	99		98	98									
Morocco	26	42	90	36	33	42	46	78		87	75	72	64	64		32					
Mozambique		45	61	53	41		36	36	20	24	30	30	21	28	19	19	17	40			
Myanmar	71	63	81	62	78	83	79	76	68	81	82	81	56	42	29	28	26	20	18	13	11
Namibia	71	85	60	81	70	78	75	25	57	40	32	36	50								
Nepal	60	60	60	65	65	19	18	19	18	19	22	24	23	21	30	17	25	14	12	11	8
Netherlands						95	97	97	97	97	97	97									
Nicaragua	74	22	95		23					49	39			25		24					
Niger	36	41	31	10	41	33	36	36		43	40	35	11	10	6		3				
Nigeria					29	65	34	34	27	33	29	29	56	20	22	17	12	7	6		
Niue						40				99*											
Norway						95	97	97	93	94	98	96									
Oman	45	47	44	97	96	98	51	54	71	95	83	81	97	90	86		15	87	27		
Pakistan	56	51	51	60	58	57	54	42	42	46	44	41	40	29	21	27	17	9	7	4	1
Palau						99*				2				99*		97					
Panama		4	32									24		27		20					
Papua New Guinea	34	34	10	14	11	62	65		41	27	39	75	81	60	62	26	17	22	4		
Paraguay	42	11									87	54	55			58					
Peru						57						21		12		4					
Philippines	45	60	58			53	43	48	36	68	70	54	47	44	37	31	24	22	16	20	14
Poland						98	97	96	96	95	95	95									
Portugal						94	95	93	97	93	94	96									
Republic of Moldova						98	98	99	92	97	89	86									

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Reference TT2plus coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Romania	38					97	98	98	98	91	98	98									
Russian Federation						96	95	93	88	79	73	99*									
Rwanda	58	37		83			43	88		44	88	88	87	47	44	37	26	21			
Saint Lucia		31																			
Saint Vincent and the Grenadines		91																			
Samoa	97	99	99*	91	99	99*	98	98	96			71	70	63	54	51	49	20			
San Marino							99	99	88	99	99*	99*									
Sao Tome and Principe	84		75		31	62	49	40	40	42	56	58	65		50	63	61	50	43		
Saudi Arabia					66	66	66	62		62	44										
Senegal	57	45	45	82	34	34	39	39	32	30	26	33	37	32				8			
Serbia and Montenegro						94	91	85	85	85	84	79									
Seychelles	99*	99		99		99*	99*	99*	99*		99*		99*	98			98				
Sierra Leone	60	42	20		42	11	70	54	29	81		80	81		79			17	17	17	10
Slovakia						99	99	99	99	99	99	99*									
Slovenia						94	98	98	98	98	98	98									
Solomon Islands	50	52			55	54		71	56	53	65	65	64	57	52	43	23	25	22		
Somalia	60	39	22	16	41									5	37	28	22	14	8	5	3
South Africa	52	60	65				26	26			26										
Spain						94	90	90	88	87	84	86									
Sri Lanka	95	99*	99*	91	78	89	89	81	79	84	84	74	68	56	54	51	44	41	47	46	46
Sudan	35	37	34	62	55	53	44	68	56	48	52	70	75	25	17	12	6	3	2	2	1
Suriname																99					
Swaziland	89	89	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	40	42	20	94	53	51	78	66	65	86	65		63	19	7	15	6	5	4		
Tajikistan						95	90	96	95	78	92	94									
Thailand	90	90	90	90		83	85	93	90	67	75	73	76	64	56	60	34	35	32	40	37
T.F.Y.R. Macedonia						97	93	95	88	90	85	93									
Timor-Leste	47																				
Togo	38	40	47	47	32		43	43	13	17	14	16	35	37	76						
Tonga	93	81	94	95	93	92	95	83	88	94	68	68	65		56	22	22	22	14	26	20

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Reference TT2plus coverage: Official country estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Trinidad and Tobago												19									
Tunisia				50	50	50	48	48	46	50	48	33	32	32	34	25	12	7			2
Turkey	37	38	36		36	36	32	29	29	76	78	81	18	15	12						
Turkmenistan						98	97	93	90	73	84	81									
Tuvalu		52	65		71	44		53			16	76	90	79	71	57	13	24	43	40	50
Uganda	50	45	42	40	38	45	58	72	76	84	83	39	31	20	14	13	7	5			
Ukraine					87	99*	98	98	97	93	88	85									
United Kingdom						93	96	93	94	94	94	92									
United Republic of Tanzania	86	83	77	77		27	31	31	25	72	22	19	65	63	48	50	46	37	31	32	31
Uruguay														13							
Uzbekistan						96	97	89	67	62	83	90									
Vanuatu		89	88	88	78	8	15	18	10	47	47	13	43	13	13	20	16	19	5	7	
Venezuela		23																			
Viet Nam	89	89	90	85	83	91	96	82	78	71	35	16	22	19	5						
Yemen	39	32	31	26	26	16	23	23	11	6	8	8	15	5	2	7	2	3			
Zambia	87		61	55		37	85	85	68	43	20	68		42	35	40	40				
Zimbabwe	40	60	60	58	58	70	65	11	53	53	50	45	43	40	42	46	52	43	34		



Reference YFV coverage: Official country estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Angola	46	46	29	53	45	37	18	24	34	32	22	35										
Benin	27																					
Bolivia		40	12																			
Brazil	96	39	99*		38																	
Burkina Faso	61	52	56	33	47	27		55	45	42	41	78	65		35	63						
Central African Republic	31	24	19	33	36			52	36		35	60	40									
Chad	52	33	36	43	25				28	16	24											
Côte d'Ivoire	51	53	65		57	59	53	43	38	37	35	44				80						
Democratic Republic of the Congo											8											
Ecuador	99*	99*	28																			
Gabon		30					35					23										
Gambia	90	90	85	87		91			68	50	87	87		86	87	81	73	70				
Ghana	99*	87	74	60	4		28	24	22	33	3											
Guinea	17																					
Guyana		90	83		7																	
Kenya	60		11					11	7	27	27											
Liberia	18	35																				
Mali	31	8		13	10				3		9											
Marshall Islands	70																					
Mauritania													32	35								
Niger	31	30	10					27	17	19	22	18			24							
Nigeria										1												
Panama					10	7																
Peru		26	8																			
Sao Tome and Principe									2	1	2											
Senegal	53	34	34	43	50				46	46	41	59				72						
Seychelles	95	75		99	96																	
Sierra Leone	60																					
Suriname		80																				
Togo										14	37											
Trinidad and Tobago	88	91			91																	
Venezuela		31			79																	

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Reference YFV coverage: Official country estimates

2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
											8										

Zambia





Coverage estimates index



BCG:	R-333
DTP3:	R-339
HepB3	R-345
MCV:	R-349
Pol3:	R-355
PAB:	R-360

Source: The data are reported annually to the WHO by WHO member states.

Reference BCG coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	59	54	38	48	45	55	47	31	15	17	19	21	30	38	40	27	18	17	11	10	10
Albania	94	93	93	93	87	94	94	97	87	82	81	80	94	94	92	92	92	92	90	90	92
Algeria	98	97	97	97	95	94	94	93	93	95	97	98	99	96	96	93	88	86			
Angola	82	75	56	52	72	70	65	60	48	53	47	53	48	47	32	29	32	28	28	25	
Argentina	99	99	99	99	92	99	99	99	99	99	99	99	99	94	99	91	88	89	73	61	72
Armenia	97	97	97	93	95	72	82	84	83	84	88										
Austria														90	90	90	90	90	90	90	90
Azerbaijan	99	98	99	99	96	94	90	93	50	19	55										
Bangladesh	95	94	95	94	92	92	90	93	95	93	89	87	86	56	26	15	4	2	2	2	1
Belarus	99	99	99	99	99	98	97	96	94	93	95										
Belize	97	98	95	96	93	95	90	92	92	94	99	93	86	87	97	92	80	81	82	81	75
Benin	94	94	94	91	80	78	80	85	94	89	84	82	92	75	50	46	41	27			
Bhutan	83	81	97	90	94	92	98	98	96	89	90	95	99	93	73	67	60	54	47	46	45
Bolivia	94	94	95	96	85	88	98	87	92	84	81	67	65	64	56	55	53	24	23	27	31
Bosnia and Herzegovina	91	95	93	99	92	97	80	64	85	24	20										
Botswana	99	99	99	99	98	98	97	96	96	95	94	93	93	92	95	99	98	97	95	94	93
Brazil	99	99	99	99	99	99	99	99	95	95	90	87	79	74	74	68	65	63	75	66	64
Brunei Darussalam	99	99	99	98	96	99	99	99	99	99	97	94	91	88	85	84	85	95	90	99	99
Bulgaria	98	98	97	98	98	97	98	99	98	99	99	99	99	99	99	99	99	99	99	98	98
Burkina Faso	72	72	72	72	72	71	70	69	75	80	85	88	95	83	70	57	52	33			
Burundi	84	84	84	84	86	88	90	92	62	74	90	93	96	99	54	66	77	59	65	37	51
Cambodia	63	64	81	71	69	67	68	69	63	57	50	56	52	55	58	47	47	33	27		
Cameroon	77	77	77	77	76	75	69	62	59	58	62	69	76	76	71	65	60	54	49	46	27
Cape Verde	92	84	92	75	84	80	80	80	95	99	99	99	97	99	99	99	93	64			
Central African Republic	70	70	64	62	70	78	86	94	77	90	85	82	93	86	53	42	37	34	32	29	24
Chad	67	44	50	45	43	45	39	43	43	34	34	40	59	59	38	32	24	15	8		
Chile	94	99	97	94	97	98	91	94	91	93	93	91	94	94	98	97	99	90	90	87	94
China	77	77	85	96	96	96	97	92	94	93	94	96	99	98	98	85	70	64	59	34	
Colombia	85	86	86	93	95	97	99	99	99	94	88	95	95	94	99	80	70	76	69	79	65
Comoros	90	90	90	85	84	55	55	95	94	95	81	71	99	95	72	97	97	77	56		
Congo	51	53	50	39	34	29	51	58	61	63	75	89	90	90	88	87	86	89	80	90	91
Cook Islands	95	99	99	74	99	84	90	96	99	94	94	96	99	94	90	89	87	99	60	74	59





Reference BCG coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Costa Rica	91	87	92	89	87	82	92	99	94	98	94	81	92	89	86	83	79	82	86	83	81
Côte d'Ivoire	66	72	84	84	83	73	68	69	75	74	70	65	62	47	52	53	41	29	17		
Croatia	99	97	99	96	97	98	99	99	98	98	92										
Cuba	99	99	99	99	99	99	93	99	99	97	98	98	98	97	99	96	99	98	97	96	97
Czech Republic	97	98	98	98	98	97	96	95	95	98											
Democratic Republic of the Congo	55	45	57	30	25	25	25	34	46	43	32	21	65	55	59	57	51	57	62	65	62
Djibouti	52	38	34	26	35	43	51	51	51	51	51	66	81	80	87	42	38	37	36	36	5
Dominica	98	99	99	99	99	99	99	96	92	99	99	99	99	99	98	98	87	93	84	99	48
Dominican Republic	99	96	90	90	86	88	79	90	87	84	79	74	70	63	60	57	54	51	43	41	38
Ecuador	99	99	99	99	98	99	99	99	99	99	99	82	89	91	92	85	94	99	99	85	99
Egypt	98	98	98	98	99	98	95	93	95	95	92	92	89	83	80	72	77	80	53	53	50
El Salvador	92	92	99	94	99	93	98	99	82	79	62	67	75	62	56	55	51	50	22	48	46
Equatorial Guinea	73	73	73	73	99	99	99	99	99	98	97	95	94	49	49	40	30	28			
Eritrea	91	91	95	98	90	83	75	68	60	40	19										
Estonia	99	99	99	99	95	99	99	99	99	99											
Ethiopia	76	76	76	46	49	53	57	61	65	36	26	29	64	44	27	28	13	11	8	7	6
Fiji	99	99	98	96	95	95	99	99	99	99	98	99	99	99	99	98	96	99	94	99	98
Finland	99	99	99	99	99	99	99	99	99	99	99	99	91	91	99	90	80	83	86	90	90
France	83	84	84	81	81	82	82	83	81	79	77	78	80	80	79	89	98	97	96	81	81
Gabon	89	89	89	89	89	90	90	90	94	97	97	97	96	96	95	95	90	80	77	80	82
Gambia	99	99	97	96	99	99	99	99	99	98	97	97	98	98	96	97	96	92	98	96	91
Georgia	91	94	95	95	94	76	70	70	30	30	67										
Ghana	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	79	70	70	50	50	65	76	90	86	82	77	73	69	65	60	56	76
Guatemala	96	94	97	93	89	88	76	79	78	69	57	43	62	21	41	34	32	30	33	24	28
Guinea	71	71	71	71	75	76	77	78	75	70	65	60	50	31	31	27	23	18	14	10	7
Guinea-Bissau	70	70	72	74	78	82	68	92	95	96	99	94	90	95	89	82	69	56	42		
Guyana	91	95	93	91	92	94	88	93	94	94	88	92	82	76	64	69	76	98	49	73	78
Haiti	71	71	71	71	72	72	72	74	73	73	73	72	72	69	66	72	76	71	71	62	58
Honduras	94	99	99	93	96	99	99	97	99	95	92	99	70	80	64	66	72	65	41	55	50
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
India	81	73	73	68	70	72	79	81	71	69	65	62	66	28	23	23	9	8	7	6	4

Source: WHO-UNICEF estimates.

Reference BCG coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Indonesia	77	76	78	80	83	85	87	77	77	78	76	75	74	72	70	68	66	65	56	58	60
Iran (Islamic Republic of)	99	93	99	99	99	91	96	96	99	99	99	91	95	85	88	72	56	35	13	10	10
Iraq	93	93	93	93	94	95	96	97	97	96	96	96	96	96	98	99	87	85	83	81	79
Ireland	90	90	90	90	89	89	88	87	86	86	85	84	84	83	82	81	81	80	75	75	75
Israel																					68
Jamaica	90	96	94	88	87	97	98	98	99	99	85	94	98	99	96	92	73	51	48	56	27
Japan										91	93	94	85	85	85	85	85	85	85	91	96
Kazakhstan	99	96	98	99	99	99	93	90	86	93	90										
Kenya	91	91	91	91	94	96	96	97	97	96	96	94	92	90	90	86	80	82	76		
Kiribati	99	85	80	70	97	99	99	47	60	87	79	94	93	99	98	68	65	62	54	72	91
Kyrgyzstan	99	99	96	98	94	97	99	96	97	95	97										
Lao People's Democratic Republic	65	60	69	63	56	58	61	62	69	42	34	34	26	29	27	15	10	8	7	7	6
Latvia	99	99	99	99	99	99	99	99	99	91	93										
Lesotho	83	83	88	92	93	94	95	96	95	96	96	97	97	97	90	91	91	91	89	87	84
Liberia	67	77	79																		
Libyan Arab Jamahiriya	99	99	97	97	97	97	97	99	99	99	99	95	90	90	92	95	92	87	85	84	89
Lithuania	99	99	99	99	99	98	98	97	96	98	94										
Madagascar	73	72	72	72	67	67	67	72	77	82	79	75	67	72	70	54	49	31	28	31	22
Malawi	78	93	83	87	92	99	95	97	94	96	98	96	97	96	90	92	87	87	74	81	87
Malaysia	99	99	99	99	99	99	99	99	97	96	99	98	99	99	99	90	96	95	95	94	95
Maldives	98	99	99	98	99	99	98	99	98	88	99	99	99	98	98	62	54	45	36	27	20
Mali	73	68	69	74	79	84	80	76	77	77	69	72	82	85	64	51	37	13	15	16	18
Malta							96	92	77	77	79	87	77	79	67	79	72	65	63	63	
Marshall Islands	90	89	89	81	81	94	98	71	96	88	72	71	49								
Mauritania	98	70	75	78	80	78	79	80	82	84	81	80	79	79	79	77	73	74	70	66	61
Mauritius	87	89	88	86	87	87	86	86	87	87	87	87	87	88	88	87	88	87	88	88	89
Mexico	99	99	99	99	99	99	99	98	97	93	94	89	67	80	72	71	54	16	47	52	50
Micronesia (Federated States of)	39	39	24	39	52	48	49	50	50	50	50	50	12	8							
Monaco	99	99	99	99	98	95	93	90	90	94	98	99	99	99	99						
Mongolia	98	98	97	97	95	96	92	94	90	84	87	85	81	92	78	60	54	52	52	52	52
Morocco	90	93	99	93	93	94	96	96	97	99	97	96	96	91	92	92	83	77	70	62	50
Mozambique	78	78	78	78	78	78	78	78	78	66	64	63	59	53	49	52	45	47	49	59	56





Reference BCG coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Myanmar	80	70	88	88	91	94	92	90	83	80	77	69	95	66	50	54	28	45	36	28	20	
Namibia	83	69	77	80	85	65	66	92	99	92	68	91	85	88								
Nauru	95	99	93	95	89	78	78	78	81	84	86	90	93	96	95	93	87	81	81			
Nepal	85	84	84	85	86	86	81	76	76	75	75	74	74	70	66	62	67	67	58	53	59	
Nicaragua	84	98	96	99	91	99	99	99	89	94	91	75	84	92	89	87	85	85	86	88	82	
Niger	47	49	54	47	42	48	53	53	32	34	38	38	50	32	27	28	28	28	28	28	28	28
Nigeria	54	54	54	54	53	53	43	42	55	52	57	60	80	61	54	47	40	28	16	19	21	
Niue	99	99	99	99	99	99	99	92	99	99	99	99	99	99	99	99	71	41	41	60	80	
Oman	98	98	98	98	96	96	96	96	96	95	96	94	96	95	96	97	95	93	79	77	77	
Pakistan	67	67	67	66	65	62	59	73	75	77	80	80	80	80	77	72	69	62	55	35	12	
Panama	92	99	99	99	99	99	99	99	95	92	82	87	97	87	91	89	91	94	77	81	83	
Papua New Guinea	71	74	70	70	69	67	79	91	91	90	90	89	89	82	80	74	76	66	66	58	50	
Paraguay	65	68	51	72	68	72	74	82	82	80	84	78	75	66	56	66	51	68	80	55	47	
Peru	90	88	93	97	96	98	99	94	91	87	85	78	83	62	70	61	54	63	64	61	65	
Philippines	75	45	81	87	87	91	86	82	86	90	94	97	96	96	95	92	84	76	71	69	66	
Poland	95	95	96	96	96	96	97	98	94	95	95	94	97	95	95	95	95	95	95	95	93	
Portugal	82	82	82	88	88	87	87	94	87	91	92	89	88	87	86	78	71	82	79	76	76	
Qatar	99	99	99	99	99	99	98	96	96	99	99	98	97	79	85	85	84	76	73	69	44	
Republic of Korea	89	89	73	75	75	91	92	93	93	88	83	77	72	70	57	54	47	47	47	45	44	
Republic of Moldova	99	98	98	99	99	99	98	97	96	96	96											
Romania	99	99	99	99	99	98	99	99	99	99	99	99	90	90	93	95	93					
Russian Federation	97	97	96	96	95	94	93	92	92	87	86											
Rwanda	99	74	81	94	94	96	93	89	32	82	94	94	92	92	91	92	92	83	66	49	50	
Saint Kitts and Nevis	99	97	99	99	99	99	96	94	91	88	86	83	80	78	75							
Saint Lucia	95	99	91	99	85	99	89	98	95	95	99	95	97	99	85	89	73	99	80	69	60	
Saint Vincent and the Grenadines	90	99	99	99	99	98	99	99	99	99	99	99	99	99	95	90	76	84	32			
Samoa	98	98	97	99	99	99	98	96	97	94	91	95	97	80	97	98	97	97	97	99	96	
Sao Tome and Principe	99	92	81	80	80	70	85	95	86	77	83	99	99	94	88	88	99	75	82	86	90	
Saudi Arabia	98	94	94	92	92	91	91	94	94	93	91	85	90	96	93	91	90	89	88	72	56	
Senegal	70	89	89	90	88	81	81	91	80	80	80	80	90	90	91	92	92					
Serbia and Montenegro	95	99	99	99	98	96	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	
Seychelles	99	99	99	99	99	99	99	99	99	99	99	99	98	94	94	94	94	92	95	98	83	

Source: WHO-UNICEF estimates.

Reference BCG coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Sierra Leone	70	74	74	73																		
Singapore	98	97	98	98	98	98	98	97	97	98	99	99	99	99	99	98	99	93	93	83	87	
Slovakia	98	93	94	96	93	95	96	92	98													
Slovenia	98	98	98	96	98	97	98	99	99	99	93											
Solomon Islands	76	86	92	99	72	73	96	77	76	66	75	83	87	82	79	66	47	50	61	39	36	
Somalia	60	70	69	71	57	37	43	46	48	42	37	31	31	31	39	33	28	30	17	7	8	
South Africa	94	87	99	97	97	97	95	95	95	95	66	63	57	73	55	64	61	70	67	71		
Sri Lanka	99	99	99	97	90	96	88	90	86	88	87	88	84	90	81	76	79	71	67	64	65	
Sudan	48	51	46	68	61	70	71	63	60	66	68	78	77	75	54	43	22	12	8	5	3	
Swaziland	95	95	90	97	99	85	85	99	99	98	97	71	96	96	95	94	91	79	73	72	66	
Syrian Arab Republic	99	99	99	99	95	95	95	93	91	91	92	95	92	91	87	81	82	82	49	45	37	
Tajikistan	98	97	99	98	98	91	86	94	96	69	85											
Thailand	99	99	99	98	99	99	98	98	99	99	99	99	99	96	91	93	83	80	76	75	73	
T.F.Y.R. Macedonia	91	97	97	97	90	97	98	95	90	95												
Timor-Leste	83																					
Togo	84	84	84	81	76	76	83	89	91	92	94	95	97	94	91	95	53	54	55	51	48	
Tonga	99	91	99	99	99	99	99	99	99	97	96	99	99	97	95	93	98	99	78	83	98	
Tunisia	97	97	97	97	97	97	97	97	97	97	97	96	96	96	95	93	92	90	89	88	87	
Turkey	77	89	89	89	89	89	89	90	91	90	89	91	93	95	97	87	82	76	71	65	47	
Turkmenistan	99	99	99	99	98	97	93	93	97	94	97											
Tuvalu	99	99	99	99	99	99	88	88	99	99	97	99	95	98	95	86	92	90	90	99	78	
Uganda	96	81	77	82	81	82	82	83	84	82	79	77	75	72	70	61	51	37	32	28	23	
Ukraine	98	98	99	99	97	97	97	95	92	89	93											
United Arab Emirates	98	98	98	98	98	98	98	98	98	98	98	96	96	96	93	92	78	60	42	37	28	
United Republic of Tanzania	88	89	86	87	93	85	80	96	92	94	99	95	85	92	93	94	82	90	73	83	64	
Uruguay	99	99	99	99	99	99	99	99	99	98	99	99	99	99	98	98	92	92	93	99	76	
Uzbekistan	98	98	98	98	97	97	95	95	93	98	98											
Vanuatu	90	90	99	99	99	78	72	67	82	96	84	99	96	80	73	79	75	83	64	58	61	
Venezuela	90	93	99	97	80	86	90	91	95	82	85	90	74	68	50	82	86	89	92	82	76	
Viet Nam	97	99	94	95	94	96	95	96	95	94	91	91	90	75	79	59	55	50	48	5		
Yemen	74	73	82	78	75	54	58	60	41	57	54	63	95	75	52	30	23	20	16	15	13	
Zambia	92	92	92	93	94	95	96	97	98	92	94	95	97	97	97	97	95	92	71	68	70	





Reference BCG coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Zimbabwe	80	80	82	88	88	92	96	96	95	95	91	91	91	90	89	94	94	76	69	67	65

Reference DTP3 coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	47	44	31	35	36	37	31	20	12	18	21	23	25	33	35	25	11	15	16	5	5
Albania	98	97	97	97	96	99	98	97	99	96	94	78	94	94	96	96	96	96	95	95	95
Algeria	86	89	92	94	89	89	88	88	87	88	88	89	89	87	85	79	73	69			
Andorra	90	90	90	90	90	90															
Angola	47	42	31	21	45	41	28	24	27	30	21	26	24	18	12	10	10	8	8	6	6
Antigua and Barbuda	98	98	99	99	99	99	99	99	99	99	99	94	99	99	98	93	96	99	94	90	79
Argentina	88	82	66	88	70	85	83	85	82	81	81	81	86	80	80	75	67	63	62	57	56
Armenia	94	94	93	91	82	88	86	98	86	85	85										
Australia	93	92	92	88	86	86	86	86	88	90	91	93	95	93	88	81	75	68	62	55	48
Austria	83	74	81	84	87	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Azerbaijan	97	98	99	99	97	96	96	96	94	90	82										
Bahamas	98	98	99	82	89	87	85	87	88	91	90	92	87	86	85	85	85	86	72	65	69
Bangladesh	85	83	83	81	82	78	77	69	84	74	66	74	69	49	16	9	4	2	1	1	1
Barbados	84	84	94	87	93	96	85	93	90	86	91	82	91	78	76	79	84	83	83	69	62
Belarus	99	99	99	99	99	98	98	96	92	91	90										
Belgium	90	90	91	92	93	94	95	94	96	97	95	92	93	94	80	95	95	95	95	95	95
Belize	89	96	89	87	87	86	85	83	88	88	90	85	91	71	73	69	95	59	59	59	61
Benin	79	76	79	75	70	66	66	67	81	75	73	69	74	48	30	25	17	17			
Bhutan	86	88	92	88	86	87	87	87	86	79	86	91	96	76	70	63	53	41	28	16	15
Bolivia	81	81	80	78	56	58	61	64	58	52	45	43	41	52	28	35	42	33	6	10	12
Bosnia and Herzegovina	80	91	85	90	89	79	67	55	82	38	58										
Botswana	97	97	97	97	96	96	96	95	94	94	94	93	92	92	88	86	85	84	83	82	78
Brazil	96	90	90	94	94	79	75	84	74	75	71	78	66	56	58	58	58	66	68	60	56
Brunei Darussalam	99	99	99	92	97	99	99	99	99	99	96	95	93	91	89	85	86	88	96	85	99
Bulgaria	94	94	93	95	96	94	95	96	93	98	98	99	99	99	99	99	99	99	99	98	98
Burkina Faso	41	41	41	41	41	39	37	34	36	39	39	53	66	44	34	23	19	9			
Burundi	74	74	74	74	74	74	73	73	48	63	80	82	85	82	51	70	55	41	37	27	33
Cambodia	54	60	59	49	48	46	43	39	37	35	32	38	38	47	45	37	37	23	17		
Cameroon	48	48	48	48	48	48	46	46	38	37	37	42	48	56	50	44	39	33	27	25	15
Canada	97	97	97	97	97	97	95	94	93	90	89	88	88	87	86	85					
Cape Verde	94	78	86	69	80	78	73	73	85	89	88	87	88	99	88	92	54	39	31	23	
Central African Republic	40	40	37	33	46	53	53	53	46	60	44	66	82	64	42	22	19	20	17	16	14





Reference DTP3 coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad	40	27	28	21	23	24	20	18	18	13	10	18	20	20	14	14	10	3	3	1	
Chile	94	99	97	94	93	96	91	94	92	89	91	94	99	95	96	93	92	90	87	83	98
China	79	79	85	85	98	96	95	92	93	95	94	95	97	95	95	75	78	78	73	58	
Colombia	85	80	74	73	70	74	80	86	86	83	78	84	88	78	74	58	48	61	61	42	26
Comoros	89	70	70	74	75	48	60	75	58	70	38	52	94	82	43	71	71	51	31		
Congo	41	31	33	29	26	23	37	50	55	60	67	74	79	79	72	72	71	54	59	50	47
Cook Islands	99	92	97	70	95	91	75	93	86	99	87	87	93	89	94	83	87	78	48	57	51
Costa Rica	94	91	88	86	85	94	85	85	88	88	90	90	95	86	87	94	89	90	93	86	81
Côte d'Ivoire	54	57	72	62	61	58	55	52	50	50	49	39	54	42	31	31	30	25	19		
Croatia	95	94	93	93	93	92	91	90	87	85	83										
Cuba	99	99	95	94	99	99	90	99	99	99	94	99	92	96	98	87	99	91	86	99	99
Cyprus	98	97	97	96	96	98	98	96	95	95	94	94	93	93	90	93	91	61	30	34	26
Czech Republic	98	98	98	98	98	98	97	96	98	99											
Democratic Republic of the Congo	43	32	40	25	18	18	18	23	26	29	23	16	35	38	41	38	32	37	27	16	17
Denmark	98	97	97	99	99	99	99	97	99	95	98	99	95	95	88	88	89	92	94	94	85
Djibouti	62	53	46	23	23	32	41	41	41	41	41	53	85	77	65	25	24	22	21	14	6
Dominica	98	99	99	99	99	99	99	96	92	99	99	95	96	92	96	95	93	91	84	93	99
Dominican Republic	72	62	68	73	65	67	70	72	74	75	73	71	69	58	58	80	80	39	34	29	28
Ecuador	89	90	89	80	85	76	88	74	80	76	87	59	68	55	54	51	44	41	48	31	35
Egypt	97	99	98	94	91	88	90	88	83	81	79	76	87	90	87	81	80	84	69	57	57
El Salvador	81	92	99	94	99	97	96	99	90	79	60	61	80	64	63	53	50	55	31	21	42
Equatorial Guinea	33	33	33	33	81	81	80	79	77	76	76	77	77	48	19	10	3	3			
Eritrea	83	83	88	93	84	75	66	58	49	32	14										
Estonia	97	94	93	95	94	94	93	89	87	86											
Ethiopia	56	56	56	21	37	53	55	57	57	28	13	21	49	26	16	16	7	6	4	4	3
Fiji	92	90	89	87	86	86	97	97	96	96	97	99	97	98	98	90	71	69	77	80	64
Finland	98	99	99	99	99	99	99	99	99	99	99	95	90	90	99	98	97	96	95	94	94
France	98	98	98	98	97	98	97	97	97	95	95	92	95	95	79	88	96	95	94	90	85
Gabon	38	38	38	38	45	54	62	70	69	67	66	72	78	78	72	65	59	48	31	14	
Gambia	90	96	83	88	97	96	96	96	93	90	85	85	92	87	82	85	73	78	70	62	80
Georgia	84	87	80	80	80	80	80	79	58	54	58										
Germany	97	97	97	93	89	85	80	80	80	80	80	90	80	94	93	97	95				

Source: WHO-UNICEF estimates.

Reference DTP3 coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Ghana	80	80	84	72	72	71	71	70	70	66	62	60	58	51	47	42	35	22	19	23	23
Greece	88	88	88	88	89	90	90	90	90	89	89	85	54	54	83	82	80	54	60	72	83
Grenada	98	96	97	88	97	95	80	95	83	89	90	85	81	87	65	80	98	61	76	68	56
Guatemala	84	82	85	78	78	73	66	77	71	75	66	63	66	50	47	16	37	21	48	44	45
Guinea	47	46	46	46	46	47	48	54	53	53	52	36	17	17	16	15	15	15	15	15	15
Guinea-Bissau	50	47	42	38	50	63	53	45	74	63	67	63	61	54	66	55	47	18	18	9	
Guyana	91	85	88	83	90	88	83	86	90	93	79	84	83	77	64	67	64	75	70	56	53
Haiti	43	43	43	43	43	42	42	42	41	39	38	36	41	50	48	28	24	19	14	9	13
Honduras	95	95	95	95	97	93	94	94	94	94	93	94	84	85	74	58	62	58	41	52	46
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Iceland	92	92	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	94	98
India	70	64	64	55	58	62	66	71	67	61	56	57	70	50	40	30	20	18	16	14	12
Indonesia	75	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	96	99	99	99	99	96	98	95	99	97	88	91	82	88	66	57	51	46	34	41
Iraq	81	81	81	81	79	78	76	74	72	70	74	78	83	87	87	94	91	86	67	16	18
Ireland	84	84	86	86	85	76	74	73	71	70	68	67	65	65	43	44	44	45	45	42	43
Israel	97	95	96	96	96	95	94	96	95	96	95	94	93	92	92	92	92	85	87	89	92
Italy	95	95	95	95	95	95	96	95	95	95	95	95	83	85	85	88	98	12	10		
Jamaica	87	90	86	84	85	90	92	90	93	91	84	83	86	85	82	81	74	60	57	58	34
Japan	95	95	85	80	76	70	99	74	80	85	87	92	90	87	86	85	84	83	82	80	81
Jordan	95	99	91	97	99	93	96	95	94	91	92	92	92	94	93	90	88	85	81	76	75
Kazakhstan	95	96	97	98	99	97	95	93	76	76	81										
Kenya	84	84	80	76	78	79	87	94	92	89	87	86	84	83	82	77	72	70	58		
Kingdom of Bahrain	98	97	97	97	98	98	96	95	96	94	94	99	94	96	96	95	92	90	86	83	79
Kiribati	99	85	90	78	88	91	79	60	71	99	86	70	97	79	63	36	37	37	18	40	53
Kuwait	98	98	98	94	95	96	99	99	99	97	88	80	71	94	94	92	91	90	89	89	83
Kyrgyzstan	98	99	99	97	97	98	98	93	82	64	84										
Lao People's Democratic Republic	55	40	53	56	55	60	58	54	48	25	23	22	18	21	17	10	5	4	5	7	7
Latvia	97	97	97	95	94	92	93	98	97	80	87										
Lebanon	92	93	90	94	95	92	93	93	92	91	90	86	82	79	63	46	30	17	4	4	4
Lesotho	79	79	82	85	86	86	87	88	85	83	80	78	76	77	77	77	82	82	74	66	56
Liberia	51	62	55																		





Reference DTP3 coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Libyan Arab Jamahiriya	93	94	94	94	95	96	96	95	95	96	90	87	84	87	84	82	82	81	81	79	72
Lithuania	95	95	94	93	93	90	91	90	83	83	78										
Luxembourg	98	98	98	98	98	98	98	97	95	94	93	91	90	90	90	95	86	77	68	75	
Madagascar	62	55	55	55	49	49	49	57	66	66	65	53	46	45	42	35	22	23	19	23	15
Malawi	64	90	75	84	93	95	90	89	82	91	87	87	87	87	82	78	57	55	58	63	64
Malaysia	96	97	95	93	94	91	97	90	90	90	94	89	90	84	68	69	62	68	62	72	73
Maldives	98	98	97	97	97	97	96	94	96	90	98	97	94	91	86	42	42	28	24	13	1
Mali	57	51	40	44	48	52	52	49	39	46	34	36	42	26	19	12	11	2			
Malta	95	95	94	93	92	92	92	92	88	83	82	86	63	47	87	87	86	37	50		
Marshall Islands	80	73	39	66	86	78	78	70	67	56	82	71	92	92	92						
Mauritania	83	61	40	26	16	28	50	55	50	44	39	29	33	28	28	30	32	27	21	20	20
Mauritius	88	92	88	85	89	90	89	93	89	88	88	91	85	85	86	84	86	88	85	89	94
Mexico	91	97	97	96	96	95	95	92	91	82	90	88	53	65	60	62	51	40	52	41	40
Micronesia (Federated States of)	75	75	75	85	76	80	75	78	81	78	79	79	85	95	85	57					
Monaco	99	99	99	99	99	99	99	99	99	99	98	98	99	99	99						
Mongolia	98	95	95	94	94	92	90	88	78	80	81	81	84	84	82	80	81	80	77	79	79
Morocco	94	96	95	91	93	95	95	90	89	88	87	81	81	80	82	85	63	51	45	41	32
Mozambique	60	60	60	60	60	60	60	57	55	49	50	46	46	47	38	39	32	29	32	38	43
Myanmar	77	72	82	83	87	90	88	84	77	90	87	84	88	50	28	23	20	16	12	11	9
Namibia	77	63	79	72	74	66	70	74	80	73	82	69	53	58							
Nauru	80	95	44	64	72	50	53	56	60	63	67	70	74	75	67	55	61	67	67		
Nepal	72	72	72	73	76	78	65	54	54	51	49	46	43	44	45	46	38	32	27	23	18
Netherlands	98	97	97	97	97	95	97	97	97	97	97	97	97	97	97	97	97	97	97	97	96
New Zealand	90	90	90	88	81	86	88	89	84	83	81	81	90	80	69	67	70	72	83	73	73
Nicaragua	84	92	93	90	86	94	91	85	74	78	74	71	66	66	65	47	45	42	33	24	27
Niger	23	31	31	25	25	25	23	23	20	20	20	19	22	13	9	7	5	4	5	5	6
Nigeria	26	26	26	26	26	45	26	34	44	29	43	39	56	47	36	29	22	16	9		
Niue	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	81	62	43	31	20
Norway	91	95	95	95	95	95	97	97	93	94	98	96	86	83	83	80	83	85	90	90	
Oman	99	99	99	99	99	99	99	99	97	97	99	95	98	98	90	89	82	60	45	31	24
Pakistan	63	63	61	60	58	52	46	58	39	37	42	50	54	40	38	36	34	30	23	15	5
Palau	99	98	96	96	96	91	98	99	67	89	93	98	99	78	99	81	98				

Source: WHO-UNICEF estimates.

Reference DTP3 coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Panama	89	99	98	92	98	95	91	86	83	83	77	82	86	70	75	72	70	73	59	60	60
Papua New Guinea	57	56	57	56	58	45	46	47	52	56	62	65	67	53	48	44	44	40	34	27	29
Paraguay	77	66	80	66	72	71	69	68	71	66	73	66	67	61	56	58	53	57	67	45	34
Peru	89	85	91	93	92	90	94	90	87	87	83	71	72	58	60	43	50	48	28	23	23
Philippines	70	70	79	79	79	81	75	70	73	76	80	90	88	87	79	73	66	59	57	55	54
Poland	99	98	98	98	98	98	97	96	96	95	95	95	96	96	96	96	95	94	95	95	95
Portugal	96	96	96	97	97	94	95	93	97	93	94	96	89	88	81	83	81	72	78	79	78
Qatar	96	93	90	92	94	92	92	92	91	90	88	86	82	81	69	72	72	71	60	49	37
Republic of Korea	97	99	97	86	74	80	90	99	93	88	84	79	74	89	58	57	76	76	76	69	61
Republic of Moldova	97	90	91	97	97	97	97	76	86	70	84										
Romania	99	99	99	97	97	97	98	98	98	91	98	98	96	96	96	92	89	95			
Russian Federation	96	96	95	95	91	88	84	78	88	79	72										
Rwanda	88	77	90	85	85	73	89	83	23	83	85	91	84	82	80	88	87	50	55	59	38
Saint Kitts and Nevis	98	99	99	99	98	99	99	99	99	99	99	99	99	99	94	96	99	92	97	90	92
Saint Lucia	74	99	70	89	88	98	88	98	97	97	95	96	91	92	78	85	78	87	83	81	79
Saint Vincent and the Grenadines	99	99	99	95	99	99	99	97	99	99	99	99	98	98	98	97	95	90	86	80	67
Samoa	96	93	99	98	99	96	95	94	93	92	91	79	90	66	90	93	94	89	96	89	87
San Marino	96	96	96	99	99	99	99	99	88	99	99	99	99	99	99	99	99	99	99	99	99
Sao Tome and Principe	92	92	82	77	73	73	68	79	43	60	68	87	92	63	77	72	65	48	49	26	34
Saudi Arabia	95	97	95	93	94	92	93	96	95	94	91	91	92	96	89	89	86	81	76	67	62
Senegal	60	52	52	60	50	59	70	80	57	58	59	51	51	47	59	57	54				
Serbia and Montenegro	95	93	95	92	93	94	91	89	85	85	84	79	84	90	91	90	90	89	89	85	88
Seychelles	99	96	98	99	99	98	99	97	96	96	96	98	99	97	94	89	94	86	95	97	55
Sierra Leone	50	38	44	46																	
Singapore	92	92	93	94	95	93	94	95	92	92	89	91	85	90	90	96	91	78	77	84	83
Slovakia	99	99	99	99	99	99	99	99	99												
Slovenia	92	92	92	92	91	94	98	98	98	98	98										
Solomon Islands	71	78	82	86	69	72	97	69	68	65	71	76	77	67	69	66	42	38	45	27	23
Somalia	40	33	33	36	24	19	21	22	23	22	21	20	19	18	26	25	17	22	10	5	5
South Africa	82	81	79	76	76	76	73	72	73	81	79	81	72	71	70	72	70	75	75	74	
Spain	96	96	95	94	94	94	90	90	88	87	84	86	93	93	93	77	88	79	95		
Sri Lanka	98	99	99	99	94	97	92	93	88	90	88	86	86	87	83	77	75	70	66	64	57





Reference DTP3 coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sudan	40	46	41	44	46	55	56	48	46	51	53	62	62	60	40	27	14	8	4	3	2
Suriname	73	80	85	85	90	85	85	84	74	76	74	74	83	72	71	71	80	86	80	85	55
Swaziland	77	77	77	78	84	82	82	82	96	89	93	79	89	89	89	86	74	61	50	43	39
Sweden	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Switzerland	95	95	95	95	95	95	95	95	95	95	95	95	90	90	90	90	90				
Syrian Arab Republic	99	92	94	94	94	95	94	92	89	90	89	89	91	94	79	70	73	29	25	21	15
Tajikistan	84	83	83	82	81	80	80	79	79	78	92										
Thailand	96	96	97	97	97	95	94	96	93	89	85	90	92	90	80	75	66	62	53	49	49
T.F.Y.R. Macedonia	96	90	95	95	94	97	93	95	88	90											
Timor-Leste	57																				
Togo	64	64	64	57	50	42	50	58	62	66	69	73	77	72	54	61	37	24	11	18	14
Tonga	90	94	95	94	97	96	99	95	89	96	99	88	94	93	92	99	75	92	51	63	52
Trinidad and Tobago	89	91	90	90	91	90	99	96	81	81	87	82	89	77	82	79	70	75	65	60	54
Tunisia	96	96	96	96	97	96	95	94	93	94	95	93	93	93	91	84	72	70	66	62	
Turkey	78	88	85	79	81	79	72	67	87	76	77	72	84	79	86	86	45	55	56	56	58
Turkmenistan	98	95	97	98	99	98	97	93	90	73	84										
Tuvalu	98	96	75	84	94	77	87	87	82	99	69	73	90	85	89	59	73	52	37	79	72
Uganda	72	60	53	54	54	56	57	59	60	56	53	49	45	42	38	30	21	14	14	14	12
Ukraine	99	99	99	99	98	99	99	98	97	93	88										
United Arab Emirates	94	94	94	94	94	92	90	90	90	90	86	85	85	84	82	80	78	76	59	50	43
United Kingdom	91	94	92	94	94	94	94	94	93	93	92	88	84	78	75	73	67	65	65	59	53
United Republic of Tanzania	89	85	79	76	79	79	82	81	84	83	83	81	78	77	85	79	74	67	58	52	50
United States of America	94	94	94	96	96	96	95	95	94	88	83	86	90	94	97	97	97	96	97	97	96
Uruguay	93	94	90	93	92	91	91	91	91	92	93	96	97	88	82	85	70	63	62	73	67
Uzbekistan	98	97	96	99	99	96	97	89	67	62	83										
Vanuatu	54	93	90	90	93	72	67	73	74	86	77	83	76	61	58	56	31	30	28	27	22
Venezuela	63	70	77	76	39	57	57	68	63	69	66	64	61	55	56	54	58	49	33	58	53
Viet Nam	75	98	96	93	94	95	94	94	94	91	89	88	85	88	77	51	43	42	6	4	
Yemen	69	76	76	72	68	51	47	44	33	54	50	47	84	56	36	20	13	10	7	5	4
Zambia	78	78	78	80	81	83	84	86	90	86	83	79	91	83	83	83	66	66	59	49	
Zimbabwe	58	75	77	81	81	86	90	88	87	85	86	87	88	87	85	84	75	63	60	53	46

Reference HepB3 coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Albania	96	96	96	96	94	97	96	88	99												
Andorra	75	75	75	75	75	75															
Antigua and Barbuda	99	96																			
Armenia	91	69	55																		
Australia	95	94																			
Austria	82																				
Azerbaijan	97																				
Bahamas	21																				
Barbados	17	17																			
Belarus	99	93	70																		
Belgium	50	50	38	26	14	2															
Belize	97	86	75																		
Benin	15																				
Bhutan	83	89	98	90	81	84	16														
Bolivia	81	81																			
Botswana	46	64	73	70	69	60	62	73													
Brazil	89	95	95	83	13	6															
Brunei Darussalam	99	99	99	93	99	98	98	99	99	99	96	96	96								
Bulgaria	93	93	91	94	97	96	94	96	94	96	80	92									
Cape Verde	40																				
China	79	65	60																		
Colombia	76	80	74	75	72	76															
Cook Islands	99	92	97	67	86	98	65	85	79	76	98	85	71								
Costa Rica	94	80	89	83	86	76															
Côte d'Ivoire	48	10																			
Cuba	98	99	98	99	98	98	99	99	98	84											
Cyprus	89	89	89	89	88	88	68	54	41	27	27	20									
Czech Republic	86																				
Dominican Republic	63	66	68	76	41	53															
Ecuador	85	71	38																		
Egypt	97	99	93	89	85	81	77	74	57												
El Salvador	75	75	99	1																	





Reference HepB3 coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Fiji	78	93	95	96	98	98	90	82	60	88												
France	27																					
Gambia	90	84	91	90	93	93	90	87	84	59	62	78	93									
Georgia	51	61	55																			
Germany	29	29	29	43	56	70																
Ghana	80																					
Greece	88	88	88	88	69	50	12	12	2	2	15	10										
Grenada	98	96																				
Guyana	85	85																				
Honduras	95	95	95	95	88	75																
Indonesia	67	56	65	76	65	65	62	50	33	14												
Iran (Islamic Republic of)	99	94	99	95	94	88	84	80	62													
Iraq	70	70	67	52	3	65	11	57	40													
Israel	98	96	97	97	97	97	96	93	92	92												
Italy	95	95	95	97	95	95	95	95	95	95	95	95	95									
Jordan	95	97	93	97	99	93	85	54														
Kazakhstan	95	96	99	90	49																	
Kenya	84																					
Kingdom of Bahrain	98	97	97	97	95	95	96	95	93	90	57											
Kiribati	99	85	90	82	89	97	66	36	36	8	6	7	73									
Kuwait	95	95	95	95	99	98	99	99	93	91	38											
Kyrgyzstan	99	57	44	10																		
Latvia	98	96	95	94	9																	
Lebanon	88	70	70	86																		
Libyan Arab Jamahiriya	91	93	92	92	92	91	93	92	92	91	88											
Lithuania	94	95	99	96	73																	
Luxembourg	49	49	49	49	49	49																
Madagascar	62																					
Malawi	64																					
Malaysia	95	95	94	91	91	88	87	87	86	85	88	88	86									
Maldives	98	96	90	90	45	56	96	80	63	21												
Marshall Islands	80	76	38	80	80	70	68	47	46	17	24	17	10	3								

Source: WHO-UNICEF estimates.

Reference HepB3 coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Mauritius	88	92	88	85	90	90																
Mexico	91	89	89																			
Micronesia (Federated States of)	81	81	87	77	79	78	80	82	82	82	73	65	56	47								
Monaco	99	99	99	99																		
Mongolia	98	95	94	84	91	88	92	89	67	69	49	6										
Morocco	92	84	43	10																		
Mozambique	60	25																				
Nauru	75	95	58	62	29	86	72	57	79	99	90	79										
New Zealand	90	90	90	89	87	99	94	88	81	74	67											
Nicaragua	84	89	89	83																		
Niue	99	99	99	99	99	99	99	90	99	99	99	99										
Oman	99	99	99	99	99	99	99	99	99	96	99	94										
Palau	99	97	96	96	96	90	99	99	73	94	75	89										
Panama	89	40																				
Papua New Guinea	60	42	55	50	45	43	43	48	27	5	11	16	20									
Philippines	40	80	35	35	35	31	35	38														
Poland	99	99	99	99	99	97	56	23	4	1	1	1										
Portugal	58	58	58	64	64	49	34	6														
Qatar	98	99	90	92	92	90	90	90	90	93	89	86										
Republic of Korea	92	89	93	88	82	88	93	99														
Republic of Moldova	99	84	88	94	93	87	81	19														
Romania	99	98	98	99	99	99	99															
Russian Federation	82	46																				
Rwanda	88																					
Saint Kitts and Nevis	97	99	99	99	99																	
Samoa	98	98	96	99	99	99	98	96	94	1	18											
San Marino	94	94	94	97	97	97	98	98	98	98	99	99										
Saudi Arabia	97	95	93	92	95	91	92	95	94	93	89	86	66									
Seychelles	98	95	97	99	96	97	98	99														
Singapore	92	91	93	95	96	94	93	91	89	90	78	76	74									
Slovakia	99	99	99																			
Solomon Islands	78	78	77	76	74	73	97	68	65	53												





Reference HepB3 coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982		
South Africa	83	80	88	83	79	74																	
Spain	80	80	80	81	83	84	82																
Swaziland	78	78	76	76	76	76	76																
Syrian Arab Republic	98	89	90	91	91	84	82	74	64	23	5												
Tajikistan	35																						
Thailand	95	95	95	95	94	94	93	93	66	58	15												
Tonga	96	96	97	93	96	95	94	91	90	96	82	88	94										
Tunisia	94	94	88	87	89	88	83																
Turkey	72	77	71																				
Turkmenistan	96																						
Tuvalu	99	99	78	93	96	88	49	49	17														
Uganda	42																						
Ukraine	48	7	4																				
United Arab Emirates	92	92	92	92	96	90	90	90	90	90													
United Republic of Tanzania	89																						
United States of America	88	90	90	88	87	84	82	68	42	16													
Uruguay	93	94	92	93																			
Uzbekistan	92	8	5	1																			
Vanuatu	54	69	75	75	75	75	69	66	69	82	82	46											
Venezuela	60	54	5	1	46																		
Viet Nam	65	96	94	82	69																		
Yemen	34	21	15	9																			
Zimbabwe	58	75	77	31	24	16	9	1															

Reference MCV coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	
Afghanistan	44	46	35	40	40	48	42	41	40	25	22	19	20	22	34	31	14	14	14	9	8	
Albania	96	95	95	85	89	95	92	91	90	76	87	80	88	96	96	96	96	96	96	96	96	93
Algeria	81	83	80	94	93	92	90	89	88	87	86	85	83	82	81	73	67	68				
Andorra	90	90	90	90	90	90																
Angola	74	72	41	46	65	78	62	46	44	47	39	39	38	48	56	55	44	44	35	26		
Antigua and Barbuda	99	97	99	99	99	93	99	95	91	99	99	87	89	95	95	86	80	69	73	48		
Argentina	97	94	56	99	99	92	99	99	96	95	91	99	93	89	88	81	87	67	77	69	69	
Armenia	91	93	92	92	94	92	89	96	95	95	93											
Australia	94	93	92	89	86	87	87	87	86	86	86	86	86	85	77	68	68	68	68	68		
Austria	78	79	75	80	85	90	87	60	60	60	60	60	60	60	60	60	60	40	30	25	25	
Azerbaijan	97	99	99	98	98	97	99	97	91	28	66											
Bahamas	92	92	93	86	92	93	92	90	92	88	91	93	86	87	78	77	83	79	63	66	65	
Bangladesh	77	76	76	76	72	72	69	79	78	74	69	68	65	53	13	6	3	1	1	1	1	1
Barbados	92	92	91	86	97	92	99	92	99	92	90	92	87	85	84	85	84	88	84	55	53	
Belarus	99	99	98	98	98	97	96	93	97	96	94											
Belgium	75	75	75	74	74	73	73	85	78	70	87	67	85	75	75	50	90	82	74	66	58	
Belize	89	93	96	82	84	85	99	83	83	82	81	80	86	68	70	64	81	49	44	43	51	
Benin	78	65	68	75	66	66	60	65	78	67	70	60	79	48	30	26	20	23				
Bhutan	78	78	76	76	71	84	85	85	81	84	86	89	93	79	64	58	51	44	36	21	20	
Bolivia	79	79	79	79	50	51	61	58	64	57	57	54	53	59	58	57	55	21	20	13	15	
Bosnia and Herzegovina	89	92	80	83	84	86	70	53	57	48	52											
Botswana	90	90	90	90	90	89	89	89	88	88	88	88	87	87	87	91	88	85	82	79	76	
Brazil	93	95	99	98	96	99	80	90	78	85	91	85	78	60	62	64	62	67	73	68	68	
Brunei Darussalam	99	99	99	94	99	98	99	99	99	99	92	96	99	99	99	99	99	98	90	94	88	
Bulgaria	90	90	87	92	96	93	95	94	93	88	92	98	98	99	99	99	99	99	98	98	98	
Burkina Faso	46	46	46	46	46	41	40	43	45	50	60	69	79	66	52	37	40	38				
Burundi	75	75	75	75	76	77	79	80	43	62	70	78	74	73	46	54	59	36	38	45	38	
Cambodia	52	59	65	55	52	50	56	62	50	37	33	38	34	33	38	52	54	29	27			
Cameroon	62	62	62	62	57	52	49	46	43	40	41	48	56	56	48	44	44	39	31	25	21	
Canada	96	96	96	96	96	96	97	96	97	96	94	92	89	87	85	70						
Cape Verde	85	72	80	61	66	82	66	66	83	88	82	76	79									
Central African Republic	35	35	36	37	39	46	46	46	51	41	31	62	83	69	40	17	24	23	19	16	16	





Reference MCV coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad	55	36	42	30	30	30	22	26	24	19	25	28	32	32	17	16	12	7	10		
Chile	95	99	97	96	94	99	93	97	93	92	89	96	82	92	95	92	91	92	99	99	99
China	65	79	85	85	97	96	97	93	89	94	94	96	98	95	95	77	63	88	84	78	
Colombia	89	90	75	75	73	75	99	95	87	94	74	78	82	81	74	59	45	51	51	43	28
Comoros	71	70	70	69	67	49	43	69	59	56	51	40	87	85	40	71	71	18	42		
Congo	37	35	34	23	21	18	42	38	47	55	60	64	75	75	73	69	69	67	52	59	55
Cook Islands	98	84	76	63	94	87	72	96	72	99	87	94	67	99	92	84	70	76	65	68	
Costa Rica	94	82	82	88	83	99	84	91	87	89	92	96	90	77	97	93	90	78	76	84	87
Côte d'Ivoire	56	61	73	62	66	68	65	57	55	52	54	57	56	41	31	30	30				
Croatia	95	94	93	92	93	91	92	92	90	90	90										
Cuba	98	99	94	96	99	96	99	99	99	96	99	99	94	98	89	99	80	85	82	94	55
Cyprus	86	86	86	87	89	90	90	83	82	81	80	78	77	76	74	91	60	43	25	19	21
Czech Republic		97	97	97	95	96	97	96	97	98											
Democratic Republic of the Congo	45	37	46	15	20	20	21	27	39	33	25	17	38	41	44	41	39	40	30	30	25
Denmark	99	94	99	92	91	84	85	88	88	81	85	86	84	81	72	82					
Djibouti	62	49	50	23	21	31	41	41	42	41	41	53	85	75	68	22	19	27	20	18	15
Dominica	98	99	99	99	98	99	99	96	92	99	99	98	91	88	90	87	97	93	85	63	43
Dominican Republic	92	98	88	96	95	82	80	96	86	96	75	69	96	65	29	71	71	54	19	24	25
Ecuador	80	99	84	99	89	75	79	73	72	73	69	54	60	57	53	47	50	51	54	34	45
Egypt	97	97	98	96	98	92	92	89	89	89	89	89	86	86	85	76	78	74	47	41	41
El Salvador	93	82	97	99	99	99	94	93	80	86	55	54	98	73	63	48	51	71	41	46	43
Equatorial Guinea	51	51	51	51	82	82	81	81	80	79	82	85	88	18	46	32	17	11			
Eritrea	84	84	86	88	81	73	66	58	51	34	18										
Estonia	95	95	93	92	89	88	86	81	76	74											
Ethiopia	52	52	52	27	46	49	54	38	54	22	12	17	38	23	15	13	10	12	8	7	7
Fiji	88	90	85	80	75	75	94	94	96	96	91	93	84	65	69	64	61	57	22	25	2
Finland	96	96	96	96	96	96	98	98	99	99	99	97	97	95	98	92	87	85	83	81	
France	85	84	84	84	82	83	84	83	80	78	75	77	71	60	52	41	55	37	26	15	
Gabon	55	55	55	55	56	56	57	57	60	63	66	71	76	76	68	67	66	58			
Gambia	90	90	85	88	92	92	94	91	89	87	83	87	86	84	80	88	62	75	79	70	71
Georgia	73	73	73	73	73	69	65	61	63	61	16										
Germany	89	89	89	84	80	75	75	75	75	75	75	70	50	48	47	50	50	25	28	30	32

Source: WHO-UNICEF estimates.

Reference MCV coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Ghana	81	81	84	73	73	73	71	70	68	66	64	63	61	65	59	51	31	21	10	16	21
Greece	88	88	88	88	89	90	90	70	70	72	72	72	76	76	82	81	39	77	75		
Grenada	94	96	92	94	97	92	85	88	93	99	73	99	85	89	58	77	62	49	31	7	5
Guatemala	92	91	88	83	79	74	69	83	66	71	59	49	68	60	55	24	55	23	24	9	12
Guinea	54	52	52	52	52	56	61	61	58	55	52	42	35	27	27	28	28	29	29	30	34
Guinea-Bissau	47	48	59	70	61	51	49	45	68	68	60	52	53	65	52	68	59	35	31	27	
Guyana	95	92	86	87	93	82	91	84	83	80	73	81	77	69	55	52	42	40	56	44	68
Haiti	53	53	54	54	53	52	50	49	48	44	39	35	31	31	59	23	26	21	8	6	3
Honduras	97	95	98	98	98	99	91	89	93	94	89	86	90	94	76	57	60	53	44	49	48
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Iceland	88	88	91	94	96	99	99	99	98	99	99	99	99	99	99	97	95	96	96	81	
India	67	56	56	50	51	55	66	72	67	59	51	43	56	42	32	24	10	1			
Indonesia	76	76	73	71	71	71	71	63	62	62	61	59	58	54	51	48	45	26	13	6	
Iran (Islamic Republic of)	99	96	99	99	99	95	99	95	97	96	96	84	85	79	83	76	69	62	51	38	55
Iraq	90	90	90	90	88	85	82	80	72	63	75	78	80	79	85	91	75	70	25	12	11
Ireland	73	73	77	77	77	77	77	77	78	78	78	78	78	78	68	66	65	63	10	10	
Israel	95	94	94	94	94	94	94	95	94	95	94	94	91	88	86	89	88	85	85	85	88
Italy	70	70	70	70	55	57	55	50	50	50	50	50	43	41	10	21	17	12	10	5	
Jamaica	86	85	88	96	85	88	99	89	77	80	63	84	69	71	68	62	36	64	62	15	12
Japan	98	98	96	95	95	94	94	93	81	68	69	71	73	77	76	75	74	73	73	70	66
Jordan	95	99	94	94	93	95	94	92	91	88	91	85	87	84	87	87	81	73	65	56	48
Kazakhstan	95	96	99	99	99	97	97	95	91	91	89										
Kenya	78	78	77	76	78	79	81	83	84	84	84	81	78	75	72	69	65	63	55		
Kingdom of Bahrain	99	98	98	94	99	94	95	95	93	90	87	88	87	85	78	78	78	78	65	59	54
Kiribati	88	76	80	62	77	82	64	47	70	89	77	62	75	63	54	14	9	4	8	24	
Kuwait	99	99	99	96	99	95	99	98	98	95	85	75	66	98	97	95	93	91	88	80	79
Kyrgyzstan	98	99	98	99	98	98	98	97	88	93	94										
Lao People's Democratic Republic	55	50	42	71	71	67	73	68	73	46	46	47	32	20	23	11	10	6	6	7	7
Latvia	98	98	97	97	97	97	96	81	81	80	95										
Lebanon	96	94	90	79	91	89	85	85	88	88	76	65	61	58	48	39	30	23	16	8	1
Lesotho	70	70	74	77	78	80	82	83	81	81	80	80	80	79	79	79	73	73	62	58	53
Liberia	57	78	52																		





Reference MCV coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Libyan Arab Jamahiriya	91	93	92	92	92	91	93	92	92	91	88	87	89	79	76	75	78	75	76	71	65
Lithuania	98	97	97	97	97	96	96	94	93	92	89										
Luxembourg	91	91	91	91	91	91	91	88	86	83	80	80	80	80	71	77	68	58	49	39	
Madagascar	61	55	55	55	46	46	46	55	63	54	54	54	47	44	36	28	11	6	1		
Malawi	69	82	73	83	90	87	90	90	83	87	91	85	81	84	82	79	60	49	50	58	64
Malaysia	92	92	88	87	86	84	85	82	81	80	83	79	70	61	71	68	35	20	23	11	
Maldives	99	99	99	97	98	96	95	96	97	86	98	97	96	88	83	41	50	47	40	37	34
Mali	33	37	49	52	54	57	55	54	51	51	40	42	43	40	23	27	27	13			
Malta	65	65	74	67	60	56	51	51	71	90	92	90	80	86	41	59	35	10	10		
Marshall Islands	80	89	94	93	93	52	69	57	59	36	86	74	52	39	25	31					
Mauritania	81	58	62	56	62	64	66	67	53	49	43	32	38	42	45	27	40	41	42	43	44
Mauritius	84	90	84	80	85	87	61	89	85	84	84	88	76	80	73	69	71	67	55	53	34
Mexico	96	95	96	95	96	90	93	90	90	82	91	90	78	85	70	54	60	64	21	23	37
Micronesia (Federated States of)	84	84	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	98	98	99	99	99						
Mongolia	98	95	94	93	93	91	88	85	80	84	84	82	92	86	70	61	11	18	20	1	6
Morocco	96	96	93	90	91	92	93	88	87	83	81	80	80	81	81	73	58	45	42	35	17
Mozambique	58	58	58	58	58	58	58	71	65	62	56	55	59	48	44	37	39	39	50	51	58
Myanmar	75	73	84	85	85	88	86	82	77	88	84	85	90	50	32	17	5				
Namibia	68	58	69	65	64	59	61	69	70	71	71	76	41	56							
Nauru	40	95	8	49	90	99															
Nepal	71	71	71	72	72	73	65	56	58	58	58	57	57	57	58	37	37	34	24	11	2
Netherlands	96	96	96	96	96	96	94	94	94	95	94	94	94	94	93	93	93	92	93	92	91
New Zealand	85	85	85	83	81	99	92	84	87	85	82	82	90	83	75	67	60	64	67	71	74
Nicaragua	98	99	99	99	99	94	90	81	73	83	73	54	82	63	63	47	51	59	56	41	40
Niger	48	51	34	36	35	35	38	40	19	19	21	28	25	14	24	27	27	27	22	16	18
Nigeria	40	40	40	40	40	69	38	44	41	40	43	57	54	59	46	36	28	17	9		
Niue	99	99	99	99	99	99	99	34	67	99	99	99	99	99	94	94	73	52	52	58	65
Norway	88	93	92	93	93	93	92	92	94	93	96	94	87	84	87	87	87	90	80	80	
Oman	99	99	99	99	98	98	98	98	97	95	96	96	98	94	87	86	79	65	53	34	24
Pakistan	57	57	56	56	55	52	50	47	53	52	52	51	50	48	46	43	41	38	33	19	3
Palau	99	91	83	96	74	83	99	99	41	32	94	98	98	98	99	98	98				

Source: WHO-UNICEF estimates.

Reference MCV coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Panama	79	95	97	90	96	92	90	84	84	83	76	80	73	73	73	78	74	84	72	85	64
Papua New Guinea	71	58	68	57	59	41	46	75	73	72	70	69	67	52	46	37	39	33	26	1	
Paraguay	82	77	77	92	99	61	82	75	76	96	87	74	69	58	63	56	46	48	62	37	26
Peru	95	97	97	93	93	91	87	98	75	75	83	74	64	52	52	56	41	53	35	28	32
Philippines	73	75	80	79	79	79	76	72	75	78	81	83	85	83	77	68	51	49	44	27	9
Poland	98	97	97	97	97	97	97	96	96	95	95	94	95	95	95	94	92	92	94	94	93
Portugal	87	87	87	96	96	96	99	94	91	95	99	96	85	96	84	81	75	70	48	48	46
Qatar	99	92	87	87	89	87	90	87	86	86	86	84	79	79	73	60	62	62	62	69	22
Republic of Korea	97	97	95	90	85	85	89	93	92	92	93	93	93	95	70	82	89	89	61	33	5
Republic of Moldova	94	81	87	99	99	99	98	99	95	92	92										
Romania	98	98	98	98	97	97	94	93	91	93	91	92	92	90	78	90	81	88	86	83	
Russian Federation	98	98	97	97	94	91	88	85	81	88	83										
Rwanda	69	69	74	78	78	66	76	84	25	74	82	89	83	83	79	78	79	52	53	53	48
Saint Kitts and Nevis	99	94	99	99	99	97	99	99	99	99	99	99	99	90	77	91	96	91	85		
Saint Lucia	97	89	95	95	90	95	95	94	94	94	72	87	83	91	83	81	91	68	60	36	43
Saint Vincent and the Grenadines	99	98	96	87	99	99	99	99	99	99	99	99	96	99	97	91	88	91	92	59	40
Samoa	99	92	93	91	99	99	96	96	94	92	90	77	89	82	75	78	91	81	83	78	59
San Marino	74	74	74	99	99	98	98	97	97	96	99	99									
Sao Tome and Principe	85	75	69	64	59	60	57	74	65	57	52	77	71	45	69	69	58	35	48	40	32
Saudi Arabia	97	94	94	92	93	92	92	94	93	91	88	95	88	86	81	77	77	79	71	65	53
Senegal	54	48	48	60	62	65	70	80	59	58	57	54	51	48	60	66	71				
Serbia and Montenegro	92	90	89	84	88	92	90	86	81	85	82	76	83	90	93	92	92	91	90	95	95
Seychelles	98	95	97	99	93	99	98	97	92	92	92	89	86	89	89	95	95	90	77	98	64
Sierra Leone	60	53	37	62																	
Singapore	91	89	91	93	96	90	89	88	88	87	89	92	84	81	87	94	85	75	85	88	78
Slovakia	99	99	98	99	99	99	99	99	97												
Slovenia	94	94	94	98	93	82	93	93	91	90	90										
Solomon Islands	78	78	87	96	64	68	90	68	60	64	70	76	70	92	69	58	31				
Somalia	45	36	38	38	47	25	33	34	35	33	32	30	30	30	33	28	25	35	16	6	4
South Africa	78	72	77	82	82	82	76	76	76	85	85	85	79	84	68	75	64	70	70	74	
Spain	97	96	94	93	93	93	90	90	90	90	83	85	97	97	84	85	83	79	68	40	27
Sri Lanka	99	99	99	95	94	94	89	87	84	86	82	79	80	76	68	60	45	20	3		





Reference MCV coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sudan	49	67	47	53	49	58	59	51	48	49	52	57	57	61	44	22	11	6	3	2	1
Suriname	73	90	85	85	82	78	99	79	66	60	61	84	65	73	90	70	78	73	4	14	17
Swaziland	72	72	72	72	82	92	82	94	94	85	85	80	85	85	85	65	74	54	50	46	38
Sweden	94	94	96	96	97	97	97	96	96	96	96	95	95	94	94	93	94	92	92	87	72
Switzerland	79	81	81	81	81	81	82	82	82	82	83	83	90	90	70	70	70				
Syrian Arab Republic	98	93	96	97	97	93	95	90	84	86	84	84	87	86	77	73	72	27	23	19	22
Tajikistan	84	86	87	79	81	83	86	88	90	92	84										
Thailand	94	94	94	96	94	93	92	91	86	80	74	79	80	81	63	52	45	26	5		
T.F.Y.R. Macedonia	98	92	97	98	96	98	91	97	86	98											
Timor-Leste	47																				
Togo	58	58	58	57	50	43	48	53	57	60	64	69	73	78	62	74	43	27	11		
Tonga	90	93	95	97	96	97	95	94	86	87	87	90	86	84	81	88	37	81	43	67	44
Trinidad and Tobago	88	91	90	91	90	88	99	97	87	87	99	99	99	59	72	68	42	32	10		
Tunisia	94	92	85	84	94	92	92	91	91	92	94	94	93	93	87	81	67	65	55	42	43
Turkey	82	90	86	80	79	79	72	65	76	72	78	73	78	71	82	67	64	61	62	63	64
Turkmenistan	88	98	97	97	99	99	98	92	90	84	76										
Tuvalu	99	99	97	94	96	99	94	94	79	64	66	63	95	79	90	65	65	92	71	65	
Uganda	77	61	56	57	53	54	55	57	59	57	56	54	52	51	49	38	27	17	18	20	21
Ukraine	99	99	99	99	96	97	92	97	96	94	90										
United Arab Emirates	94	94	94	96	95	95	90	90	90	90	85	82	80	78	74	71	67	60	53	51	41
United Kingdom	83	85	88	88	88	91	92	92	91	91	92	90	87	84	80	76	71	68	63	60	58
United Republic of Tanzania	89	83	78	72	78	73	78	78	79	77	81	79	80	79	83	78	97	66	55	60	50
United States of America	91	91	91	92	92	91	91	88	89	84	83	87	90	94	98	82	97	97	98	98	97
Uruguay	92	94	89	93	93	92	89	90	90	90	93	96	97	82	72	88	82	59	66	65	52
Uzbekistan	97	99	99	96	96	88	95	91	71	82	84										
Vanuatu	44	94	94	94	94	65	61	60	53	74	66	63	66	50	46	34	22	26	18	23	20
Venezuela	78	98	84	84	94	65	64	66	94	62	61	63	61	50	51	57	48	56	41	42	45
Viet Nam	96	97	97	93	96	96	96	96	96	93	90	88	85	89	75	42	39	19	4	4	1
Yemen	65	79	71	74	66	46	47	46	31	51	46	53	69	48	34	22	15	13	8	6	4
Zambia	85	85	85	85	85	86	86	86	96	91	85	80	90	80	80	80	58	58	57	56	
Zimbabwe	58	68	70	79	79	84	88	87	87	86	86	87	87	87	88	88	83	78	62	60	58

Reference Pol3 coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	48	45	32	36	37	37	31	20	8	18	21	23	25	33	35	25	11	15	16	5	5
Albania	98	97	97	97	97	99	99	98	98	98	97	82	89	96	96	94	94	94	92	92	92
Algeria	86	89	90	92	89	89	88	88	87	88	88	89	89	87	85	79	72	69	30	30	31
Andorra	90	90	90	90	90	90															
Angola	42	44	33	22	46	38	33	28	28	28	21	26	23	19	13	16	15	13			
Antigua and Barbuda	90	99	99	99	99	99	99	99	99	99	99	97	99	99	99	95	96	99	93	99	90
Argentina	91	88	85	91	74	91	90	90	85	82	85	86	90	86	91	85	79	69	72	73	92
Armenia	96	97	96	97	96	95	97	93	92	92	92										
Australia	93	92	91	88	86	86	86	86	83	80	78	75	72	95	95	95	95	94	94	94	68
Austria	82	65	71	79	87	95	95	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Azerbaijan	99	99	99	99	98	98	97	98	94	94	96										
Bahamas	98	98	91	82	88	86	85	86	88	91	89	91	86	82	84	76	91	84	62	65	67
Bangladesh	85	83	83	81	82	78	77	69	84	74	67	74	69	49	16	8	4	2	1	1	1
Barbados	86	86	86	86	93	96	85	93	91	88	89	84	90	80	73	68	80	83	77	62	63
Belarus	99	99	99	99	99	98	98	96	92	91	90										
Belgium	95	95	95	95	94	94	94	92	93	94	94	93	95	95	95	97	99	97	95	90	90
Belize	93	96	89	84	87	85	85	83	84	89	91	82	86	71	73	69	81	61	61	61	52
Benin	72	75	78	71	70	66	67	68	82	75	73	68	74	48	30	25	17	16			
Bhutan	89	88	98	89	85	87	86	86	84	82	85	91	96	76	70	63	54	41	27	14	11
Bolivia	79	79	78	78	51	57	61	64	60	56	54	52	50	51	40	41	42	30	46	11	12
Bosnia and Herzegovina	86	92	87	90	89	80	74	69	69	45	65										
Botswana	97	97	97	97	96	95	95	94	93	92	91	91	90	89	89	88	88	85	83	80	77
Brazil	97	95	95	98	96	89	78	82	71	64	65	67	58	54	57	53	51	52	55	55	52
Brunei Darussalam	99	99	99	97	98	99	99	99	99	99	95	94	92	91	89	88	86	88	94	90	99
Bulgaria	94	94	98	98	97	96	95	97	94	97	99	99	99	99	99	99	99	99	99	99	98
Burkina Faso	42	42	42	42	42	39	37	35	36	39	41	53	66	44	34	23	21	10			
Burundi	69	69	69	69	70	71	72	73	50	69	82	84	85	86	51	70	56	43	29	20	13
Cambodia	54	59	62	52	54	56	48	39	38	36	32	39	39	48	45	34	35	26	18		
Cameroon	48	48	48	48	48	47	43	46	42	34	37	46	54	54	51	44	42	35	26	25	15
Canada	89	89	89	89	89	89	89	89	89	89	89	88	88	87	87	86					
Cape Verde	94	77	86	70	79	77	73	73	87	90	89	88	87								
Central African Republic	40	40	38	36	47	51	51	51	46	60	45	65	82	61	42	22	19	20	17	16	14





Reference Pol3 coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Chad	40	24	29	33	24	24	20	18	18	12	10	18	20	20	14	13	8	3	4		
Chile	95	99	98	95	93	96	91	94	92	89	91	94	97	95	96	95	86	89	90	80	88
China	79	79	90	85	98	97	96	94	94	95	95	96	98	96	96	78	68	87	84	81	80
Colombia	81	83	78	75	72	76	87	87	87	85	84	91	93	90	94	82	53	62	68	42	27
Comoros	98	70	70	78	75	48	60	78	58	70	46	55	94	78	44	73	73	53	32		
Congo	41	32	33	29	25	21	47	50	55	60	67	74	80	79	71	71	71	73	59	53	48
Cook Islands	99	92	94	70	95	92	75	93	86	99	87	87	83	89	94	82	82	91	96	47	57
Costa Rica	94	92	80	84	85	97	85	86	88	88	91	90	95	86	87	92	87	88	94	86	80
Côte d'Ivoire	54	57	72	62	64	59	54	46	49	51	49	51	56	42	32	27	22	16	11		
Croatia	95	94	94	93	93	92	91	90	87	86	85										
Cuba	98	99	99	96	97	97	98	95	96	97	99	97	94	96	98	86	99	88	95	95	83
Cyprus	98	97	97	97	98	98	98	96	96	95	95	94	94	93	90	93	91	61	31	36	27
Czech Republic	97	97	98	98	97	97	98	98	98	99											
Democratic Republic of the Congo	45	33	42	21	18	18	18	24	27	29	31	16	34	38	41	38	39	34	30	26	22
Denmark	98	97	97	99	99	99	99	99	99	95	98	99	97	99	99	99	94	94	94	94	97
Djibouti	62	49	46	24	23	32	41	41	41	41	41	53	85	77	65	25	24	22	21	14	6
Dominica	98	99	99	99	99	99	99	96	92	99	99	94	98	94	97	95	92	89	82	92	73
Dominican Republic	73	74	54	71	70	70	70	70	98	82	73	74	90	70	65	79	79	39	99	22	43
Ecuador	90	92	81	69	83	77	89	69	78	79	86	61	67	64	58	51	44	39	47	32	36
Egypt	97	99	98	95	95	94	91	90	91	89	89	86	87	90	89	82	89	84	78	67	67
El Salvador	81	94	98	92	99	96	94	94	89	79	61	61	80	64	63	57	51	54	30	20	42
Equatorial Guinea	39	39	39	39	81	81	80	79	77	76	76	75	75	15	11	8	4	4			
Eritrea	83	83	88	93	84	75	66	58	49	32	14										
Estonia	98	94	93	95	94	94	93	87	87	84											
Ethiopia	57	57	57	35	57	82	73	65	57	28	13	21	49	26	16	16	7	6	4	4	3
Fiji	99	99	95	92	88	88	99	99	96	96	98	99	96	99	99	92	73	68	72	81	65
Finland	95	95	95	95	95	95	99	99	98	99	99	97	90	90	99	97	95	89	84	78	78
France	98	97	97	97	97	97	97	97	97	95	95	92	85	84	81	89	97	97	97	92	86
Gabon	31	31	31	31	41	50	60	70	69	67	66	72	78	78	72	65	59	48			
Gambia	90	87	89	88	95	99	87	98	97	96	94	94	94	92	88	80	67	62	76	70	76
Georgia	89	83	81	81	81	81	82	82	82	82	68										
Germany	95	95	95	90	85	80	80	80	80	80	80	90	85	90	94	95	95	80	80	80	80

Source: WHO-UNICEF estimates.

Reference Pol3 coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Ghana	80	80	83	72	72	72	72	71	71	67	62	60	57	50	45	40	29	18	19	23	25
Greece	87	87	87	87	91	95	95	95	95	95	95	77	96	96	98	97	97	96	98	97	96
Grenada	98	99	97	87	95	95	80	77	85	91	90	82	69	86	64	81	92	77	75	72	61
Guatemala	84	82	85	78	78	73	73	80	73	77	70	69	74	58	58	18	36	42	48	44	45
Guinea	44	43	43	43	43	46	48	54	53	53	52	37	18	16	16	16	16	16	15	15	15
Guinea-Bissau	50	52	47	42	51	60	54	45	69	63	66	63	60	54	70	55	47	18	4	3	
Guyana	93	90	78	83	90	88	83	87	90	92	87	84	78	79	69	77	67	77	41	59	73
Haiti	43	43	43	43	43	42	42	42	41	39	37	35	40	50	48	28	24	19	13	6	7
Honduras	95	95	86	95	98	95	94	94	95	95	94	93	87	86	70	61	63	58	73	51	47
Hungary	99	99	99	99	99	99	99	99	99	99	99	98	99	99	99	99	99	99	98	98	99
Iceland	91	91	95	96	98	99	99	99	99	99	94	99	99	99	99	99	99	99	99	97	98
India	70	70	70	61	62	63	67	71	67	61	56	58	66	55	37	27	16	14	12	10	8
Indonesia	74	70	67	71	75	79	83	71	69	67	65	62	60	56	53	49	46	13	6	4	1
Iran (Islamic Republic of)	99	95	99	99	99	99	97	97	95	99	97	88	90	82	88	80	71	63	50	34	74
Iraq	84	84	86	87	84	80	76	73	87	88	81	63	83	97	91	76	91	86	63	16	16
Ireland	84	84	86	86	85	76	77	77	78	79	80	80	81	81	72	78	84	90	74	76	79
Israel	93	92	92	94	96	95	95	96	97	97	96	94	93	93	94	93	93	86	87	88	93
Italy	96	96	96	97	96	98	97	98	98	97	97	98	98	75	85	81	95	92	90	90	
Jamaica	86	91	86	84	85	90	92	90	94	93	74	86	87	84	83	82	74	58	57	57	72
Japan	81	81	99	99	98	97	99	97	94	91	94	94	90	93	94	95	95	95	95	95	95
Jordan	95	97	94	97	99	93	96	95	94	91	92	92	92	94	92	89	88	84	81	77	75
Kazakhstan	95	96	97	99	99	99	98	94	69	69	87										
Kenya	83	83	78	73	77	81	87	94	92	89	87	86	84	83	82	77	72	70	57		
Kingdom of Bahrain	98	97	97	97	98	98	96	95	96	94	94	99	94	96	96	95	92	90	86	83	79
Kiribati	96	88	90	77	83	93	82	58	81	99	90	76	97	86	62	5	10	15	23	25	40
Kuwait	94	94	94	94	94	99	99	99	99	97	89	80	71	94	94	93	91	91	89	90	84
Kyrgyzstan	99	99	99	99	97	99	94	96	84	69	91										
Lao People's Democratic Republic	55	55	57	64	67	69	68	64	58	26	27	22	26	22	17	10	6	4	5	7	7
Latvia	98	97	96	95	94	92	93	98	98	83	95										
Lebanon	92	93	90	94	95	92	94	93	93	91	88	86	82	78	62	46	30	17	4	6	9
Lesotho	78	78	81	84	85	86	87	88	85	83	80	78	76	77	77	77	79	80	72	65	60
Liberia	50	61	59																		





Reference Pol3 coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Libyan Arab Jamahiriya	93	94	94	94	95	96	96	95	95	96	90	87	84	87	84	82	82	81	81	79	72
Lithuania	97	97	92	88	88	95	93	89	88	86	88										
Luxembourg	98	98	98	98	98	98	98	96	94	92	90	90	90	90	90	90	90	90	90	90	
Madagascar	61	58	58	58	48	48	48	56	64	64	64	54	46	42	41	34	28	21	13	11	8
Malawi	79	86	73	77	93	94	82	90	84	91	98	96	93	90	72	78	53	55	56	58	58
Malaysia	97	97	95	93	93	90	92	90	90	89	93	91	90	76	67	68	62	67	64	61	66
Maldives	98	98	97	98	97	97	96	97	97	98	98	97	94	91	86	42	42	28	24	13	1
Mali	57	51	39	43	48	52	52	49	39	46	33	36	42	26	18	9	9	2			
Malta	95	95	94	93	92	92	92	92	78	83	81	86	86	88	79	87	73	84	90	85	80
Marshall Islands	80	73	36	86	86	71	77	64	62	52	62	71	89	63	37	33					
Mauritania	82	58	44	26	16	28	50	56	50	44	39	28	33	28	29	10	11	16	21	20	19
Mauritius	88	93	88	85	90	90	90	93	89	89	88	91	86	86	87	96	97	91	87	91	96
Mexico	92	90	89	88	85	95	95	92	92	84	91	87	66	96	95	97	96	67	99	88	99
Micronesia (Federated States of)	79	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	98	98	99	99	99						
Mongolia	98	95	94	94	94	93	90	86	77	79	79	78	87	87	87	86	86	86	86	86	86
Morocco	94	93	95	91	93	95	95	90	87	86	87	82	81	80	82	82	63	51	45	41	32
Mozambique	55	55	55	55	55	55	55	57	55	49	50	46	46	47	38	38	32	25	32	38	43
Myanmar	77	71	86	87	88	90	87	84	77	90	87	84	88	45	22	10	4	3	2	3	1
Namibia	78	64	80	72	74	69	71	73	80	79	87	70	54	59							
Nauru	59	99	27	64	72	36	46	56	60	63	67	70	74	70	67	55	59	73	52		
Nepal	72	72	72	73	77	70	60	50	54	51	48	45	42	42	43	43	34	20	6	4	3
Netherlands	98	97	97	97	97	95	97	97	97	97	97	97	97	97	97	97	97	97	97	97	96
New Zealand	82	82	82	85	82	99	94	87	84	76	68	68	90	83	75	74	84	84	84	72	
Nicaragua	85	92	93	93	91	99	99	96	84	94	86	83	87	85	83	92	85	84	77	82	70
Niger	25	30	31	40	25	25	23	23	20	20	20	19	22	13	9	7	5	4	5	5	6
Nigeria	25	25	25	25	25	45	26	31	45	28	38	42	55	47	36	28	21	16	8		
Niue	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	81	62	43	55	67	79
Norway	91	95	96	91	91	91	92	92	93	92	98	93	84	84	84	80	84	90	90	90	
Oman	99	99	99	99	99	99	99	99	97	97	99	95	98	98	90	89	82	60	45	31	24
Pakistan	63	63	61	60	58	52	46	58	39	37	42	50	54	40	38	36	34	30	23	15	5
Palau	99	98	96	96	96	90	99	99	34	99	99	98	99	99	99	98					

Source: WHO-UNICEF estimates.

Reference Pol3 coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Panama	85	95	99	96	99	99	92	86	83	83	77	82	86	72	73	75	70	71	61	60	61
Papua New Guinea	46	33	46	45	46	35	41	46	52	57	63	64	67	52	48	46	42	34	32	27	27
Paraguay	78	80	63	65	72	71	70	67	70	66	73	68	64	59	70	81	90	99	68	47	39
Peru	90	88	89	92	91	91	93	89	87	88	85	74	73	60	61	45	50	47	28	22	23
Philippines	70	85	75	79	79	82	74	67	71	74	78	90	88	85	78	73	65	58	56	55	51
Poland	98	98	98	98	98	98	97	96	95	95	94	94	96	96	96	96	95	94	95	95	95
Portugal	96	96	96	96	96	93	95	96	96	92	93	95	89	88	81	81	78	29	21	20	18
Qatar	96	90	90	92	94	92	92	92	91	90	88	86	82	81	69	86	70	71	60	49	37
Republic of Korea	99	98	99	85	71	81	91	99	93	88	84	79	74	88	91	93	80	80	80	78	70
Republic of Moldova	98	93	92	98	98	98	99	97	94	92	93		92	95	92						
Romania	99	99	99	98	98	97	97	94	94	91	92	90	92	95	92	90	90	92			
Russian Federation	97	97	97	97	94	91	87	77	68	82	69										
Rwanda	85	76	90	85	85	73	89	84	23	83	86	90	83	93	78	86	86	56	41	25	20
Saint Kitts and Nevis	97	99	99	99	98	99	98	99	99	99	99	99	99	99	93	98	99	89	97	91	93
Saint Lucia	90	99	70	89	88	98	88	98	97	97	95	96	90	93	87	86	88	44	84	81	81
Saint Vincent and the Grenadines	99	99	99	99	99	99	99	97	99	99	99	99	92	97	97	96	95	89	90	84	99
Samoa	96	92	99	98	99	99	95	94	93	92	91	79	88	66	90	93	94	92	96	89	87
San Marino	96	96	96	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Sao Tome and Principe	93	87	87	79	72	73	68	79	69	60	67	87	90	62	72	72	66	48	48	48	48
Saudi Arabia	95	97	95	93	94	92	93	96	95	94	91	91	92	94	89	87	85	83	81	68	63
Senegal	60	49	49	60	60	65	70	80	57	58	59	51	53	56	58	56	55				
Serbia and Montenegro	95	93	98	92	93	94	91	90	84	83	84	81	81	90	92	90	89	90	89	85	90
Seychelles	99	96	98	99	99	98	99	97	96	96	96	98	99	97	94	89	94	86	95	98	57
Sierra Leone	50	38	46	61																	
Singapore	92	91	93	95	96	94	94	93	94	92	92	91	85	90	90	95	94	81	81	86	83
Slovakia	98	99	98	99	98	98	98	98	98												
Slovenia	93	93	93	93	90	92	98	98	98	98	98										
Solomon Islands	68	80	82	84	69	70	98	69	65	71	73	74	75	66	63	41	41	36	41	27	22
Somalia	40	33	37	40	24	19	21	22	23	21	20	18	18	18	26	25	17	22	11	5	5
South Africa	84	80	76	72	73	73	73	72	73	81	79	82	76	73	70	75	70	77	76	80	
Spain	96	96	95	94	94	94	91	88	88	88	85	88	94	94	94	82	75	73	91		
Sri Lanka	98	99	99	99	94	98	92	92	89	90	88	86	86	88	85	79	75	71	65	64	56





Reference Pol3 coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Sudan	40	47	41	46	46	55	56	48	46	51	53	62	62	61	41	27	14	8	4	3	2
Suriname	73	80	84	84	90	81	84	81	71	76	72	72	81	71	71	70	80	85	79	83	53
Swaziland	76	76	76	75	80	86	81	81	96	86	93	79	89	89	89	74	72	59	49	43	39
Sweden	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	98	98	98	99	99
Switzerland	94	95	95	95	95	95	95	95	95	95	95	95	98	98	95	97	98				
Syrian Arab Republic	99	92	94	94	94	94	94	92	89	90	89	89	90	87	79	70	72	29	25	21	15
Tajikistan	85	85	85	84	83	82	81	79	78	77	95										
Thailand	97	97	97	97	97	95	94	96	93	89	84	90	92	90	80	71	66	61	56	46	39
T.F.Y.R. Macedonia	97	91	96	95	94	97	94	95	91	99											
Timor-Leste	56																				
Togo	63	63	63	57	52	47	53	59	62	66	69	73	76	72	54	60	35	23	11	10	10
Tonga	90	95	95	94	97	96	99	93	90	96	99	92	93	93	92	87	73	81	46	57	80
Trinidad and Tobago	89	91	90	90	91	91	99	97	78	78	87	81	89	77	83	80	71	74	66	61	59
Tunisia	96	96	96	96	97	96	95	94	93	94	95	93	93	93	91	84	72	70	66	62	
Turkey	78	88	85	79	76	79	73	67	91	76	77	72	84	79	86	86	45	55	57	59	61
Turkmenistan	99	94	98	98	99	99	98	96	94	92	91										
Tuvalu	98	96	80	83	94	78	85	91	74	79	85	85	90	66	91	59	73	97	74	83	79
Uganda	73	60	53	55	54	55	57	58	59	56	52	49	45	42	38	30	21	13	12	11	9
Ukraine	99	99	99	98	98	99	99	97	96	91	89										
United Arab Emirates	94	94	94	94	94	92	90	90	90	90	86	85	85	85	82	80	77	74	59	50	46
United Kingdom	91	94	92	95	95	96	96	96	95	95	95	93	92	89	87	87	85	95	84	84	84
United Republic of Tanzania	91	62	64	74	79	79	80	79	83	78	82	81	78	66	82	80	73	64	47	49	48
United States of America	90	90	90	90	91	91	91	88	84	79	72	78	85	91	97	97	97	96	97	97	97
Uruguay	93	94	92	93	91	91	91	91	91	92	93	96	97	88	82	85	64	58	80	77	72
Uzbekistan	99	99	96	99	99	97	97	79	79	51	85										
Vanuatu	53	87	87	87	87	67	68	74	74	87	78	82	78	70	58	53	31	27	27	18	17
Venezuela	77	87	86	86	64	73	73	85	73	74	73	74	71	67	74	64	64	59	59	77	76
Viet Nam	92	97	96	93	94	95	94	94	94	91	88	88	85	89	77	51	45	62	5	2	
Yemen	69	76	76	72	68	51	47	44	33	54	50	47	84	56	36	20	13	10	7	5	4
Zambia	79	79	79	80	81	82	83	84	90	87	83	80	90	81	81	81	74	61	50	46	
Zimbabwe	74	75	70	81	81	86	90	88	87	85	86	88	89	88	87	86	82	63	61	53	46

Reference Protection at birth (PAB) coverage: WHO-UNICEF estimates

	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982
Afghanistan	34	35	35																		
Angola	62	62	62																		
Bangladesh	89	87	85																		
Benin	66	66	66																		
Burkina Faso	44	45	45																		
Burundi	42	46	46																		
Cambodia	36	40	40																		
Cameroon	65	65	65																		
Central African Republic	63	61	61																		
Chad	39	39	39																		
Comoros	41	46	46																		
Congo	41	39	39																		
Côte d'Ivoire	80	80	79																		
Democratic Republic of the Congo	44	50	50																		
Egypt	70	71	71																		
Equatorial Guinea	52	53	53																		
Eritrea	50	50	50																		
Ethiopia	24	29	32																		
Gabon	50	54	54																		
Ghana	73	73	73																		
Guinea	43	42	42																		
Guinea-Bissau	41	41	66																		
Haiti	52	52	52																		
India	78	76	74																		
Indonesia	81	81	81																		
Iraq	70	70	70																		
Kenya	60	54	54																		
Lao People's Democratic Republic	35	33	37																		
Liberia	41	56	25																		
Madagascar	35	55	55																		
Malawi	82	82	82																		
Mali	32	32	33																		



Reference Protection at birth (PAB) coverage: WHO-UNICEF estimates



	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982		
Mauritania	40	31	17																				
Mozambique	67	67	67																				
Myanmar	71	77	77																				
Namibia	85	85	85																				
Nepal	69	78	68																				
Niger	36	40	40																				
Nigeria	44	44	44																				
Pakistan	56	52	52																				
Papua New Guinea	34	34	34																				
Philippines	87	87	87																				
Rwanda	83	83	83																				
Senegal	75	75	75																				
Sierra Leone	60	58	58																				
Somalia	60	39	22																				
South Africa	52	60	60																				
Sudan	35	37	34																				
Togo	38	40	44																				
Turkey	37	38	38																				
Uganda	50	45	42																				
United Republic of Tanzania	86	77	77																				
Viet Nam	89	89	90																				
Yemen	39	33	31																				
Zambia	60	60	60																				
Zimbabwe	77	77	77																				

The Department of Vaccines and Biologicals was established by the World Health Organization in 1998 to operate within the Cluster of Health Technologies and Pharmaceuticals. The Department's major goal is the achievement of a world in which all people at risk are protected against vaccine-preventable diseases.

Five groups implement its strategy, which starts with the establishment and maintenance of norms and standards, focusing on major vaccine and technology issues, and ends with implementation and guidance for immunization services. The work of the groups is outlined below.

The *Quality Assurance and Safety of Biologicals team* ensures the quality and safety of vaccines and other biological medicines through the development and establishment of global norms and standards.

The *Initiative for Vaccine Research* and its three teams involved in viral, bacterial and parasitic

diseases coordinate and facilitate research and development of new vaccines and immunization-related technologies.

The *Vaccine Assessment and Monitoring team* assesses strategies and activities for reducing morbidity and mortality caused by vaccine-preventable diseases.

The *Access to Technologies team* endeavours to reduce financial and technical barriers to the introduction of new and established vaccines and immunization-related technologies.

The *Expanded Programme on Immunization* develops policies and strategies for maximizing the use of vaccines of public health importance and their delivery. It supports the WHO regions and countries in acquiring the skills, competence and infrastructure needed for implementing these policies and strategies and for achieving disease control and/or elimination and eradication objectives.

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