

CD-ROM included

IMMUNIZATION SUMMARY 2006



IMMUNIZATION SUMMARY 2006

A Statistical Reference

Data through 2004

CD-ROM included



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GLOSSARY

Note: Compound acronyms denote vaccine combinations. For example, 'DTPHibHepIPV' denotes DTP, Hib, HepB and IPV vaccines combined.

BCG	bacille Calmette-Guérin (vaccine against tuberculosis)
CBAW	childbearing-aged women
DHS	Demographic and Health Surveys
Dip	diphtheria toxoid vaccine
DT	diphtheria toxoid
DTaP	diphtheria and tetanus toxoid with acellular pertussis vaccine
DTP	diphtheria and tetanus toxoid with pertussis vaccine
DTP1	first dose of diphtheria and tetanus toxoid with pertussis vaccine
DTP1-DTP3	The percentage of children not receiving all three required doses of DTP after receiving an initial dose compared with all children who receive the initial DTP dose. This is a key indicator of service performance.
DTP3	third dose of diphtheria and tetanus toxoid with pertussis vaccine
DTwP	diphtheria and tetanus toxoid with whole-cell pertussis vaccine
EPI	Expanded Programme on Immunization
GAVI	Global Alliance for Vaccines and Immunization
GNI	gross national income
HbsAg	hepatitis B surface antigen
HBV	hepatitis B virus
HepA	hepatitis A vaccine
HepB	hepatitis B vaccine
HepB3	third dose of hepatitis B vaccine
Hib	<i>Haemophilus influenzae</i> type b vaccine
Hib3	third dose of <i>Haemophilus influenzae</i> type b vaccine
IPV	inactivated polio vaccine
IVB	Department of Immunization, Vaccines and Biologicals, World Health Organization
JE	Japanese encephalitis
MCV	measles-containing vaccine
MenAC	meningococcal AC vaccine. This bivalent vaccine protects against meningitis serogroups A and C.
MenACWY	meningococcal ACWY vaccine. This quadrivalent vaccine protects against meningitis serogroups A, C, Y and W-135.
MenC_conj	meningococcal C conjugate vaccine

MICS	Multiple Indicator Cluster Surveys
MM	measles and mumps vaccine
MMR	measles-mumps-rubella vaccine
MR	measles and rubella vaccine
NT	neonatal tetanus
OPV	oral polio vaccine
OPV3	third dose of oral polio vaccine
OPV4	fourth dose of oral polio vaccine
OPV ₀	oral polio vaccine dose given at birth
Pa	acellular pertussis vaccine
PAB	protected at birth
Pneumo_conj	pneumococcal conjugate vaccine
Pneumo_ps	pneumococcal polysaccharide vaccine
Pol3	third dose of polio vaccine
PPD	purified protein derivative test
Pw	whole-cell pertussis vaccine
Td	tetanus toxoid with reduced amount of diphtheria toxoid
TT	tetanus toxoid
TT2+	second and subsequent doses of tetanus toxoid
UNICEF	United Nations Children's Fund
VAD1	first dose of vitamin A supplement
VAM	Vaccine Assessment and Monitoring Team, Department of Immunization, Vaccines and Biologicals, World Health Organization
VF	The Vaccine Fund
VPD	vaccine-preventable diseases
WHO	World Health Organization
YFV	yellow fever vaccine

IMMUNIZATION SUMMARY 2006

This reference book, jointly produced by the United Nations Children's Fund (UNICEF) and the World Health Organization (WHO), presents detailed statistics on the performance of national and local immunization systems for 193 countries and territories. It provides a quick overview of key aspects of immunization systems, including:

- Basic indicators from UNICEF, the United Nations Population Division and the World Bank for each country or territory, including infant and under-five mortality rates and the proportion of routine Expanded Programme on Immunization (EPI) vaccines funded by the government.
- Trends in national and territorial coverage rates for seven major antigens.
- The proportion of districts achieving target ranges of coverage for DTP3 and measles-containing vaccine.
- The proportion of districts achieving DTP1-DTP3 drop-out rates of less than 10 per cent.
- District-level performance indicators reflecting the prevalence of interruptions in vaccine supply and the adequacy of supplies of autodisable syringes for routine immunization.
- The most current immunization schedule as reported by the given country or territory.

Immunization Summary 2006 also provides a brief overview of global progress on immunization, maps on routine immunization coverage, tables on indicative prices for major antigens and immunization devices, and appendices listing additional vaccines reported in country and territorial immunization schedules. A glossary of acronyms is included at the front of the book (*see page iv*).

BACKGROUND

Information on immunization levels, trends and the distribution of vaccination services across districts is

used to monitor immunization performance at the local, national and international levels and to guide efforts at polio eradication, measles control and neonatal tetanus elimination. Reliable and timely monitoring and reporting of data at the national, territorial and district levels help public health managers to assess the effectiveness of immunization initiatives and make more informed policy choices. The information also highlights areas where the system may require additional resources and attention.

GLOBAL EQUITY, GLOBAL IMPACT

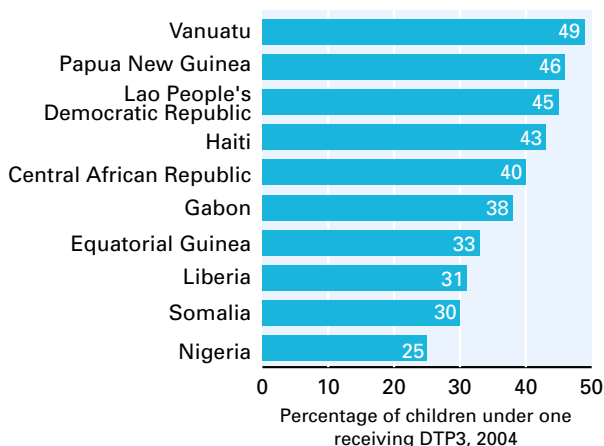
Progress

Immunization has proved to be one of the most important and cost-effective ways of ensuring that children survive their early years. Since the Expanded Programme on Immunization (EPI) was launched in 1974, immunization coverage of infants for the six major vaccine-preventable diseases – diphtheria, measles, pertussis, polio, tetanus and tuberculosis – has risen from less than 5 per cent to almost 80 per cent in 2004. In the past two decades immunization has prevented an estimated 20 million deaths from vaccine-preventable infections.

Despite these successes, much remains to be done. In 2004, an estimated 27 million infants did not receive three doses of diphtheria-tetanus-pertussis vaccine (DTP3) – 1 in every 5 live births. An estimated 1.4 million children under five died from the six major vaccine-preventable diseases, with a further 1.1 million deaths from pneumococcus and rotavirus (these vaccines are under development and hopefully will soon be available).

There is growing concern that progress on expanding immunization coverage has levelled off. The global coverage of infants receiving DTP3 – the benchmark indicator of annual routine immunization coverage – was 78 per cent in 2004, compared with 75 per cent in 1990. 1 in every 6 infants is not immunized against tuberculosis, 1 in every 4 children is not immunized against measles and only half of the world's infants are fully immunized against hepatitis B.

Figure 1: Countries and territories where less than half of all infants are vaccinated*



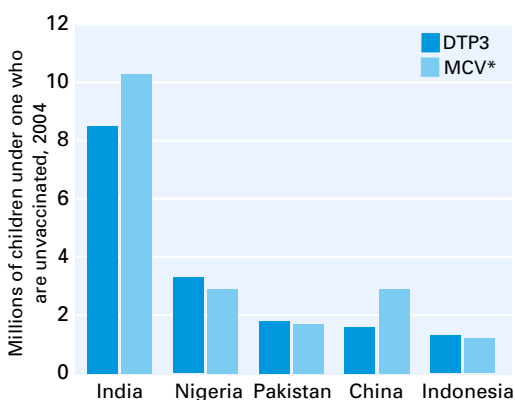
* The proportion of children under one year old receiving three doses of diphtheria and tetanus toxoid with pertussis vaccine (DTP3) is increasingly used as a benchmark indicator to monitor immunization system performance.

Source: WHO/UNICEF estimates of national immunization coverage as of August 2005.

In 10 countries – Nigeria, Somalia, Liberia, Equatorial Guinea, Gabon, Central African Republic, Haiti, Lao People's Democratic Republic, Papua New Guinea and Vanuatu (listed in ascending order of coverage) – routine immunization coverage as measured by DTP3 is less than 50 per cent, leaving 4.3 million infants unvaccinated. More than half of these countries are in sub-Saharan Africa; three are in South-East Asia, and one is in the Americas. An equity-based approach to immunization requires that greater attention and resources are directed towards those countries where coverage is lowest and, consequently, children have the least chance of being vaccinated.

However, absolute numbers of unvaccinated infants are highest in the most populous developing countries, some of which enjoy fairly high levels of national rates of immunization coverage. Five of the world's 10 most populous countries – India, Nigeria, Pakistan, China and Indonesia – each have more than 1 million infants who have not received DTP3; taken together,

Figure 2: Five of the 10 countries with the largest child populations each have more than 1 million infants unvaccinated



* measles-containing vaccine.

Source: WHO/UNICEF estimates of national immunization coverage as of August 2005.

these five countries account for 60 per cent (16.3 million) of the world's 27 million unvaccinated children. Efforts to raise global immunization will need a strong focus on the countries where most of the unvaccinated children live – while also ensuring that the countries where children are most likely to miss out on immunization are not neglected in the search for greater global impact.

The Challenge

The challenge for immunization for 2005-2010 is to achieve the targets set out at the UN General Assembly Special Session on Children in 2002:

- Full immunization of children under one year of age at 90 per cent nationally.
- At least 80 per cent coverage in every district or equivalent administrative unit.

Immunization will occupy a critical role in achieving Millennium Development Goal 4, to reduce the global under-five mortality rate by two thirds between 1990 and 2015. It will also contribute significantly to the achievement of MDG 5, to improve maternal health

Table 1: Indicative budget prices for major antigens, 2006

The UNICEF Supply Division provides the following as indicative prices for preliminary budget planning only.

Monovalent and bivalent vaccines

Bacille Calmette-Guérin

Diphtheria and tetanus toxoid with pertussis vaccine

Tetanus toxoid

Diphtheria and tetanus toxoid

Tetanus toxoid with reduced amount of diphtheria toxoid

Measles-containing vaccine

Oral polio vaccine

Measles-oral polio vaccine

Yellow fever vaccine

Measles and rubella vaccine

Measles-mumps-rubella vaccine

Meningitis vaccine

Hepatitis B vaccine

Haemophilus influenzae type B vaccine

Combination vaccines

Diphtheria and tetanus toxoid with pertussis vaccine-Hepatitis B vaccine

Diphtheria and tetanus toxoid with pertussis vaccine-Hepatitis B vaccine-*Haemophilus influenzae* type B vaccine

Diphtheria and tetanus toxoid with pertussis vaccine-*Haemophilus influenzae* type B vaccine

Note: These are indicative prices only and can vary.

Source: UNICEF Supply Division.

Acronym	Vaccine (doses per vial)	Recommended budget price 2006	
		(US\$ per vial)	(US\$ per dose)
BCG	BCG-20	1.60	0.08
DTP	DTP-10	1.79	0.18
	DTP-20	2.13	0.01
TT	TT-10	0.76	0.08
	TT-20	0.84	0.04
DT	DT-10	0.92	0.09
Td	Td-10	0.70	0.07
MCV	Mea-10	1.79	0.18
OPV	OPV-10	1.75	0.18
	OPV-20	2.57	0.13
MOPV	MOPV	2.34	0.12
YFV	YF-5	3.00	0.60
	YF-10	8.00	0.80
MR	MR-10	4.88	0.49
MMR	MMR-1 (Urabe strain)	1.77	1.77
	MMR-1 (Jeryl Lynn strain)	n/a	n/a
	MMR-10 (Urabe strain)	14.10	1.41
	MMR-10 (Jeryl Lynn strain)	n/a	n/a
MenC_conj	Meningitis-10	n/a	n/a
MenAC	Meningitis (AC)-50	20.55	0.41
MenACWY	Meningitis (ACW)-50	n/a	n/a
HepB	HepB-1	0.41	0.41
	HepB-2	0.76	0.38
	HepB-6	4.02	0.67
	HepB-10	2.40	0.24
Hib	Hib-10 (liquid)	24.30	2.43
	Hib-1 (liquid)	2.65	2.65
	Hib-10 (lyophilized)	n/a	n/a
DTPHeb	DTP-HepB-10	12.90	1.29
DTPHebHip	DTP-HepB+Hib-2	7.20	3.60
DTPHib	DTP+Hib-10 (lyophilized)	31.20	3.12
	DTP+Hib-1 (lyophilized)	3.80	3.80

and reduce maternal mortality, and MDG 6, to combat HIV/AIDS, malaria and tuberculosis.

By 2004, protection against measles for children under one – the primary immunization indicator for MDG 4 – was 90 per cent or higher in 97 countries and territories. Thirty-nine countries had already met the 80 per cent coverage target for DTP3 by 2003. But a massive amount of work is still required if the goals are to be achieved.

Many initiatives are being undertaken to boost access to vaccines and improve coverage. WHO and UNICEF launched the Global Immunization Vision and Strategy (GIVS) in May 2005 to meet the challenges described above. GIVS is based on four key strategies:

- Immunize more people through a combination of routine and campaign strategies, with a strong focus on those currently excluded or unreached.
- Introduce vaccines and technologies through needs assessment in developing countries.
- Integrate other critical health interventions with immunization.

Table 2: Indicative budget prices for immunization devices, 2006

Use only for initial budgetary planning.

Device (box of 100 unless otherwise stated)	Recommended budget price, 2006 (US\$ per box)
BCG autodisable syringe, 0.05 ml	7.35
BCG autodisable syringe, 0.1 ml	7.35
Autodisable syringe, 0.5 ml	6.50
BCG/Hib reconstitution syringe, 2.0 ml, with needle	2.60
Measles/YF reconstitution syringe 5.0 ml, with needle	3.20
Reconstitution syringe, 10.0 ml, with needle	5.00
Safety Box, 5 litre (box of 25)	19.00

Note: These are indicative prices only and can vary.

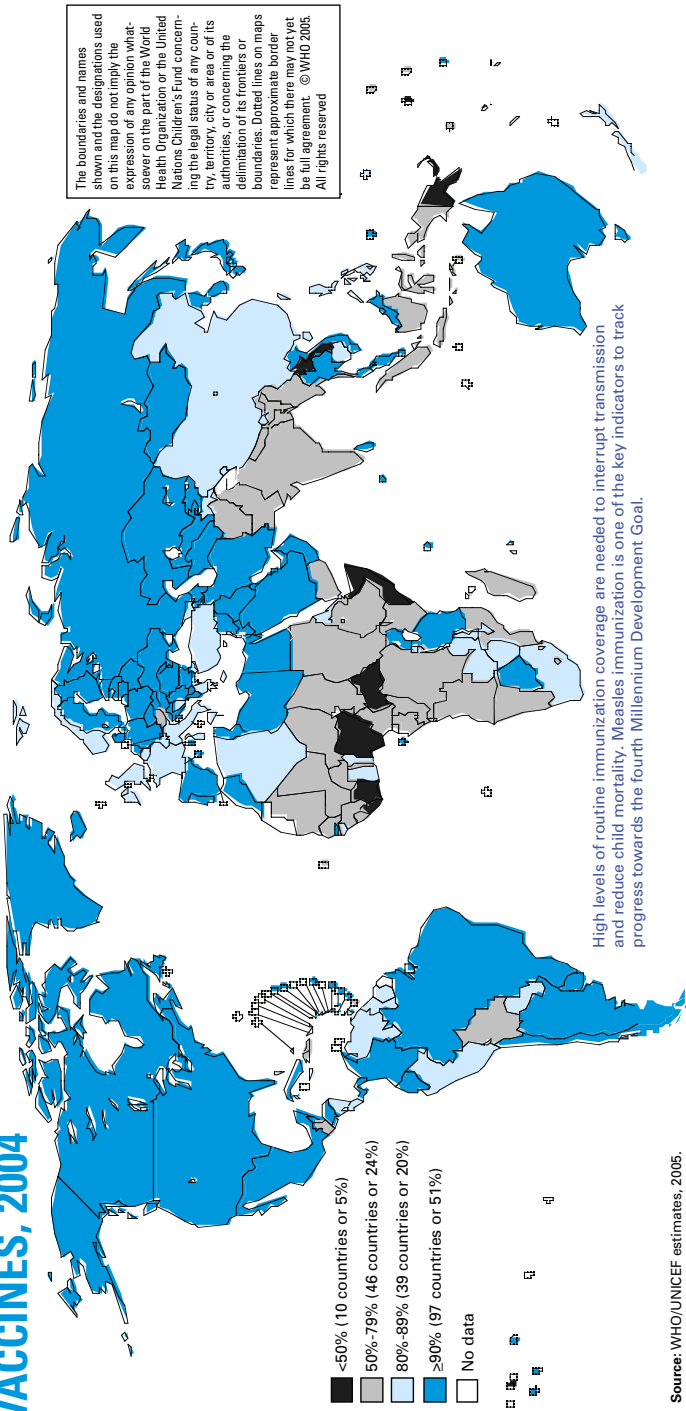
Source: UNICEF Supply Division.

- Achieve a secure, equitable supply of resources for immunization through global partnerships.

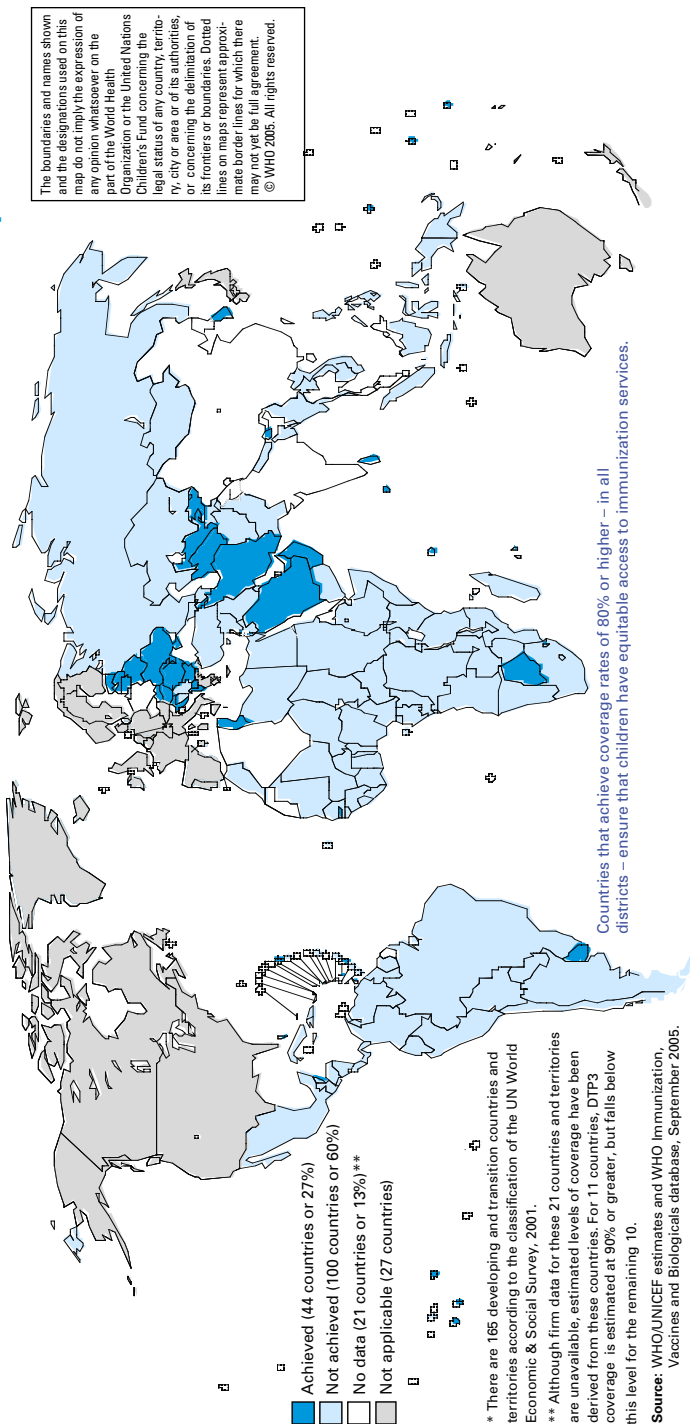
New resources are being mobilized by such innovative financing mechanisms as The Vaccine Fund of the Global Alliance for Vaccines and Immunization (GAVI), the Global Polio Eradication Initiative and the Measles Initiative and by making immunization a priority in poverty-reduction strategies. Enhancing immunization coverage will certainly have financial implications: It is estimated that the introduction of new vaccines and expanded coverage of existing ones will cause the cost of routine immunization to double in 2006 from US\$1 billion in 2005, and to reach around US\$6 billion by 2015. But the benefits are undeniable and justify the additional cost: Meeting MDG 4 would save more than 5 million lives a year by 2015 and more than 30 million lives over the next 10 years.

Efforts to step up global coverage will require more than just political will or additional resources. They will also need to focus on the countries and territories, districts, communities and social groups where most of the unvaccinated children live. These children must not be ignored or neglected in the drive to expand global immunization coverage and reach internationally agreed goals in the next 10 years.

MAP 1: IMMUNIZATION COVERAGE WITH MEASLES-CONTAINING VACCINES, 2004



MAP 2: DEVELOPING AND TRANSITION COUNTRIES AND TERRITORIES* WITH ALL DISTRICTS ACHIEVING AT LEAST 80% DTP3 COVERAGE, 2004



NOTES ON COUNTRIES AND TERRITORIES

Basic indicators

Births: The number of children born each year.

Surviving infants: The number of children who have survived beyond their first year of life.

Note: For both **births** and **surviving infants**, figures are rounded to the nearest thousand. Where populations are small and birth rates low, the figure shown is zero. In other cases where the numbers of births and surviving infants are very close, rounding to the nearest thousand may cause the figures to appear equal. In places where the birth rate is declining, it is possible for the number of surviving infants to exceed births, since the former were born in the previous year.

Infant mortality rate: The probability of dying between birth and exactly one year of age. The infant mortality rate is expressed as the number of infant deaths per 1,000 live births.

Under-five mortality rate: The probability of dying between birth and exactly five years of age. The under-five mortality rate is expressed as the number of deaths of children under five per 1,000 live births.

Percentage of routine Expanded Programme on Immunization vaccines financed by government: The immunizations in this programme include those against tuberculosis, diphtheria, pertussis and tetanus (DPT), polio and measles, as well as protecting babies against neonatal tetanus by vaccination of pregnant women. Other vaccines (e.g., against hepatitis B, *Haemophilus influenzae* type B or yellow fever) may be included in the programme in some countries.

National or territorial coverage rates (WHO/UNICEF estimates)

UNICEF and WHO conduct an annual review of national immunization reports to determine the most accurate levels of coverage. The resulting estimates are based on reported (administrative) data, household surveys and government estimates as reported annually in the WHO/UNICEF Joint Reporting Form on vaccine-preventable diseases. As an essential part of this review, UNICEF and WHO consult and collaborate with national and territorial authorities. Prior to public release, the draft estimates are sent to the authorities of each country or territory for their review and subsequent revisions as necessary.

Vaccines: **BCG:** bacille Calmette-Guérin (BCG) **DTP1:** first dose of diphtheria and tetanus toxoid with pertussis vaccine **DTP3:** third dose of diphtheria and tetanus toxoid with pertussis vaccine **HepB3:** third dose of hepatitis B vaccine **MCV:** measles-containing vaccine **Pol3:** third dose of polio vaccine **Hib3:** third dose of *Haemophilus influenzae* type B vaccine **TT2+:** second and subsequent doses of tetanus toxoid.

Note: This is the first year that DTP1 and Hib3 coverage were estimated. Coverage for DTP1 should be at least as high as DTP3. Discrepancies where DTP1 coverage is less than DTP3 reflect deficiencies in the data collection and reporting process. UNICEF and WHO are working with national systems to eliminate these discrepancies. Hib3 coverage should be at a similar level to DTP3 when the former is available because they are dispensed on the same schedule.

Further information on the estimation method used can be found on the following websites:

UNICEF

<http://www.childinfo.org/eddb/immuni/database.htm>

WHO

http://www.who.int/immunization_monitoring/routine/immunization_coverage/en/index4.html

District coverage (as reported)

The disaggregation of national and territorial immunization statistics to the district level assists efforts to ensure an equitable distribution of immunization for all children. The data shown in this section of the tables reflect reported (administrative) coverage rates and give an indication of district-level performance. The data are reported through the annual WHO/UNICEF Joint Reporting Form on vaccine-preventable diseases.

Number of districts: The total number of districts in a given country or territory (this number may vary from year to year).

Percentage of districts reporting: The proportion of districts in a given country or territory that report data through the annual WHO/UNICEF Joint Reporting Form on vaccine-preventable diseases.

DTP3: The proportion of districts achieving each of three coverage ranges for DTP3.

Note: In some cases, not all districts are able to report coverage levels; consequently, **the sum of the three categories may not add up to 100 per cent.**

MCV: The proportion of districts achieving coverage rates of 90 per cent or higher for measles-containing vaccine.

DTP1-DTP3 drop-out rate: The percentage of children who do not receive all three doses of DTP3 after receiving an initial dose, compared with all children who receive the initial DTP dose. When a given district's drop-out rate is less than 10 per cent, children who receive an initial DTP dose are highly likely to receive all three required doses, indicating a high level of health-care assistance and performance. The key indicator given in this reference is the proportion of districts categorized as high-performing, i.e., those with drop-out rates of less than 10 per cent.

Supply: This parameter indicates whether there has been any supply interruption in a given year. Responses are either 'Yes', indicating that there has been some interruption, or 'No', confirming adequate supply provision. This is an important indicator of the potential capacity for the immunization system.

Safety: The proportion of districts supplied with a sufficient number of autodisable syringes for all routine immunizations. This is an indicator of safe injection practices.

Immunization schedule

Updated immunization schedules are submitted through the annual WHO/UNICEF Joint Reporting Form on vaccine-preventable diseases. Since no standard format for reporting immunization schedules exists, the use of notations may vary from table to table.

DATA SOURCES

- **Births, surviving infants and total population:** United Nations Population Division.
- **Infant mortality rate, under-five mortality rate, gross national income per capita (US\$) and percentage of routine EPI vaccines financed by government:** UNICEF, *The State of the World's Children 2006*.
- **National coverage rates:** WHO/UNICEF, Review of National Immunization Coverage 1980–2004, September 2005.
- **District coverage and immunization schedule:** WHO/UNICEF Joint Reporting Form on vaccine-preventable diseases, data collected in 2004 and 2005.
- **Proportion of routine expanded Programme on Immunization (EPI) vaccines funded by government:** WHO/UNICEF Joint Reporting Form on vaccine-preventable diseases, 2004.

COUNTRIES AND TERRITORIES

2004

Births.....	1,395,000
Surviving infants	1,189,000
Total population.....	28,574,000
Infant mortality rate (per 1,000 live births)	165
Under-five mortality rate (per 1,000 live births)	257
Gross national income per capita (US\$).....	250
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	78%	56%	49%	44%	38%	30%	...
DTP1	80%	65%	58%	56%	41%	50%	22%
DTP3	66%	54%	48%	44%	31%	25%	4%
HepB3	...	...	...	...	...	...	...
MCV	61%	50%	44%	46%	35%	20%	11%
Pol3	66%	54%	48%	45%	32%	25%	3%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	35%	40%	34%	35%	35%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	341	332	
Percentage of districts reporting	...	100%	
DTP3: proportion of districts with coverage	below 50%	40%	54%
	between 50-79%	30%	27%
	at 80% or above	30%	19%
MCV: proportion of districts with coverage at 90% or above	15%	12%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	36%	29%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9, 18 months	OPV	birth; 6, 10, 14 weeks; 9 months
TT	CBAW (15-45 years) and 1st contact pregnancy; +1, +6 months; +1, +1 year		

2004

Births.....	53,000
Surviving infants	52,000
Total population.....	3,112,000
Infant mortality rate (per 1,000 live births)	17
Under-five mortality rate (per 1,000 live births)	19
Gross national income per capita (US\$)	2,080
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	60

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	97%	95%	94%	93%	93%	94%	93%
DTP1	98%	97%	98%	97%	98%	97%	97%
DTP3	97%	97%	98%	97%	97%	94%	94%
HepB3	99%	97%	96%	96%	96%	...	...
MCV	96%	93%	96%	95%	95%	88%	90%
PoI3	98%	97%	98%	97%	97%	89%	92%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	36	36
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	92%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DT	5 years
DTwP	2, 4, 6 months 2 years	HepB	birth; 2, 6 months
MR	1, 5 years	OPV	2, 4, 6 months; 2, 5 years
Td	14 years	TT	CBAW (15-45 years) and 1st contact pregnancy; +1 month

2004

Births.....	671,000
Surviving infants	648,000
Total population.....	32,358,000
Infant mortality rate (per 1,000 live births)	35
Under-five mortality rate (per 1,000 live births)	40
Gross national income per capita (US\$).....	2,280
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	97%	97%	99%	...
DTP1	93%	93%	93%	92%	97%	96%	...
DTP3	86%	87%	86%	89%	92%	89%	...
HepB3	81%	...	...	...	...	...	...
MCV	81%	84%	81%	83%	80%	83%	...
Pol3	86%	87%	86%	89%	90%	89%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	185	185
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

BCG	birth	DT	6 years
DTwP	3, 4, 5, 18 months	HepB	birth; 1, 5 months
Measles	9 months; 6 years	OPV	birth; 3, 4, 5, 18 months; 6 years
Td	11-13, 16-18 years		

2004

Births.....	1,000
Surviving infants .....	...
Total population.....	67,000
Infant mortality rate (per 1,000 live births)	6
Under-five mortality rate (per 1,000 live births)	7
Gross national income per capita (US\$) .....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	99%	99%	98%	98%	98%	...	...
DTP3	99%	99%	96%	96%	98%	...	...
HepB3	54%	69%	84%	84%	84%	...	...
MCV	98%	96%	97%	97%	98%	...	...
PoI3	99%	99%	95%	95%	95%	...	...
Hib3	95%	91%	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaPHib	2, 6 months	DTaPHibIPV	4, 15 months
DTaPIPV	5 years	HepB	birth; 2, 6 months
MenC_conj	2, 4, 6 months	MMR	15 months; 5 years
DTaPHibHepIPV	2, 6 months		

2004

Births.....	749,000
Surviving infants	647,000
Total population.....	15,490,000
Infant mortality rate (per 1,000 live births)	154
Under-five mortality rate (per 1,000 live births)	260
Gross national income per capita (US\$).....	1,030
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	43

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	72%	62%	82%	75%	56%	48%	...
DTP1	75%	68%	65%	57%	44%	48%	...
DTP3	59%	46%	47%	42%	31%	24%	...
HepB3	...	...	...	...	...	...	...
MCV	64%	62%	74%	72%	41%	38%	...
Pol3	57%	45%	42%	44%	33%	23%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	75%	72%	68%	65%	62%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	164	164	
Percentage of districts reporting	...	100%	
DTP3: proportion of districts with coverage	below 50%	61%	79%
	between 50-79%	17%	14%
	at 80% or above	22%	7%
MCV: proportion of districts with coverage at 90% or above	21%	13%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	27%	73%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	2, 4, 6 months
Measles	9 months	OPV	birth; 2, 4, 6 months
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, 9 months
Yellow Fever	9 months		

Antigua and Barbuda

2004

Births.....	2,000
Surviving infants .....	...
Total population.....	81,000
Infant mortality rate (per 1,000 live births)	11
Under-five mortality rate (per 1,000 live births)	12
Gross national income per capita (US\$)	10,000
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	91%	95%	98%	89%	99%	99%	77%
DTP3	97%	99%	98%	97%	95%	99%	54%
HepB3	97%	99%	99%	96%	...	...	...
MCV	97%	99%	99%	97%	95%	89%	...
PoI3	97%	99%	93%	99%	96%	99%	36%
Hib3	97%	99%	82%	97%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	26	...
Percentage of districts reporting	0%	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DT	5 years	DTwPHibHep	2, 4, 6 months
MMR	1, 4-5 years	OPV	2, 4, 6 months; 5 years

2004

Births.....	685,000
Surviving infants	675,000
Total population.....	38,372,000
Infant mortality rate (per 1,000 live births)	16
Under-five mortality rate (per 1,000 live births)	18
Gross national income per capita (US\$).....	3,720
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	62%
DTP1	95%	96%	96%	92%	88%	95%	66%
DTP3	90%	89%	88%	82%	66%	86%	41%
HepB3	88%	...	...	...	...	...	...
MCV	95%	96%	97%	94%	56%	93%	58%
Pol3	95%	93%	91%	88%	85%	90%	91%
Hib3	90%	99%	93%	84%	66%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	522	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	2%
	between 50-79%	11%
	at 80% or above	86%
MCV: proportion of districts with coverage at 90% or above	60%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	21%	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 6 years	DTP	6 years
DTPHib	2, 4, 6, 18 months	HepB	birth; 2, 6 months; 11 years
Influenza	>65 years	MMR	1, 6, 11 years
MR	post-partum	OPV	2, 4, 6, 18 months; 6 years
Td	16 years; and every 10 years		

2004

Births.....	34,000
Surviving infants	33,000
Total population.....	3,026,000
Infant mortality rate (per 1,000 live births)	29
Under-five mortality rate (per 1,000 live births)	32
Gross national income per capita (US\$)	1,120
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	6

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	96%	92%	97%	97%	97%	...	...
DTP1	97%	97%	97%	97%	97%	...	...
DTP3	91%	94%	94%	94%	93%	...	...
HepB3	91%	93%	91%	69%	55%	...	...
MCV	92%	94%	91%	93%	92%	...	...
PoI3	93%	96%	96%	97%	96%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	11	52
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	64%	94%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth; 7 years	DTwP	3, 4.5, 6, 18 months
HepB	birth; 1.5-3 months	MMR	1, 6 years
OPV	3, 4.5, 6, 18, 20 months	Td	6, 16, 26, 36 years

2004

Births.....	249,000
Surviving infants	248,000
Total population.....	19,942,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$).....	26,900
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	97%	97%	97%	97%	96%	98%	58%
DTP3	92%	93%	92%	92%	90%	95%	33%
HepB3	95%	95%	94%	94%	...	...	...
MCV	93%	94%	93%	92%	91%	86%	...
Pol3	92%	93%	92%	91%	90%	72%	17%
Hib3	95%	95%	95%	95%	90%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	8	8	
Percentage of districts reporting	...	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	...	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	0%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaP	2, 4, 6 months; 4, 15-17 years	HepB	birth; 2, 4, 6, 12 months; dose at 6 months or 12 months but not both. Also catch-up at 10-13 years
Hib	2, 4, 12 months	MMR	12 months; 4 years
MenC_conj	12 months	Pneumo_conj	2, 4, 6, 12 months; eligible children only
OPV	2, 4, 6 months; 4 years	Pneumo_ps	18-24 months; 4 years; eligible children only
Influenza	65 years		

2004

Births.....	75,000
Surviving infants	75,000
Total population.....	8,171,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$)	32,300
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	97%	90%
DTP1	97%	94%	94%	94%	93%	96%	96%
DTP3	83%	84%	83%	84%	81%	90%	90%
HepB3	83%	83%	82%	44%	...	...	...
MCV	74%	79%	78%	79%	75%	60%	...
Pol3	83%	84%	82%	83%	71%	90%	90%
Hib3	83%	84%	82%	74%	72%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	121	121
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

DTaPHib	0-1 year (3 doses), 1-2 years	HepB	12-13 years; school: booster or catch-up
IPV	0-1 year (3 doses), 1-2 years	MMR	1-2 years (2 doses); second dose earliest 28 days after 1st dose
Pneumo_conj	0-1 year (3 doses), 1-2 years; children belonging to defined high-risk groups	DTaPHibHepIPV	0-1 year (3 doses), 1-2 years

2004

Births.....	132,000
Surviving infants	122,000
Total population.....	8,355,000
Infant mortality rate (per 1,000 live births)	75
Under-five mortality rate (per 1,000 live births)	90
Gross national income per capita (US\$).....	950
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	98%	99%	...	...
DTP1	98%	98%	97%	98%	99%	...	...
DTP3	96%	97%	97%	98%	99%	...	...
HepB3	97%	98%	97%	...	...	...	...
MCV	98%	98%	97%	99%	99%	...	...
Pol3	97%	98%	99%	99%	99%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	64	82	
Percentage of districts reporting	97%	91%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	97%	91%
MCV: proportion of districts with coverage at 90% or above	86%	91%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	98%	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	91%	

Immunization schedule

BCG	4-7 days	DT	6 years
DTwP	2, 3, 4, 18 months	HepB	birth; 2, 4 months
MMR	12 months; 6 years	OPV	4-7 days; 2, 3, 4 months
Vitamin A	12, 18 months; 6 years		

2004

Births.....	6,000
Surviving infants	6,000
Total population.....	319,000
Infant mortality rate (per 1,000 live births)	10
Under-five mortality rate (per 1,000 live births)	13
Gross national income per capita (US\$)	14,920
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	99%	97%	98%	99%	99%	95%	61%
DTP3	93%	92%	98%	99%	99%	86%	36%
HepB3	93%	88%	89%	21%	...	...	...
MCV	89%	90%	94%	92%	93%	86%	...
PoI3	92%	93%	93%	98%	91%	82%	35%
Hib3	93%	93%	94%	99%	90%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	62	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	100%	...
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	98%	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

DT	4-5, 10-12 years; school age	DTwPHib	15 months
DTwPHibHep	2, 4, 6 months	HepB	2, 4, 6 months
MMR	1, 4-5 years	OPV	2, 4, 6 months; 4-5 years
Td	20-22, 30-32, 40-42, 50-52 years	Yellow Fever	9 months; 10, 20, 30, 40, 60 years
IPV	2, 4, 6 months; 4, 5 years (subnational)	Influenza	> 6 months (subnational)

2004

Births.....	13,000
Surviving infants	13,000
Total population.....	716,000
Infant mortality rate (per 1,000 live births)	9
Under-five mortality rate (per 1,000 live births)	11
Gross national income per capita (US\$).....	10,840
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	70%	...	...	...	...	...	...
DTP1	97%	99%	99%	99%	98%	97%	89%
DTP3	98%	97%	98%	99%	97%	94%	72%
HepB3	98%	98%	98%	97%	97%	...	...
MCV	99%	99%	99%	98%	98%	87%	45%
Pol3	98%	97%	98%	97%	97%	94%	72%
Hib3	98%	97%	98%	99%	96%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	71	18
Percentage of districts reporting	6%	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	6%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaP	5 years	DTwPHibHep	2, 4, 6, 18 months
HepA	1, 2 years	HepB	13 years; contact staff, school and college students
MMR	1, 5, 11 years	OPV	2, 4, 6, 18 months; 5 years
Td	12 years; post-Hajj trauma	TT	1st visit; +6 weeks; +6 months; +1, +1 year; pregnant women
Hib	2, 4, 6, 18 months (subnational)		

2004

Births.....	3,738,000
Surviving infants	3,530,000
Total population.....	139,215,000
Infant mortality rate (per 1,000 live births)	56
Under-five mortality rate (per 1,000 live births)	77
Gross national income per capita (US\$)	440
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	95%	95%	94%	95%	86%	...
DTP1	95%	95%	95%	94%	93%	86%	...
DTP3	85%	85%	85%	83%	83%	69%	...
HepB3	...	...	...	...	...	...	...
MCV	77%	77%	77%	76%	76%	65%	...
PoI3	85%	85%	85%	83%	83%	69%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	45%	89%	89%	87%	85%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	64	64
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	6% 3%
	at 80% or above	94% 97%
MCV: proportion of districts with coverage at 90% or above	67%	80%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	38 weeks	OPV	6, 10, 14, 38 weeks
TT	CBAW (15-49 years) and 1st contact; +1 +6 months; +1 +1 year	Vitamin A	38 weeks

2004

Births.....	3,000
Surviving infants	3,000
Total population.....	269,000
Infant mortality rate (per 1,000 live births)	10
Under-five mortality rate (per 1,000 live births)	12
Gross national income per capita (US\$).....	9,270
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	94

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	97%	91%	91%	92%	93%	97%	82%
DTP3	93%	89%	87%	90%	93%	91%	60%
HepB3	93%	91%	66%	18%	...	...	...
MCV	98%	90%	91%	93%	94%	87%	41%
Pol3	93%	90%	86%	93%	86%	90%	99%
Hib3	93%	88%	66%	18%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	8	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	100%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	5-6 years	DT	4-5 years
DTwP	18 months booster dose	DTwPHibHep	3, 4.5, 6 months
MMR	1, 3-5 years	OPV	3, 4.5, 6, 18 months; 4.5, 10-11 years
Td	10-11 years		

2004

Births.....	91,000
Surviving infants	89,000
Total population.....	9,811,000
Infant mortality rate (per 1,000 live births)	9
Under-five mortality rate (per 1,000 live births)	11
Gross national income per capita (US\$)	2,120
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	...	...
DTP1	99%	74%	99%	99%	99%	...	...
DTP3	99%	50%	99%	99%	99%	...	...
HepB3	99%	56%	99%	93%	70%	...	...
MCV	99%	99%	99%	99%	98%	...	...
PoI3	99%	53%	99%	99%	99%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	140	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	3 weeks; 7 years; at 7 years only if tuberculin test negative	Dip	11 years
DT	6 years	DTwP	3, 4, 5, 18 months
HepB	birth; or 13 years (3 doses) or M1, M6	IPV	3, 4 months
MMR	12 months; 6 years	OPV	4, 5, 18, 24 months; 7 years
		Td	16, 26, 36, 46, 56, 66 years

2004

Births.....	111,000
Surviving infants	111,000
Total population.....	10,400,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$).....	31,030
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	97%	96%	96%	95%	98%	97%	98%
DTP3	95%	93%	91%	90%	95%	93%	95%
HepB3	65%	60%	55%	50%	60%	...	...
MCV	82%	80%	77%	75%	82%	85%	...
Pol3	96%	96%	95%	95%	96%	95%	99%
Hib3	95%	90%	85%	80%	62%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	43	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaPHibHepIPV	2, 3, 4, 15 months	DTaPIPV	5-7 years
HepB	10-13 years; +1, +6 months	Hib	2, 3, 4, 13-18 months
MenC_con	12 months	MMR	12 months; 10-13 years
Td	14-16 years		

2004

Births.....	7,000
Surviving infants	7,000
Total population.....	264,000
Infant mortality rate (per 1,000 live births)	32
Under-five mortality rate (per 1,000 live births)	39
Gross national income per capita (US\$)	3,940
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	97%	98%	95%	93%	65%
DTP1	99%	99%	99%	98%	96%	97%	72%
DTP3	95%	96%	89%	96%	89%	91%	47%
HepB3	96%	96%	97%	76%	75%	...	...
MCV	95%	96%	89%	93%	95%	86%	21%
PoI3	95%	95%	93%	96%	89%	86%	21%
Hib3	96%	96%	89%	96%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	6	6	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	83%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...	

Immunization schedule

BCG	birth	DT	2, 4, 6 months; 4 years
DTwP	2, 4, 6 months; 4 years	DTwPHibHep	2, 4, 6 months
IPV	2, 4, 6 months; 4 years	MMR	1 year
OPV	2, 4, 6 months; 4 years	Td	>7 years; children 7 years and adults

2004

Births.....	341,000
Surviving infants	306,000
Total population.....	8,177,000
Infant mortality rate (per 1,000 live births)	90
Under-five mortality rate (per 1,000 live births)	152
Gross national income per capita (US\$).....	530
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	73

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	94%	94%	94%	92%	...
DTP1	99%	99%	92%	91%	91%	86%	...
DTP3	83%	88%	79%	76%	79%	74%	...
HepB3	89%	81%	15%	...	...	...	...
MCV	85%	83%	78%	65%	68%	79%	...
Pol3	89%	88%	72%	75%	78%	74%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	69%	56%	56%	56%	56%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	77	77	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	1%	0%
	between 50-79%	39%	23%
	at 80% or above	60%	77%
MCV: proportion of districts with coverage at 90% or above	36%	36%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	43%	23%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks	TT	1st contact pregnancy; +1, +6 months; +1, +1 year
Vitamin A	6 months	Yellow Fever	9 months

2004

Births.....	64,000
Surviving infants	60,000
Total population.....	2,116,000
Infant mortality rate (per 1,000 live births)	67
Under-five mortality rate (per 1,000 live births)	80
Gross national income per capita (US\$)	760
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	92%	93%	83%	81%	97%	99%	43%
DTP1	93%	98%	86%	96%	99%	98%	25%
DTP3	89%	95%	86%	88%	92%	96%	6%
HepB3	89%	95%	83%	89%	98%	...	...
MCV	87%	88%	78%	78%	76%	93%	21%
PoI3	90%	96%	89%	88%	98%	96%	4%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	20	20
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 5%
	at 80% or above	100% 95%
MCV: proportion of districts with coverage at 90% or above	45%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	90%
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DT	24 months
DTwPHep	6, 10, 14 weeks	Measles	9 months
OPV	6, 10, 14 weeks; 24 months	TT	1st contact pregnancy; +1; +6 months; +1, +1 year

2004

Births.....	265,000
Surviving infants	251,000
Total population.....	9,009,000
Infant mortality rate (per 1,000 live births)	54
Under-five mortality rate (per 1,000 live births)	69
Gross national income per capita (US\$).....	960
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	34

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	93%	93%	93%	94%	95%	65%	30%
DTP1	94%	94%	94%	93%	93%	66%	32%
DTP3	81%	81%	81%	81%	80%	41%	11%
HepB3	84%	81%	81%	81%	...	...	...
MCV	64%	64%	64%	69%	74%	53%	13%
Pol3	79%	79%	79%	79%	78%	50%	14%
Hib3	81%	81%	81%	81%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	311	314	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	6%	3%
	between 50-79%	32%	16%
	at 80% or above	62%	82%
MCV: proportion of districts with coverage at 90% or above	47%	75%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	87%	74%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	30%	

Immunization schedule

BCG	birth	DTwPHibHep	2, 4, 6 months
HepB	birth; only in sentinel hospitals	MMR	1 year
OPV	2, 4, 6 months	Td	CBAW (15-49 years) and 1st contact pregnancy; +1 +6 months; +1 +1 year
Vitamin A	<5 years and to post-partum	Yellow Fever	1 year

Bosnia and Herzegovina

2004

Births.....	37,000
Surviving infants	36,000
Total population.....	3,909,000
Infant mortality rate (per 1,000 live births)	13
Under-five mortality rate (per 1,000 live births)	15
Gross national income per capita (US\$)	2,040
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	70

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	94%	91%	95%	93%	...	...
DTP1	93%	93%	86%	94%	90%	...	...
DTP3	84%	87%	80%	91%	85%	...	...
HepB3	81%	...	...	...	...	...	...
MCV	88%	84%	89%	92%	80%	...	...
PoI3	87%	86%	86%	92%	87%	...	...
Hib3	79%	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	18	17	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	22%	18%
	at 80% or above	78%	82%
MCV: proportion of districts with coverage at 90% or above	78%	76%	
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	78%	82%	
Supply: any vaccine supply interruption?	...	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	39%	

Immunization schedule

BCG	birth; in RS 7 years	HepB	birth; 2, 6 months; a dose is also given at 7 years in part of the country
MMR	2 years; 7 years in part of the country	OPV	3, 4, 6, 18 months; 5, 14 years
Rubella	14 years; girls	Td	14 years
TT	18 years		
Hib	2, 4 months; 2 years (subnational)		

2004

Births.....	46,000
Surviving infants	44,000
Total population.....	1,769,000
Infant mortality rate (per 1,000 live births)	84
Under-five mortality rate (per 1,000 live births)	116
Gross national income per capita (US\$).....	4,340
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	93%	92%
DTP1	98%	98%	98%	98%	98%	99%	89%
DTP3	97%	97%	97%	97%	97%	92%	71%
HepB3	79%	78%	46%	64%	73%	...	...
MCV	90%	90%	90%	90%	90%	87%	63%
Pol3	97%	97%	97%	97%	97%	90%	46%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	24	24	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	38%	58%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	63%	67%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DT	7 years
HepB	birth; 2, 9 months	Measles	9 months
OPV	2, 3, 4, 18 months; 7 years	TT	CBAW and grade 7 pupils

2004

Births.....	3,728,000
Surviving infants	3,631,000
Total population.....	183,913,000
Infant mortality rate (per 1,000 live births)	32
Under-five mortality rate (per 1,000 live births)	34
Gross national income per capita (US\$)	3,090
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	79%	56%
DTP1	96%	99%	99%	99%	99%	86%	62%
DTP3	96%	96%	99%	98%	99%	66%	37%
HepB3	90%	91%	92%	92%	99%	...	...
MCV	99%	99%	97%	99%	99%	78%	56%
PoI3	98%	99%	99%	99%	99%	58%	69%
Hib3	96%	96%	93%	93%	97%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	5,560	5,560
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	1% 2%
	between 50-79%	15% 15%
	at 80% or above	84% 84%
MCV: proportion of districts with coverage at 90% or above	67%	79%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	81%	78%
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

BCG	birth; 6-10 years; (subnational)	DTwP	15 months; 4-6 years
HepB	birth; 1, 6 months	Hib	>12 months; CRIE indications
MMR	1, 4-6 years	OPV	2, 4, 6, 15 months
Td	11 years; 4 doses to CBAW	Yellow Fever	≥9 months; 10 years
DTwPHib	2, 4, 6 months	DTwPHibHep	2, 4, 6 months

2004

Births.....	8,000
Surviving infants	8,000
Total population.....	366,000
Infant mortality rate (per 1,000 live births)	8
Under-five mortality rate (per 1,000 live births)	9
Gross national income per capita (US\$).....	24,100
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	91%	99%
DTP1	99%	99%	99%	99%	99%	97%	96%
DTP3	92%	95%	97%	99%	99%	93%	89%
HepB3	99%	99%	99%	99%	99%	96%	...
MCV	99%	99%	99%	99%	99%	99%	73%
Pol3	92%	95%	97%	99%	99%	92%	89%
Hib3	92%	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	4	4
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	0%

Immunization schedule

BCG	birth	DT	5 years
DTwP	2, 3, 4 months	DTwPHib	2, 3, 4 months
HepB	birth; 1, 6 months	MMR	12 months; 10-13 years
OPV	2, 3, 4 months; 5 years	TT	28-40 (1st dose), 32-40 years (2nd dose)

2004

Births.....	67,000
Surviving infants	66,000
Total population.....	7,780,000
Infant mortality rate (per 1,000 live births)	12
Under-five mortality rate (per 1,000 live births)	15
Gross national income per capita (US\$)	2,740
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	98%	98%	99%	99%
DTP1	95%	96%	97%	95%	95%	99%	98%
DTP3	95%	96%	93%	94%	93%	99%	98%
HepB3	94%	96%	88%	93%	94%	...	...
MCV	95%	96%	92%	90%	89%	99%	98%
PoI3	94%	96%	94%	94%	94%	99%	99%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	28	28
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	93%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth; 7 months; 7, 11, 17 years; other than birth only to Mantoux	DT	7 years
DTwP	2, 3, 4 months; 2 years	HepB	birth; 1, 6 months
MMR	13 months; 12 years	OPV	2, 3, 4, 14, 22 months; 7 years; "0" dose for high-risk groups at birth
Td	12, 17, 25, 35 years	TT	45, 55, 65, 75, 85 years

2004

Births.....	601,000
Surviving infants	529,000
Total population.....	12,822,000
Infant mortality rate (per 1,000 live births)	97
Under-five mortality rate (per 1,000 live births)	192
Gross national income per capita (US\$).....	360
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	83%	90%	80%	80%	95%	...
DTP1	99%	99%	89%	86%	84%	92%	...
DTP3	88%	84%	69%	68%	57%	66%	...
HepB3	...	...	...	...	...	...	...
MCV	78%	76%	64%	69%	59%	79%	...
Pol3	83%	83%	69%	68%	57%	66%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	65%	50%	50%	45%	45%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	55	53	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	24%	57%
	at 80% or above	76%	43%
MCV: proportion of districts with coverage at 90% or above	11%	8%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	35%	11%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 12, 16 weeks
Measles	9 months	OPV	birth; 8, 12, 16 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Yellow Fever	9 months

2004

Births.....	330,000
Surviving infants	296,000
Total population.....	7,282,000
Infant mortality rate (per 1,000 live births)	114
Under-five mortality rate (per 1,000 live births)	190
Gross national income per capita (US\$)	90
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	6

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	84%	84%	84%	84%	84%	97%	...
DTP1	86%	86%	86%	86%	86%	95%	...
DTP3	74%	74%	74%	74%	74%	86%	...
HepB3	83%	...	...	...	...	...	...
MCV	75%	75%	75%	75%	75%	74%	...
PoI3	69%	69%	69%	69%	69%	97%	...
Hib3	83%	...	...	...	...	...	...
TT2+ (protected at birth)	45%	49%	53%	56%	60%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	17	17	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	29%	12%
	at 80% or above	71%	88%
MCV: proportion of districts with coverage at 90% or above	24%	29%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	47%	82%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
DTwPHib	6, 10, 14 weeks	HepB	6, 10, 14 weeks
Measles	9 months	MenAC	>2 years if outbreak
OPV	birth; 6, 10, 14 weeks	TT	1st contact pregnancy; +1, +6 months; +1, +1 year
Vitamin A	9 months; every 6 months until 5 years		

2004

Births.....	422,000
Surviving infants	383,000
Total population.....	13,798,000
Infant mortality rate (per 1,000 live births)	97
Under-five mortality rate (per 1,000 live births)	141
Gross national income per capita (US\$).....	320
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	12

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	76%	63%	64%	81%	52%	...
DTP1	92%	74%	60%	65%	78%	63%	...
DTP3	85%	69%	54%	60%	50%	38%	...
HepB3	...	...	...	...	...	...	...
MCV	80%	65%	52%	59%	65%	34%	...
Pol3	86%	69%	54%	59%	62%	38%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	51%	43%	40%	40%	40%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	75	74
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	1% 8%
	between 50-79%	29% 76%
	at 80% or above	69% 16%
MCV: proportion of districts with coverage at 90% or above	13%	4%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	76%	69%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	OPV	6, 10, 14 weeks
Measles	9 months	Vitamin A	6-59 months children and post-partum women (within 8 weeks of delivery)
TT	CBAW and pregnant women and 1st contact; +1, +1 month; +1, +1 year	DTwP/Hep	6, 10, 14 weeks (subnational)
DTwP	6, 10, 14 weeks		

2004

Births.....	562,000
Surviving infants	509,000
Total population.....	16,038,000
Infant mortality rate (per 1,000 live births)	87
Under-five mortality rate (per 1,000 live births)	149
Gross national income per capita (US\$)	800
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	65

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	83%	82%	77%	77%	77%	76%	...
DTP1	80%	79%	71%	66%	62%	70%	...
DTP3	73%	73%	63%	58%	53%	48%	...
HepB3	...	...	...	...	...	...	...
MCV	64%	61%	53%	47%	49%	56%	...
PoI3	72%	72%	63%	56%	49%	54%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	60%	62%	63%	64%	65%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	159	144	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	6%	7%
	between 50-79%	68%	63%
	at 80% or above	26%	31%
MCV: proportion of districts with coverage at 90% or above	6%	4%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	64%	65%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW and pregnant women; +1; +6 months; +1, +2 years	Vitamin A	6, 12 months; post-partum
Yellow Fever	9 months		

2004

Births.....	328,000
Surviving infants	327,000
Total population.....	31,958,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$).....	28,390
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	97%	97%	97%	97%	97%	96%	...
DTP3	91%	91%	91%	91%	91%	88%	...
HepB3	...	...	...	...	...	...	...
MCV	95%	95%	95%	95%	95%	89%	...
Pol3	88%	88%	88%	88%	88%	88%	...
Hib3	83%	83%	84%	85%	86%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaP	2, 4, 6 months; 4-6 years	HepB	9-13 years; in addition in some provinces 3 doses in infancy, birth-15 months
Hib	2, 4, 6, 18 months	IPV	2, 4, 6 months; 4-6 years
MenC_conj	2, 4, 6 months; or 14-16 years	MMR	12, 18 months; or 4-6 years
Pneumo_conj	2, 4, 6, 12-15 months	Td	14-16 years; or TdaP
Varicella	12 months-12 years		

2004

Births.....	15,000
Surviving infants	15,000
Total population.....	495,000
Infant mortality rate (per 1,000 live births)	27
Under-five mortality rate (per 1,000 live births)	36
Gross national income per capita (US\$)	1,770
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	80

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	79%	78%	92%	84%	92%	97%	...
DTP1	78%	89%	96%	79%	93%	96%	...
DTP3	75%	78%	94%	78%	86%	88%	...
HepB3	68%	54%	40%	...	...	...	...
MCV	69%	68%	85%	72%	80%	79%	...
Pol3	76%	79%	94%	77%	86%	87%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	17	17	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	12%	6%
	between 50-79%	53%	41%
	at 80% or above	35%	53%
MCV: proportion of districts with coverage at 90% or above	12%	18%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	88%	88%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks; 15.5 months
HepB	birth; 6, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks; 15.5 months	TT	1st contact pregnancy; +1, +6 months; +1, +1 year

2004

Births.....	149,000
Surviving infants	134,000
Total population.....	3,986,000
Infant mortality rate (per 1,000 live births)	115
Under-five mortality rate (per 1,000 live births)	193
Gross national income per capita (US\$).....	310
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	70%	70%	70%	70%	64%	93%	17%
DTP1	65%	65%	65%	65%	62%	95%	35%
DTP3	40%	40%	40%	40%	37%	82%	13%
HepB3	...	...	...	...	...	...	...
MCV	35%	35%	35%	35%	36%	83%	12%
Pol3	40%	40%	40%	40%	38%	82%	13%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	42%	47%	52%	56%	61%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	24	24
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	50%
	between 50-79%	33%
	at 80% or above	17%
MCV: proportion of districts with coverage at 90% or above	25%	8%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	0%	4%
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14, 18 weeks
TT	pregnant women; +1; +6 months; +1, +1 year	Yellow Fever	9 months

2004

Births.....	456,000
Surviving infants	403,000
Total population.....	9,448,000
Infant mortality rate (per 1,000 live births)	117
Under-five mortality rate (per 1,000 live births)	200
Gross national income per capita (US\$)	260
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	42

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	38%	72%	67%	44%	50%	59%	...
DTP1	68%	74%	68%	44%	45%	44%	...
DTP3	50%	47%	40%	27%	28%	20%	...
HepB3	...	...	...	...	...	...	...
MCV	56%	61%	55%	36%	42%	32%	...
PoI3	47%	48%	40%	24%	29%	20%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	40%	43%	41%	40%	39%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	55	55	
Percentage of districts reporting	96%	95%	
DTP3: proportion of districts with coverage	below 50%	55%	56%
	between 50-79%	31%	29%
	at 80% or above	11%	9%
MCV: proportion of districts with coverage at 90% or above	4%	11%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	9%	0%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Yellow Fever	9 months

2004

Births.....	249,000
Surviving infants	247,000
Total population.....	16,124,000
Infant mortality rate (per 1,000 live births)	8
Under-five mortality rate (per 1,000 live births)	8
Gross national income per capita (US\$).....	4,910
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	96%	95%	94%	99%	97%	94%	88%
DTP1	94%	99%	99%	99%	98%	99%	95%
DTP3	94%	96%	99%	99%	97%	99%	85%
HepB3	...	...	...	...	...	...	...
MCV	95%	99%	99%	99%	97%	82%	99%
Pol3	94%	96%	99%	99%	98%	97%	77%
Hib3	94%	94%	94%	99%	97%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	341	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	1% 1%
	between 50-79%	9% 6%
	at 80% or above	89% 92%
MCV: proportion of districts with coverage at 90% or above	70%	50%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

BCG	birth	DT	7 years
DTP	18 months; 4 years	DTwPHib	2, 4, 6 months
Influenza	>65 years; and risk groups, pregnant women and health workers	MMR	1, 6 years
OPV	2, 4, 6, 18 months; 4 years		

2004

Births.....	17,372,000
Surviving infants	16,793,000
Total population.....	1,307,989,000
Infant mortality rate (per 1,000 live births)	26
Under-five mortality rate (per 1,000 live births)	31
Gross national income per capita (US\$)	1,290
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	94%	93%	92%	93%	93%	99%	...
DTP1	97%	96%	96%	96%	96%	98%	...
DTP3	91%	90%	90%	90%	89%	97%	...
HepB3	72%	70%	69%	65%	60%	...	...
MCV	84%	84%	84%	84%	84%	98%	...
PoI3	92%	91%	91%	91%	91%	98%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	2,863
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	98%
MCV: proportion of districts with coverage at 90% or above	...	95%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	82%	92%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	3, 4, 5, 18-24 months
HepB	birth; 1, 6 months	Measles	8 months; 7 years
MenAC	>2 years	OPV	2, 3, 4 months; 4 years
		JE	8, 18-24 months; 6 years (subnational)

2004

Births.....	970,000
Surviving infants	947,000
Total population.....	44,915,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	21
Gross national income per capita (US\$).....	2,000
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	92%	96%	85%	87%	86%	95%	45%
DTP1	95%	95%	95%	93%	92%	96%	39%
DTP3	89%	91%	85%	80%	74%	88%	16%
HepB3	89%	93%	76%	80%	74%	...	...
MCV	92%	92%	89%	90%	75%	82%	13%
Pol3	89%	91%	81%	83%	78%	93%	16%
Hib3	89%	93%	65%	55%	61%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	1,119	1,115	
Percentage of districts reporting	99%	100%	
DTP3: proportion of districts with coverage	below 50%	10%	12%
	between 50-79%	33%	31%
	at 80% or above	57%	58%
MCV: proportion of districts with coverage at 90% or above	43%	37%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	78%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	18 months; 5 years
DTwPHibHep	2, 4, 6 months	HepB	birth
MMR	1, 5 years	OPV	birth; 2, 4, 6, 18 months; 5 years
Td	1st contact pregnancy; +1, +6 months; +1, +1 year	Yellow Fever	1, 10 years

2004

Births.....	28,000
Surviving infants	26,000
Total population.....	777,000
Infant mortality rate (per 1,000 live births)	52
Under-five mortality rate (per 1,000 live births)	70
Gross national income per capita (US\$)	530
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	79%	75%	90%	90%	90%	99%	...
DTP1	85%	77%	98%	85%	85%	97%	...
DTP3	76%	75%	89%	70%	70%	94%	...
HepB3	77%	27%	...	...	...	...	...
MCV	73%	63%	71%	70%	70%	87%	...
PoI3	73%	75%	98%	70%	70%	94%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	46%	46%	46%	46%	46%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	17	17	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	12%	24%
	between 50-79%	35%	53%
	at 80% or above	53%	24%
MCV: proportion of districts with coverage at 90% or above	35%	12%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	65%	59%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks	TT	1st contact pregnancy; +1, +6 months; +1, +1 year
Vitamin A	6, 12, 18, 24, 30, 36 months		

2004

Births.....	172,000
Surviving infants	159,000
Total population.....	3,883,000
Infant mortality rate (per 1,000 live births)	81
Under-five mortality rate (per 1,000 live births)	108
Gross national income per capita (US\$).....	770
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	73

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	85%	60%	51%	53%	50%	90%	92%
DTP1	67%	61%	49%	42%	58%	92%	67%
DTP3	67%	50%	41%	31%	33%	79%	42%
HepB3	...	...	...	...	...	...	...
MCV	65%	50%	37%	35%	34%	75%	49%
Pol3	67%	50%	41%	32%	33%	80%	42%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	65%	63%	55%	47%	39%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	27	62	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	33%	64%
	between 50-79%	44%	22%
	at 80% or above	22%	15%
MCV: proportion of districts with coverage at 90% or above	0%	15%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	33%	...	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	2, 3, 4, 16 months
Measles	9 months	OPV	birth; 2, 3, 4, 16 months
TT	1st contact pregnancy; +1, +6 months; +1, +2 years	Vitamin A	9 months
Yellow Fever	9 month		

2004

Births.....	2,788,000
Surviving infants	2,462,000
Total population.....	55,853,000
Infant mortality rate (per 1,000 live births)	129
Under-five mortality rate (per 1,000 live births)	205
Gross national income per capita (US\$)	120
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	17

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	78%	68%	55%	45%	57%	65%	57%
DTP1	76%	61%	53%	32%	49%	60%	...
DTP3	64%	49%	43%	32%	40%	35%	...
HepB3	...	...	...	...	...	...	...
MCV	64%	54%	45%	37%	46%	38%	18%
Pol3	63%	55%	45%	33%	42%	34%	15%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	58%	48%	44%	50%	50%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	437	360	
Percentage of districts reporting	...	100%	
DTP3: proportion of districts with coverage	below 50%	26%	47%
	between 50-79%	27%	39%
	at 80% or above	31%	15%
MCV: proportion of districts with coverage at 90% or above	13%	7%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	45%	25%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, 18, 24, 30, 36, 42 months
Yellow Fever	9 months		

2004

Births.....	...
Surviving infants .....	...
Total population.....	18,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	21
Gross national income per capita (US\$).....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	11

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	95%	99%	99%	99%	29%
DTP1	99%	96%	99%	97%	98%	97%	65%
DTP3	99%	96%	99%	92%	97%	93%	40%
HepB3	99%	93%	99%	92%	97%	71%	...
MCV	99%	99%	98%	84%	76%	67%	...
Pol3	99%	95%	99%	92%	94%	83%	39%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	41	41	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DT	5 years
DTwP	3, 6, 9 months	HepB	birth; 1, 6 months
Measles	9, 12 months	OPV	3, 6, 9 months
TT	10, 15 years		

2004

Births.....	79,000
Surviving infants	78,000
Total population.....	4,253,000
Infant mortality rate (per 1,000 live births)	11
Under-five mortality rate (per 1,000 live births)	13
Gross national income per capita (US\$)	4,670
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	90%	87%	91%	87%	92%	92%	80%
DTP1	89%	89%	97%	91%	90%	98%	95%
DTP3	90%	88%	94%	91%	88%	95%	86%
HepB3	89%	86%	94%	80%	89%	...	...
MCV	88%	89%	94%	82%	82%	90%	60%
PoI3	90%	88%	94%	92%	80%	95%	86%
Hib3	90%	87%	93%	89%	92%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	81	81	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	10%	14%
	at 80% or above	90%	86%
MCV: proportion of districts with coverage at 90% or above	63%	69%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	0%	96%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DT	10 years
DTwP	4, 15 months; 4 years	DTwPHibHep	2, 6 months
HepB	birth; 2, 6 months	Hib	4, 15 months
Influenza	4, 65 years and more	MMR	15 months; 7 years
OPV	2, 4, 6 months; 4 years	Td	10 years; every 10 years

2004

Births.....	661,000
Surviving infants	584,000
Total population.....	17,872,000
Infant mortality rate (per 1,000 live births)	117
Under-five mortality rate (per 1,000 live births)	194
Gross national income per capita (US\$).....	770
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	58

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	51%	66%	66%	72%	84%	62%	...
DTP1	63%	72%	72%	80%	87%	77%	...
DTP3	50%	54%	54%	57%	72%	54%	...
HepB3	50%	48%	48%	10%	...	...	...
MCV	49%	56%	56%	61%	73%	56%	...
Pol3	50%	54%	54%	57%	72%	56%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	75%	77%	78%	80%	79%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	66	65	
Percentage of districts reporting	100%	91%	
DTP3: proportion of districts with coverage	below 50%	45%	32%
	between 50-79%	48%	42%
	at 80% or above	6%	17%
MCV: proportion of districts with coverage at 90% or above	0%	2%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	18%	14%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	91%	

Immunization schedule

BCG	birth	DTwPHep	6, 10, 14 weeks
Measles	9 months	OPV	6, 10, 14 weeks
TT	pregnant women and 1st contact pregnancy; +1 month; +1, +1, +1 year	Yellow Fever	9 months

2004

Births.....	41,000
Surviving infants	41,000
Total population.....	4,540,000
Infant mortality rate (per 1,000 live births)	6
Under-five mortality rate (per 1,000 live births)	7
Gross national income per capita (US\$)	6,590
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	99%	97%	99%	...	...
DTP1	96%	97%	99%	94%	97%	...	...
DTP3	96%	94%	95%	94%	93%	...	...
HepB3	...	...	...	...	...	...	...
MCV	96%	95%	95%	94%	93%	...	...
Pol3	98%	95%	95%	94%	94%	...	...
Hib3	93%	95%	77%	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	113	113
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	99%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	0%

Immunization schedule

BCG	5 days	DTaP	12, 18, 24 weeks; 1, 3 years
HepB	12 years (3 doses)	Hib	8, 18, 24 weeks; 1 year
IPV	12 weeks	MMR	1, 6, 10 years
OPV	18, 24 weeks; 1, 6, 13 years	Td	7, 14, 19 years
TT	60 years (3 doses)		

2004

Births.....	136,000
Surviving infants	135,000
Total population.....	11,245,000
Infant mortality rate (per 1,000 live births)	6
Under-five mortality rate (per 1,000 live births)	7
Gross national income per capita (US\$).....	1,170
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	99

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	98%	99%
DTP1	89%	90%	99%	99%	98%	97%	86%
DTP3	88%	71%	99%	99%	95%	92%	67%
HepB3	99%	99%	98%	99%	98%	...	...
MCV	99%	99%	98%	99%	94%	94%	48%
Pol3	98%	98%	98%	99%	99%	94%	99%
Hib3	99%	99%	78%	99%	78%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	169	169	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	3%	17%
	between 50-79%	20%	41%
	at 80% or above	78%	42%
MCV: proportion of districts with coverage at 90% or above	96%	93%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DT	6 years
DTwP	2, 4, 6, 15 months	HepB	birth; 1, 6 months
Hib	2, 4, 6, 15 months	MMR	1, 6 years
OPV	<1, 1, 2, 9 years	TT	15 years
		Typhoid	10, 13, 16 years

2004

Births.....	10,000
Surviving infants	10,000
Total population.....	826,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$)	17,580
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	25

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	99%	99%	99%	99%	98%	97%	59%
DTP3	98%	98%	98%	97%	97%	93%	34%
HepB3	88%	88%	89%	89%	89%	...	...
MCV	86%	86%	86%	86%	86%	77%	29%
PoI3	98%	98%	98%	97%	97%	94%	35%
Hib3	58%	58%	32%	32%	32%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	6	5	
Percentage of districts reporting	83%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	83%	100%
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	given only to children when there is continuous contact with a contagious form of TB	DTwP	2, 4, 6, 15-20 months; 4-6 years
HepB	2, 4, 8-12 months; given also to high-risk groups	Hib	2, 4, 6, 12-18 months
Influenza	≥6 months; given to high-risk groups and adults over 65 years	IPV	2, 4 months; only the first 2 doses
MMR	13 months; 4-6 years	OPV	6, 15-20 months
		Td	7, 14-16, 24-26 years
		Yellow Fever	given only to travellers in high-risk areas

2004

Births.....	91,000
Surviving infants	90,000
Total population.....	10,229,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	4
Gross national income per capita (US\$).....	9,150
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	98%	97%	98%	98%	...	...
DTP1	98%	98%	98%	98%	98%	...	...
DTP3	98%	97%	98%	98%	98%	...	...
HepB3	98%	92%	86%	...	...	...	...
MCV	97%	99%	99%	98%	98%	...	...
Pol3	96%	97%	97%	97%	98%	...	...
Hib3	98%	97%	95%	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	14	14	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	4 days; 11 years	DT	9 weeks; 3, 4, 18 months
DTaP	5 years	DTaPHib	9 weeks; 3, 4, 18 months
HepB	9 weeks; 3, 9 months	MMR	15, 21 months
OPV	1 year (2 doses); 2 years (2 doses); 13 years		

2004

Births.....	63,000
Surviving infants	63,000
Total population.....	5,414,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$)	40,650
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	95%	98%	98%	98%	98%	98%	95%
DTP3	95%	96%	98%	97%	97%	95%	85%
HepB3	...	...	...	...	...	...	...
MCV	96%	96%	99%	94%	99%	84%	...
Pol3	95%	96%	98%	97%	97%	97%	97%
Hib3	95%	96%	86%	95%	94%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	16	16	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	94%	94%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	0%	
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaPHibIPV	3, 5, 12 months	DTaPIPv	5 years
MMR	15 months; 12 years	Rubella	>18 years; non-immune women

2004

Births.....	27,000
Surviving infants	25,000
Total population.....	779,000
Infant mortality rate (per 1,000 live births)	101
Under-five mortality rate (per 1,000 live births)	126
Gross national income per capita (US\$).....	1,030
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	85

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	78%	63%	52%	38%	34%	81%	...
DTP1	81%	76%	72%	65%	66%	95%	...
DTP3	64%	68%	62%	53%	46%	85%	...
HepB3	...	...	...	...	...	...	...
MCV	60%	66%	62%	49%	50%	85%	...
Pol3	64%	68%	62%	49%	46%	85%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	6	5
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	100%
	at 80% or above	0%
MCV: proportion of districts with coverage at 90% or above	0%	0%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	0%	20%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTaP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT		Vitamin A	9, +15, +21 months

2004

Births.....	2,000
Surviving infants .....	...
Total population.....	79,000
Infant mortality rate (per 1,000 live births)	13
Under-five mortality rate (per 1,000 live births)	14
Gross national income per capita (US\$)	3,650
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	70

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	65%
DTP1	99%	98%	99%	99%	98%	97%	84%
DTP3	99%	99%	98%	99%	99%	92%	63%
HepB3	...	...	...	...	...	...	...
MCV	99%	99%	98%	99%	99%	88%	...
PoI3	99%	99%	98%	99%	99%	94%	53%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	7	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	3 months	DT	3 years
DTwP	3, +4 +6 months	IPV	3, 4.5, +6 months; babies who are HIV-positive
MMR	1 year; 18 months	OPV	3, 4.5, +6 months
Td	11 years		

2004

Births.....	211,000
Surviving infants	204,000
Total population.....	8,768,000
Infant mortality rate (per 1,000 live births)	27
Under-five mortality rate (per 1,000 live births)	32
Gross national income per capita (US\$).....	2,080
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	60

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	97%	90%	96%	96%	90%	70%	12%
DTP1	88%	85%	84%	83%	87%	87%	61%
DTP3	71%	65%	63%	62%	68%	69%	36%
HepB3	71%	65%	56%	66%	68%	...	...
MCV	79%	79%	82%	98%	88%	96%	30%
Pol3	57%	60%	63%	74%	54%	90%	46%
Hib3	71%	65%	83%	20%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	158	159	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	25%	23%
	between 50-79%	33%	37%
	at 80% or above	39%	40%
MCV: proportion of districts with coverage at 90% or above	63%	30%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	57%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	18 months; 4 years
DTwPHibHep	2, 4, 6 months	HepB	birth
MMR	12 months	OPV	2, 4, 6, 18 months; 4 years
Td	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, 12, 18, 24, 30, 36 months

2004

Births.....	296,000
Surviving infants	289,000
Total population.....	13,040,000
Infant mortality rate (per 1,000 live births)	23
Under-five mortality rate (per 1,000 live births)	26
Gross national income per capita (US\$)	2,180
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	89%	76%
DTP1	99%	99%	99%	99%	99%	87%	31%
DTP3	90%	89%	89%	90%	89%	68%	10%
HepB3	90%	58%	85%	71%	38%	...	...
MCV	99%	99%	80%	99%	84%	60%	24%
PoI3	93%	99%	90%	92%	81%	67%	19%
Hib3	90%	58%	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	167	167	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	5%	37%
	between 50-79%	37%	50%
	at 80% or above	59%	13%
MCV: proportion of districts with coverage at 90% or above	59%	68%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	0%	34%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	1 year
DTwPHibHep	2, 4, 6 months	MMR	12 months
OPV	2, 4, 6 months; 1 year	Td	1st contact pregnancy; 1, 6 months; 1, 1 year
Yellow Fever	1, 10 years (subnational)		

2004

Births.....	1,890,000
Surviving infants	1,825,000
Total population.....	72,642,000
Infant mortality rate (per 1,000 live births)	26
Under-five mortality rate (per 1,000 live births)	36
Gross national income per capita (US\$).....	1,310
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	98%	98%	89%	50%
DTP1	98%	98%	98%	99%	98%	95%	80%
DTP3	97%	98%	97%	99%	98%	87%	57%
HepB3	97%	98%	97%	99%	93%	...	...
MCV	97%	98%	97%	97%	98%	86%	41%
Pol3	97%	98%	97%	99%	98%	87%	67%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	71%	71%	71%	71%	71%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	251	249	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	1%	0%
	at 80% or above	99%	100%
MCV: proportion of districts with coverage at 90% or above	98%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...	

Immunization schedule

BCG	1-3 months	DTwP	2, 4, 6, 18 months
HepB	2, 4, 6 months	Measles	9 months
MMR	18 months	OPV	birth; 2, 4, 6, 9, 18 months
TT	16, 20 weeks; CBAW	Vitamin A	9, 18 months

2004

Births.....	166,000
Surviving infants	162,000
Total population.....	6,762,000
Infant mortality rate (per 1,000 live births)	24
Under-five mortality rate (per 1,000 live births)	28
Gross national income per capita (US\$)	2,350
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	94%	90%	92%	92%	99%	75%	56%
DTP1	90%	96%	93%	97%	99%	93%	69%
DTP3	90%	88%	81%	92%	99%	80%	44%
HepB3	83%	75%	75%	75%	99%	...	...
MCV	93%	99%	93%	82%	97%	98%	45%
PoI3	90%	87%	81%	94%	98%	80%	42%
Hib3	83%	88%	81%	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	262	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	8% 6%
	between 50-79%	31% 24%
	at 80% or above	61% 71%
MCV: proportion of districts with coverage at 90% or above	43%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	18 months; 4 years
DTwPHibHep	2, 4, 6 months	MMR	1, 4 years
OPV	2, 4, 6, 18 months; 4 years	Td	+1 +6 months; +1 +5 +10 years

2004

Births.....	21,000
Surviving infants	19,000
Total population.....	492,000
Infant mortality rate (per 1,000 live births)	122
Under-five mortality rate (per 1,000 live births)	204
Gross national income per capita (US\$).....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	73%	73%	73%	73%	73%	94%	...
DTP1	65%	65%	65%	65%	65%	96%	...
DTP3	33%	33%	33%	33%	33%	77%	...
HepB3	...	...	...	...	...	...	...
MCV	51%	51%	51%	51%	51%	88%	...
Pol3	39%	39%	39%	39%	39%	75%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	40%	44%	47%	50%	53%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	18	18	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	72%	83%
	between 50-79%	22%	17%
	at 80% or above	6%	0%
MCV: proportion of districts with coverage at 90% or above	0%	6%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	28%	11%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	6%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks; 15 months
Measles	9 months	OPV	birth; 6, 10, 14 weeks; 15 months
TT	CBAW and pregnant women; +1, +6 months; +1, +2 years		

2004

Births.....	166,000
Surviving infants	156,000
Total population.....	4,232,000
Infant mortality rate (per 1,000 live births)	52
Under-five mortality rate (per 1,000 live births)	82
Gross national income per capita (US\$)	180
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	91%	91%	91%	91%	95%	...	...
DTP1	91%	91%	91%	91%	94%	...	...
DTP3	83%	83%	83%	83%	88%	...	...
HepB3	83%	83%	83%	...	...	...	...
MCV	84%	84%	84%	84%	86%	...	...
Pol3	83%	83%	83%	83%	88%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	62%	60%	59%	57%	55%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	6	6	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	33%	33%
	between 50-79%	50%	50%
	at 80% or above	17%	17%
MCV: proportion of districts with coverage at 90% or above	0%	0%	
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	67%	67%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwPHep	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year		

2004

Births.....	13,000
Surviving infants	13,000
Total population.....	1,335,000
Infant mortality rate (per 1,000 live births)	6
Under-five mortality rate (per 1,000 live births)	8
Gross national income per capita (US\$).....	7,010
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	...	...
DTP1	98%	97%	98%	97%	97%	...	...
DTP3	94%	94%	97%	94%	93%	...	...
HepB3	90%	...	...	...	...	...	...
MCV	96%	95%	95%	95%	93%	...	...
Pol3	95%	95%	98%	94%	93%	...	...
Hib3	27%	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	15	15	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	94%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	3-5 days	DTwP	3, 4.5, 6 months; 2 years
HepB	birth; 1, 6 months; and 13 years, +1, +6 months	IPV	3, 4.5, 6 months; 2, 7 years; HIV-positive children
MMR	12 months; 13 years	OPV	3, 4.5, 6 months; 2, 7 years
Rabies	birth; 3, 7, 14, 30, 90 days; after animal bite	Td	7, 12, 17 years; booster adults every 10 years; tetanus prophylaxis in cases of injury
Hib	3, 4.5 months; 1 year; newborns (subnational)		

2004

Births.....	3,064,000
Surviving infants	2,767,000
Total population.....	75,600,000
Infant mortality rate (per 1,000 live births)	110
Under-five mortality rate (per 1,000 live births)	166
Gross national income per capita (US\$)	110
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	18

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	82%	82%	81%	76%	76%	64%	...
DTP1	93%	86%	85%	85%	74%	73%	...
DTP3	80%	66%	65%	65%	56%	49%	...
HepB3	...	...	...	...	...	...	...
MCV	71%	59%	57%	55%	52%	38%	4%
Pol3	80%	67%	66%	65%	57%	49%	3%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	45%	40%	35%	29%	24%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	85	81	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	32%	47%
	between 50-79%	41%	43%
	at 80% or above	27%	10%
MCV: proportion of districts with coverage at 90% or above	5%	0%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	41%	65%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW (15-49 years)	Vitamin A	9 months

2004

Births.....	19,000
Surviving infants	19,000
Total population.....	841,000
Infant mortality rate (per 1,000 live births)	16
Under-five mortality rate (per 1,000 live births)	20
Gross national income per capita (US\$).....	2,690
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	93%	99%	99%	99%	98%	99%	95%
DTP1	75%	97%	96%	99%	96%	98%	87%
DTP3	71%	94%	92%	90%	89%	97%	68%
HepB3	73%	92%	78%	93%	95%	...	...
MCV	62%	91%	88%	90%	85%	84%	32%
Pol3	76%	99%	99%	99%	95%	96%	55%
Hib3	71%	88%	85%	82%	86%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	19	19
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	0%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

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

2004

Births.....	55,000
Surviving infants	55,000
Total population.....	5,235,000
Infant mortality rate (per 1,000 live births)	3
Under-five mortality rate (per 1,000 live births)	4
Gross national income per capita (US\$)	32,790
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	99%	99%	99%	91%	90%
DTP1	98%	98%	99%	99%	99%	96%	97%
DTP3	98%	98%	98%	99%	99%	90%	92%
HepB3	...	...	...	...	...	...	...
MCV	97%	97%	96%	96%	96%	97%	...
Pol3	96%	96%	95%	95%	95%	90%	90%
Hib3	96%	96%	96%	96%	96%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth	DTwP	3, 4, 5, 20-24 months
Hib	4, 6, 14-18 months	Influenza	>65 years; risk groups
IPV	6, 12, 20-24 months; 6-7 years	MMR	14-18 months; 6 years
Td	11-13 years; booster every 10 years		

2004

Births.....	744,000
Surviving infants	741,000
Total population.....	60,257,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$).....	30,090
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	85%	85%	85%	83%	83%	74%	80%
DTP1	98%	98%	98%	98%	98%	97%	92%
DTP3	97%	97%	97%	97%	97%	94%	79%
HepB3	28%	29%	29%	27%	26%	...	...
MCV	86%	86%	86%	85%	84%	71%	...
Pol3	97%	97%	97%	98%	98%	95%	80%
Hib3	86%	86%	86%	86%	86%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	100	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	1 month-6 years; at school registration	DT	2, 3, 4, 18 months; 6, 11, 16 years
HepB	2, 3, 12 months; recommended	Hib	2, 3, 4, 18 months; recommended
IPV	2, 3, 4, 18 months; 6, 11, 16 years	Measles	9 months; only in kindergarten
MMR	12 months; 3-6 years; recommended	Pw	2, 3, 4, 18 months; 11 years; recommended

2004

Births.....	42,000
Surviving infants	39,000
Total population.....	1,362,000
Infant mortality rate (per 1,000 live births)	60
Under-five mortality rate (per 1,000 live births)	91
Gross national income per capita (US\$)	3,940
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	89%	89%	89%	89%	89%	96%	...
DTP1	69%	69%	69%	69%	69%	96%	...
DTP3	38%	38%	38%	38%	38%	78%	...
HepB3	...	...	...	...	...	...	...
MCV	55%	55%	55%	55%	55%	76%	...
Pol3	31%	31%	31%	31%	31%	78%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	45%	47%	50%	52%	54%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	51	51	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	57%	36%
	between 50-79%	37%	32%
	at 80% or above	6%	32%
MCV: proportion of districts with coverage at 90% or above	20%	10%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	41%	48%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks	TT	pregnant women (2 doses)
Yellow Fever	9 months		

2004

Births.....	52,000
Surviving infants	48,000
Total population.....	1,478,000
Infant mortality rate (per 1,000 live births)	89
Under-five mortality rate (per 1,000 live births)	122
Gross national income per capita (US\$).....	290
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	45

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	99%	99%	99%	97%	98%	85%
DTP1	95%	95%	95%	98%	89%	97%	84%
DTP3	92%	90%	90%	96%	83%	92%	63%
HepB3	90%	90%	90%	84%	91%	93%	...
MCV	90%	90%	90%	90%	85%	86%	69%
Pol3	90%	90%	90%	87%	89%	94%	53%
Hib3	90%	90%	90%	75%	83%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	37	6	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	17%
	at 80% or above	100%	83%
MCV: proportion of districts with coverage at 90% or above	33%	33%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	83%	67%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	2, 3, 4 months
DTwPHib	2, 3, 4 months	HepB	birth; 2, 4 months
Measles	9 months	OPV	birth; 1, 2, 3, 9, 18 months
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, +6, +6, +6, +6, +6 months
Yellow Fever	9 months		

2004

Births.....	50,000
Surviving infants	48,000
Total population.....	4,518,000
Infant mortality rate (per 1,000 live births)	41
Under-five mortality rate (per 1,000 live births)	45
Gross national income per capita (US\$)	1,040
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	20

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	91%	87%	91%	94%	95%	...	...
DTP1	88%	86%	96%	97%	94%	...	...
DTP3	78%	76%	84%	87%	80%	...	...
HepB3	64%	49%	51%	61%	55%	...	...
MCV	86%	80%	73%	73%	73%	...	...
PoI3	66%	75%	89%	83%	81%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	66	76	
Percentage of districts reporting	100%	87%	
DTP3: proportion of districts with coverage	below 50%	6%	5%
	between 50-79%	33%	33%
	at 80% or above	61%	49%
MCV: proportion of districts with coverage at 90% or above	55%	29%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	55%	57%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	99%	

Immunization schedule

BCG	2-5 days	DT	5 years
DTwP	2, 3, 4, 18 months	HepB	birth; 2, 4 months
Measles	12 months; 5 years	MMR	12 months; 5, 13 years
Mumps	12 months	OPV	2, 3, 4, 18 months; 5 years
Td	14 years		

2004

Births.....	687,000
Surviving infants	684,000
Total population.....	82,645,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$).....	30,120
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	98%	96%	96%	96%	96%	93%	...
DTP3	97%	89%	89%	89%	89%	80%	...
HepB3	81%	81%	81%	81%	81%	...	...
MCV	92%	92%	92%	92%	92%	75%	25%
Pol3	94%	94%	94%	94%	94%	80%	80%
Hib3	90%	89%	91%	85%	79%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	439	439
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	69%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaPHibHepIPV	2, 3, 4, 11-14 months	IPV	9-17 years
MMR	11-14, 15-23 months	Pa	9-17 years
Td	5-6, 9-17 years	TdIPV	9-17 years

2004

Births.....	679,000
Surviving infants	638,000
Total population.....	21,664,000
Infant mortality rate (per 1,000 live births)	68
Under-five mortality rate (per 1,000 live births)	112
Gross national income per capita (US\$)	380
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	62

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	92%	92%	91%	91%	95%	71%	...
DTP1	88%	87%	91%	80%	84%	80%	27%
DTP3	80%	80%	80%	80%	84%	58%	7%
HepB3	80%	80%	80%	...	...	...	...
MCV	83%	80%	83%	81%	84%	61%	16%
PoI3	81%	80%	79%	80%	83%	57%	7%
Hib3	80%	80%	80%	...	...	...	...
TT2+ (protected at birth)	70%	70%	70%	70%	70%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	110	110
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	49% 52%
	at 80% or above	51% 48%
MCV: proportion of districts with coverage at 90% or above	29%	52%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	66%	60%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTwPHibHep	6, 10, 14 weeks
Measles	9 months	OPV	6, 10, 14 weeks
TT	CBAW (12-49 years) and 1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6 months
Yellow Fever	9 months		

2004

Births.....	102,000
Surviving infants	101,000
Total population.....	11,098,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$).....	16,610
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	88%	88%	88%	88%	88%	86%	...
DTP1	96%	96%	96%	96%	96%	77%	89%
DTP3	88%	88%	88%	88%	88%	54%	72%
HepB3	88%	88%	88%	88%	88%	...	...
MCV	88%	88%	88%	88%	88%	76%	...
Pol3	87%	87%	87%	87%	87%	96%	90%
Hib3	88%	88%	88%	88%	88%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	54	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	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, 18 months; 4-6 years; private sector
MMR	15 months; 4-6 years	OPV	2, 4, 6, 18 months; 4-6 years
Td	14-16 years; >18 years; recommended every 10 years thereafter	DTaP	2, 4, 6, 18 months; 4-6 years

2004

Births.....	2,000
Surviving infants .....	...
Total population.....	102,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	21
Gross national income per capita (US\$)	3,760
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	87%	98%	98%	98%	99%	93%	50%
DTP3	83%	97%	98%	96%	97%	80%	25%
HepB3	83%	97%	98%	96%	...	...	...
MCV	74%	99%	96%	99%	92%	85%	...
Pol3	84%	98%	98%	96%	97%	69%	32%
Hib3	83%	97%	98%	96%	33%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	7	7	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	14%	0%
	at 80% or above	86%	100%
MCV: proportion of districts with coverage at 90% or above	71%	71%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

DT	4 years	DTwP	18 months
DTwPHibHep	6-8, 16-20, 24-28 weeks	MMR	12, 18 months
OPV	6-8, 16-20, 24-28 weeks; 18 months; 4 years	Td	other children and adults

2004

Births.....	433,000
Surviving infants	417,000
Total population.....	12,295,000
Infant mortality rate (per 1,000 live births)	33
Under-five mortality rate (per 1,000 live births)	45
Gross national income per capita (US\$).....	2,130
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	97%	96%	94%	97%	62%	36%
DTP1	94%	94%	94%	94%	95%	86%	68%
DTP3	84%	83%	84%	82%	85%	66%	43%
HepB3	...	...	...	...	...	...	...
MCV	75%	75%	75%	75%	76%	68%	23%
Pol3	84%	83%	84%	82%	85%	74%	43%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	331	331
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	3% 4%
	at 80% or above	97% 96%
MCV: proportion of districts with coverage at 90% or above	83%	71%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	79%	80%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTwP	2, 3, 4, 18 months; 4 years
MMR	12 months; 2nd dose: follow-up campaign	OPV	2, 3, 4, 18 months; 4 years
Td	CBAW (15-49 years) and 1st contact pregnancy; +1 +6 months; +10 +10 years	Vitamin A	6, 12, 18, 24, 30, 36 months

2004

Births.....	383,000
Surviving infants	344,000
Total population.....	9,202,000
Infant mortality rate (per 1,000 live births)	101
Under-five mortality rate (per 1,000 live births)	155
Gross national income per capita (US\$)	460
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	8

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	71%	78%	77%	76%	76%	50%	...
DTP1	75%	77%	76%	75%	74%	40%	...
DTP3	69%	69%	64%	60%	55%	17%	...
HepB3	...	...	...	...	...	...	...
MCV	73%	74%	70%	65%	61%	35%	...
Pol3	68%	71%	65%	60%	54%	18%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	77%	74%	66%	58%	50%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	38	38
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	8% 13%
	between 50-79%	55% 68%
	at 80% or above	37% 18%
MCV: proportion of districts with coverage at 90% or above	18%	21%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	66%	53%
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW (15-45 years) and 1st contact pregnancy; +1; +6 months; +1, +1 year	Yellow Fever	9 months
		Vitamin A	6 months (subnational)

2004

Births.....	77,000
Surviving infants	68,000
Total population.....	1,540,000
Infant mortality rate (per 1,000 live births)	126
Under-five mortality rate (per 1,000 live births)	203
Gross national income per capita (US\$).....	160
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	80%	84%	70%	70%	72%	90%	...
DTP1	86%	82%	72%	72%	67%	82%	...
DTP3	80%	77%	50%	47%	42%	61%	...
HepB3	...	...	...	...	...	...	...
MCV	80%	61%	47%	48%	59%	53%	...
Pol3	80%	75%	50%	52%	47%	60%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	56%	58%	60%	62%	64%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	11	11	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	27%	0%
	between 50-79%	18%	45%
	at 80% or above	55%	55%
MCV: proportion of districts with coverage at 90% or above	9%	27%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	27%	55%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	55%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW (15-45 years) and 1st contact; +1, +6 months; +1 +1 year		

2004

Births.....	16,000
Surviving infants	15,000
Total population.....	750,000
Infant mortality rate (per 1,000 live births)	48
Under-five mortality rate (per 1,000 live births)	64
Gross national income per capita (US\$)	990
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	60

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	94%	95%	91%	95%	93%	85%	68%
DTP1	90%	93%	97%	98%	97%	94%	60%
DTP3	91%	90%	91%	85%	88%	83%	35%
HepB3	91%	90%	91%	85%	...	...	...
MCV	88%	89%	93%	92%	86%	73%	...
PoI3	91%	91%	93%	90%	79%	79%	42%
Hib3	91%	90%	91%	85%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	13	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	8% 15%
	at 80% or above	92% 85%
MCV: proportion of districts with coverage at 90% or above	46%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	85%	...
Supply: any vaccine supply interruption?	Yes	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth	DTwP	18, 45 months
DTwPHibHep	2, 4, 6 months	IPV	2, 4, 6, 18, 45 months; susp HIV
MMR	12, 45 months	OPV	2, 4, 6, 18, 45 months
Td	adults, pregnant women	Yellow Fever	12 months

2004

Births.....	253,000
Surviving infants	238,000
Total population.....	8,407,000
Infant mortality rate (per 1,000 live births)	74
Under-five mortality rate (per 1,000 live births)	117
Gross national income per capita (US\$).....	390
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	30

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	71%	71%	71%	71%	71%	72%	...
DTP1	76%	76%	76%	76%	76%	66%	21%
DTP3	43%	43%	43%	43%	43%	41%	3%
HepB3	...	...	...	...	...	...	...
MCV	54%	54%	54%	54%	54%	31%	...
Pol3	43%	43%	43%	43%	43%	40%	8%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	52%	52%	52%	52%	52%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	133	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	49% 51%
	between 50-79%	17% 21%
	at 80% or above	34% 28%
MCV: proportion of districts with coverage at 90% or above	21%	19%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	Yes	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks; +1, +1 year
Measles	9 months	OPV	birth; 6, 10, 14 weeks; +1, +1 year
Td	CBAW (15-49 years) and 1st contact pregnancy; +1 month; +1, +1, +1 year	Vitamin A	6, +4, +4 months

2004

Births.....	206,000
Surviving infants	199,000
Total population.....	7,048,000
Infant mortality rate (per 1,000 live births)	31
Under-five mortality rate (per 1,000 live births)	41
Gross national income per capita (US\$)	1,030
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	93%	91%	94%	99%	99%	70%	25%
DTP1	96%	97%	98%	98%	98%	94%	53%
DTP3	89%	92%	95%	95%	95%	84%	28%
HepB3	89%	92%	95%	95%	95%	...	...
MCV	92%	95%	97%	95%	98%	90%	31%
PoI3	90%	92%	95%	95%	88%	87%	31%
Hib3	89%	92%	95%	95%	95%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	298	298
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	1% 0%
	between 50-79%	15% 6%
	at 80% or above	85% 94%
MCV: proportion of districts with coverage at 90% or above	59%	74%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	91%	64%
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

BCG	birth	DTwP	18 months; 4-5 years
DTwPHibHep	2, 4, 6 months	MMR	12 months
MR	1-4 years	OPV	birth; 2, 4, 6 months; 1-4 years
Td	CBAW (12-49 years) 5 doses	Vitamin A	6, 12, 18 months; 2 years; 30 months; 3 years
IPV	2, 4, 6 months; 4 years; high-risk groups	Yellow Fever	>1year; international travellers

2004

Births.....	95,000
Surviving infants	94,000
Total population.....	10,124,000
Infant mortality rate (per 1,000 live births)	7
Under-five mortality rate (per 1,000 live births)	8
Gross national income per capita (US\$).....	8,270
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	99%
DTP1	99%	99%	99%	99%	99%	99%	99%
DTP3	99%	99%	99%	99%	99%	99%	99%
HepB3	...	...	...	...	...	...	...
MCV	99%	99%	99%	99%	99%	99%	99%
Pol3	99%	99%	99%	99%	99%	99%	98%
Hib3	99%	99%	99%	99%	99%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	136	138
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	0%

Immunization schedule

BCG	birth-6 weeks	DT	11 years
DTwP	4, 5 months; 3, 6 years	DTwPIPv	3 months
HepB	14 years (3 doses)	Hib	2, 4, 5, 15 months
MMR	15 months; 11 years	OPV	4, 5, 15 months; 3, 6 years

2004

Births.....	4,000
Surviving infants	4,000
Total population.....	292,000
Infant mortality rate (per 1,000 live births)	2
Under-five mortality rate (per 1,000 live births)	3
Gross national income per capita (US\$)	38,620
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	99%	97%	98%	95%	99%	99%	99%
DTP3	99%	97%	95%	92%	98%	99%	99%
HepB3	...	...	...	...	...	...	...
MCV	93%	93%	91%	88%	91%	99%	...
PoI3	99%	97%	94%	91%	95%	99%	99%
Hib3	99%	97%	94%	92%	98%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	1	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	100%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaP	5 years	DTaPHibIPV	3, 5, 12 months
IPV	14 years	MenC_conj	6, 8 months
MMR	18 months; 12 years	Td	14 years

2004

Births.....	26,000,000
Surviving infants	24,307,000
Total population.....	1,087,124,000
Infant mortality rate (per 1,000 live births)	62
Under-five mortality rate (per 1,000 live births)	85
Gross national income per capita (US\$).....	620
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	73%	73%	73%	73%	73%	66%	...
DTP1	71%	71%	71%	71%	71%	88%	25%
DTP3	64%	64%	64%	64%	64%	70%	6%
HepB3	...	...	...	...	...	...	...
MCV	56%	56%	56%	56%	56%	56%	...
Pol3	70%	70%	70%	70%	70%	66%	2%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	80%	78%	78%	76%	74%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	594	587
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	6%

Immunization schedule

	birth	Measles	9-12 months
BCG	birth		
DTaP	6, 10, 14 weeks; 16-24 months	TT	5, 10, 16 years; school-based doses: school entry, middle school entry and school leaving. Pregnant women: 2 doses of TT for first pregnancy or subsequent pregnancy beyond 3 years and one dose for subsequent pregnancies within 3 years
OPV	birth; 6, 10, 14 weeks; 16-24 months		
Vitamin A	9, 18, 24, 30, 36 months		
DT	5 years		

2004

Births.....	4,513,000
Surviving infants	4,333,000
Total population.....	220,077,000
Infant mortality rate (per 1,000 live births)	30
Under-five mortality rate (per 1,000 live births)	38
Gross national income per capita (US\$)	1,140
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	80

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	82%	82%	82%	76%	78%	74%	61%
DTP1	88%	88%	88%	91%	91%	82%	...
DTP3	70%	70%	70%	76%	75%	60%	...
HepB3	75%	75%	67%	56%	65%	...	...
MCV	72%	72%	72%	70%	72%	58%	...
PoI3	70%	70%	70%	70%	67%	60%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	54%	51%	51%	51%	51%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	418	378	
Percentage of districts reporting	99%	89%	
DTP3: proportion of districts with coverage	below 50%	5%	3%
	between 50-79%	14%	14%
	at 80% or above	80%	72%
MCV: proportion of districts with coverage at 90% or above	50%	43%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	75%	74%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	1 month	HepB	birth-2 months; 3, 4 months
DTwP	2, 3, 4 months	TT	7, 8 years; adult doses: 2 doses during each pregnancy and 1 dose in each subsequent pregnancy
OPV	birth; 1, 2, 3 months	DTwPHep	2, 4, 3 months (subnational)
Vitamin A	6-11, 12-59 months		
DT	6 years; elementary grade 1		

2004

Births.....	1,308,000
Surviving infants	1,267,000
Total population.....	68,803,000
Infant mortality rate (per 1,000 live births)	32
Under-five mortality rate (per 1,000 live births)	38
Gross national income per capita (US\$).....	2,300
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	93%	99%	95%	7%
DTP1	99%	99%	99%	98%	99%	97%	57%
DTP3	99%	99%	99%	96%	99%	91%	32%
HepB3	95%	98%	99%	94%	99%	...	...
MCV	96%	99%	99%	96%	99%	85%	39%
Pol3	98%	99%	99%	95%	99%	90%	38%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	314	301
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	0%

Immunization schedule

BCG	birth	DTwP	2, 4, 6, 18 months; 4-6 years
HepB	birth; 6 weeks; 9 months	MMR	12, 18 months
OPV	birth; 2, 4, 6, 18 months; 4-6 years	Td	14 years; repeated every 10 years - military and pregnant women

2004

Births.....	972,000
Surviving infants	882,000
Total population.....	28,057,000
Infant mortality rate (per 1,000 live births)	102
Under-five mortality rate (per 1,000 live births)	125
Gross national income per capita (US\$)	2,170
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	93%	93%	93%	93%	93%	96%	76%
DTP1	93%	93%	93%	93%	93%	93%	36%
DTP3	81%	81%	81%	81%	81%	83%	14%
HepB3	70%	70%	70%	70%	67%	...	...
MCV	90%	90%	90%	90%	90%	80%	9%
PoI3	87%	87%	87%	87%	87%	83%	16%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	70%	70%	70%	70%	70%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	110	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	15%
	between 50-79%	66%
	at 80% or above	19%
MCV: proportion of districts with coverage at 90% or above	28%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	42%	...
Supply: any vaccine supply interruption?	Yes	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth; 6 years if no scar	DTP	2, 4, 6, 18 months; 4-6 years
HepB	birth; 2, 6 months	Measles	9 months
MMR	15 months; 6 years	OPV	birth; 2, 4, 6, 18 months; 4-6 years
Rubella	12 years; females	Td	>6 years; specific groups
TT	on visit; +1, +6 months; +1 +1 year	Vitamin A	9, 18 months; 6 years

2004

Births.....	63,000
Surviving infants	63,000
Total population.....	4,080,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$).....	34,280
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	90%	90%	90%	90%	90%	84%	...
DTP1	96%	95%	95%	94%	95%	85%	59%
DTP3	89%	85%	85%	84%	86%	65%	34%
HepB3	...	...	...	...	...	...	...
MCV	81%	78%	76%	73%	77%	78%	...
Pol3	89%	86%	85%	84%	86%	81%	72%
Hib3	89%	86%	83%	84%	82%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	8	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	13%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	Yes	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth-1 month	DTaPHibIPV	2, 4, 6 months
DTwPIPv	4-5 years	Influenza	>65 years recommended
MenC_conj	2, 4, 6 months	MMR	12-15 months; 4-5 years
Td	11-14 years		

2004

Births.....	134,000
Surviving infants	133,000
Total population.....	6,601,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$)	17,380
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	75%
DTP1	98%	98%	98%	98%	97%	97%	94%
DTP3	96%	95%	97%	95%	96%	93%	84%
HepB3	98%	95%	98%	96%	97%	...	...
MCV	96%	95%	95%	94%	94%	91%	81%
Pol3	92%	93%	93%	92%	92%	93%	85%
Hib3	96%	96%	93%	93%	94%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	15	17
Percentage of districts reporting	100%	82%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 82%
MCV: proportion of districts with coverage at 90% or above	100%	76%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	82%

Immunization schedule

DT	2, 4, 12 months; if pertussis contraindicated	DTaPHib	6 months
DTaPHibIPV	2, 4, 12 months	HepA	18, 24-30 months
HepB	birth; 1, 6 months	MMR	12 months; 6 years
OPV	4, 6 months; 1, 6, 13 years	Pneumo_ps	>65 years
Td	7, 13 years		

2004

Births.....	531,000
Surviving infants	528,000
Total population.....	58,033,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$).....	26,120
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	98%	98%	98%	98%	98%	94%	...
DTP3	96%	96%	96%	96%	95%	83%	...
HepB3	95%	97%	97%	97%	97%	95%	...
MCV	84%	83%	80%	77%	73%	43%	...
Pol3	97%	97%	97%	97%	97%	98%	...
Hib3	90%	95%	84%	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	195	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	1%
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	children <5 years old living with a contagious person, health care workers	DTaP	3, 5, 11-12 months; 5-6 years
HepB	3, 5, 11-12 months; recommended for high-risk groups	Hib	3, 5, 11-12 months
IPV	3, 5, 11-12 months; 3 years	MMR	12-15 months; 5-12 years; recommended
		Dip	3, 5, 11-12 months; 5-6, 11-15 years
		Pa	3, 5, 11-12 months; 5-6 years

2004

Births.....	52,000
Surviving infants	52,000
Total population.....	2,639,000
Infant mortality rate (per 1,000 live births)	17
Under-five mortality rate (per 1,000 live births)	20
Gross national income per capita (US\$)	2,900
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	85%	88%	90%	96%	94%	98%	38%
DTP1	86%	91%	86%	96%	87%	95%	48%
DTP3	77%	81%	86%	90%	86%	86%	24%
HepB3	77%	19%	...	...	...	...	...
MCV	80%	78%	86%	85%	88%	74%	...
PoI3	71%	81%	86%	91%	86%	87%	34%
Hib3	77%	19%	7%	3%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	13	13	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	62%	31%
	at 80% or above	38%	69%
MCV: proportion of districts with coverage at 90% or above	23%	8%	
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	0%	89%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	0%	

Immunization schedule

BCG	birth; or 6 weeks	DTwP	6 weeks; 3, 5, 18 months; 4-6 years
HepB	6 weeks; 3, 5 months; adult and other children	Hib	6 weeks; 3, 5 months
MMR	12 months; 4-6 years	OPV	6 weeks; 3, 5, 18 months; 4-6 years
Td	1st contact pregnancy; +1, +6 months; +1, +1 year; antenatal clinics, other children and adults as needed	Yellow Fever	>1 year (subnational)

2004

Births.....	1,169,000
Surviving infants	1,165,000
Total population.....	127,923,000
Infant mortality rate (per 1,000 live births)	3
Under-five mortality rate (per 1,000 live births)	4
Gross national income per capita (US\$).....	37,180
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	85%	...
DTP1	99%	99%	98%	98%	99%	96%	82%
DTP3	99%	97%	96%	95%	85%	90%	60%
HepB3	...	...	...	...	...	...	...
MCV	99%	99%	99%	98%	96%	73%	69%
Pol3	97%	97%	89%	81%	99%	90%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	3,099	47
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	0%
MCV: proportion of districts with coverage at 90% or above	...	0%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	0%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	<6 months	DT	11-12 years
DTaP	3-90, 6-90, 9-90, 15-90 months	Influenza	≥65 years
Measles	12-90 months	OPV	3-90 months (2 doses)
Rubella	12-90 months	JE	6-90 months (2 doses); 12-90 months; 9-13, 14-15 years (subnational)

2004

Births.....	150,000
Surviving infants	146,000
Total population.....	5,561,000
Infant mortality rate (per 1,000 live births)	23
Under-five mortality rate (per 1,000 live births)	27
Gross national income per capita (US\$)	2,140
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	58%	67%	29%	...	...	...	...
DTP1	96%	98%	96%	99%	97%	97%	55%
DTP3	95%	97%	95%	99%	91%	92%	30%
HepB3	95%	97%	95%	97%	93%	...	...
MCV	99%	96%	95%	99%	94%	87%	29%
PoI3	95%	97%	95%	97%	94%	92%	32%
Hib3	95%	97%	95%	59%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	20	20	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	5%	0%
	at 80% or above	95%	100%
MCV: proportion of districts with coverage at 90% or above	90%	75%	
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	0%	
Supply: any vaccine supply interruption?	...	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	18 months
DTwPHibHep	2, 3, 4 months	Measles	9 months
MMR	18 months	OPV	2, 3, 4, 9, 18 months; 6 years
Rubella	17-18 years; 11th, 12th grade of school (girls)	Td	6, 10 years; 1st and 10th grades of school
TT	1st, 2nd, 3rd, 4th pregnancies	Yellow Fever	travellers
Hib	2, 3, 4 months; with DT		

2004

Births.....	237,000
Surviving infants	223,000
Total population.....	14,839,000
Infant mortality rate (per 1,000 live births)	63
Under-five mortality rate (per 1,000 live births)	73
Gross national income per capita (US\$).....	2,260
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	65%	99%	99%	96%	98%	...	...
DTP1	85%	99%	95%	98%	97%	...	...
DTP3	82%	99%	95%	96%	97%	...	...
HepB3	99%	99%	95%	96%	99%	...	...
MCV	99%	99%	95%	96%	99%	...	...
Pol3	99%	99%	95%	96%	97%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	160	162
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	50%
	at 80% or above	50%
MCV: proportion of districts with coverage at 90% or above	98%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	0%
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 6, 12 years	Dip	12 years
DT	6 years	DTwP	2, 3, 4, 18 months
HepB	birth; 2, 4 months	Measles	1, 6-7 years
MR	15-25 years	Mumps	1, 12 years
OPV	birth; 2, 3, 4 months	Td	17-55 years

2004

Births.....	1,322,000
Surviving infants	1,234,000
Total population.....	33,467,000
Infant mortality rate (per 1,000 live births)	79
Under-five mortality rate (per 1,000 live births)	120
Gross national income per capita (US\$)	460
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	5

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	87%	87%	87%	88%	90%	92%	...
DTP1	72%	89%	89%	89%	89%	92%	...
DTP3	73%	73%	72%	74%	75%	84%	...
HepB3	73%	73%	72%	...	...	...	...
MCV	73%	72%	72%	73%	75%	78%	...
PoI3	73%	75%	72%	72%	71%	84%	...
Hib3	73%	73%	72%	...	...	...	...
TT2+ (protected at birth)	70%	66%	60%	54%	54%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	78	78	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	4%	6%
	between 50-79%	51%	56%
	at 80% or above	45%	37%
MCV: proportion of districts with coverage at 90% or above	9%	13%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	46%	26%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwPHibHep	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1 month; 2nd, 3rd, 4th pregnancies	Vitamin A	9, 12, 18, 24, 30, 36 months
		Yellow Fever	9 months (subnational)

2004

Births.....	2,000
Surviving infants	0
Total population.....	97,000
Infant mortality rate (per 1,000 live births)	49
Under-five mortality rate (per 1,000 live births)	65
Gross national income per capita (US\$).....	970
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	94%	97%	99%	85%	80%	93%	66%
DTP1	75%	87%	99%	85%	95%	98%	68%
DTP3	62%	91%	99%	85%	90%	97%	43%
HepB3	67%	83%	99%	85%	90%	73%	...
MCV	56%	72%	88%	76%	80%	75%	...
Pol3	61%	79%	96%	88%	90%	97%	10%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	6	...
Percentage of districts reporting	0%	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	birth; 6, 14 weeks	MR	12 months
OPV	birth; 6, 10, 14 weeks	TT	5, 12 years
Vitamin A	6, 12-59 months		

Korea, Democratic People's Republic of

2004

Births.....	349,000
Surviving infants	334,000
Total population.....	22,384,000
Infant mortality rate (per 1,000 live births)	42
Under-five mortality rate (per 1,000 live births)	55
Gross national income per capita (US\$)	-
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	80

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	88%	96%	82%	78%	99%	50%
DTP1	75%	70%	65%	91%	82%	98%	74%
DTP3	72%	68%	64%	62%	56%	98%	50%
HepB3	98%	...	...	...	...	...	...
MCV	95%	95%	98%	92%	78%	98%	29%
Pol3	99%	99%	99%	98%	93%	99%	50%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	204	206
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	100% 100%
	at 80% or above	0% 0%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	+1 week after birth	DTwP	1.5, 2.5, 3.5 months
HepB	+1 week after birth; 1.5, 3.5 months	Measles	9 months
OPV	1.5, 2.5, 3.5 months	TT	grade 3, grade 4; school dose. Also adult doses: during each pregnancy, women get 2 doses (at 3 and 4 months of pregnancy)
Vitamin A	6-59 months		

2004

Births.....	467,000
Surviving infants	466,000
Total population.....	47,645,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$).....	13,980
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	93%	87%	89%	89%	73%	72%	...
DTP1	95%	97%	97%	99%	97%	90%	...
DTP3	88%	97%	97%	99%	97%	74%	...
HepB3	92%	91%	92%	89%	93%	...	...
MCV	99%	96%	97%	97%	95%	93%	4%
Pol3	90%	94%	99%	98%	99%	74%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	246	244	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DtaP	2, 4, 6, 15-18 months; 4-6 years
HepB	birth; 1, 2-6 months	Influenza	every year high-risk groups
IPV	2, 4, 6-18 months; 4-6 years	MMR	12-15 months; 4-6 years
OPV	2, 4, 6 months; 4-6 years		

2004

Births.....	50,000
Surviving infants	49,000
Total population.....	2,606,000
Infant mortality rate (per 1,000 live births)	10
Under-five mortality rate (per 1,000 live births)	12
Gross national income per capita (US\$)	16,340
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	99%	99%	99%	99%	98%	88%	86%
DTP3	98%	99%	99%	99%	98%	71%	67%
HepB3	94%	99%	99%	99%	95%	...	...
MCV	97%	97%	97%	99%	99%	66%	48%
PoI3	98%	99%	99%	99%	94%	71%	70%
Hib3	98%	99%	99%	99%	98%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	109	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	58%
MCV: proportion of districts with coverage at 90% or above	53%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	3.5 years	DTPHib	2, 4, 6, 18 months
DTwP	3.5 years	HepB	birth; 2, 6 months
MMR	1, 3.5 years	OPV	birth; 2, 4, 6, 18 months; 3.5 years
Rubella	12 years; girls only	Td	10-18 years
Yellow Fever	travellers		

2004

Births.....	116,000
Surviving infants	109,000
Total population.....	5,204,000
Infant mortality rate (per 1,000 live births)	58
Under-five mortality rate (per 1,000 live births)	68
Gross national income per capita (US\$).....	400
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	22

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	99%	99%	99%	96%	...	...
DTP1	99%	99%	99%	99%	99%	...	...
DTP3	99%	98%	98%	99%	99%	...	...
HepB3	99%	99%	99%	57%	44%	...	...
MCV	99%	99%	98%	99%	98%	...	...
Pol3	98%	98%	99%	99%	99%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	52	52	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DT	6 years
DTaP	2, 3.5, 5 months; 2 years	HepB	birth; 2, 5 months
MMR	12 months	MR	6 years
OPV	birth; 2, 3.5, 5 months	Td	11, 16, 26, 36, 46, 56 years

Lao People's Democratic Republic

2004

Births.....	204,000
Surviving infants	186,000
Total population.....	5,792,000
Infant mortality rate (per 1,000 live births)	65
Under-five mortality rate (per 1,000 live births)	83
Gross national income per capita (US\$)	390
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	60%	65%	65%	60%	69%	26%	...
DTP1	66%	72%	65%	60%	83%	41%	...
DTP3	45%	50%	55%	40%	53%	18%	...
HepB3	45%	50%	...	...	...	...	...
MCV	36%	42%	55%	50%	42%	32%	...
Pol3	46%	52%	55%	55%	57%	26%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	30%	36%	35%	33%	37%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	142	142	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	58%	61%
	between 50-79%	35%	19%
	at 80% or above	7%	20%
MCV: proportion of districts with coverage at 90% or above	1%	4%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	10%	10%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	63%	

Immunization schedule

BCG	birth	HepB	birth
Measles	9 months	OPV	6, 10, 14 weeks
Vitamin A	6, 12, 18, 24, 30, 36 months	DTwPHep	6, 10, 14 weeks (subnational)

2004

Births.....	21,000
Surviving infants	20,000
Total population.....	2,318,000
Infant mortality rate (per 1,000 live births)	10
Under-five mortality rate (per 1,000 live births)	12
Gross national income per capita (US\$).....	5,460
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	...	...
DTP1	99%	99%	99%	99%	98%	...	...
DTP3	98%	98%	97%	97%	97%	...	...
HepB3	99%	98%	98%	96%	95%	...	...
MCV	99%	99%	98%	98%	97%	...	...
Pol3	97%	98%	98%	97%	96%	...	...
Hib3	95%	92%	87%	84%	75%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	33	33	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	97%	20%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DT	7 years
DTaP	18 months	DTwPIPv	3, 4.5, 6 months
HepB	birth; 1, 6-8 months	Hib	3, 4.5, 6 months
MMR	15 months; 7 years	OPV	18 months; 7, 14 years
Td	14 years; and adults	IPV	3, 4.5, 6 months

2004

Births.....	66,000
Surviving infants	65,000
Total population.....	3,540,000
Infant mortality rate (per 1,000 live births)	27
Under-five mortality rate (per 1,000 live births)	31
Gross national income per capita (US\$)	4,980
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	98%	98%	98%	95%	93%	94%	17%
DTP3	92%	92%	92%	93%	90%	82%	0%
HepB3	88%	88%	88%	70%	70%	...	...
MCV	96%	96%	96%	94%	90%	61%	0%
PoI3	92%	92%	92%	93%	90%	82%	0%
Hib3	92%	92%	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	25	26
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	...	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

DTwP	4-5 years	DTwPHib	2, 3, 4, 15-18 months
HepB	birth; 1, 4 months	MMR	13 months; 4-5 years
OPV	2, 3, 4, 15-18 months; 4-5, 10-12 years	Td	10-12 years

2004

Births.....	50,000
Surviving infants	47,000
Total population.....	1,798,000
Infant mortality rate (per 1,000 live births)	61
Under-five mortality rate (per 1,000 live births)	82
Gross national income per capita (US\$).....	740
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	10

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	83%	83%	83%	83%	88%	97%	81%
DTP1	83%	83%	83%	83%	87%	91%	75%
DTP3	78%	78%	78%	78%	82%	76%	56%
HepB3	67%	...	...	...	...	...	...
MCV	70%	70%	70%	70%	74%	80%	49%
Pol3	78%	78%	78%	78%	81%	76%	56%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	19	19	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	11%	37%
	between 50-79%	63%	42%
	at 80% or above	26%	21%
MCV: proportion of districts with coverage at 90% or above	11%	11%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	79%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DT	18 months
DTwP	6, 10, 14 weeks	HepB	6, 10, 14 weeks
Measles	9, 18 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +4 weeks; +6 months; +1, +1 year		

2004

Births.....	164,000
Surviving infants	141,000
Total population.....	3,241,000
Infant mortality rate (per 1,000 live births)	157
Under-five mortality rate (per 1,000 live births)	235
Gross national income per capita (US\$)	110
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	60%	43%	67%	77%	79%	...	...
DTP1	48%	49%	67%	79%	78%	...	...
DTP3	31%	38%	51%	62%	55%	...	...
HepB3	...	...	...	...	...	...	...
MCV	42%	53%	57%	78%	52%	...	...
PoI3	33%	39%	50%	61%	59%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	35%	40%	46%	51%	56%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	15	15	
Percentage of districts reporting	67%	100%	
DTP3: proportion of districts with coverage	below 50%	53%	93%
	between 50-79%	13%	7%
	at 80% or above	0%	0%
MCV: proportion of districts with coverage at 90% or above	7%	7%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	40%	0%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	93%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6-11 months
Yellow Fever	9 months		

2004

Births.....	133,000
Surviving infants	131,000
Total population.....	5,740,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	20
Gross national income per capita (US\$).....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	97%	90%	88%
DTP1	99%	98%	97%	96%	97%	94%	82%
DTP3	97%	95%	93%	94%	94%	84%	60%
HepB3	99%	95%	91%	93%	92%	...	...
MCV	99%	95%	91%	93%	92%	89%	61%
Pol3	97%	95%	93%	94%	94%	84%	60%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	35	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	3%
	between 50-79%	17%
	at 80% or above	80%
MCV: proportion of districts with coverage at 90% or above	80%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	71%	...
Supply: any vaccine supply interruption?	Yes	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 12 years	DT	6 years
DTwP	6, 10, 14, 18 weeks	HepB	birth; 6 weeks; 8 months
Measles	8 months	MenAC	6 years
MMR	18 months	OPV	birth; 6, 10, 14 weeks; 18 months; 6 years
TT	12 years		

2004

Births.....	31,000
Surviving infants	30,000
Total population.....	3,443,000
Infant mortality rate (per 1,000 live births)	8
Under-five mortality rate (per 1,000 live births)	8
Gross national income per capita (US\$)	5,740
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	...	...
DTP1	94%	98%	98%	98%	99%	...	...
DTP3	94%	94%	95%	95%	94%	...	...
HepB3	94%	95%	94%	95%	99%	...	...
MCV	98%	98%	98%	97%	97%	...	...
PoI3	90%	91%	97%	97%	92%	...	...
Hib3	35%	10%	5%	4%	2%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	52	52	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	2%
	at 80% or above	100%	98%
MCV: proportion of districts with coverage at 90% or above	96%	98%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	98%	94%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...	

Immunization schedule

BCG	birth	DT	6 years
DTwPHibIPV	2, 4, 6 months	DTwPIPV	18 months
HepB	birth; 1, 6 months or 12 years (3 doses)	MMR	15 months; 6-12 years
OPV	6, 12 years	Td	15 years

2004

Births.....	6,000
Surviving infants	6,000
Total population.....	459,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$).....	56,230
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	-

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	98%	98%	98%	98%	98%	96%	...
DTP3	98%	98%	98%	98%	98%	90%	...
HepB3	49%	49%	49%	49%	49%	...	...
MCV	91%	91%	91%	91%	91%	80%	...
Pol3	98%	98%	98%	98%	98%	90%	...
Hib3	86%	86%	86%	86%	86%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTaPHibIPV	4, 6, 12 months
HepB	1, 4, 12 months	IPV	12 years
MMR	15 months; 5 years	Td	12 years

2004

Births.....	704,000
Surviving infants	650,000
Total population.....	18,113,000
Infant mortality rate (per 1,000 live births)	76
Under-five mortality rate (per 1,000 live births)	123
Gross national income per capita (US\$)	300
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	72%	72%	72%	72%	72%	67%	21%
DTP1	71%	71%	72%	72%	73%	71%	...
DTP3	61%	61%	60%	58%	57%	46%	...
HepB3	61%	61%	...	...	...	...	...
MCV	59%	59%	58%	57%	56%	47%	...
PoI3	63%	63%	62%	61%	59%	46%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	55%	55%	55%	55%	55%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	111	111	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	26%	14%
	between 50-79%	33%	28%
	at 80% or above	41%	58%
MCV: proportion of districts with coverage at 90% or above	23%	47%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	32%	34%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	92%	92%	

Immunization schedule

BCG	birth	DTPHep	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	9, 15, 21, 27, 31, 39 months

2004

Births.....	550,000
Surviving infants	490,000
Total population.....	12,608,000
Infant mortality rate (per 1,000 live births)	110
Under-five mortality rate (per 1,000 live births)	175
Gross national income per capita (US\$).....	170
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	97%	91%	78%	93%	83%	97%	...
DTP1	99%	99%	94%	99%	98%	95%	80%
DTP3	89%	84%	64%	90%	75%	87%	58%
HepB3	89%	84%	64%	...	...	...	...
MCV	80%	77%	69%	82%	73%	81%	49%
Pol3	94%	85%	79%	86%	73%	93%	28%
Hib3	89%	84%	64%	...	...	...	...
TT2+ (protected at birth)	70%	70%	70%	70%	70%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	26	26	
Percentage of districts reporting	100%	92%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	15%	29%
	at 80% or above	85%	64%
MCV: proportion of districts with coverage at 90% or above	23%	15%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	12%	19%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	93%	

Immunization schedule

BCG	birth	DTPHibHep	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW (15-45 years) and 1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, 12, 18, 24, 30, 36, 42 months

2004

Births.....	549,000
Surviving infants	544,000
Total population.....	24,894,000
Infant mortality rate (per 1,000 live births)	10
Under-five mortality rate (per 1,000 live births)	12
Gross national income per capita (US\$)	4,650
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	94%
DTP1	99%	98%	98%	98%	98%	96%	86%
DTP3	99%	96%	96%	97%	95%	90%	67%
HepB3	95%	95%	95%	95%	94%	86%	...
MCV	95%	92%	92%	92%	88%	70%	...
PoI3	95%	97%	97%	97%	95%	90%	67%
Hib3	99%	96%	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	122	120
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	...	97%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	98%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DT	7 years
DTwP	18 months	DTwPHib	2, 3, 5 months
HepB	birth; 1, 5 months; plus high-risk	MMR	12 months; 7 years
OPV	2, 3, 5, 18 months; 7 years	Yellow Fever	travellers
TT	school age up to 15 years; pregnant women (2 doses 1st pregnancy; booster subsequent delivery)	JE	12, 13, 24, 60 months; 8, 11, 14 years; high-risk groups (subnational)

2004

Births.....	10,000
Surviving infants	10,000
Total population.....	321,000
Infant mortality rate (per 1,000 live births)	35
Under-five mortality rate (per 1,000 live births)	46
Gross national income per capita (US\$).....	2,510
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	99%	99%	99%	7%
DTP1	98%	98%	98%	99%	98%	97%	22%
DTP3	96%	98%	98%	98%	97%	94%	4%
HepB3	97%	98%	98%	96%	90%	...	...
MCV	97%	96%	99%	99%	99%	96%	...
Pol3	96%	98%	98%	98%	97%	94%	4%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	20	20	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	90%	...	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DT	5 years; children who did not receive DTP
DTwP	6, 10, 14 weeks	MenACWY	2 weeks before visiting high-risk areas
HepB	birth; 4, 12 weeks	TT	pregnant women or CBAW (15-45 years); +1, +6 months; +1, +1 year
Measles	9 months	Yellow Fever	2 weeks before visiting high-risk areas
OPV	birth; 8, 12, 16 weeks		
Vitamin A	6, 12, 18, 24 months		

2004

Births.....	647,000
Surviving infants	562,000
Total population.....	13,124,000
Infant mortality rate (per 1,000 live births)	121
Under-five mortality rate (per 1,000 live births)	219
Gross national income per capita (US\$)	360
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	75%	63%	81%	68%	69%	82%	...
DTP1	99%	87%	84%	75%	65%	67%	...
DTP3	76%	69%	64%	51%	40%	42%	...
HepB3	73%	79%	...	...	...	...	...
MCV	75%	68%	64%	61%	49%	43%	...
PoI3	72%	65%	60%	51%	39%	42%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	50%	32%	32%	32%	32%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	58	58	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	21%	22%
	between 50-79%	33%	41%
	at 80% or above	47%	36%
MCV: proportion of districts with coverage at 90% or above	21%	16%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	12%	21%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks	TT	CBAW (15-49 years) and 1st contact pregnancy; +1; +6 months; +1, +1 year
Vitamin A	6 months	Yellow Fever	9 months

2004

Births.....	4,000
Surviving infants	4,000
Total population.....	400,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$).....	12,250
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	77%	...
DTP1	76%	96%	95%	98%	97%	84%	...
DTP3	55%	94%	95%	95%	94%	63%	...
HepB3	8%	70%	...	...	...	...	...
MCV	87%	90%	65%	65%	74%	80%	...
Pol3	55%	94%	95%	95%	94%	86%	...
Hib3	55%	93%	71%	84%	93%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	0%

Immunization schedule

BCG	13 years; also given to those in contact with patients and travellers to TB-endemic areas	DT	2, 3, 4 months; 3.5 years
DTwP	2, 3, 4 months	DTwPIPv	2, 3, 4 months; for immunocompromised
HepB	15, 16, 21 months	Hib	2, 3, 4 months
MMR	15 months; 7 years	OPV	2, 3, 4 months; 3.5-16 years
Td	16 years		

Marshall Islands

2004

Births.....	...
Surviving infants .....	...
Total population.....	60,000
Infant mortality rate (per 1,000 live births)	52
Under-five mortality rate (per 1,000 live births)	59
Gross national income per capita (US\$)	2,370
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	91%	93%	90%	89%	89%	49%	...
DTP1	71%	90%	90%	90%	23%	97%	...
DTP3	64%	68%	80%	73%	39%	92%	...
HepB3	72%	74%	80%	76%	36%	10%	...
MCV	70%	90%	80%	89%	94%	52%	...
Pol3	68%	80%	80%	73%	36%	89%	...
Hib3	46%	70%	80%	45%	45%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	3	2
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	33%
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	0%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%
Supply: any vaccine supply interruption?	No	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaP	2, 4, 6 months; 1, 4-5 years	HepB	birth; 2, 6 months
Hib	2, 4 months; 1 year	MMR	12 months; +1 month
OPV	2, 4, 6 months; 4-5 years	TT	pregnant women and adults
		Influenza	>45 years; and high-risk

2004

Births.....	123,000
Surviving infants	112,000
Total population.....	2,980,000
Infant mortality rate (per 1,000 live births)	78
Under-five mortality rate (per 1,000 live births)	125
Gross national income per capita (US\$).....	420
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	86%	84%	98%	70%	75%	79%	...
DTP1	83%	91%	99%	82%	70%	69%	...
DTP3	70%	76%	83%	61%	40%	33%	...
HepB3	...	...	...	...	...	...	...
MCV	64%	71%	81%	58%	62%	38%	...
Pol3	68%	75%	82%	58%	44%	33%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	33%	41%	40%	31%	17%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	53	53	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	23%	9%
	between 50-79%	53%	49%
	at 80% or above	25%	42%
MCV: proportion of districts with coverage at 90% or above	9%	11%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	32%	40%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW (14-45 years) and 1st contact pregnancy; +1, +6 months; +1, +1 year		

2004

Births.....	20,000
Surviving infants	20,000
Total population.....	1,233,000
Infant mortality rate (per 1,000 live births)	14
Under-five mortality rate (per 1,000 live births)	15
Gross national income per capita (US\$)	4,640
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	92%	87%	89%	88%	87%	89%
DTP1	98%	93%	92%	92%	88%	95%	96%
DTP3	98%	92%	88%	92%	88%	85%	89%
HepB3	98%	92%	88%	92%	88%	...	...
MCV	98%	94%	84%	90%	84%	76%	...
PoI3	98%	93%	88%	93%	88%	86%	90%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	10	10
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	40%	50%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	1 month	DT	2, 5 years
DTwP	3, 4, 5 months	HepB	3, 4, 5 months
MMR	1, 5 years	OPV	3, 4, 5 months; 2, 5 years
TT	11 years		

2004

Births.....	2,201,000
Surviving infants	2,159,000
Total population.....	105,699,000
Infant mortality rate (per 1,000 live births)	23
Under-five mortality rate (per 1,000 live births)	28
Gross national income per capita (US\$).....	6,770
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	95

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	67%	48%
DTP1	99%	99%	92%	91%	90%	77%	69%
DTP3	98%	98%	91%	89%	89%	53%	44%
HepB3	98%	98%	91%	89%	89%	...	...
MCV	96%	96%	96%	95%	96%	75%	35%
Pol3	98%	98%	92%	90%	89%	66%	91%
Hib3	98%	98%	91%	89%	89%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	2,443	2,443
Percentage of districts reporting	100%	99%
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	3%
	at 80% or above	97%
MCV: proportion of districts with coverage at 90% or above	97%	96%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	99%
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

BCG	birth	DTPHibHep	2, 4, 6 months
DTwP	2, 4 years	Influenza	6-22, 7-23, 17-23 months
MMR	1, 6 years	MR	13-39 years
OPV	2, 4, 6 months	Td	≥12 years; 6 doses

Micronesia (Federated States of)

2004

Births.....	3,000
Surviving infants	3,000
Total population.....	110,000
Infant mortality rate (per 1,000 live births)	19
Under-five mortality rate (per 1,000 live births)	23
Gross national income per capita (US\$)	1,990
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	62%	64%	51%	37%	24%	12%	...
DTP1	83%	97%	94%	91%	95%	95%	...
DTP3	78%	92%	84%	75%	85%	85%	...
HepB3	80%	89%	88%	88%	87%	56%	...
MCV	85%	91%	88%	85%	82%	81%	...
PoI3	82%	88%	84%	79%	78%	85%	...
Hib3	65%	68%	70%	73%	75%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	4	4
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	... 0%
	between 50-79%	... 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%
Supply: any vaccine supply interruption?	Yes	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTaP	2, 4, 6, 12-15 months; 4-6 years
HepB	birth; 2, 6 months	Hib	2, 4, 12 months
Influenza	yearly for adults >50 years	MMR	12 months; +1 month
OPV	2, 4, 6, 12 months; 4-6 years	TT	every 10 years

2004

Births.....	43,000
Surviving infants	42,000
Total population.....	4,218,000
Infant mortality rate (per 1,000 live births)	23
Under-five mortality rate (per 1,000 live births)	28
Gross national income per capita (US\$).....	710
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	86

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	96%	98%	99%	98%	98%	...	...
DTP1	99%	99%	98%	97%	94%	...	...
DTP3	98%	98%	97%	90%	91%	...	...
HepB3	99%	99%	99%	84%	88%	...	...
MCV	96%	96%	94%	81%	87%	...	...
Pol3	98%	98%	98%	93%	92%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	44	44	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	98%	95%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	98%	93%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	3-5 days; 6-7 years	DT	6-7 years
DTaP	2, 4, 6, 22-24 months	HepB	birth; 1, 6 months
MMR	12 months; 6-7 years	OPV	2, 4, 6, 22-24 months; 6-7 years
Td	15, 20, 25, 30, 35, 40, 50, 60 years		

2004

Births.....	...
Surviving infants .....	...
Total population.....	35,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$) .....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	90%	90%	92%	95%	97%	99%	...
DTP1	99%	99%	99%	99%	99%	99%	...
DTP3	99%	99%	99%	99%	99%	99%	...
HepB3	99%	99%	99%	99%	99%	...	...
MCV	99%	99%	99%	99%	99%	99%	...
PoI3	99%	99%	99%	99%	99%	99%	...
Hib3	99%	99%	99%	99%	99%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 2003 schedule	DTaPHibHepIPV	≥2 months
HepA	5 months; 1 year	HepB	5 months; 1 year
MenC_conj	2 years	MMR	1, 3-6 years
Pneumo_ps	2 months		

2004

Births.....	58,000
Surviving infants	55,000
Total population.....	2,614,000
Infant mortality rate (per 1,000 live births)	41
Under-five mortality rate (per 1,000 live births)	52
Gross national income per capita (US\$).....	590
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	33

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	95%	95%	95%	95%	81%	51%
DTP1	99%	98%	95%	95%	95%	94%	91%
DTP3	99%	98%	94%	94%	95%	84%	76%
HepB3	95%	95%	94%	94%	94%	...	...
MCV	96%	95%	95%	95%	94%	92%	17%
Pol3	95%	94%	93%	92%	92%	87%	86%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	323	347
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth; 8 years	DT	8, 15 years
DTwP	2, 3, 4 months 2 years	HepB	birth; 2, 8-11 months
Measles	8-11, 14-21 months	OPV	birth; 2, 3, 4 months

2004

Births.....	713,000
Surviving infants	687,000
Total population.....	31,020,000
Infant mortality rate (per 1,000 live births)	38
Under-five mortality rate (per 1,000 live births)	43
Gross national income per capita (US\$)	1,520
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	92%	90%	93%	99%	96%	...
DTP1	99%	94%	94%	98%	97%	93%	...
DTP3	97%	91%	94%	96%	95%	81%	...
HepB3	95%	90%	92%	84%	43%	...	...
MCV	95%	90%	96%	96%	93%	80%	...
PoI3	97%	91%	94%	93%	95%	81%	...
Hib3	10%	4%	4%	5%	3%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	67	68
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	1% 18%
	at 80% or above	99% 82%
MCV: proportion of districts with coverage at 90% or above	70%	54%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	96%	93%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks; 18 months
HepB	birth; 6 weeks; 9 months	Measles	9 months
MR	6 years	OPV	birth; 6, 10, 14 weeks; 18 months
TT	CBAW +1 +6 months; +1 +1 year	Vitamin A	6, 12, 18 months

2004

Births.....	769,000
Surviving infants	694,000
Total population.....	19,424,000
Infant mortality rate (per 1,000 live births)	104
Under-five mortality rate (per 1,000 live births)	152
Gross national income per capita (US\$).....	250
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	47

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	87%	87%	87%	86%	84%	59%	...
DTP1	88%	88%	88%	86%	84%	71%	...
DTP3	72%	72%	72%	70%	68%	46%	...
HepB3	72%	72%	72%	25%	...	...	...
MCV	77%	77%	77%	74%	71%	59%	...
Pol3	70%	70%	70%	68%	65%	46%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	60%	57%	57%	57%	57%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	144	144
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	1% 4%
	between 50-79%	20% 22%
	at 80% or above	78% 74%
MCV: proportion of districts with coverage at 90% or above	59%	60%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	36%	47%
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

BCG	birth	DTwPHep	6, 10, 14 weeks
Measles	9 months	OPV	6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, +6, +6, +6, +6, +6 months

2004

Births.....	992,000
Surviving infants	921,000
Total population.....	50,004,000
Infant mortality rate (per 1,000 live births)	76
Under-five mortality rate (per 1,000 live births)	106
Gross national income per capita (US\$)	220
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	85%	80%	82%	75%	88%	95%	9%
DTP1	86%	80%	81%	81%	87%	96%	22%
DTP3	82%	78%	79%	73%	82%	88%	4%
HepB3	54%	34%	...	...	...	...	...
MCV	78%	76%	77%	73%	84%	90%	...
PoI3	82%	77%	78%	73%	86%	88%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	85%	83%	81%	79%	77%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	324	324	
Percentage of districts reporting	99%	98%	
DTP3: proportion of districts with coverage	below 50%	13%	12%
	between 50-79%	23%	36%
	at 80% or above	61%	50%
MCV: proportion of districts with coverage at 90% or above	33%	21%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	93%	87%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	6 weeks	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	6, 10, 14 weeks
TT	1st antenatal visit; +1 month		

2004

Births.....	56,000
Surviving infants	54,000
Total population.....	2,009,000
Infant mortality rate (per 1,000 live births)	47
Under-five mortality rate (per 1,000 live births)	63
Gross national income per capita (US\$).....	2,370
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	71%	92%	81%	69%	77%	88%	...
DTP1	88%	87%	86%	84%	90%	81%	...
DTP3	81%	82%	77%	63%	79%	59%	...
HepB3	...	...	...	...	...	...	...
MCV	70%	70%	68%	58%	69%	57%	...
Pol3	81%	82%	78%	64%	80%	59%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	67%	72%	76%	81%	85%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	34	34
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	50%
	at 80% or above	44%
MCV: proportion of districts with coverage at 90% or above	50%	56%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	15%	12%
Supply: any vaccine supply interruption?	76%	68%
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	Yes	Yes

Immunization schedule

BCG	birth	DT	5, 10 years
DTwP	6, 10, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks; 5, 10 years	TT	CBAW (15-49 years)
Vitamin A	9 months		

2004

Births.....	...
Surviving infants .....	...
Total population.....	13,000
Infant mortality rate (per 1,000 live births)	25
Under-five mortality rate (per 1,000 live births)	30
Gross national income per capita (US\$) .....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	95%	95%	99%	93%	93%	...
DTP1	93%	93%	99%	98%	85%	90%	...
DTP3	80%	80%	80%	95%	44%	74%	...
HepB3	75%	75%	75%	95%	58%	...	...
MCV	40%	40%	40%	95%	8%	...	...
PoI3	59%	59%	59%	99%	27%	74%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	1	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	4 weeks	DTwP	2, 4, 6 months
HepB	birth; 1, 6 months	Measles	9, 12 months
OPV	2, 4, 6 months; 5 years	Td	5 years

2004

Births.....	786,000
Surviving infants	738,000
Total population.....	26,591,000
Infant mortality rate (per 1,000 live births)	59
Under-five mortality rate (per 1,000 live births)	76
Gross national income per capita (US\$).....	260
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	65

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	85%	91%	85%	84%	84%	74%	22%
DTP1	88%	82%	84%	84%	84%	68%	28%
DTP3	80%	78%	72%	72%	72%	43%	8%
HepB3	87%	15%	...	...	...	...	...
MCV	73%	75%	71%	71%	71%	57%	...
Pol3	80%	76%	72%	72%	72%	42%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	42%	30%	56%	56%	56%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	75	75
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	1% 4%
	between 50-79%	23% 47%
	at 80% or above	76% 49%
MCV: proportion of districts with coverage at 90% or above	21%	13%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	88%	83%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	53%

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	6, 10, 14 weeks
TT	pregnant women; +1; +6 months; +1, +1 year	Vitamin A	6 months; Vitamin A distributed every six months to all children aged 6 months-5 years

2004

Births.....	190,000
Surviving infants	189,000
Total population.....	16,226,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$)	31,700
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	98%	98%	98%	98%	98%	98%	98%
DTP3	98%	98%	98%	97%	97%	97%	96%
HepB3	...	...	...	...	...	...	...
MCV	96%	96%	96%	96%	96%	94%	91%
Pol3	98%	98%	98%	97%	97%	97%	96%
Hib3	97%	96%	96%	96%	96%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	12	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	100%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	Yes	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTwPHibIPV	2, 3, 4, 11 months	HepB	2, 4, 11 months; children with a parent from a country with prevalence >2%
MenC_conj	14 months	MMR	14 months; 9 years
Pa	4 years		

2004

Births.....	55,000
Surviving infants	54,000
Total population.....	3,989,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$).....	20,310
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	96%	96%	96%	96%	96%	96%	91%
DTP3	90%	90%	90%	90%	90%	90%	76%
HepB3	90%	90%	90%	90%	90%	...	...
MCV	85%	85%	85%	85%	85%	90%	80%
Pol3	82%	82%	82%	82%	82%	90%	...
Hib3	90%	90%	90%	90%	90%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaPHib	15 months	DTaPIPV	6 weeks; 3, 5 months; 4 years
HepB	5 months	HibHepB	6 weeks; 3 months
Influenza	>65 years	IPV	11 years
MMR	15 months; 4 years	Td	11, 45, 65 years

2004

Births.....	153,000
Surviving infants	149,000
Total population.....	5,376,000
Infant mortality rate (per 1,000 live births)	31
Under-five mortality rate (per 1,000 live births)	38
Gross national income per capita (US\$)	790
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	40

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	88%	94%	84%	90%	96%	84%	33%
DTP1	92%	95%	95%	94%	94%	86%	37%
DTP3	79%	86%	85%	84%	83%	66%	15%
HepB3	79%	86%	85%	84%	83%	...	...
MCV	84%	93%	98%	92%	86%	82%	15%
PoI3	80%	86%	85%	85%	85%	87%	21%
Hib3	79%	86%	85%	84%	83%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	162	162	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	6%	4%
	between 50-79%	58%	39%
	at 80% or above	36%	57%
MCV: proportion of districts with coverage at 90% or above	26%	44%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	86%	84%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	18 months
DTwPHibHep	2, 4, 6 months	MMR	12 months
OPV	2, 4, 6 months	Td	6-9, 10-14 years (3 doses)
Vitamin A	6, 12, 18, 24, 30, 36, 48 months	Yellow Fever	>1 year; travellers

2004

Births.....	734,000
Surviving infants	623,000
Total population.....	13,499,000
Infant mortality rate (per 1,000 live births)	152
Under-five mortality rate (per 1,000 live births)	259
Gross national income per capita (US\$).....	230
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	72%	64%	52%	49%	54%	50%	...
DTP1	75%	76%	41%	50%	48%	46%	...
DTP3	62%	52%	23%	31%	31%	22%	...
HepB3	...	...	...	...	...	...	...
MCV	74%	64%	48%	53%	34%	25%	...
Pol3	62%	51%	25%	30%	31%	22%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	43%	40%	36%	40%	40%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	42	42	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	12%	43%
	between 50-79%	79%	48%
	at 80% or above	10%	10%
MCV: proportion of districts with coverage at 90% or above	17%	12%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	12%	17%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW (15-49 years) and pregnant women; +1, +6 months	Vitamin A	6, 12 months
Yellow Fever	9 months		

2004

Births.....	5,323,000
Surviving infants	4,723,000
Total population.....	128,709,000
Infant mortality rate (per 1,000 live births)	101
Under-five mortality rate (per 1,000 live births)	197
Gross national income per capita (US\$)	390
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	48%	48%	48%	46%	45%	80%	...
DTP1	43%	43%	43%	42%	42%	79%	...
DTP3	25%	25%	25%	24%	24%	56%	...
HepB3	...	...	...	...	...	...	...
MCV	35%	35%	35%	35%	35%	54%	...
Pol3	39%	39%	39%	32%	26%	55%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	51%	51%	48%	46%	44%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	774	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	49%
	between 50-79%	6%
	at 80% or above	3%
MCV: proportion of districts with coverage at 90% or above	3%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	56%	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	birth; 6, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks	TT	1st contact pregnancy; +3, +5, +10 years
Vitamin A	9, 15 months	Yellow Fever	9 months

2004

Births.....	...
Surviving infants .....	...
Total population.....	1,000
Infant mortality rate (per 1,000 live births) .....	...
Under-five mortality rate (per 1,000 live births) .....	...
Gross national income per capita (US\$).....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	96%	99%	99%	99%	99%	99%	85%
DTP1	99%	99%	99%	99%	99%	99%	27%
DTP3	99%	95%	99%	99%	99%	99%	7%
HepB3	99%	95%	99%	99%	99%	...	...
MCV	99%	86%	99%	99%	99%	99%	77%
Pol3	99%	95%	99%	99%	99%	99%	...
Hib3	99%	99%	99%	99%	99%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	1	1	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTaPHib	15 months
DTaPIPv	6 weeks; 3, 5, 18 months; 4 years	HepB	birth; 6 weeks; 5 months
MMR	15 months; 4 years	TD	11 years
		Influenza	>65 years (subnational)

2004

Births.....	55,000
Surviving infants	55,000
Total population.....	4,598,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	4
Gross national income per capita (US\$)	52,030
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	91%	91%	92%	98%	96%	95%	...
DTP3	91%	90%	91%	95%	95%	86%	...
HepB3	...	...	...	...	...	...	...
MCV	88%	84%	88%	93%	92%	87%	...
PoI3	91%	90%	91%	95%	96%	84%	...
Hib3	93%	92%	93%	96%	97%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	19	19	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	5%	5%
	at 80% or above	95%	95%
MCV: proportion of districts with coverage at 90% or above	47%	11%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%	
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	14 years	DTaPHibIPV	3, 5, 12 months
DTaPIPv	7 years	HepB	birth; 1, 6 months; defined risk groups
IPV	6-8, 14 years	MMR	15 months; 12 years
Td	11 years		

2004

Births.....	136,000
Surviving infants	133,000
Total population.....	3,587,000
Infant mortality rate (per 1,000 live births)	22
Under-five mortality rate (per 1,000 live births)	24
Gross national income per capita (US\$).....	1,110
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	99%	96%	97%	92%	...	...
DTP1	97%	98%	98%	98%	97%	...	...
DTP3	96%	98%	97%	97%	93%	...	...
HepB3	96%	98%	92%	93%	95%	...	...
MCV	96%	99%	94%	98%	93%	...	...
Pol3	96%	98%	97%	97%	...	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	15	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	100%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth	DTwP	2, 4, 6, 12 months
HepB	birth; 1, 6 months	Measles	9 months
OPV	2, 4, 6, 12 months; 6 years	TT	1st pregnancy; 2 doses (4-week interval); 2nd pregnancy; 1 dose

2004

Births.....	64,000
Surviving infants	63,000
Total population.....	2,534,000
Infant mortality rate (per 1,000 live births)	10
Under-five mortality rate (per 1,000 live births)	13
Gross national income per capita (US\$)	7,830
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	98%	98%	98%	98%	96%	51%
DTP1	99%	99%	99%	99%	99%	98%	41%
DTP3	99%	99%	99%	99%	99%	98%	18%
HepB3	99%	99%	99%	99%	99%	...	...
MCV	98%	98%	99%	99%	99%	98%	22%
PoI3	99%	99%	99%	99%	99%	98%	18%
Hib3	99%	99%	97%	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	59	59
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	0%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DT	6 years
DTwP	18 months	DTwPHibHep	6 weeks; 3, 5 months
HepB	birth	Measles	12 months
MMR	18 months	OPV	birth; 6 weeks; 3, 5, 7, 18 months; 6-17 years
TT	pregnant women, and high risk groups	Vitamin A	7, 12 months
Rubella	15-45 years		

2004

Births.....	4,729,000
Surviving infants	4,369,000
Total population.....	154,794,000
Infant mortality rate (per 1,000 live births)	80
Under-five mortality rate (per 1,000 live births)	101
Gross national income per capita (US\$).....	600
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	61

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	80%	82%	82%	67%	67%	80%	6%
DTP1	75%	77%	77%	71%	70%	77%	20%
DTP3	65%	67%	68%	63%	61%	54%	2%
HepB3	65%	63%	...	...	...	...	...
MCV	67%	61%	63%	57%	56%	50%	1%
Pol3	65%	69%	71%	63%	61%	54%	2%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	45%	57%	48%	52%	52%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	120	120	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	18%	18%
	between 50-79%	52%	67%
	at 80% or above	31%	16%
MCV: proportion of districts with coverage at 90% or above	9%	5%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	31%	67%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks	TT	CBAW and 1st contact pregnancy; +1 +6 months; +1 +1 year

2004

Births.....	...
Surviving infants .....	...
Total population.....	20,000
Infant mortality rate (per 1,000 live births)	22
Under-five mortality rate (per 1,000 live births)	27
Gross national income per capita (US\$)	6,870
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	99%	99%	99%	98%	98%	99%	...
DTP3	98%	99%	99%	98%	96%	99%	...
HepB3	98%	99%	99%	97%	96%	...	...
MCV	99%	99%	99%	91%	83%	98%	...
Pol3	98%	99%	99%	98%	96%	99%	...
Hib3	98%	94%	90%	93%	96%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	1	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaP	4, 6, 15-18 months; 4-6 years	DTwP	6 weeks
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	1 dose	MMR	12, 15 months
Td	1, 6 months; 10 years		

2004

Births.....	70,000
Surviving infants	69,000
Total population.....	3,175,000
Infant mortality rate (per 1,000 live births)	19
Under-five mortality rate (per 1,000 live births)	24
Gross national income per capita (US\$).....	4,450
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	87%	92%	99%	99%	97%	68%
DTP1	99%	92%	96%	99%	99%	95%	72%
DTP3	99%	86%	89%	99%	98%	86%	47%
HepB3	99%	86%	87%	40%	...	...	...
MCV	99%	83%	79%	95%	97%	73%	71%
Pol3	99%	83%	85%	95%	99%	86%	44%
Hib3	99%	86%	87%	40%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	76	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	4% 38%
	at 80% or above	96% 62%
MCV: proportion of districts with coverage at 90% or above	82%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	70%	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	4-5 years
DTwPHibHep	2, 4, 6 months	HepB	birth; 2, 4, 6 months
Measles	9 months	MMR	15-18 months
MR	15-49 years	OPV	birth; 2, 4, 6, 18 months; 4-5 years
Td	6 years and 2 doses at school, CBAW and others	Yellow Fever	1, 10 years; 3 areas at high-risk

Papua New Guinea

2004

Births.....	176,000
Surviving infants	164,000
Total population.....	5,772,000
Infant mortality rate (per 1,000 live births)	68
Under-five mortality rate (per 1,000 live births)	93
Gross national income per capita (US\$)	580
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	54%	60%	60%	63%	70%	89%	62%
DTP1	60%	69%	72%	67%	80%	86%	57%
DTP3	46%	54%	49%	48%	57%	67%	32%
HepB3	45%	53%	50%	36%	55%	20%	...
MCV	44%	49%	56%	49%	68%	67%	...
Pol3	36%	41%	38%	28%	46%	67%	29%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	10%	29%	34%	34%	34%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	89	89	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	63%	53%
	between 50-79%	30%	33%
	at 80% or above	7%	15%
MCV: proportion of districts with coverage at 90% or above	2%	4%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	27%	26%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	25%	

Immunization schedule

BCG	birth	DTwP	1, 2, 3 months
HepB	birth; 1, 2 months	Measles	6, 9 months
OPV	birth; 1, 2, 3 months	TT	7, 13 years; pregnancy
Vitamin A	6, 12 months		

2004

Births.....	175,000
Surviving infants	169,000
Total population.....	6,017,000
Infant mortality rate (per 1,000 live births)	21
Under-five mortality rate (per 1,000 live births)	24
Gross national income per capita (US\$).....	1,170
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	98

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	82%	78%	73%	76%	69%	75%	31%
DTP1	91%	90%	91%	91%	87%	86%	40%
DTP3	76%	74%	75%	77%	68%	67%	17%
HepB3	76%	74%	...	...	...	...	...
MCV	89%	91%	86%	90%	92%	69%	19%
Pol3	75%	73%	74%	77%	60%	64%	14%
Hib3	76%	74%	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	231	230	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	3%	2%
	between 50-79%	25%	26%
	at 80% or above	72%	73%
MCV: proportion of districts with coverage at 90% or above	58%	63%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	86%	73%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	18 months; 4 years
DTwPHibHep	2, 4, 6 months	MenAC	1 dose high-risk groups
MMR	1, 4 years	OPV	2, 4, 6, 18 months; 4 years
Td	CBAW and 1st contact pregnancy; +1 +6 months; +1 +1 year	Yellow Fever	<1 year; high-risk (border and travellers)

2004

Births.....	627,000
Surviving infants	608,000
Total population.....	27,562,000
Infant mortality rate (per 1,000 live births)	24
Under-five mortality rate (per 1,000 live births)	29
Gross national income per capita (US\$)	2,360
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	91%	94%	92%	88%	93%	83%	57%
DTP1	95%	96%	96%	95%	97%	89%	39%
DTP3	87%	89%	89%	85%	91%	72%	16%
HepB3	87%	60%	...	...	...	...	...
MCV	89%	95%	95%	97%	97%	64%	23%
PoI3	87%	89%	90%	88%	89%	73%	16%
Hib3	91%	36%	35%	33%	38%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	1829	1828
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 10%
	between 50-79%	8% 27%
	at 80% or above	92% 64%
MCV: proportion of districts with coverage at 90% or above	80%	57%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	60%	93%
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

BCG	birth	DT	3, 4 months; National ESAVI
HepB	birth; 2, 4 months	Hib	3 months
MMR	1 year	MR	CBAW (16-20 years) and 1st contact pregnancy
OPV	2, 3, 4 months	Td	CBAW and 1st contact pregnancy; +1 +6 months; +1 +2 years
DTwPHibHep	2, 4 months (subnational)		

2004

Births.....	2,026,000
Surviving infants	1,972,000
Total population.....	81,617,000
Infant mortality rate (per 1,000 live births)	26
Under-five mortality rate (per 1,000 live births)	34
Gross national income per capita (US\$).....	1,170
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	91%	91%	91%	92%	91%	96%	56%
DTP1	90%	90%	90%	92%	90%	96%	72%
DTP3	79%	79%	79%	81%	80%	88%	47%
HepB3	40%	40%	40%	80%	35%	...	...
MCV	80%	80%	80%	80%	81%	85%	...
Pol3	80%	80%	80%	78%	77%	88%	50%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	70%	70%	70%	70%	70%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	189	191	
Percentage of districts reporting	100%	73%	
DTP3: proportion of districts with coverage	below 50%	0%	12%
	between 50-79%	50%	40%
	at 80% or above	50%	20%
MCV: proportion of districts with coverage at 90% or above	29%	13%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	90%	100%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTaP	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9 months
OPV	6, 10, 14 weeks	TT	CBAW and 1st contact pregnancy; +1 +6 months
Vitamin A	6, 12, 18, 24, 30, 36 months; 6-71 months		

2004

Births.....	365,000
Surviving infants	362,000
Total population.....	38,559,000
Infant mortality rate (per 1,000 live births)	7
Under-five mortality rate (per 1,000 live births)	8
Gross national income per capita (US\$)	6,090
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	94%	94%	95%	95%	96%	97%	93%
DTP1	99%	99%	99%	98%	98%	98%	98%
DTP3	99%	99%	99%	98%	98%	96%	96%
HepB3	98%	97%	98%	95%	99%	...	...
MCV	97%	97%	98%	97%	97%	95%	92%
Pol3	98%	98%	98%	98%	98%	96%	96%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	379	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	...	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 12 months (only if no scar developed); 7-12 years	DTaP	6 years
DTwP	2, 3-4, 5, 16-18 months	HepB	birth; 2, 6-7 months; also 14 years, +1, +6 months for unvaccinated
IPV	3-4, 5, 16-18 months	Measles	7 years
MMR	13-14 months	OPV	6 years
Rubella	13 years; female	Td	14, 19 years
		Hib	2, 3, 4, 16-18 months; (only orphanages)

2004

Births.....	112,000
Surviving infants	111,000
Total population.....	10,441,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$).....	14,350
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	83%	81%	81%	82%	82%	88%	...
DTP1	98%	99%	98%	98%	99%	96%	90%
DTP3	95%	99%	98%	97%	96%	89%	73%
HepB3	94%	94%	82%	70%	58%	...	...
MCV	95%	96%	93%	90%	87%	85%	54%
Pol3	95%	96%	96%	96%	96%	89%	18%
Hib3	95%	99%	94%	90%	86%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	20	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	80%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	5-6 years
DTwPHib	2, 4, 6, 18 months	HepB	2, 6 months
IPV	2, 4, 6 months 5-6 years; when OPV is contraindicated; travellers	MMR	15 months; 5-6 years
OPV	2, 4, 6 months; 5-6 years	Td	10-13 years; every 10 years

2004

Births.....	14,000
Surviving infants	14,000
Total population.....	777,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	21
Gross national income per capita (US\$)	12,000
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	97%	4%
DTP1	99%	96%	96%	95%	92%	94%	82%
DTP3	96%	92%	96%	94%	80%	82%	61%
HepB3	97%	98%	98%	99%	90%	...	...
MCV	99%	93%	99%	92%	91%	79%	26%
PoI3	95%	93%	96%	93%	91%	82%	61%
Hib3	96%	96%	96%	94%	92%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	...	24	
Percentage of districts reporting	...	100%	
DTP3: proportion of districts with coverage	below 50%	...	0%
	between 50-79%	...	0%
	at 80% or above	...	100%
MCV: proportion of districts with coverage at 90% or above	...	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%	

Immunization schedule

BCG	birth	DT	4-6 years
DTwPHib	2, 4, 6, 18 months; split acellular pertussis	HepB	birth; 2, 6 months
MMR	12 months; 4-6 years; screening 11-13-year-old girls for vaccine documentation	OPV	2, 4, 6, 18 months; 4-6 years
Td	13-16 years	Yellow Fever	travellers (subnational)

2004

Births.....	213,000
Surviving infants	209,000
Total population.....	21,790,000
Infant mortality rate (per 1,000 live births)	17
Under-five mortality rate (per 1,000 live births)	20
Gross national income per capita (US\$).....	2,920
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	90%	...
DTP1	98%	98%	98%	99%	99%	98%	...
DTP3	97%	97%	98%	99%	99%	96%	...
HepB3	99%	98%	99%	98%	98%	...	...
MCV	97%	97%	98%	98%	98%	92%	...
Pol3	97%	97%	98%	99%	99%	92%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	42	42	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	98%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DT	7, 14 years
DTwP	4, 12, 30-35 months	DTwPHep	2, 6 months
HepB	birth; 2, 6 months with DTP, plus 18 years	Measles	7 years
MMR	12-15 months	OPV	2, 4, 6 months; 9 years
HepA	High-risk groups (subnational)	Td	24 years; every 10 years after age 24

Russian Federation

2004

Births.....	1,511,000
Surviving infants	1,486,000
Total population.....	143,899,000
Infant mortality rate (per 1,000 live births)	17
Under-five mortality rate (per 1,000 live births)	21
Gross national income per capita (US\$)	3,410
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	96%	97%	97%	97%	96%	...	...
DTP1	98%	98%	98%	98%	97%	...	...
DTP3	97%	98%	96%	96%	95%	...	...
HepB3	96%	94%	82%	...	...	...	...
MCV	98%	96%	98%	98%	97%	...	...
PoI3	98%	97%	97%	97%	97%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	89	89	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	1%	1%
	between 50-79%	6%	2%
	at 80% or above	93%	98%
MCV: proportion of districts with coverage at 90% or above	99%	97%	
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 7-14 years	DTwP	3, 4.5, 6, 18 months
HepB	birth; 1, 6 months; given to medical workers and students	Measles	12 months; 6 years
MM	12 months; 6 years	Mumps	12 months; 6 years
OPV	3, 4.5, 6, 18, 20 months; 14 years	Td	14 years; and every 10 years

2004

Births.....	365,000
Surviving infants	323,000
Total population.....	8,882,000
Infant mortality rate (per 1,000 live births)	118
Under-five mortality rate (per 1,000 live births)	203
Gross national income per capita (US\$).....	220
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	50

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	86%	88%	99%	74%	81%	92%	...
DTP1	94%	97%	95%	91%	93%	94%	...
DTP3	89%	96%	88%	77%	90%	84%	...
HepB3	89%	96%	88%	...	...	...	...
MCV	84%	90%	69%	69%	74%	83%	...
Pol3	89%	96%	85%	76%	90%	83%	...
Hib3	89%	96%	88%	...	...	...	...
TT2+ (protected at birth)	76%	76%	76%	76%	76%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	39	39	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	21%	33%
	at 80% or above	79%	67%
MCV: proportion of districts with coverage at 90% or above	44%	26%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	90%	92%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwPHibHep	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1; +6 months; +1, +1 year		

Saint Kitts and Nevis

2004

Births.....	1,000
Surviving infants .....	...
Total population.....	42,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	21
Gross national income per capita (US\$)	7,600
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	97

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	89%	99%	99%	95%	99%	80%	...
DTP1	87%	94%	96%	95%	99%	99%	79%
DTP3	96%	99%	97%	99%	99%	99%	56%
HepB3	96%	99%	96%	99%	99%	...	...
MCV	98%	98%	99%	90%	99%	99%	...
PoI3	96%	99%	97%	99%	99%	99%	76%
Hib3	95%	99%	95%	99%	12%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	17	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	100%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth-4 weeks	DT	>5 years
DTwP	3, 4, 5, 18 months; 4-5 years	DTwPHibHep	2, 4, 6 months
HepB	11, +11, +11 years; all health-care workers	MMR	1, 2-5 years
OPV	2, 4, 6, 18 months; 4-5, 11 years	Td	11, 16 years; adults every 5 years
		Yellow Fever	travellers to countries where yellow fever is endemic

2004

Births.....	3,000
Surviving infants	3,000
Total population.....	159,000
Infant mortality rate (per 1,000 live births)	13
Under-five mortality rate (per 1,000 live births)	14
Gross national income per capita (US\$).....	4,310
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	95%	95%	99%	91%	94%	27%
DTP1	99%	90%	96%	99%	76%	96%	79%
DTP3	91%	90%	88%	95%	70%	89%	56%
HepB3	91%	84%	14%	...	...	...	...
MCV	95%	90%	98%	89%	88%	82%	...
Pol3	91%	91%	90%	96%	70%	90%	58%
Hib3	91%	84%	14%	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	8	8	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	13%	50%
	at 80% or above	88%	50%
MCV: proportion of districts with coverage at 90% or above	75%	63%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	13%	100%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%	

Immunization schedule

BCG	6 weeks	DT	4-5 years
DTwP	19 months	DTwPHibHep	3, 5, 7 months
Measles	2 years	MMR	1 year
MR	11-12 years	OPV	3, 5, 7, 19 months; 4-11, 11 years
Td	11 years		

Saint Vincent and the Grenadines

2004

Births.....	2,000
Surviving infants	2,000
Total population.....	118,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	22
Gross national income per capita (US\$)	3,650
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	87%	91%	99%	99%	99%	...
DTP1	99%	99%	99%	99%	99%	98%	51%
DTP3	99%	99%	99%	99%	99%	98%	26%
HepB3	99%	31%	...	...	...	...	...
MCV	99%	94%	99%	98%	96%	96%	...
PoI3	99%	99%	99%	99%	99%	92%	26%
Hib3	99%	27%	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	9	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	11%
	at 80% or above	89%
MCV: proportion of districts with coverage at 90% or above	78%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	birth	DTPHibHep	2, 4, 6 months
DTwP	18 months	IPV	2, 4, 6, 18, 48-60 months
Measles	1, 4-5 years	MMR	1, 4-5 years
OPV	2, 4, 6, 18, 48-60 months		

2004

Births.....	5,000
Surviving infants	5,000
Total population.....	184,000
Infant mortality rate (per 1,000 live births)	25
Under-five mortality rate (per 1,000 live births)	30
Gross national income per capita (US\$).....	1,860
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	93%	73%	98%	98%	97%	97%	72%
DTP1	90%	97%	99%	96%	99%	96%	54%
DTP3	68%	94%	96%	93%	99%	90%	29%
HepB3	70%	97%	98%	98%	96%	...	...
MCV	25%	99%	99%	92%	93%	89%	...
Pol3	41%	95%	96%	92%	99%	88%	29%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	16	14	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	19%	0%
	between 50-79%	56%	0%
	at 80% or above	25%	100%
MCV: proportion of districts with coverage at 90% or above	19%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	31%	50%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DT	5 years; school entrants
DTwP	6, 10, 14 weeks	HepB	birth; 6, 14 weeks
MR	12 months	OPV	6, 10, 14 weeks; 5 years
TT	7th, 8th month pregnancy; +6 weeks post natal		

2004

Births.....	...
Surviving infants .....	...
Total population.....	28,000
Infant mortality rate (per 1,000 live births)	3
Under-five mortality rate (per 1,000 live births)	4
Gross national income per capita (US\$) .....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	95%	98%	98%	98%	97%	99%	...
DTP3	98%	96%	96%	96%	96%	99%	...
HepB3	97%	96%	95%	94%	94%	...	...
MCV	98%	91%	85%	80%	74%	...	...
PoI3	98%	96%	96%	96%	96%	99%	...
Hib3	98%	96%	95%	93%	92%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	...	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	0%

Immunization schedule

DT	15-16 years	DTaPHibHepIPV	2-3, 5-6, 11-12 months
DTwP	5-6 years	IPV	2-3 years
MMR	15-16 months; 5-6 years		

2004

Births.....	5,000
Surviving infants	5,000
Total population.....	153,000
Infant mortality rate (per 1,000 live births)	75
Under-five mortality rate (per 1,000 live births)	118
Gross national income per capita (US\$).....	370
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	92%	81%	99%	...
DTP1	99%	97%	94%	97%	94%	97%	...
DTP3	99%	94%	92%	92%	82%	92%	...
HepB3	99%	43%	...	...	...	...	...
MCV	91%	87%	85%	75%	69%	71%	...
Pol3	99%	94%	92%	87%	87%	90%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	7	7	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	14%	29%
	at 80% or above	86%	71%
MCV: proportion of districts with coverage at 90% or above	29%	57%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	86%	100%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks; 17 months
HepB	6, 10, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks	TT	pregnant women 1st, 2nd visit
Vitamin A	6, 18, 24, 30, 36, 42 months	Yellow Fever	9 months

2004

Births.....	665,000
Surviving infants	651,000
Total population.....	23,950,000
Infant mortality rate (per 1,000 live births)	21
Under-five mortality rate (per 1,000 live births)	27
Gross national income per capita (US\$)	10,430
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	94%	98%	94%	94%	90%	33%
DTP1	96%	96%	97%	99%	98%	97%	66%
DTP3	96%	95%	95%	97%	95%	92%	41%
HepB3	96%	95%	97%	95%	93%	66%	...
MCV	97%	96%	97%	94%	94%	88%	8%
PoI3	96%	95%	95%	97%	95%	92%	50%
Hib3	96%	95%	91%	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	20	20
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwPHib	2, 4, 6, 18 months
HepB	birth; 2, 6 months	MMR	1, 4-6 years
OPV	2, 4, 6, 18 months; 4-6 years		

2004

Births.....	419,000
Surviving infants	385,000
Total population.....	11,386,000
Infant mortality rate (per 1,000 live births)	78
Under-five mortality rate (per 1,000 live births)	137
Gross national income per capita (US\$).....	670
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	70

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	77%	70%	89%	89%	90%	...
DTP1	95%	81%	70%	79%	79%	75%	...
DTP3	87%	73%	60%	52%	52%	51%	...
HepB3	54%	...	...	...	...	...	...
MCV	57%	60%	54%	48%	48%	51%	...
Pol3	87%	73%	60%	49%	49%	53%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	85%	83%	80%	78%	75%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	52	50	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	6%
	between 50-79%	31%	70%
	at 80% or above	69%	24%
MCV: proportion of districts with coverage at 90% or above	2%	2%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	63%	52%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9 months
OPV	birth; 6, 10, 14 weeks	TT	pregnant women; +1; +6 months; +1, +1 year
Yellow Fever	9 months		

Serbia and Montenegro

2004

Births.....	122,000
Surviving infants	120,000
Total population.....	10,510,000
Infant mortality rate (per 1,000 live births)	13
Under-five mortality rate (per 1,000 live births)	15
Gross national income per capita (US\$)	2,620
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	25

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	97%	94%	95%	97%	99%	...	...
DTP1	96%	96%	98%	97%	98%	...	...
DTP3	97%	89%	95%	93%	95%	...	...
HepB3	89%	...	...	...	...	...	...
MCV	96%	87%	92%	90%	89%	...	...
PoI3	96%	89%	95%	93%	98%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	25	160	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	1%
	at 80% or above	100%	99%
MCV: proportion of districts with coverage at 90% or above	100%	93%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	96%	...	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DT	6 years
DTwP	8, 16, 22 weeks; 15 months	MMR	12 months; 12 years
OPV	8, 16, 22 weeks; 15 months; 6, 14 years	Td	14 years
TT	18 years		

2004

Births.....	3,000
Surviving infants .....	...
Total population.....	80,000
Infant mortality rate (per 1,000 live births)	12
Under-five mortality rate (per 1,000 live births)	14
Gross national income per capita (US\$).....	8,090
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	98%	...
DTP1	99%	99%	99%	99%	98%	99%	...
DTP3	99%	99%	99%	96%	98%	99%	...
HepB3	99%	99%	98%	97%	97%	...	...
MCV	99%	99%	98%	95%	97%	86%	...
Pol3	99%	99%	99%	96%	98%	99%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	16	16	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 6 years	DT	6 years
DTwP	3, 4, 5, 18 months	HepB	3, 4, 9 months
MMR	15 months; 6 years	OPV	3, 4, 5, 18 months; 6, 15 years
TT	15 years; >25 years	Yellow Fever	12 months

2004

Births.....	245,000
Surviving infants	205,000
Total population.....	5,336,000
Infant mortality rate (per 1,000 live births)	165
Under-five mortality rate (per 1,000 live births)	283
Gross national income per capita (US\$)	200
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	83%	87%	75%	63%	74%	...	...
DTP1	77%	87%	87%	58%	64%	...	...
DTP3	61%	70%	52%	38%	44%	...	...
HepB3	...	...	...	...	...	...	...
MCV	64%	73%	62%	50%	37%	...	...
PoI3	61%	60%	52%	38%	46%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	76%	62%	60%	58%	58%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	13	13	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	38%	31%
	between 50-79%	46%	54%
	at 80% or above	15%	15%
MCV: proportion of districts with coverage at 90% or above	15%	23%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	15%	8%	
Supply: any vaccine supply interruption?	No	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW (15-49 years) and 1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, 9 months
Yellow Fever	9 months		

2004

Births.....	40,000
Surviving infants	40,000
Total population.....	4,273,000
Infant mortality rate (per 1,000 live births)	3
Under-five mortality rate (per 1,000 live births)	3
Gross national income per capita (US\$).....	24,220
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	98%	99%	85%
DTP1	95%	95%	94%	95%	95%	95%	94%
DTP3	94%	96%	95%	96%	95%	85%	84%
HepB3	93%	95%	96%	96%	94%	74%	...
MCV	94%	92%	95%	94%	94%	84%	47%
Pol3	94%	95%	95%	96%	95%	85%	83%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 6 years	DTwP	3, 4, 5, 18 months
HepB	birth; 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		

2004

Births.....	51,000
Surviving infants	51,000
Total population.....	5,401,000
Infant mortality rate (per 1,000 live births)	6
Under-five mortality rate (per 1,000 live births)	9
Gross national income per capita (US\$)	6,480
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	80

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	93%	94%	...	...
DTP1	99%	99%	99%	99%	99%	...	...
DTP3	99%	99%	99%	99%	99%	...	...
HepB3	99%	99%	99%	99%	99%	...	...
MCV	98%	99%	99%	99%	98%	...	...
PoI3	99%	98%	98%	99%	98%	...	...
Hib3	99%	99%	92%	99%	78%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	79	79
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	No	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	3 days; 10 years	DTwP	2, 5 years
DTwPHib	9, 15-19 weeks; 9-13 months	HepB	9, 15-19 weeks; 9-13 months
MMR	14 months; 11 years	OPV	9 weeks; 4, 16, 18 months; 11 years
Td	13 years	IPV	9 weeks; 4, 16, 18 months; 11 years; OPV contraindications
HepA	2 years; high-risk groups		

2004

Births.....	17,000
Surviving infants	17,000
Total population.....	1,967,000
Infant mortality rate (per 1,000 live births)	4
Under-five mortality rate (per 1,000 live births)	4
Gross national income per capita (US\$).....	14,810
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	98%	98%	...	...
DTP1	97%	97%	97%	96%	97%	...	...
DTP3	92%	92%	92%	92%	92%	...	...
HepB3	...	...	...	...	...	...	...
MCV	94%	94%	94%	94%	94%	...	...
Pol3	93%	93%	93%	93%	93%	...	...
Hib3	93%	93%	93%	93%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	9	9
Percentage of districts reporting	0%	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwPHibIPV	3, 4.5, 6, 18 months
HepB	6 (2 doses), 7 years; and risk groups	MMR	12 months; 6 years
OPV	3, 4.5, 6, 18 months; 9, 13 years	Td	9 years; and risk groups
TT	18 years; and risk groups		

Solomon Islands

2004

Births.....	15,000
Surviving infants	15,000
Total population.....	466,000
Infant mortality rate (per 1,000 live births)	34
Under-five mortality rate (per 1,000 live births)	56
Gross national income per capita (US\$)	550
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	84%	80%	76%	86%	92%	87%	65%
DTP1	82%	80%	79%	84%	94%	91%	71%
DTP3	80%	76%	71%	78%	82%	77%	46%
HepB3	72%	70%	68%	78%	77%	...	...
MCV	72%	70%	67%	78%	87%	70%	...
PoI3	75%	72%	68%	80%	82%	75%	43%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	10	...
Percentage of districts reporting	90%	...
DTP3: proportion of districts with coverage	below 50%	... 20%
	between 50-79%	... 40%
	at 80% or above	... 40%
MCV: proportion of districts with coverage at 90% or above	...	0%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	60%
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTaP	2, 4, 6 months
HepB	birth; 2, 4 months	Measles	9 months
OPV	2, 4, 6 months; 5 years	TT	5, 24, 28 years

2004

Births.....	359,000
Surviving infants	315,000
Total population.....	7,964,000
Infant mortality rate (per 1,000 live births)	133
Under-five mortality rate (per 1,000 live births)	225
Gross national income per capita (US\$).....	130
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	50%	65%	60%	70%	69%	31%	6%
DTP1	50%	65%	60%	57%	57%	42%	...
DTP3	30%	40%	40%	33%	33%	19%	...
HepB3	...	...	...	...	...	...	...
MCV	40%	40%	45%	36%	38%	30%	9%
Pol3	30%	40%	40%	33%	37%	18%	8%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	60%	65%	60%	39%	22%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	113	74
Percentage of districts reporting	...	88%
DTP3: proportion of districts with coverage	below 50%	98%
	between 50-79%	1%
	at 80% or above	1%
MCV: proportion of districts with coverage at 90% or above	1%	1%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	0%	19%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year;	Vitamin A	6-59 months, 2 doses a year

South Africa

2004

Births.....	1,093,000
Surviving infants	1,047,000
Total population.....	47,208,000
Infant mortality rate (per 1,000 live births)	54
Under-five mortality rate (per 1,000 live births)	67
Gross national income per capita (US\$)	3,630
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	97%	97%	94%	87%	99%	57%	...
DTP1	99%	99%	88%	87%	92%	89%	...
DTP3	93%	94%	82%	81%	79%	72%	...
HepB3	92%	94%	83%	80%	88%	...	...
MCV	81%	83%	78%	72%	77%	79%	...
PoI3	94%	94%	84%	80%	76%	76%	...
Hib3	92%	94%	76%	78%	88%	...	...
TT2+ (protected at birth)	61%	52%	52%	60%	60%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	53	53
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 6%
	between 50-79%	9% 38%
	at 80% or above	91% 57%
MCV: proportion of districts with coverage at 90% or above	21%	19%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	85%	81%
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DT	5 years
DTwP	18 months	DTwPHib	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9, 18 months
OPV	birth; 6, 10, 14 weeks; 18 months; 5 years	TT	antenatal and trauma
Vitamin A	post-partum and every 5-6 months		

2004

Births.....	447,000
Surviving infants	445,000
Total population.....	42,646,000
Infant mortality rate (per 1,000 live births)	3
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$).....	21,210
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	98%	98%	98%	98%	98%	97%	...
DTP3	96%	98%	96%	96%	95%	93%	...
HepB3	97%	83%	82%	81%	80%	...	...
MCV	97%	97%	97%	96%	94%	97%	...
Pol3	97%	98%	96%	96%	95%	94%	...
Hib3	96%	98%	92%	92%	92%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	19	19	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	89%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...	
Supply: any vaccine supply interruption?	No	...	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...	

Immunization schedule

DT	4-6 years	DTaP	4-6 years
DTaPHib	2, 4, 6, 15-18 months	HepB	birth; 1, 6 months; or 2, 4, 6 months
Influenza	>65 years; high-risk groups	MenC_conj	2, 4, 6 months
MMR	12-15 months; 3-6 years	Pneumo_conj	high-risk groups
Pneumo_ps	high-risk groups	Td	14-16 years

2004

Births.....	330,000
Surviving infants	325,000
Total population.....	20,570,000
Infant mortality rate (per 1,000 live births)	12
Under-five mortality rate (per 1,000 live births)	14
Gross national income per capita (US\$)	1,010
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	69

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	84%	61%
DTP1	98%	99%	99%	99%	99%	95%	71%
DTP3	97%	99%	98%	99%	99%	86%	46%
HepB3	85%	...	...	...	...	...	...
MCV	96%	99%	99%	99%	99%	80%	...
Pol3	97%	98%	98%	99%	99%	86%	46%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	26	25
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DT	5 years
DTwP	2, 4, 6, 18 months	Measles	9 months
MR	3 years	OPV	2, 4, 6, 18 months; 5 years
Rubella	8 years	TT	2 doses 6 weeks apart in 1st pregnancy and 3 doses in subsequent pregnancies
Td	12 years; school-based dose	JE	12, 13, 24 months (subnational)

2004

Births.....	1,163,000
Surviving infants	1,082,000
Total population.....	35,523,000
Infant mortality rate (per 1,000 live births)	63
Under-five mortality rate (per 1,000 live births)	91
Gross national income per capita (US\$).....	530
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	51%	53%	48%	51%	46%	77%	2%
DTP1	79%	74%	65%	71%	66%	83%	18%
DTP3	55%	50%	40%	46%	41%	62%	1%
HepB3	...	...	...	...	...	...	...
MCV	59%	57%	49%	67%	47%	57%	...
Pol3	55%	50%	40%	47%	41%	62%	1%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	37%	35%	35%	37%	34%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	134	134	
Percentage of districts reporting	83%	83%	
DTP3: proportion of districts with coverage	below 50%	14%	22%
	between 50-79%	19%	19%
	at 80% or above	49%	41%
MCV: proportion of districts with coverage at 90% or above	19%	16%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	60%	46%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year		

2004

Births.....	9,000
Surviving infants	9,000
Total population.....	446,000
Infant mortality rate (per 1,000 live births)	30
Under-five mortality rate (per 1,000 live births)	39
Gross national income per capita (US\$)	2,250
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	92%	81%	86%	90%	88%	94%	50%
DTP3	85%	80%	73%	68%	71%	83%	25%
HepB3	...	...	...	...	...	...	...
MCV	86%	71%	73%	82%	79%	65%	1%
PoI3	84%	80%	74%	65%	70%	81%	20%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	10	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	10%
	at 80% or above	90%
MCV: proportion of districts with coverage at 90% or above	10%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	Yes	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

DT	3, 4, 5, 12 months; 5-6, 15 years	DTwP	3, 4, 5, 12 months; 5-6 years
MMR	1 year	OPV	3, 4, 5 months; 1, 5 years
Td	12 years	Yellow Fever	1 year; high risk (subnational)

2004

Births.....	30,000
Surviving infants	28,000
Total population.....	1,034,000
Infant mortality rate (per 1,000 live births)	108
Under-five mortality rate (per 1,000 live births)	156
Gross national income per capita (US\$).....	1,660
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	84%	97%	97%	95%	90%	96%	...
DTP1	94%	96%	98%	88%	91%	96%	...
DTP3	83%	95%	95%	77%	77%	89%	...
HepB3	78%	95%	95%	78%	76%	...	...
MCV	70%	94%	94%	72%	72%	85%	...
Pol3	82%	95%	95%	76%	76%	89%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	4	4	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	50%
	at 80% or above	100%	50%
MCV: proportion of districts with coverage at 90% or above	0%	0%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	75%	50%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks; 18 months; 5 years
HepB	10, 14 weeks	Measles	9, 18 months
OPV	birth; 6, 10, 14 weeks; 18 months; 5 years	TT	CBAW and 1st contact pregnancy; +4 weeks; +6 months; +1, +1 year
Vitamin A	6, 12, 18, 24, 30, 36 months		

2004

Births.....	95,000
Surviving infants	95,000
Total population.....	9,008,000
Infant mortality rate (per 1,000 live births)	3
Under-five mortality rate (per 1,000 live births)	4
Gross national income per capita (US\$)	35,770
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	16%	16%	16%	16%	16%	13%	3%
DTP1	99%	98%	98%	98%	98%	99%	99%
DTP3	99%	98%	98%	98%	98%	99%	99%
HepB3	...	...	...	...	...	...	...
MCV	94%	94%	94%	94%	91%	96%	88%
Pol3	99%	99%	99%	99%	99%	99%	99%
Hib3	98%	98%	98%	99%	98%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	290	...
Percentage of districts reporting	98%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	98%
MCV: proportion of districts with coverage at 90% or above	90%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	6 months high-risk groups	DT	10 years
DTaPHibIPV	3, 5, 12 months	MMR	18 months; 12 years

2004

Births.....	68,000
Surviving infants	68,000
Total population.....	7,240,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	5
Gross national income per capita (US\$).....	48,230
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	98%	98%	98%	98%	98%	96%	...
DTP3	95%	95%	95%	95%	95%	90%	...
HepB3	...	...	...	...	...	...	...
MCV	82%	82%	79%	80%	80%	90%	...
Pol3	95%	95%	94%	95%	95%	98%	...
Hib3	91%	91%	90%	77%	77%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	26	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	...	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	<1 year; high-risk groups only	DTaPHibIPV	2, 4, 6, 15-24 months
DTaPIPV	4-7 years	HepB	11-15 years; +1, +6 months; and risk groups
MMR	12, 15-24 months	Td	11-15 years; every 10 years

Syrian Arab Republic

2004

Births.....	526,000
Surviving infants	517,000
Total population.....	18,582,000
Infant mortality rate (per 1,000 live births)	15
Under-five mortality rate (per 1,000 live births)	16
Gross national income per capita (US\$)	1,190
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	92%	35%
DTP1	99%	99%	99%	97%	97%	97%	35%
DTP3	99%	99%	99%	92%	94%	91%	13%
HepB3	99%	98%	98%	89%	90%	...	...
MCV	98%	98%	98%	93%	96%	87%	13%
PoI3	99%	99%	99%	92%	94%	90%	13%
Hib3	99%	99%	99%	95%	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	71	71
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	1% 0%
	between 50-79%	10% 0%
	at 80% or above	89% 100%
MCV: proportion of districts with coverage at 90% or above	56%	100%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	80%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DT	6 years
DTwP	18 months	DTwPHib	3, 4, 5 months
HepB	birth; 3, 10 months	Measles	10 months
MMR	15 months	OPV	birth; 3, 4, 5, 18 months; 6 years
TT	CBAW (5 doses)	Vitamin A	10 months; post-partum mothers
MenACWY	6 years; high-risk groups		

2004

Births.....	186,000
Surviving infants	169,000
Total population.....	6,430,000
Infant mortality rate (per 1,000 live births)	91
Under-five mortality rate (per 1,000 live births)	118
Gross national income per capita (US\$).....	280
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	2

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	97%	99%	98%	97%	99%	...	...
DTP1	87%	88%	87%	88%	88%	...	...
DTP3	82%	82%	80%	83%	83%	...	...
HepB3	81%	58%	35%	...	...	...	...
MCV	89%	89%	84%	86%	87%	...	...
Pol3	84%	84%	85%	85%	85%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	65	65
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	5%
	at 80% or above	95%
MCV: proportion of districts with coverage at 90% or above	94%	95%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	3-5 days	DT	6 years
DTwP	2, 3, 4, 16-23 months	HepB	birth; 2, 4 months
Measles	12 months; 6 years	OPV	birth; 2, 3, 4, 12 months
Vitamin A	6-59 months (2 doses)		

2004

Births.....	1,403,000
Surviving infants	1,256,000
Total population.....	37,627,000
Infant mortality rate (per 1,000 live births)	78
Under-five mortality rate (per 1,000 live births)	126
Gross national income per capita (US\$)	330
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	23

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	91%	91%	88%	89%	86%	85%	72%
DTP1	99%	99%	96%	95%	92%	92%	81%
DTP3	95%	95%	89%	85%	79%	78%	59%
HepB3	95%	95%	89%	...	...	...	...
MCV	94%	97%	89%	83%	78%	80%	46%
Pol3	95%	97%	91%	62%	64%	78%	57%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	90%	86%	86%	77%	77%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	129	119
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	9% 16%
	at 80% or above	88% 84%
MCV: proportion of districts with coverage at 90% or above	72%	55%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	81%	97%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTwPHep	4, 8, 12 weeks
Measles	9 months	OPV	4, 8, 12 weeks
TT	CBAW (15-49 years) and 1st contact pregnancy; +1 +6 months; +1 +1 year	Vitamin A	9, 15, 21 months

2004

Births.....	1,015,000
Surviving infants	996,000
Total population.....	63,694,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	21
Gross national income per capita (US\$).....	2,540
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	68%
DTP1	99%	99%	98%	98%	98%	97%	73%
DTP3	98%	98%	96%	96%	97%	92%	49%
HepB3	96%	96%	95%	95%	95%	...	...
MCV	96%	96%	94%	94%	94%	80%	...
Pol3	98%	98%	97%	97%	97%	92%	19%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	926	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	2, 4, 6 months; 1.5-2, 4-5 years
HepB	birth; 2, 6 months	Measles	9-12 months
MMR	schoolchildren grade 1	OPV	2, 4, 6 months
Td	schoolchildren grade 6	TT	pregnant women 1st visit; +1, +6 months; +10, +10 years

The former Yugoslav Republic of Macedonia

2004

Births.....	23,000
Surviving infants	23,000
Total population.....	2,030,000
Infant mortality rate (per 1,000 live births)	13
Under-five mortality rate (per 1,000 live births)	14
Gross national income per capita (US\$)	2,350
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	99

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	94%	95%	91%	97%	97%	...	...
DTP1	96%	99%	99%	95%	98%	...	...
DTP3	94%	96%	96%	90%	95%	...	...
HepB3	...	...	...	...	...	...	...
MCV	96%	96%	98%	92%	97%	...	...
PoI3	95%	96%	97%	91%	96%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	31	31
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	97%	97%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	0%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 7, 14 years	DT	6 years
DTwP	4, 5, 6, 18 months; 4 years	HepB	birth; 2, 6 months
JE	1.5-2 years (2 doses); 2.5-3 years; 1-2 weeks apart	MMR	5.5 months; 7 years
OPV	4, 5.5, 7, 20 months; 7, 14 years	Td	7, 14 years
TT	18 years	Rubella	14 years

2004

Births.....	45,000
Surviving infants	41,000
Total population.....	887,000
Infant mortality rate (per 1,000 live births)	64
Under-five mortality rate (per 1,000 live births)	80
Gross national income per capita (US\$).....	550
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	72%	72%	66%	...	...	...	...
DTP1	65%	65%	62%	...	...	...	...
DTP3	57%	57%	44%	...	...	...	...
HepB3	...	...	...	...	...	...	...
MCV	55%	55%	39%	...	...	...	...
Pol3	57%	57%	43%	...	...	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	13	13
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 8%
	between 50-79%	62% 62%
	at 80% or above	38% 31%
MCV: proportion of districts with coverage at 90% or above	15%	15%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	8%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, 12, 18, 24, 30, 36 months

2004

Births.....	233,000
Surviving infants	211,000
Total population.....	5,988,000
Infant mortality rate (per 1,000 live births)	78
Under-five mortality rate (per 1,000 live births)	140
Gross national income per capita (US\$)	380
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	40

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	91%	79%	81%	82%	84%	97%	...
DTP1	83%	83%	75%	77%	80%	90%	...
DTP3	71%	72%	59%	62%	64%	77%	...
HepB3	...	...	...	...	...	...	...
MCV	70%	68%	48%	53%	58%	73%	...
Pol3	71%	72%	58%	60%	63%	76%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	61%	56%	38%	40%	47%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	35	35
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	3% 0%
	between 50-79%	54% 71%
	at 80% or above	43% 29%
MCV: proportion of districts with coverage at 90% or above	23%	14%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	31%	34%
Supply: any vaccine supply interruption?	Yes	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	94%	100%

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	pregnant women and 1st contact pregnancy; +1; +6 months; +1, +1 year	Vitamin A	6, 10, 14 weeks; 9 months
Yellow Fever	9 months		

2004

Births.....	2,000
Surviving infants	2,000
Total population.....	102,000
Infant mortality rate (per 1,000 live births)	20
Under-five mortality rate (per 1,000 live births)	25
Gross national income per capita (US\$).....	1,830
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	91%	99%	99%	99%
DTP1	99%	99%	96%	99%	98%	97%	65%
DTP3	99%	98%	90%	94%	95%	94%	40%
HepB3	99%	93%	95%	96%	97%	94%	...
MCV	99%	99%	90%	93%	95%	86%	...
Pol3	99%	98%	90%	95%	95%	93%	20%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	14	30
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	... 0%
	between 50-79%	... 0%
	at 80% or above	... 100%
MCV: proportion of districts with coverage at 90% or above	... 100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	... 100%	
Supply: any vaccine supply interruption?	Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTwP	6, 12, 18 weeks; 5-6 years; children and high-school graduates
HepB	birth; 6, 14 weeks	MR	1 year; 18 months
OPV	6, 10, 14 weeks	TT	1st contact pregnancy; 4 weeks; 6 months; 5, 6 years; mothers

Trinidad and Tobago

2004

Births.....	19,000
Surviving infants	18,000
Total population.....	1,301,000
Infant mortality rate (per 1,000 live births)	18
Under-five mortality rate (per 1,000 live births)	20
Gross national income per capita (US\$)	8,580
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	91%	93%	90%	91%	90%	94%	51%
DTP3	94%	91%	96%	91%	90%	82%	26%
HepB3	94%	76%	5%	...	...	...	...
MCV	95%	88%	87%	91%	90%	70%	...
PoI3	94%	91%	96%	91%	90%	87%	38%
Hib3	94%	92%	59%	85%	74%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	9	9	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	...	22%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%	

Immunization schedule

DTwP	1, 4 years	DTwPHibHep	3, 4, 5 months
Hib	1 year; defaulter	MMR	1, 4 years
OPV	3, 4, 5, 18 months; 4 years	Td	10 years
Yellow Fever	1, 10 years		

2004

Births.....	166,000
Surviving infants	162,000
Total population.....	9,995,000
Infant mortality rate (per 1,000 live births)	21
Under-five mortality rate (per 1,000 live births)	25
Gross national income per capita (US\$).....	2,630
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	97%	93%	91%	91%	95%	96%	...
DTP1	97%	96%	96%	98%	98%	97%	...
DTP3	97%	95%	96%	98%	96%	93%	...
HepB3	96%	92%	93%	94%	94%	...	...
MCV	95%	90%	94%	92%	95%	93%	...
Pol3	97%	95%	96%	98%	96%	93%	...
Hib3	97%	96%	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	225	225	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	3%
	at 80% or above	100%	97%
MCV: proportion of districts with coverage at 90% or above	88%	72%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	...	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth; 6 years	DTwP	3, 4, 5, 18 months
HepB	3, 4, 9 months	Hib	3, 4, 9 months
Measles	15 months; 6 years	MMR	12 years
OPV	3, 4, 5 months; 6, 12, 18 years	Td	6, 12, 18 years
		MR	12 years

2004

Births.....	1,505,000
Surviving infants	1,445,000
Total population.....	72,220,000
Infant mortality rate (per 1,000 live births)	28
Under-five mortality rate (per 1,000 live births)	32
Gross national income per capita (US\$)	3,750
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	88%	89%	89%	89%	89%	93%	...
DTP1	86%	76%	82%	95%	92%	94%	67%
DTP3	85%	68%	78%	88%	85%	84%	42%
HepB3	77%	68%	72%	77%	71%	...	...
MCV	81%	75%	82%	90%	86%	78%	27%
Pol3	85%	69%	78%	88%	85%	84%	63%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	41%	37%	37%	38%	38%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	81	81
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	1% 6%
	between 50-79%	27% 90%
	at 80% or above	72% 4%
MCV: proportion of districts with coverage at 90% or above	7%	0%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	84%	74%
Supply: any vaccine supply interruption?	No	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	2 months; 6 years	DTwP	2, 3, 4, 16-24 months
HepB	birth; 2, 9 months; and high-risk groups	Measles	9 months; 6 years; and soldiers
OPV	2, 3, 4, 16-24 months; 6 years	Td	6, 13 years; and soldiers
TT	1st contact pregnancy; +1, +6 months; +1, +1 year		

2004

Births.....	107,000
Surviving infants	99,000
Total population.....	4,766,000
Infant mortality rate (per 1,000 live births)	80
Under-five mortality rate (per 1,000 live births)	103
Gross national income per capita (US\$).....	1,340
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	67

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	...	...
DTP1	98%	96%	99%	96%	97%	...	...
DTP3	97%	83%	98%	95%	97%	...	...
HepB3	96%	97%	96%	...	...	...	...
MCV	97%	97%	88%	98%	97%	...	...
Pol3	98%	66%	99%	94%	98%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	61	61
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 23%
	at 80% or above	100% 77%
MCV: proportion of districts with coverage at 90% or above	98%	92%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	72%
Supply: any vaccine supply interruption?	Yes	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	72%	100%

Immunization schedule

BCG	3-5 days; 6-7, 15 years	DT	6 years
DTwP	2, 3, 4, 18 months	HepB	birth; 2, 4 months
Measles	12-15 months; 6 years	Mumps	12-15 months
OPV	3-5 days; 2, 3, 4, 18 months	Td	15, 25 years

2004

Births.....	...
Surviving infants .....	...
Total population.....	10,000
Infant mortality rate (per 1,000 live births)	36
Under-five mortality rate (per 1,000 live births)	51
Gross national income per capita (US\$) .....	...
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	96%	99%
DTP1	99%	97%	99%	99%	80%	99%	61%
DTP3	98%	93%	98%	96%	75%	99%	36%
HepB3	98%	95%	99%	99%	99%	...	...
MCV	98%	95%	99%	99%	81%	95%	...
PoI3	98%	93%	98%	96%	75%	84%	23%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	9	...
Percentage of districts reporting	100%	...
DTP3: proportion of districts with coverage	below 50%	0%
	between 50-79%	0%
	at 80% or above	100%
MCV: proportion of districts with coverage at 90% or above	100%	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization 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	1st contact pregnancy; 4 weeks; 6 months; 1, 1 year

2004

Births.....	1,412,000
Surviving infants	1,299,000
Total population.....	27,821,000
Infant mortality rate (per 1,000 live births)	80
Under-five mortality rate (per 1,000 live births)	138
Gross national income per capita (US\$).....	270
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	7

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	96%	96%	92%	83%	75%	...
DTP1	99%	96%	91%	82%	72%	72%	...
DTP3	87%	81%	72%	61%	58%	45%	...
HepB3	87%	63%	42%	...	...	...	...
MCV	91%	82%	77%	63%	61%	52%	...
Pol3	86%	82%	73%	62%	57%	45%	...
Hib3	87%	63%	42%	...	...	...	...
TT2+ (protected at birth)	53%	48%	50%	45%	42%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	56	56	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	2%	5%
	between 50-79%	34%	41%
	at 80% or above	64%	54%
MCV: proportion of districts with coverage at 90% or above	38%	23%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	30%	32%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwPHibHep	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	CBAW (15-49 years) and 1st contact pregnancy; +1; +6 months; +1, +1 year	Vitamin A	6, 12, 18, 24, 30, 36, 42 months; total 10 doses

2004

Births.....	391,000
Surviving infants	385,000
Total population.....	46,989,000
Infant mortality rate (per 1,000 live births)	14
Under-five mortality rate (per 1,000 live births)	18
Gross national income per capita (US\$)	1,260
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	98%	99%	...	...
DTP1	96%	98%	99%	99%	99%	...	...
DTP3	99%	97%	99%	99%	99%	...	...
HepB3	98%	77%	48%	7%	4%	...	...
MCV	99%	99%	99%	99%	99%	...	...
PoI3	99%	99%	99%	99%	99%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	647	652
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...

Immunization schedule

BCG	3 days; 7, 14 years	DT	6 years
DTaP	3, 4, 5, 18 months	HepB	1 day; 1, 6 months; adult (medical workers)
IPV	3, 4 months	MMR	12-15 months; 6 years; if not contracted by 6 years of age
Mumps	15 years; young men	OPV	5, 18 months; 3, 6, 14 years
Rubella	15 years; girls only	Td	11 years; over 18 years a dose is given every 10 years
TT	60 years; persons older than 60 not vaccinated last 10 years		

2004

Births.....	67,000
Surviving infants	66,000
Total population.....	4,284,000
Infant mortality rate (per 1,000 live births)	7
Under-five mortality rate (per 1,000 live births)	8
Gross national income per capita (US\$).....	18,060
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	98%	98%	96%	15%
DTP1	96%	96%	96%	96%	96%	95%	32%
DTP3	94%	94%	94%	94%	94%	85%	11%
HepB3	92%	92%	92%	92%	92%	...	...
MCV	94%	94%	94%	94%	94%	80%	34%
Pol3	94%	94%	94%	94%	94%	85%	11%
Hib3	94%	94%	94%	92%	92%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	9	9	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at 90% or above	100%	100%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	0%	0%	
Supply: any vaccine supply interruption?	No	No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DT	6 years
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	OPV	2, 4, 6, 18 months
Rubella	12 years; girls	TD	16 years
		Yellow Fever	travellers

2004

Births.....	663,000
Surviving infants	660,000
Total population.....	59,479,000
Infant mortality rate (per 1,000 live births)	5
Under-five mortality rate (per 1,000 live births)	6
Gross national income per capita (US\$)	33,940
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	...

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	96%	97%	97%	97%	97%	94%	66%
DTP3	90%	91%	91%	94%	92%	84%	41%
HepB3	...	...	...	...	...	...	...
MCV	81%	80%	83%	85%	88%	87%	53%
PoI3	91%	91%	91%	94%	92%	92%	81%
Hib3	91%	91%	91%	94%	92%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	50	123	
Percentage of districts reporting	100%	100%	
DTP3: proportion of districts with coverage	below 50%	0%	0%
	between 50-79%	2%	2%
	at 80% or above	98%	98%
MCV: proportion of districts with coverage at 90% or above	10%	4%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	100%	
Supply: any vaccine supply interruption?	No	...	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	3 days; 7, 14 years	DT	6 years
DTaP	3, 4, 5, 18 months	HepB	1 day; 1, 6 months; adult (medical workers)
MMR	12-15 months; 6 years; if not contracted by 6 years of age	OPV	5, 18 months; 3, 6, 14 years
Td	11 years; over 18 years a dose is given every 10 years	TT	60 years; persons older than 60 not vaccinated last 10 years

2004

Births.....	4,134,000
Surviving infants	4,106,000
Total population.....	295,410,000
Infant mortality rate (per 1,000 live births)	7
Under-five mortality rate (per 1,000 live births)	8
Gross national income per capita (US\$).....	41,400
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	56

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	...	...	...	...	...	...	...
DTP1	99%	99%	97%	97%	99%	96%	98%
DTP3	96%	96%	94%	94%	94%	90%	96%
HepB3	92%	92%	88%	89%	90%	...	...
MCV	93%	93%	91%	91%	91%	90%	86%
Pol3	92%	91%	90%	90%	90%	85%	95%
Hib3	94%	94%	93%	93%	93%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	...
Percentage of districts reporting	...	...
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	...
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	...
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

DTaP	2, 4, 6, 15-18 months; 4-6 years	HepB	birth-2 months; 1-4, 6 months; also to high-risk adults
Hib	2, 4, 6, 12-15 months	IPV	2, 4, 6, 12-15 months
MMR	12-15 months; 4-6 years	Td	11-18 years; booster every 10 years

2004

Births.....	57,000
Surviving infants	56,000
Total population.....	3,439,000
Infant mortality rate (per 1,000 live births)	15
Under-five mortality rate (per 1,000 live births)	17
Gross national income per capita (US\$)	3,950
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	56%
DTP1	98%	98%	99%	99%	92%	98%	77%
DTP3	95%	91%	95%	94%	90%	97%	53%
HepB3	94%	91%	95%	94%	92%	...	...
MCV	95%	95%	95%	94%	89%	97%	50%
PoI3	95%	91%	95%	94%	92%	97%	59%
Hib3	94%	91%	95%	90%	88%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	279	266
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	98%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	93%
Supply: any vaccine supply interruption?	...	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	100%

Immunization schedule

BCG	birth	DT	2, 4, 6, 12 months; special groups
DTwP	5 years	DTwPHibHep	2, 4, 6, 12 months
HepB	12 years; +1, +6 months	Hib	2, 4, 6, 12 months; immunocompromised
MMR	12 months; 5 years	OPV	2, 4, 6, 12 months
Td	12 years; (every 10 years)		

2004

Births.....	611,000
Surviving infants	575,000
Total population.....	26,209,000
Infant mortality rate (per 1,000 live births)	57
Under-five mortality rate (per 1,000 live births)	69
Gross national income per capita (US\$).....	460
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	80

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	99%	98%	98%	98%	98%	...	...
DTP1	99%	99%	98%	97%	97%	...	...
DTP3	99%	98%	98%	97%	96%	...	...
HepB3	99%	99%	92%	8%	5%	...	...
MCV	98%	99%	97%	99%	99%	...	...
Pol3	99%	99%	99%	99%	96%	...	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	199	204
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 0%
	between 50-79%	0% 0%
	at 80% or above	100% 100%
MCV: proportion of districts with coverage at 90% or above	100%	100%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	100%	100%
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	3 days; 7, 14 years	DTwP	2, 3, 4, 16 months
HepB	birth; 2, 6 months	Measles	12 months; 6 years
Mumps	16 months	OPV	3 days; 2, 3, 4, 16 months; 7 years
Td	7, 16, 26, 46 years	Vitamin A	6-59 months

2004

Births.....	6,000
Surviving infants	6,000
Total population.....	207,000
Infant mortality rate (per 1,000 live births)	32
Under-five mortality rate (per 1,000 live births)	40
Gross national income per capita (US\$)	1,340
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	63%	63%	86%	90%	99%	96%	...
DTP1	73%	73%	77%	97%	96%	91%	...
DTP3	49%	49%	54%	93%	90%	76%	...
HepB3	56%	56%	54%	69%	75%	...	...
MCV	48%	48%	44%	94%	94%	66%	...
PoI3	53%	53%	53%	87%	87%	78%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	...	6
Percentage of districts reporting	...	100%
DTP3: proportion of districts with coverage	below 50%	...
	between 50-79%	...
	at 80% or above	...
MCV: proportion of districts with coverage at 90% or above	...	0%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DT	6 years
DTwP	6, 10, 14 weeks	HepB	birth; 10, 14 weeks
Measles	9 months	OPV	6, 10, 14 weeks; 6 years
TT	1st contact pregnancy; 4 weeks; 6 months; 1, 1 year		

2004

Births.....	590,000
Surviving infants	580,000
Total population.....	26,282,000
Infant mortality rate (per 1,000 live births)	16
Under-five mortality rate (per 1,000 live births)	19
Gross national income per capita (US\$).....	4,020
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	97%	91%	90%	93%	99%	82%	72%
DTP1	99%	85%	85%	85%	92%	84%	79%
DTP3	86%	68%	65%	70%	77%	63%	56%
HepB3	82%	75%	60%	54%	5%	...	...
MCV	80%	82%	83%	98%	84%	61%	50%
Pol3	83%	86%	81%	87%	86%	72%	95%
Hib3	61%	54%	56%	30%	2%	...	...
TT2+ (protected at birth)	...	...	...	...	...	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	365	365
Percentage of districts reporting	100%	53%
DTP3: proportion of districts with coverage	below 50%	6%
	between 50-79%	27%
	at 80% or above	67%
MCV: proportion of districts with coverage at 90% or above	42%	25%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	40%	72%
Supply: any vaccine supply interruption?	...	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	...	...

Immunization schedule

BCG	birth	DTwP	2, 4, 6, 18 months
DTwPHibHep	2, 4, 6 months	HepB	birth; 1, 6 months
Hib	2, 4, 6 months	MMR	1 year
OPV	birth; 2, 4, 6 months	TT/Td	CBAW and 1st contact pregnancy; +2 months; +1, +2, +3 years
Yellow Fever	12 months; high-risk		

2004

Births.....	1,644,000
Surviving infants	1,597,000
Total population.....	83,123,000
Infant mortality rate (per 1,000 live births)	17
Under-five mortality rate (per 1,000 live births)	23
Gross national income per capita (US\$)	550
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	70

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	96%	97%	97%	97%	98%	90%	...
DTP1	92%	99%	85%	99%	97%	96%	...
DTP3	96%	99%	75%	96%	96%	88%	...
HepB3	94%	78%	...	...	...	...	...
MCV	97%	93%	96%	98%	97%	88%	...
Pol3	96%	96%	92%	96%	96%	88%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	85%	85%	79%	79%	79%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	667	646
Percentage of districts reporting	100%	96%
DTP3: proportion of districts with coverage	below 50%	1% 0%
	between 50-79%	3% 2%
	at 80% or above	97% 94%
MCV: proportion of districts with coverage at 90% or above	94%	84%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	97%	97%
Supply: any vaccine supply interruption?	No	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%

Immunization schedule

BCG	birth	DTaP	2, 3, 4 months
HepB	birth; 2, 4 months	Measles	9 months
OPV	2, 3, 4 months	TT	pregnant women; and CBAW (15-35 years) in part of the country
Vitamin A	6-11, 12-17, 18-24, 25-30, 31-36 months		

2004

Births.....	826,000
Surviving infants	771,000
Total population.....	20,329,000
Infant mortality rate (per 1,000 live births)	82
Under-five mortality rate (per 1,000 live births)	111
Gross national income per capita (US\$).....	570
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	100

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	63%	67%	74%	73%	82%	95%	9%
DTP1	92%	81%	87%	91%	91%	94%	18%
DTP3	78%	66%	69%	76%	76%	84%	1%
HepB3	49%	42%	34%	21%	15%	...	...
MCV	76%	66%	65%	79%	71%	69%	2%
Pol3	78%	66%	69%	76%	76%	84%	1%
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	21%	31%	39%	33%	31%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	332	332	
Percentage of districts reporting	100%	99%	
DTP3: proportion of districts with coverage	below 50%	16%	37%
	between 50-79%	39%	39%
	at 80% or above	45%	24%
MCV: proportion of districts with coverage at 90% or above	28%	18%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	37%	28%	
Supply: any vaccine supply interruption?	Yes	...	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	100%	

Immunization schedule

BCG	birth	DTwP	6, 10, 14 weeks
HepB	6, 10, 14 weeks	Measles	9, 18 months
OPV	birth; 6, 10, 14 weeks	TT	1st contact pregnancy; +1, +6 months +1, +1 year
Vitamin A	9, 18 months		

2004

Births.....	468,000
Surviving infants	424,000
Total population.....	11,479,000
Infant mortality rate (per 1,000 live births)	102
Under-five mortality rate (per 1,000 live births)	182
Gross national income per capita (US\$)	450
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	10

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	94%	94%	94%	94%	92%	97%	...
DTP1	94%	94%	94%	94%	93%	97%	...
DTP3	80%	80%	80%	80%	78%	91%	...
HepB3	...	...	...	...	...	...	...
MCV	84%	84%	84%	84%	85%	90%	...
Pol3	80%	80%	80%	80%	79%	90%	...
Hib3	80%	...	...	...	...	...	...
TT2+ (protected at birth)	83%	81%	79%	77%	75%	...	...

District coverage (as reported)

	2004	2003
Number of districts in country	72	72
Percentage of districts reporting	100%	100%
DTP3: proportion of districts with coverage	below 50%	0% 3%
	between 50-79%	6% 21%
	at 80% or above	94% 76%
MCV: proportion of districts with coverage at 90% or above	67%	22%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	...	...
Supply: any vaccine supply interruption?	No	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	50%	100%

Immunization schedule

BCG	birth	DTwPHib	6, 10, 14 weeks
Measles	9 months	OPV	birth; 6, 10, 14 weeks
TT	1st contact pregnancy; +1, +6 months; +1, +1 year	Vitamin A	6, +6 months

2004

Births.....	384,000
Surviving infants	360,000
Total population.....	12,936,000
Infant mortality rate (per 1,000 live births)	79
Under-five mortality rate (per 1,000 live births)	129
Gross national income per capita (US\$).....	480
Percentage of routine Expanded Programme on Immunization vaccines financed by government.....	0

National coverage rates (WHO/UNICEF estimates, 2004)

	2004	2003	2002	2001	2000	1990	1980
BCG	95%	92%	80%	80%	82%	91%	...
DTP1	90%	85%	91%	91%	90%	96%	...
DTP3	85%	80%	75%	75%	77%	88%	...
HepB3	85%	80%	75%	75%	77%	...	...
MCV	80%	80%	60%	68%	70%	87%	...
Pol3	85%	80%	75%	75%	70%	89%	...
Hib3	...	...	...	...	...	...	...
TT2+ (protected at birth)	70%	60%	60%	60%	60%	...	...

District coverage (as reported)

	2004	2003	
Number of districts in country	61	62	
Percentage of districts reporting	100%	97%	
DTP3: proportion of districts with coverage	below 50%	5%	47%
	between 50-79%	41%	40%
	at 80% or above	54%	10%
MCV: proportion of districts with coverage at 90% or above	20%	6%	
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%	21%	...	
Supply: any vaccine supply interruption?	No	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations	100%	...	

Immunization schedule

BCG	birth	DTwP	3, 4, 5, 18 months
Measles	9 months	OPV	3, 4, 5, 18 months; 5 years
TT	CBAW and 1st contact pregnancy; +6 months; +1, +1 year	HepB	3, 4, 5 months
DT	5 years	Vitamin A	6, 12, 18, 24, 30, 36 months

APPENDICES

Additional vaccines reported in national and territorial immunization schedules

The immunization schedule reported for each country or territory covers the vaccines against measles, tetanus, pertussis, diphtheria, polio and tuberculosis, as well those against hepatitis B, *Haemophilus influenzae* type B, yellow fever, tetanus toxoid and vitamin A supplementation. Additional vaccines covered in national and territorial immunization schedules are reported in these Appendices. These include vaccines against hepatitis A, (inactivated) polio, influenza, Japanese encephalitis, measles and mumps, measles and rubella, meningococcal C conjugate, mumps, pneumococcal conjugate, pneumococcal polysaccharide, rabies, rubella, typhoid and varicella (Appendix 1), as well as vaccine combinations (Appendix 2).

APPENDIX

Additional vaccines reported in national and territorial schedules

Country	Schedule
Bahamas	
DTaPHepIPV	2, 4, 6 months (subnational)
DTaPHibHepIPV	2, 4, 6 months (subnational)
Pneumo_conj	2, 4, 6, 15 months (subnational)
Pneumo_ps	2 years (subnational)
Varicella	>12 months (subnational)
Bahrain	
Influenza	elderly and high-risk groups (subnational)
IPV	2, 4, 6, 18 months; 5 years; high-risk groups (subnational)
MenACWY	2 years; pilgrims and their families
Pneumo_conj	2, 4, 6 months; high-risk groups (subnational)
Pneumo_ps	>2 years; old-age and high-risk groups >2 years (subnational)
Typhoid	travellers (subnational)
Varicella	high-risk groups (subnational)
Bosnia and Herzegovina	
DTwPHib	3, 4, 6, 18 months (subnational)
Pw	4 years (subnational)
Brazil	
HepA	>2 years; CRIE indications
Influenza	>60 years; high-risk groups
IPV	2, 4, 6 months; CRIE indications
MenC_conj	2, 4, 6 months; CRIE indications
MR	CBAW
Pneumo_conj	2, 3-5 years; CRIE indications
Pneumo_ps	2 months; CRIE indications
Varicella	1 year; CRIE indications
Cyprus	
DTaPHepIPV	2, 4 months; private sector
DTaPHib	2, 4, 6, 15-18 months; private sector
DTaPHibHepIPV	2, 4 months; private sector
HepA	2, 3 years; given to high-risk groups; travellers, sewage workers and patients with liver problems
MenAC	>2 years if outbreak
MenC_conj	2, 4, 6 months; in public sector only to high-risk groups; in private sector universally
Pneumo_ps	2 years; high-risk groups
Varicella	13-18 months; in public sector only to high-risk groups; in private sector universally
France	
DTwPHibIPV	2, 3, 4, 18 months
Influenza	>.65 years; high-risk groups (recommended)

Country	Schedule
France continued	
Pneumo_conj	2, 3, 4 months; 2 years; high-risk groups kindergarten (recommended)
Pneumo_ps	high-risk groups (recommended)
Pw	2, 3, 4, 18 months; 11 years (recommended)
Germany	
HepA	high-risk groups
Influenza	high-risk groups
MenAC	high-risk groups
MenC_conj	high-risk groups
Pneumo_conj	high-risk groups
Pneumo_ps	60 years; high-risk groups
Varicella	11-14 months; high-risk groups
Honduras	
Influenza	>60 years
Iraq	
HepA	high-risk groups
Influenza	high-risk groups
IPV	high-risk groups
MenAC	high-risk groups
MenACWY	high-risk groups; pilgrims
Pneumo_ps	high-risk groups
Typhoid	high-risk groups
Italy	
DTaP	3, 5, 11-12 months; 5-6 years
DTaPHep	3, 5, 11-12 months
DTaPHepIPV	3, 5, 11-12 months
DTaPHib	3, 5, 11-12 months
DTaPHibHep	3, 5, 11-12 months
DTaPHibHepIPV	3, 5, 11-12 months
DTaPHibIPV	3, 5, 11-12 months
DTaPIPV	3, 5, 11-12 months
HepA	2 doses (2nd dose 30 days after) recommended for travellers
Hib	3, 5, 11-12 months
Influenza	high-risk groups (recommended)
MM	12-15 months; 5-12 years (recommended)
MR	12-15 months; 5-12 years (recommended)
Jamaica	
DTwPHibHep	3 weeks; 3, 5 months
IPV	6 weeks; 3, 5, 18 months; 4-6 years; infants exposed to HIV
Jordan	
Influenza	>50 years; pilgrims
Typhoid	>2 years; contact cases (subnational)

Country	Schedule
Korea, Republic of	
JE	12-24 months; +1-12 weeks; +1 year; 6, 12 years
Typhoid	> 2 years and every 3 years; high-risk groups
Kuwait	
Influenza	high-risk groups
MenAC	new labourers
MenACWY	2 years; contacts with pilgrims
Pneumo_ps	high-risk groups
Typhoid	food handlers (subnational)
Latvia	
DTwPIPV	3, 4.5, 6 months
Malaysia	
MenACWY	pilgrims
Rubella	specific female age groups (subnational)
Typhoid	food handlers
Panama	
DTPHib	18-59 months
Qatar	
IPV	only for autoimmune disorders (subnational)
MenACWY	vaccine not indicated for <2 years age; booster every 2-3 years; pilgrims and travellers; army as required (subnational)
Mumps	military, police recruits (subnational)
Pneumo_conj	2, 4, 6, 18 months;
Pneumo_ps	elderly, high-risk patients (subnational)
Rubella	screen childbearing women for rubella serology
Typhoid	food handlers; travellers
Varicella	12 months
Russian Federation	
IPV	3, 4.5, 6, 18, 20 months; 14 years; private sector and high-risk children (immunosuppressed and/or born from HIV-positive mothers)
Pneumo_ps	high-risk groups
Rubella	12 months; 6, 13 years
Typhoid	high-risk groups
Slovakia	
DTwPHib	9, 15-19 weeks; 9-13 months
Switzerland	
HepA	high-risk groups
Influenza	high-risk groups
MenACWY	high-risk groups
MenC_conj	high-risk groups
Pneumo_conj	high-risk groups
Pneumo_ps	high-risk groups

Country **Schedule****Switzerland** continued

Varicella	11-15 years; +1 month; non-immune and high-risk groups
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Thailand

DTwPHep	2, 4, 6 months; only Chiang Rai province (subnational)
Japanese Encephalitis	1.5-2 years (2 doses); 2.5-3 years; 1-2 weeks apart

United Arab Emirates

Influenza	high-risk groups
IPV	high-risk groups
MenACWY	pilgrims
Pneumo_ps	high-risk groups
Typhoid	food handlers
Varicella	high-risk groups

United Kingdom

IPV	3, 4 months
Mumps	15 years; young men
Rubella	15 years; girls only

United States of America

DTaPHepIPV	2, 4, 6, 15-18 months; option to DTaP and individual vaccines
DTaPHib	15-18 months; option to DTaP and Hib
HepA	2-18 years; +6-18 months; high-risk adults
Influenza	6-23 months; 24 months-49 years; >_50 years; every year: (high-risk; vaccinees)
Pneumo_conj	2, 4, 6, 12-15 months
Pneumo_ps	≥65 years; high-risk medical conditions all ages
Varicella	12-18 months; susceptible adults

Uruguay

Influenza	6-23 months; >55 years
IPV	2, 4, 6, 12 months; immunocompromised
Varicella	12 months

Venezuela, Bolivarian Republic of

TT/Td	CBAW and 1st contact pregnancy; +2 months; +1, +2, +3 years
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Viet Nam

JE	12, 13, 25 months (subnational)
Typhoid	3-10 years (subnational)

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