IMMUNIZATION SUMMARY: THE 2007 EDITION

A statistical reference containing data through 2005

CD-ROM inside





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See inside back cover for CD-ROM





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INTRODUCTION

Tracking, evaluating and sharing information provides a vital tool for understanding immunization coverage. Statistics on levels and trends are used to monitor the performance of services at local, national and international levels. They guide campaigns to eradicate polio, control measles and eliminate neonatal tetanus. They identify areas of weak system performance and reveal areas where focused attention and extra resources may be required. And, when deciding whether to introduce a vaccine, immunization levels and trends are one important consideration.

The numbers for a single vaccine can provide vital information for national and global action. Coverage levels for the diphtheria and tetanus toxoid with pertussis vaccine (DTP), for example, are considered to be one of the best indicators of health-system performance. In addition, such funding agencies as the GAVI Alliance frequently consider immunization coverage levels when reviewing applications for financial and technical support.

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 district-level immunization systems in 193 countries and territories. It provides an overview of key aspects, including:

- Basic indicators from WHO and UNICEF, the United Nations Population Division and the World Bank for each country or territory.
- Trends in national and territorial coverage rates for eight major antigens.
- District-level performance in achieving coverage with DTP and measles vaccines, maintaining supplies, and providing autodisable syringes to enhance safety during all routine immunizations.
- The most current immunization schedule reported by each country or territory.

This year's summary also includes an explanation of the WHO/UNICEF Joint Reporting Form on Immunization; tables on indicative prices for major antigens and immunization devices; regional charts on coverage with measles immunization; global maps on routine immunization coverage; and a Glossary of Acronyms, which appears in French and Spanish on the fold-out pages.

THE WHO/UNICEF JOINT REPORTING FORM: A UNIFIED RESOURCE

Prior to 1998, WHO and UNICEF collected data on national immunization coverage independently, at different times during the year, using different criteria. These independent collection processes imposed a double reporting burden on countries and sometimes resulted in the publication of different coverage numbers for the same country during the same year.

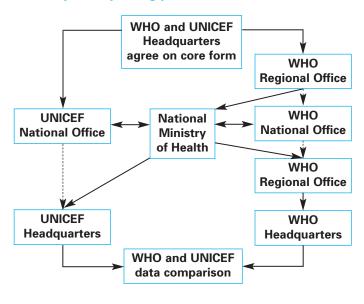
To provide the international community with more consistent data and to reduce the national reporting burden, WHO and UNICEF established unified information collection. Beginning in 1998, they collected data on national immunization systems through the WHO/UNICEF Joint Reporting Form on Immunization.

The Joint Reporting Form annually collects national-level data on the incidence of selected vaccine-preventable diseases, immunization coverage, recommended immunization schedules, vaccine supply, and other information on the structure, policies and performance of national immunization systems. In 2005 – the most recent year for completed data, as reflected in this publication – 191 of 193 countries and territories contributed reports.

The data-collection form is reviewed periodically by WHO and UNICEF and, if necessary, modifications are made and translated into English, French, Russian and Spanish.

National authorities complete the form using one of the data-collection tools that have been developed in Microsoft Word and Excel. During the second quarter

Annual joint reporting process



of each year, the ministries return the information to WHO and UNICEF, which consolidate the replies and reconcile any differences during June.

Preliminary data are available in July, when countries have the opportunity to supply additional evidence that may lead to revised estimates. Final country reports are available by early September and disseminated through a variety of mechanisms, including the World Wide Web, the annual joint WHO/UNICEF *Immunization Summary* and the WHO Vaccine-Preventable Diseases: Monitoring System, Global Summary.

A copy of the most recent data-collection form can be found on the CD-ROM on the inside back cover of this booklet. Further information and copies of the print documents are available at the following websites: UNICEF: http://www.childinfo.org/areas/immunization/WHO: http://www.who.int/immunization_monitoring/

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data/en/

ANNUAL ANALYSIS UPDATE

Table 1: Indicative budget prices for major antigens, 2007

The prices listed in the table below are subject to change. UNICEF Supply Division provides this information for preliminary budget planning only. Full names of these vaccines appear in the Glossary of Acronyms, p. 199.

Vaccine (doses per vial)

•	(dood por viai)
Monovalent and bivalent vaccines	
BCG	BCG-20
DTP	DTP-10 DTP-20
TT	TT-10 TT-20
DT	DT-10
Td	Td-10
MCV	Mea-10
OPV	OPV-10
	OPV-20
MOPV	mOPV1-20
YFV	YF-5
	YF-10
MR	MR-10
MMR	MMR-1 (L-Zagreb strain) MMR-1 (Jeryl Lynn strain) MMR-10 (Urabe and L-Zagreb strain) MMR-10 (Jeryl Lynn strain)
MenAC	Meningitis (AC)-10 Meningitis (AC)-50
MenACWY	Meningitis (ACWY)-50
НерВ	HepB-1 HepB-2 HepB-6 HepB-10
Hib	Hib-10 (liquid) Hib-1 (liquid) Hib-10 (lyophilized)
Combination vaccines	
DTPHep	DTP-HepB-10
DTPHepHib	DTP-HepB/Hib (1 or 2 doses)
DTPHib	DTP+Hib-10 (lyophilized) DTP+Hib-1 (lyophilized)

Recommended budget price, 2007 (US\$ per vial) (US\$ per dose)

Monovalent and bivalent vaccines	
1.92	0.096
2.10	0.210
2.67	0.134
0.75	0.075
0.99	0.050
1.05	0.105
0.94	0.094
1.80 1.52	0.180 0.152
2.82	0.152
2.54	0.127
3.25	0.650
8.20	0.820
5.00	0.500
1.50	1.500
not available	not available
14.20	1.420
not available	not available
6.30	0.630
25.00	0.500
upon request	upon request
0.27	0.270
0.48	0.240
upon request 2.00	upon request 0.200
upon request	upon request
upon request	upon request
upon request	upon request
apon roquot	apon roquoti
Combination vaccines	
8.00	0.800
not applicable	3.620
31.20	3.120
upon request	upon request

Table 2: Indicative budget prices for immunization devices, 2007

These prices are subject to change. UNICEF Supply Division provides this information for preliminary budget planning only.

Device (box of 100, unless otherwise stated)	Recommended budget price, 2007 (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/yellow fever reconstitution 5.0 ml, with needle	on syringe 3.20
Reconstitution syringe, 10.0 ml, with needle	5.00
Safety box, 5.0 litre (25 per box)	19.00

Source: UNICEF Supply Division.

Regional progress towards MDG 4, 1985-2005

Measles immunization coverage is one of the indicators for progress towards Millennium Development Goal 4: Reduce child mortality. Since 1985, global measles immunization coverage has increased from 47 per cent to 77 per cent in 2005. Global coverage rates held steady in the 1990s, after a slight increase at the beginning of the decade. Immunization rates began to climb in 2000 and continue to show steady progress.

Although global measles immunization coverage exceeds 75 per cent, several regions – notably sub-Saharan Africa and South Asia – show much lower coverage. In the following charts, the regional trends are presented for the period of 1985-2005 along with the global levels. The global coverage is represented in each chart by a blue line. The regional trend appears as the dashed black line.

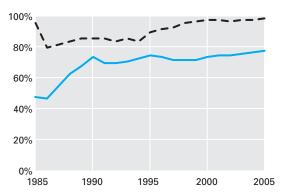
(The list of countries and territories in MDG regions appears online at the United Nations Statistics Division website 'Millennium Development Goals Indicators', ">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings>">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Content="Data/RegionalGroupings">http://mdgs.un.org/unsd/mdg/Host.aspx?Unsd/mdg/Host.aspx?Unsd/mdg/Host.aspx?Unsd/mdg/Host.aspx.unsd/mdg/Most.aspx.unsd/mdg/Most.aspx.unsd/mdg/Most.aspx.unsd/mdg/Most.aspx.unsd/mdg/Most.aspx.unsd/mdg/Most.aspx.unsd/mdg/Most.aspx.unsd/mdg/Most.aspx.unsd/mdg/Most.aspx.unsd/mdg/

Note on methodology: UNICEF and the World Health Organization employ slightly different methods to compute regional averages. For the purposes of this publication, World Health Organization calculations are used.

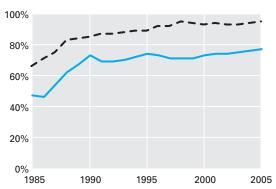
Regional trends for measles vaccine coverage, 1985-2005

— Global - Regional

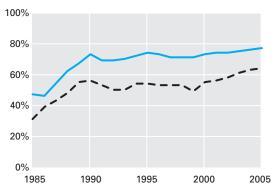
Commonwealth of Independent States



Northern Africa



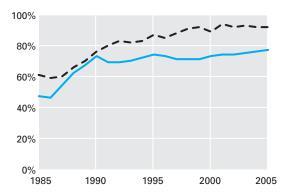
Sub-Saharan Africa



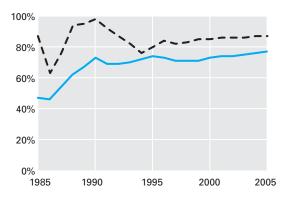
Regional trends for measles vaccine coverage, 1985-2005

— Global – Regional

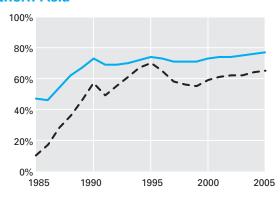
Latin America and the Caribbean



Eastern Asia



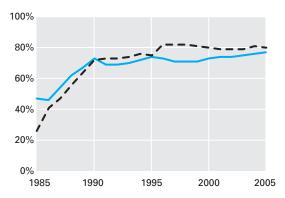
Southern Asia



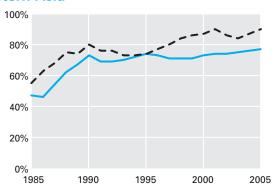
Regional trends for measles vaccine coverage, 1985-2005

— Global – Regional

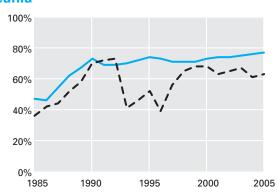
South-Eastern Asia



Western Asia



Oceania

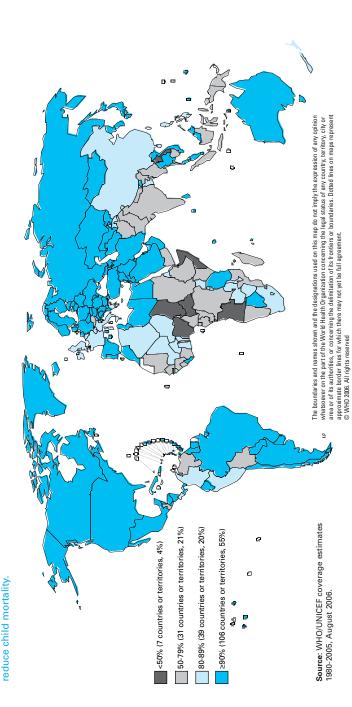


Source: WHO/UNICEF estimates for 1985-2005, as of August 2006.

MAPS: GLOBAL INDICATORS

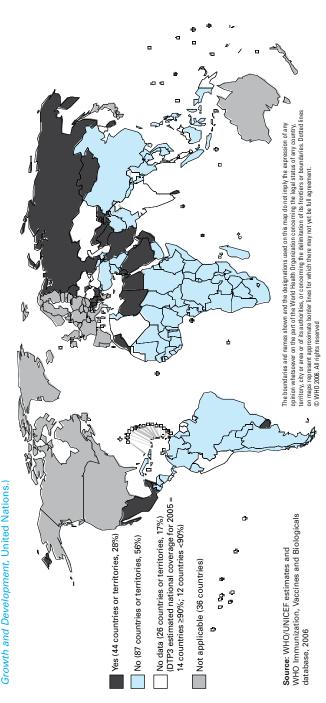
Map 1: Immunization coverage with measles-containing vaccines for infants, 2005

Measles immunization is one of the key indicators to track progress towards the fourth Millennium Development Goal, which aims to reduce by two thirds the mortality rate among children under five. High coverage levels of routine immunization are needed to interrupt transmission and



Map 2: Developing and transition countries and territories* with all districts achieving at least 80% DTP3 coverage, 2005

*Includes 156 developing countries and economies in transition according to classification in World Economic and Social Survey 2006: Diverging Countries that achieve coverage rates of 80% or higher in all districts ensure that children have equitable access to immunization services.



COUNTRIES AND TERRITORIES

NOTES ON INDICATORS AND DATA

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.

For both **births** and **surviving infants**, figures are rounded to the nearest thousand. Where populations are small and birth rates are low, the figure shown is '0'. In countries or territories 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 because 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 age five per 1,000 live births.

Gross national income per capita (PPP, US\$) – Gross national income (GNI) is the sum of value added by all resident producers, plus any product taxes (less subsidies) not included in the valuation of output, plus net receipts of primary income (compensation of employees and property income) from abroad. GNI per capita is gross national income divided by mid-year population. GNI per capita in US dollars is converted using the World Bank Atlas method. Purchasing power parity (PPP) is a criterion for an appropriate exchange rate between currencies. It indicates that a representative basket of goods in one country would cost the same as in another country if the currencies are exchanged at that rate. Actual exchange rates vary from the PPP levels for such reasons as the demand for imports or investments between countries.

Percentage of routine EPI vaccines financed by government – The immunizations in the Expanded Programme on Immunization (EPI) include those against tuberculosis, diphtheria, tetanus and pertussis (DTP), polio and measles, as well as protecting newborn children and their mothers against tetanus by vaccination of pregnant women. In some countries, other vaccines (e.g., against hepatitis B, *Haemophilus influenzae* type B or yellow fever) may be included.

National coverage rates (WHO/UNICEF estimates)

UNICEF and WHO conduct an annual review of national or territorial 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 Immunization, as well as data from the scientific and technical

literature. 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. The vaccines included in this section are:

BCG – bacille Calmette-Guérin (vaccine against tuberculosis)

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

Hib3 - third dose of Haemophilus influenzae type B vaccine

MCV - measles-containing vaccine

Pol3 - third dose of polio vaccine

TT2+ (PAB) – second and subsequent doses of tetanus toxoid (protected at birth).

Coverage for DTP1 should be at least as high as DTP3. Cases where DTP1 coverage is less than DTP3 coverage reflect deficiencies in data collection and reporting. UNICEF and WHO are working with national systems to eliminate these discrepancies. Because DTP and Hib vaccines are dispensed on the same schedule, the coverage levels for DTP3 and Hib3 should be similar. More information on the estimation method can be found online at: UNICEF: http://www.childinfo.org/areas/immunization/database.php WHO: http://www.who.int/immunization_monitoring/routine/immunization_coverage/en/index4.html

District coverage (as reported)

The disaggregation of immunization statistics to the district level assists efforts to ensure an equitable distribution of immunization for all children. The data shown in this section 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 Immunization.

Number of districts in country – The total number of districts in a country or territory; this figure may vary from year to year.

Percentage of districts reporting – The proportion of districts that report data through the annual WHO/UNICEF Joint Reporting Form on Immunization.

DTP3 – The proportion of districts achieving each of three coverage ranges for DTP3. In some cases, not all districts are able to report coverage levels; consequently, the sum of the three categories may not be 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 DTP after receiving an initial dose, compared with all children who receive the initial dose of DTP. 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. Reponses 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 (AD) 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 Immunization. The notations used in each table may vary slightly because there is no standard format for reporting immunization schedules. When countries report coverage for a larger number of vaccines, items may appear in the Appendix on pp. 195-197.

Note: In all instances, an ellipsis indicates that data are not available.

DATA SOURCES

- Births, surviving infants, total population: United Nations Population Division.
- Infant mortality rate, under-five mortality rate, percentage of routine EPI vaccines financed by government: The State of the World's Children 2007, UNICEF, New York, 2006.
- Gross national income per capita: The World Bank.
- National coverage rates: WHO/UNICEF Review of National Immunization Coverage 1980-2005, August 2006.
- Percentage of routine EPI vaccines financed by government, district coverage and immunization schedules: WHO/UNICEF Joint Reporting Form on Immunization, data collected in 2005 and 2006.

Afghanistan

Births Surviving infants Total population Infant mortality rate (per 1,000 live births) Under-five mortality rate (per 1,000 live births) Gross national income per capita (PPP, US\$) Percentage of routine EPI vaccines financed by government							1,2: 29,8	2005 41,000 31,000 63,000 165 257
National c	overa	ge rat	tes (W	HO/UI	VICEF es	stimates	, 2005)	
BCG	2005 73%	2004 78%	2003 56%	2002 49%	2001 44%	2000 38%	1990 30%	1980
DTP1	88%	80%	65%	58%	56%	41%	50%	22%
DTP3	76%	66%	54%	48%	44%	31%	25%	4%
HepB3								
Hib3								
MCV	64%	61%	50%	44%	46%	35%	20%	11%
Pol3	76%	66%	54%	48%	45%	32%	25%	3%
TT2+ (PAB)	55%	45%	40%	34%	35%	35%		
District coverage (as reported)								
Number of dis	tricts in	country					2005 329	2004 341
Percentage of	districts	reportir	ng				98%	96%
				[below 5	0%	27%	40%
DTP3: proport	ion of di	stricts w	ith cove	rage	betweer	n 50-79%	29%	30%
					at 80% (or above	44%	30%
MCV: proporti				_		bove	16%	15%
DTP1–DTP3 dr have achieved				of distr	icts that		42%	36%
Supply: any va	ccine su	pply inte	erruption	?			No	No
Safety: propor of autodisable							100%	100%
Immuniza	tion s	chedu	le					
BCG			birth	OF	V	birth; 6	, 10, 14 v 9 m	weeks;
DTwP	6,	10, 14 w	/eeks	77		CDAM -		
Measles	!	9, 18 ma	onths	TT	pre	CBAVV a		

Albania

								2005	
Births									
Surviving infants 52,000									
Total population									
	Infant mortality rate (per 1,000 live births)								
Under-five	•							18	
Gross natio								5,420	
Percentage	Percentage of routine EPI vaccines financed by government 80%								
National coverage rates (WHO/UNICEF estimates, 2005)									
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG	98%	97%	95%	94%	93%	93%	94%	93%	
DTP1	98%	98%	97%	98%	97%	98%	97%	97%	
DTP3	98%	97%	97%	98%	97%	97%	94%	94%	
HepB3	98%	99%	97%	96%	96%	96%			
Hib3									
MCV	97%	96%	93%	96%	95%	95%	88%	90%	
Pol3	97%	98%	97%	98%	97%	97%	89%	92%	
TT2+ (PAB)									
District	coverag	e (as r	eportec	l)					
							2005	2004	
Number of	districts in	country					36	36	
Percentage	of districts	reportin	ng				100%	100%	
					below 5	0%		0%	
DTP3: prop	ortion of di	stricts w	vith cove	rage	between	50-79%		0%	
						r above	100%	100%	
MCV: propo	ortion of dis	stricts w	ith cove	L			100%	100%	
DTP1-DTP3				-			,.	,.	
have achiev							100%	100%	
Supply: any	vaccine su	pply inte	erruption	?			No	No	
Safety: pro of autodisa							100%	100%	
- Lancing Control		a la caralla	de la						
lmmuni	zation s	cneat	iie						
BCG			birth	MM	R		1, 5	years	
DT		5	years	OPV	2,	4, 6 mon	ths; 2, 5	years	
DTwP	2, 4, 6 mg	nths; 2	years	Td			14	years	
НерВ	birth	; 2, 6 m	onths	TT		CBAW a	nd 1st c ncy; +1 i		

Surviving infants								2005 84,000 60,000 54,000 34 39 6,770 100%
National c	overa	ge rat	tes (W	HO/UN	IICEF es	stimates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB) District co			2003 98% 93% 87% 84% 87% 	2002 98% 93% 86% 81% 86% 	2001 97% 92% 89% 83% 89%	2000 97% 97% 92% 80% 90%	1990 99% 96% 89% 83% 89% 	1980
		,	na					100%
Percentage of districts reporting 1 DTP3: proportion of districts with coverage 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								 No
BCG			birth	Mo	asles	9 m	onths; 6	voore
500			MILLI	IVIC				years

6 years

3, 4, 5, 18 months

birth; 1, 5 months

OPV

Td

DT

DTwP

HepB

birth; 3, 4, 5, 18 months; 7-13, 16-18 years

11-13, 16-18 years

Andorra

								2005	
Births									
Surviving infants									
Total population									
Infant mortalit	-							3	
Under-five mo	•							3	
Gross nationa									
Percentage of routine EPI vaccines financed by government									
National o	overa	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG									
DTP1	98%	99%	99%	98%	98%	98%			
DTP3	98%	99%	99%	97%	96%	98%			
HepB3	79%	77%	81%	84%	84%	84%			
Hib3	97%	95%	91%	91%	92%	90%			
MCV	94%	98%	96%	98%	97%	97%			
Pol3	98%	99%	99%	95%	95%	95%			
TT2+ (PAB)	•••			•••	•••				
District co	verag	e (as r	eportec	1)					
							2005	2004	
Number of dis	stricts in	country	,				1		
Percentage of	districts	reporti	ng	_			100%		
					below 50	0%		0%	
DTP3: proport	ion of di	stricts v	vith cove	erage	between	50-79%		0%	
				L	at 80% c	r above		100%	
MCV: proporti	on of dis	stricts w	ith cove	rage at 9	90% or a	bove			
DTP1-DTP3 di				of distric	ts that				
have achieved	have achieved a rate of less than 10%								
Supply: any vaccine supply interruption?									
Supply: any va	accine su	pply inte	erruption	1?					
Safety: propor	rtion of o	listricts	supplied	l with su					
	rtion of o	listricts	supplied	l with su					
Safety: propor	rtion of o	listricts ringes f	supplied or all rou	l with su					
Safety: propor of autodisable	rtion of o	listricts ringes f	supplied or all rou	l with su	munizati			 birth	
Safety: propor of autodisable	rtion of c (AD) sy tion s	listricts ringes f	supplied or all rou lle years	l with su utine imi Hep	munizati	ons		birth	
Safety: propor of autodisable Immuniza DTaP	rtion of c (AD) sy tion s	districts ringes f chedu	supplied or all rou lle years onths	l with su utine imi Hep	munizati B nC_conj	ons	 2, 4, 6 m	birth	
Safety: propor of autodisable Immuniza DTaP DTaPHibHepIF	rtion of c (AD) sy tion s	districts ringes for chedu 15 2, 6 mo 4, 15 mo	supplied or all rou lle years onths	l with su utine imi Hep Mer	munizati B nC_conj	ons		birth	

								2005
Births								
Surviving infants								64,000
Total populati	on						15,9	41,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				154
Under-five me	ortality ra	ate (per	1,000 liv	e births	;)			260
Gross nationa	ıl income	per cap	oita (PPP	, US\$)				2,210
Percentage of	routine	EPI vacc	ines fina	anced b	y govern	ment		50%
National o	covera	ge ra	tes (W	HO/UN	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	61%	72%	62%	82%	75%	56%	48%	
DTP1	62%	75%	68%	65%	57%	44%	48%	
DTP3	47%	59%	46%	47%	42%	31%	24%	
HepB3								
Hib3								
MCV	45%	64%	62%	74%	72%	41%	38%	
Pol3	46%	57%	45%	42%	44%	33%	23%	
TT2+ (PAB)	75%	75%	72%	68%	65%	62%		
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of di	stricts in	country					164	164
Percentage of	districts	reportir	ng				92%	93%
					below 5	0%	64%	61%
DTP3: propor	tion of di	stricts w	ith cove	erage	betweer	n 50-79%	21%	17%
					at 80% o	or above	7%	22%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	7%	21%
DTP1-DTP3 d have achieved				of distri	cts that		28%	27%
Supply: any v	accine su	pply inte	erruption	1?			Yes	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations							100%	

Immunization schedule

BCG	birth		ontact pregnancy; onths; +1, +1 year
DTwP	2, 4, 6 months	· ·	, , ,
Measles	9 months	Vitamin A	6, 9 months
OPV	birth; 2, 4, 6 months	Yellow fever	9 months

Antigua and Barbuda

9									
								2005	
Births									
Surviving infants									
Total population									
Infant mortalit	y rate (p	er 1,000	live birt	:hs)				11	
Under-five mo	rtality ra	te (per	1,000 liv	e births)				12	
Gross nationa	l income	per cap	oita (PPP,	US\$)				11,700	
Percentage of	routine	EPI vaco	ines fina	inced by	govern/	ment			
National o	overa	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG									
DTP1	99%	91%	95%	98%	89%	99%	99%	77%	
DTP3	99%	97%	99%	98%	97%	95%	99%	54%	
HepB3	99%	97%	99%	99%	96%				
Hib3	99%	97%	99%	82%	97%				
MCV	99%	97%	99%	99%	97%	95%	89%		
Pol3	98%	97%	99%	93%	99%	96%	99%	36%	
TT2+ (PAB)									
District co	verag	e (as r	eported	l)					
							2005	2004	
Number of dis	tricts in	country					0	26	
Percentage of	districts	reportin	ng					0%	
				Г	below 5	0%			
DTP3: proport	ion of di	etricte w	ith cove			50-79%			
DTI 3. proport	ion or ar	Stricts v	ntii cove			or above			
				L	at ou % t	or above			
MCV: proporti				_		bove			
DTP1-DTP3 di have achieved				of distric	cts that				
- Itave demevee	i a rate e	11033 (1	1070						
Supply: any va									
Safety: propor of autodisable									
	•					0.10			
lmmuniza	tion s	chedı	ile						
DT		5 '	years	OPV	/	2, 4, 6 m	onths; 5	years	

6

MMR

15 months; 4-5 years

2005

Births								
National	coveraç	ge ra	tes (W	IU/OH	VICEF es	timates	, 2005)	
BCG	2005 99%	2004 99%	2003 99%	2002 99%	2001 99%	2000 99%	1990 99%	1980 62%
DTP1	90%	95%	96%	96%	92%	88%	95%	66%
DTP3	92%	90%	89%	88%	82%	66%	86%	41%
HepB3	87%	88%						
Hib3	92%	90%	99%	93%	84%	66%		
MCV	99%	95%	96%	97%	94%	56%	93%	58%
Pol3	92%	95%	93%	91%	88%	85%	90%	91%
TT2+ (PAB)	•••							•••
District co	overage	e (as r	eported)				
Number of di	Number of districts in country 2005 2004 548 522							
Percentage of	f districts	reporti	ng					100%
					below 5	0%	0%	2%
DTP3: propor	tion of dis	tricts v	vith cove	rage	betweer	50-79%	15%	11%
					at 80% o	or above	84%	86%
MCV: proport				_		bove	70%	60%
DTP1-DTP3 d have achieve				of distr	icts that		84%	
Supply: any v	accine sup	ply inte	erruption	?				
Safety: propo of autodisabl								
Immuniza	ation sc	hedu	ıle					
BCG		oirth; 6		MM	ИR		1. 6	years
DTP	~		years	MF		nost na	rtum; 11	•
DTPHib	2.4.6			OP				-
	2, 4, 6	i, 18 m			,	I, 6, 18 m		•
НерА		1	year	Pn	eumo_co	nj hi	gh-risk (groups
HepB birth; 2, 6 months; 11 years Td >16 years; + every 10 year							years	
Influenza		>65	years	Yel	low fever		12 m gh-risk g	onths;
IPV	IPV 2, 4, 6, 18 months						,	

Armenia

Births								
National o	overa	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 94% 96% 90% 91% 94% 92%	2004 96% 97% 91% 91% 92% 93%	2003 92% 97% 94% 93% 94% 96%	2002 97% 97% 94% 91% 91% 96%	2001 97% 97% 94% 69% 93% 97%	2000 97% 97% 93% 55% 92% 96%	1990 	
District co	verag	e (as r	eported	l)				
Number of districts in country Percentage of districts reporting below 50% DTP3: proportion of districts with coverage between 50-79%							2004 11 100% 0% 0% 100%	
MCV: proporti DTP1-DTP3 di have achieved	rop-out r	ate: pro	portion (-		bove	73% 100%	64% 100%
Safety: propor	Safety: proportion of districts supplied with sufficient number							Yes 100%
Immuniza	tion s	chedu	ıle					
Immunization schedule BCG birth; 7 years OPV 3, 4.5, 6, 18, 20 mg DTwP 3, 4.5, 6, 18 months 6 HepB birth; 1.5-3 months Td 6, 16, 26, 36, 46, 56							years	

1, 6 years

MMR

2005

Births Surviving infants Total population Infant mortality rate (per 1,000 live births) Under-five mortality rate (per 1,000 live births) Gross national income per capita (PPP, US\$) Percentage of routine EPI vaccines financed by government								50,000 49,000 55,000 5 6 30,610 100%
National o	covera	ge ra	tes (W	HO/UN	IICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	97%	97%	97%	97%	97%	96%	98%	58%
DTP3	92%	92%	93%	92%	92%	90%	95%	33%
HepB3	94%	95%	95%	94%	94%			
Hib3	94%	95%	95%	95%	95%	90%		
MCV	94%	93%	94%	93%	92%	91%	86%	
Pol3	92%	92%	93%	92%	91%	90%	72%	17%
TT2+ (PAB)								
District co	District coverage (as reported)							
	7.0.09	. (33	opolito	• /			2005	2004
Number of di	stricts in	country					2005	2004
Percentage of	districts	reporti	าต					
			-5	Г	below 5	n %		0%
DTP3: propor	tion of di	atriata v	iith ooye			50-79%		0%
DTF3. propor	tion of ai	Stricts v	VILII COVE			or above		100%
				L	at 00% t	or above		
MCV: proport				•		bove		100%
DTP1-DTP3 d have achieved				of distri	cts that			
0 1				2				
Supply: any v		,	•		.cc: -!			
Safety: propo of autodisable								
Immuniza	tion o	ob odu	ulo					
IIIIIIIIIIZa	ition s	cheat	iie					
DTaP		15-17 չ	ears/	Hib		2,	, 4, 12 m	nonths
DTaPHepIPV	2,	4, 6 mc	onths	Influ	uenza		+65	years
DTaPHibHepI	PV 2,	4, 6 mc	onths		nC_conj		12 m	onths
DTaPIPV 4 years MMR 12 months; 4 years								•
HepA 12-	-24 mont 1	hs (2 do 8-30 mo			umo_co	•	2, 4, 6 m	
HepB birth t	o 7 days			Pne	umo_ps	18 m	onths; 4 +65	years;
Vericelle 19 months 10 12 year							•	

Varicella 18 months; 10-13 years

Austria

								2005
Births	-	74,000						
Surviving infa	7	74,000						
Total populati	on						8,18	39,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				4
Under-five mo	ortality ra	ate (per	1,000 liv	e births)				5
Gross nationa	ıl income	per cap	oita (PPF	, US\$)			3	33,140
Percentage of	routine	EPI vaco	ines fina	anced by	govern/	ment		83%
NI of I								
National o	covera	ige ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG							97%	90%
DTP1	91%	97%	94%	94%	94%	93%	96%	96%
DTP3	86%	83%	84%	83%	84%	81%	90%	90%
HepB3	86%	83%	83%	81%	44%	33%		
Hib3	86%	83%	84%	82%	74%	72%		
MCV	75%	74%	79%	78%	79%	75%	60%	
Pol3	86%	83%	84%	82%	83%	71%	90%	90%
TT2+ (PAB)								
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	stricts in	country					121	121

		2005	2004
Number of districts in country		121	121
Percentage of districts reporting		100%	
	below 50%		
DTP3: proportion of districts with coverage	between 50-79%		
	at 80% or above		
MCV: proportion of districts with coverage a			
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%			
Supply: any vaccine supply interruption?		No	No
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in			

Immunization schedule

DTaPHibHepI	PV 0-1 year
	(3 doses), 1-2 years
DTIPV	school entrance
НерВ	12-13 years; school (booster or catch-up)

IPV 0-1 year (3 doses), 1-2 years

MMR 1-2 years (2 doses); 2nd dose earliest 28 days after 1st dose Pneumo_conj 0-1 year (3 doses), 1-2 years; children in high-risk groups

Azerbaijan

Births								
ű					, 0		2005)	100%
National coverage rates (WHO/UNICEF estimates, 2005) 2005 2004 2003 2002 2001 2000 1990 1990 BCG 98% 99% 99% 99% 98% 99% DTP1 95% 98% 98% 97% 98% 99% DTP3 93% 96% 97% 97% 98% 99% HepB3 96% 97% 98% 97% Hib3 MCV 98% 98% 97% 99% 99% Pol3 97% 97% 98% 99% 99% TT2+ (PAB)							1980 	
District co	verag	e (as r	eportec	l)				
Number of districts in country 82 Percentage of districts reporting 96% DTP3: proportion of districts with coverage between 50-79% 2%							2004 64 97% 0% 0% 97%	
MCV: proportion of districts with coverage at 90% or above 50% DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% 98%							86% 98%	
Supply: any va Safety: propor of autodisable	rtion of c	listricts :	supplied	with s			No 100%	No 100%

Immunization schedule

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

Bahamas

								2005
Births								6,000
Surviving in	fants							6,000
Total popula	ation						;	323,000
Infant morta	ality rate (p	oer 1,000	live bir	ths)				13
Under-five r	nortality ra	ate (per	1,000 liv	e births)				15
Gross natio	nal income	e per cap	oita (PPP	, US\$)				
Percentage	of routine	EPI vaco	ines fina	anced by	govern	ment		100%
National	covera	ige ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	99%	99%	97%	98%	99%	99%	95%	61%
DTP3	93%	93%	92%	98%	99%	99%	86%	36%
HepB3	93%	93%	88%	89%	21%			
Hib3	93%	93%	93%	94%	99%	90%		
MCV	85%	89%	90%	94%	92%	93%	86%	
Pol3	93%	92%	93%	93%	98%	91%	82%	35%
TT2+ (PAB)								

District coverage (as reported)

Number of districts in country		2005 62	2004 62
Percentage of districts reporting		100%	100%
	below 50%		0%
DTP3: proportion of districts with coverage	between 50-79%		0%
	at 80% or above	90%	100%
MCV: proportion of districts with coverage a	t 90% or above	0%	100%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	53%	98%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in	100%	100%	

Immunization schedule

DT 4-5, 10	-12 years; school age
DTaPHepIPV	2, 4, 6 months (subnational)
DTaPHibHepIF	2, 4, 6 months (subnational)
DTaPHibIPV	2, 4, 6 months
DTwPHib	15 months
DTwPHibHep	2, 4, 6 months
HepB 5	years, +1, +6 months

Influenza	6, 7 months
IPV 2, 4, 6 m	onths (subnational)
MMR	1, 4-5 years
OPV	2, 4, 6 months
Pneumo_conj	2, 4, 6, 15 months (subnational)
Pneumo_ps 2 years (subnational)	
Td 22, 32,	42, 52, 62, 72 years
Yellow fever	9 months; 10, 20, 30, 40, 60 years

								2005	
Births								13,000	
Surviving inf	ants							13,000	
Total popular	tion						7:	27,000	
Infant morta	lity rate (p	er 1,000	live bir	ths)				9	
Under-five mortality rate (per 1,000 live births)									
Gross national income per capita (PPP, US\$)									
Percentage of	of routine	EPI vaco	ines fina	anced I	oy govern	ment		100%	
National coverage rates (WHO/UNICEF estimates, 2005)									
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG									
DTP1	99%	97%	99%	99%	99%	98%	97%	89%	
DTP3	98%	98%	97%	98%	99%	97%	94%	72%	
HepB3	98%	98%	98%	98%	99%	97%			
Hib3	98%	98%	97%	98%	99%	97%			
MCV	99%	99%	99%	99%	98%	98%	87%	45%	
Pol3	98%	98%	97%	98%	99%	97%	94%	72%	
TT2+ (PAB)									
District c	overag	e (as r	eported	d)					
							2005	2004	
Number of d	listricts in	country					4	71	
Percentage of	of districts	reporti	ng				100%		
					below 5	0%	0%		
DTP3: propo	rtion of di	stricts v	vith cove	erage	betweer	50-79%	0%		
					at 80% o	or above	100%		
MCV: propor	tion of dis	stricts w	ith cove	rage at	90% or a	bove	100%		
DTP1–DTP3 of have achieved				of dist	ricts that				
Supply: any	vaccine su	pply inte	erruption	1?			No		
Safety: proportion of districts supplied with sufficient number									

of autodisable (AD) syringes for all routine immunizations

BCG		birth
DT	2, 4, 6,	18 months; 5 years
DTaP		5 years
DTwPHi	bHep	2, 4, 6, 18 months
HepA		1, 2 years
HepB n		rs; high-risk groups workers, school and college students
Hib		2, 4, 6, 18 months

IPV 2, 4, 6, 18 months; 5 years; high-risk groups (subnational)

MenACWY 2 years; pilgrims and their families

MMR 1, 5, 11 years

OPV 2, 4, 6, 18 months; 5 years

Td 12 years; post-hajj trauma

Yellow fever travellers (subnational)

(subnational)

Bangladesh

								2005
Births							3,7	47,000
Surviving infa	nts						3,5	45,000
Total population	on						141,8	22,000
Infant mortalit	y rate (p	er 1,000	live birt	hs)				54
Under-five mo	rtality ra	ate (per	1,000 liv	e birth	s)			73
Gross nationa	I income	per cap	oita (PPP,	US\$).				2,090
Percentage of	routine	EPI vaco	ines fina	nced l	by govern	ment		16%
National o	overa	ge ra	tes (W	HO/U	NICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	95%	95%	94%	95%	86%	
DTP1	96%	96%	93%	95%	94%	93%	86%	
DTP3	88%	88%	81%	83%	85%	83%	69%	
HepB3	62%	10%	5%					
Hib3								
MCV	81%	81%	76%	75%	77%	76%	65%	
Pol3	88%	88%	82%	83%	85%	83%	69%	
TT2+ (PAB)	89%	89%	89%	89%	87%	85%		
District coverage (as reported)								
2005 2004								
Number of dis	stricts in	country					64	64
Percentage of	districts	reportin	ng				100%	100%
					below 5	0%	0%	0%
DTP3: proport	ion of di	etricte w	ith cove	rage		50-79%	16%	6%
DTI 3. proport	ion or ar	Stricts v	ntii cove	age	at 80% c		84%	94%
					at 60% C	n above	0470	
MCV: proporti						bove	61%	67%
DTP1–DTP3 di have achieved				of dist	ricts that		100%	100%
Supply: any va	accine su	pply inte	erruption	?			No	No
Safety: propor								
of autodisable	(AD) sy	ringes f	or all rou	ıtine ir	nmunizati	ons	100%	100%
Immuniza	tion s	chedu	ıle					
BCG			birth	TT	-	CBAW aı	nd 1st co	ontact
DTwP 6, 10, 14 weeks pregnancy; +1, +6 months;								
+1, +1 ye HepB 6, 10, 14 weeks Vitamin A 38 wee								
Measles		38 w	eeks	VII	laillili A		38 \	weeks
OPV	6, 10,	14, 38 w	eeks					

2005 Births										
National c	overa	ge ra	tes (W	HO/UN	IICEF es	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG										
DTP1	97%	97%	91%	91%	92%	93%	97%	82%		
DTP3	92%	93%	89%	87%	90%	93%	91%	60%		
HepB3	92%	93%	91%	66%	18%					
Hib3	92%	93%	88%	66%	18%					
MCV	93%	98%	90%	91%	93%	94%	87%	41%		
Pol3	91%	93%	90%	86%	93%	86%	90%	99%		
TT2+ (PAB)										
District co	verag	e (as r	eportec	l)						
Number of dis Percentage of DTP3: proporti MCV: proporti	districts ion of di	reportion stricts we stricts we	ng vith cove	rage at	at 80% o	50-79% or above	2005			
DTP1–DTP3 dr have achieved				of distri	cts that			100%		
Supply: any va Safety: propor of autodisable	tion of c	listricts	supplied	with su				No 100%		
Immuniza	tion s	chedu	ıle							
BCG DT DTwP DTwPHibHep	4-5 years OPV 3, 4.5, 6, 18 mon P 18 months 4.5, 10-11 years									

Belarus

								2005
Births							9	91,000
Surviving infa	nts						,	90,000
Total populati	on						9,7	55,000
Infant mortali	ty rate (p	er 1,000	live birt	hs)				10
Under-five mo	ortality ra	ite (per	1,000 liv	e births)			12
Gross nationa								7,890
Percentage of	routine	EPI vacc	ines fina	inced b	y govern	ment		100%
National o	covera	ge ra	tes (W	HO/UN	IICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%		
DTP1	99%	99%	74%	99%	99%	99%		
DTP3	99%	99%	50%	99%	99%	99%		
HepB3	99%	99%	56%	99%	93%	70%		
Hib3								
MCV	99%	99%	99%	99%	99%	98%		
Pol3	98%	99%	53%	99%	99%	99%		
TT2+ (PAB)								
District coverage (as reported)								
							2005	2004
Number of dis	stricts in	country					130	140
Percentage of	districts	reportir	ng				100%	100%
					below 50	0%		0%
DTP3: proport	ion of di	stricts w	ith cove	rage	between	50-79%		0%
, , , , ,				3	at 80% o	r above	100%	100%
MCV// managent			. د . د د د د د		-			
MCV: proporti				•		bove	100%	100%
DTP1–DTP3 de have achieved				or aistri	cis inai		100%	100%
Supply: any va	accine su	pply inte	rruption	?			No	No
Safety: propo								
of autodisable	(AD) sy	ringes fo	or all rou	ıtine im	munizati	ons		
Immuniza	tion s	chedu	le					
BCG	3-4 w	eeks; 7 y	ears/	IPV			3, 4 m	onths
Dip 11 years MMR 12 months; 6 years								
DT 6 years OPV 4, 5, 18, 24 months; 7 years								•
DTwP 3, 4, 5, 18 months Td 16, 26, 36, 46, 56, 66 years								
НерВ	birth;	1-5 mo	nths;					
up to 13 years (3 doses)								

								2005
Births							1	10,000
Surviving infa	nts						1	10,000
Total populati	on						10,4	19,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				4
Under-five mo	ortality ra	ate (per	1,000 liv	e births	;)			5
Gross national income per capita (PPP, US\$)								
Percentage of	routine	EPI vaco	ines fina	anced b	y govern	ment		
National o	covera	ge ra	tes (W	NO/UI	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	98%	97%	96%	96%	95%	98%	97%	98%
DTP3	97%	95%	93%	91%	90%	95%	93%	95%
HepB3	78%	65%	60%	55%	50%	60%		
Hib3	95%	95%	90%	85%	80%	62%		
MCV	88%	82%	80%	77%	75%	82%	85%	
Pol3	97%	96%	96%	95%	95%	96%	95%	99%
TT2+ (PAB)								
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of di	stricts in	country					43	43
Percentage of	districts	reporti	ng					
					below 5	0%		
DTP3: proport	tion of di	stricts v	vith cove	erage	betweer	50-79%		
					at 80% d	or above		
MCV: proport	ion of dis	stricts w	ith cove	rage at	- 90% or a	bove		
DTP1-DTP3 d				of distri	cts that			
have achieved	d a rate o	of less th	nan 10%					
Supply: any va								
Safety: propo of autodisable								

DTaPH	ibHepIPV	2, 3, 4, 15 months
DTaPIP	vV	5-7 years
НерВ	10-13 years;	+1, +6 months
Hib	2, 3, 4,	13-18 months

MenC_conj 12 months
MMR 12 months; 10-13 years
Td 14-16 years

Belize

								2000		
Births								7,000		
Surviving inf	ants							7,000		
Total populat	ion						2	70,000		
Infant mortal	ity rate (p	er 1,000	live birt	:hs)				15		
Under-five m								17		
Gross nation								6,740		
Percentage o	f routine l	EPI vacc	ines fina	inced by	/ govern	ment		100%		
National coverage rates (WHO/UNICEF estimates, 2005)										
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	96%	99%	99%	97%	98%	95%	93%	65%		
DTP1	97%	99%	99%	99%	98%	96%	97%	72%		
DTP3	96%	95%	96%	89%	96%	89%	91%	47%		
HepB3	97%	96%	96%	97%	76%	75%				
Hib3	96%	96%	96%	89%	96%					
MCV	95%	95%	96%	89%	93%	95%	86%	21%		
Pol3	96%	95%	95%	93%	96%	89%	86%	21%		
TT2+ (PAB)										
District coverage (as reported)										
2005 2004										
Number of d	istricts in	country					6	6		
Percentage o	f districts	reportir	ng					100%		
					below 50	0%	0%	0%		
DTP3: propor	tion of di	stricts w	ith cove	rage	between	50-79%	0%	0%		
					at 80% o	r above	100%	100%		
MCV/s proport	tion of dia	trioto M	ith agua	Laga et (000/ 050	hous	100%	100%		
MCV: proport				-		bove	10076	100%		
have achieve				or distric	Jis tilat		83%	100%		
Supply: any v	accine su	pply inte	erruption	?			Yes	No		
Safety: propo	ortion of d	listricts	supplied	with su	ıfficient ı	number				
of autodisabl	e (AD) sy	ringes fo	or all rou	itine im	munizati	ons	100%	100%		
Immuniza	ation s	chedu	le							
BCG			birth	MM	R		1. 2	years		
	., 4, 6 moi			OP\		2, 4, 6 m		•		
	., 4, 6 moi			Td		years; ch				
DTwPHibHep		4, 6 mo						dults		
	years; 2, (HIV-posit			Yell	ow fever		trav	ellers		
	inv-posit	IVE CITIIC	11 611/							

Births										
National C	covera	ge ra	tes (w	HU/U	NICEF es	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	99%	99%	99%	94%	94%	94%	92%	•••		
DTP1	99%	99%	99%	92%	91%	91%	86%	•••		
DTP3	93%	83%	88%	79%	76%	79%	74%	•••		
HepB3	92%	89%	81%	15%						
Hib3	35%						 79%			
MCV	CV 85% 85% 83% 78% 65% 68%									
Pol3	93%	89%	88%	72%	75%	78%	74%			
TT2+ (PAB)	69%	69%	56%	56%	56%	56%				
District co	verag	e (as r	eportec	l)						
							2005	2004		
Number of dis	stricts in	country					77	77		
Percentage of	districts	reporti	ng				100%	100%		
					below 5	0%	0%	1%		
DTP3: proport	ion of di	stricts v	ith cove	rage	betweer	า 50-79%	16%	39%		
					at 80% o	or above	84%	60%		
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	38%	36%		
DTP1-DTP3 d				of distr	icts that		43%	43%		
nave acmeved	i a rate C	11 1699 (1	iaii 1070				45/0	45/0		
Supply: any va	accine su	pply inte	erruption	?			No	Yes		
Safety: propo of autodisable	100%	100%								

BCG	birth	OPV	birth; 6, 10, 14 weeks
DTPHibHep	6, 10, 14 weeks	TT	1st contact pregnancy;
DTwP	6, 10, 14 weeks	+1	I, +6 months; +1, +1 year
НерВ	6, 10, 14 weeks	Vitamin A	6 months
Measles	9 months	Yellow fev	er 9 months

10, 14 weeks

Bhutan

Births								
National c	overa	ge rat	tes (W	HO/UN	ICEF es		, 2005)	
BCG DTP1 DTP3	2005 99% 97% 95%	2004 92% 93% 89%	2003 93% 98% 95%	2002 83% 86% 86%	2001 81% 96% 88%	2000 97% 99% 92%	1990 99% 98% 96%	1980 43% 25% 6%
HepB3	95%	89%	95%	83%	89%	98%		
Hib3 MCV Pol3 TT2+ (PAB)	 93% 95% 	 87% 90% 	 88% 96% 	 78% 89% 	 78% 88% 	 76% 98% 	 93% 96% 	 21% 4%
District coverage (as reported)								
Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage at 80% or above above SMCV: proportion of districts with coverage at 90% or above SMCV: proportion of 90% or above SMCV: proportion 90% or above SMCV: proportion 90% or above SMCV: proportion 90% or above SMCV: proporti								
DTP1–DTP3 dr have achieved				of distric	ets that		100%	100%
Supply: any va Safety: propor of autodisable	tion of c	listricts	supplied	with su				No 100%
Immuniza	tion s	chedu	le					
BCG DT DTwPHep Measles OPV	BCG birth TT 1st contact preg DT 24 months +1, +6 r DTwPHep 6, 10, 14 weeks Vitamin A 6, 12, 18, 36 r							onths

Births										
Percentage of	routine	EPI vacc	ines fina	anced b	y govern	ment		40%		
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)			
BCG	2005 93%	2004 93%	2003 93%	93%	2001 94%	2000 95%	1990 65%	1980 30%		
DTP1	94% 81%	94%	94% 81%	94% 81%	93% 81%	93% 80%	66% 41%	32% 11%		
DTP3 HepB3	81%	81% 81%	81%	81%	81%	/-	,-	, .		
нервз Hib3	81%	81%	81%	81%	81%		•••			
MCV	64%	 74%	 53%	 13%						
Pol3	79%	64% 79%	64% 79%	64% 79%	69% 79%	78%	50%	14%		
TT2+ (PAB)										
District co	verag	e (as r	eported	d)						
Number of dis		•					2005 324 100%	2004 311 100%		
r ercentage of	uistricts	reportii	ig		_ below 5	00/	,	,.		
DTD2		-4! -4	dela a cons				6%	6%		
DTP3: proport	tion of al	Stricts W	ith cove	erage		1 50-79%	36%	32%		
					at 80% c	or above	57%	62%		
MCV: proport				•		bove	42%	47%		
DTP1-DTP3 d have achieved			•	of distr	icts that		88%	87%		
Supply: any va	accine su	pply inte	erruption	1?			No	Yes		
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								100%		

BCG	birth
DTwPHibHep	2, 4, 6 months
НерВ	birth (only in sentinel hospitals)
MMR	12-23 months
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 post partum

Yellow fever 1 year

Bosnia and Herzegovina

Births								
National o	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 95% 95% 93% 93% 50% 90%	2004 95% 93% 84% 36% 49% 88%	2003 94% 93% 87% 84%	2002 91% 86% 80% 89% 86%	2001 95% 94% 91% 92% 92%	2000 93% 90% 85% 80% 87%	1990 	1980
Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage 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%							2005 18 100% 50%	2004 18 100% 0% 22% 78% 78%
Supply: any va Safety: propor of autodisable	rtion of c	listricts	supplied	with su			Yes 	
Immuniza	tion s	chedu	le					
DT 7 years (subnational) 6-7 years						ars (nati (subnat , 4, 6 mo 2, 7, 14	ional) onths;	

Нер	B birth;	2, 6 months
Hib	2, 4, 18 months (subnational)

DTwPHib

3, 4, 6, 18 months (subnational)

MMR	2 years (national); 6-7 years (subnational)
OPV	3, 4, 6 months; 2, 7, 14 years
Rubella	14 years (girls)
Td	14 years
TT	18 years

								2005				
Births								45,000				
Surviving infa		43,000										
Total populati								65,000				
Infant mortali							1,7	87				
Under-five me		120										
Gross nationa		10,250										
Percentage of								100%				
T ercentage of	Toutine	LIIVacc	11163 11116	inceu i	y govern			10076				
National of	covera	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)					
	2005	2004	2003	2002	2001	2000	1990	1980				
BCG	99%	99%	99%	99%	99%	99%	93%	92%				
DTP1	98%	98%	98%	98%	98%	98%	99%	89%				
DTP3	97%	97%	97%	97%	97%	97%	92%	71%				
HepB3	85%	85%	85%	85%	85%	85%						
Hib3												
MCV	90%	90%	90%	90%	90%	90%	87%	63%				
Pol3	97%	97%	97%	97%	97%	97%	90%	46%				
TT2+ (PAB)												
District co	verag	e (as r	eportec	1)								
							2005	2004				
Number of di	stricts in	country					24	24				
Percentage of	districts	reportir	ng				100%	100%				
·		·			below 5	0%	0%	0%				
DTP3: propor	tion of di	stricts w	ith cove	rage	betwee	n 50-79%	4%	0%				
				Ü	at 80%	or above	96%	100%				
MCV/ proport	ion of die	trioto v	ith agya	raga at	.00% or 6	hous	000/	38%				
MCV: proport						above	88%	30%				
DTP1-DTP3 d have achieved				oi aisti	icis inai		62%	63%				
Supply: any v	accine su	pply inte	erruption	?			Yes	Yes				
					Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations							

BCG	birth	Measles	9 months
DT	6 years	OPV	2, 3, 4 months
DTwP	2, 3, 4, 18 months	TT	1st contact pregnancy;
HenB	birth: 2, 9 months	+	-1, +6 months; +1, +1 year

Brazil

								2005
Births								726,000
Surviving inf	ants						3,6	32,000
Total populat	ion						186,4	105,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				31
Under-five m	ortality ra	ate (per	1,000 liv	e births)				33
Gross nation	al income	per cap	oita (PPP	, US\$)				8,230
Percentage of	f routine	EPI vaco	ines fina	anced by	govern	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	79%	56%
DTP1	96%	96%	99%	99%	99%	99%	86%	62%
DTP3	96%	96%	96%	99%	98%	99%	66%	37%
HepB3	92%	90%	91%	92%	92%	99%		
Hib3	96%	96%	96%	93%	93%	97%		
MCV	99%	99%	99%	97%	99%	99%	78%	56%
Pol3	98%	98%	99%	99%	99%	99%	58%	69%
TT2+ (PAB)								
- D1 - 1 -								
District c	overag	e (as r	eported	d) (t				

		2005	2004		
Number of districts in country		5564	5560		
Percentage of districts reporting		97%	100%		
	below 50%	1%	1%		
DTP3: proportion of districts with coverage	between 50-79%	13%	15%		
	at 80% or above	86%	84%		
MCV: proportion of districts with coverage a	coverage at 90% or above 10%				
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%		81%			
Supply: any vaccine supply interruption?	Yes				
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations					

BCG	birth; 6-10 years (subnational)
DT	2, 4, 6, 15 months; high-risk groups
DTwP	15 months; 4-6 years
DTwPHib	2, 4, 6 months
DTwPHibHep	2, 4, 6 months
НерА	>1 year; +6 months (high-risk groups)
НерВ	birth; 1, 6 months

Hib >12 months; high-risk groups Influenza >6 months; +1 month IPV 2, 4, 6, 15 months; high-risk groups MMR 1, 4-6 years OPV 2, 4, 6, 15 months Td 7 years; +2, +2 months; every 10 years Yellow fever >9 months

Brunei Darussalam

								2005	
Births								8,000	
Surviving infants									
Total population									
Infant mortali	ty rate (p	er 1,000	live bir	ths)				8	
Under-five mo	ortality ra	ite (per	1,000 liv	e births	s)			9	
Gross national income per capita (PPP, US\$)									
Percentage of	routine	EPI vaco	ines fina	anced b	y goverr	nment		100%	
National o	covera	ge ra	tes (W	HO/UI	VICEF e	stimates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG	96%	99%	99%	99%	99%	99%	91%	99%	
DTP1	99%	99%	99%	99%	99%	99%	97%	96%	
DTP3	99%	92%	95%	97%	99%	99%	93%	89%	
HepB3	99%	99%	99%	99%	99%	99%	96%		
Hib3	99%	92%							
MCV	97%	99%	99%	99%	99%	99%	99%	73%	
Pol3	99%	92%	95%	97%	99%	99%	92%	89%	
TT2+ (PAB)									
District coverage (as reported)									
2005 2004									
Number of districts in country 4								4	
Percentage of	districts	reporti	ng						
					below 5	0%			
DTP3: proport	ion of di	stricts w	vith cove	rage		n 50-79%			
						or above	100%		
MCV: proporti	on of die	stricte w	ith covo	rage at	90% or	phoyo	100%		
DTP1-DTP3 d				•		above	100 /6		
have achieved				or alstr	iots triat		100%		
Supply: any va	accine su	pply inte	erruption	?			No		
Safety: propo									
Of autoursable	; (AD) 5y	illiges i	or all for	itilie ili	IIIIuiiizai	10115			
Immuniza	tion s	chedu	ıle						
BCG			birth	MI	ИR	12 month	s; 10-13	years	
DT		5 y	ears/	OP	V	2, 3, 4 m	onths; 5	years	
DTwP	2,	3, 4 mc	nths	TT			23, 32 v		
DTwPHib	2,	3, 4 mc	nths			pre	gnant w	omen	
НерВ	birth;	1, 6 mc	nths						

Bulgaria

Percentage of National C BCG DTP1 DTP3 HepB3 Hib3 MCV	980 99% 98% 98% 							
BCG DTP1 DTP3 HepB3 Hib3	99% 98% 98% 							
DTP1 DTP3 HepB3 Hib3	99% 98% 98% 							
Pol3 TT2+ (PAB)	98% 99% 							
District appearage (se reported)								
below 50% DTP3: proportion of districts with coverage between 50-79%								
	00%							
Safety: propor	No 00%							
Immuniza								
BCG 2 days; 7 months; 7, 11, 17 years; other than 2 days only with scar DT 7 years DTWP 2, 3, 4 months; 2 years HepB birth; 1, 6 months TO 2, 3, 4, 14, 22 mont 7 years; 0' dose high-risk groups at birth; 1, 6 months TT 45, 55, 65, 75, 85 years								
Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage below 50%								

								2005		
Births										
Surviving infants										
· ·		43,000 28,000								
Total population										
Under-five mortality rate (per 1,000 live births)										
Gross nationa	l income	per car	ita (PPP,	US\$).				1,220		
Percentage of								100%		
					, ,					
National o	covera	ge ra	tes (W	HO/U	VICEF e	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	99%	99%	83%	90%	80%	80%	95%			
DTP1	99%	99%	99%	89%	86%	84%	92%			
DTP3	96%	88%	84%	69%	68%	57%	66%			
HepB3										
Hib3										
MCV	84%	78%	76%	64%	69%	59%	79%			
Pol3	94%	83%	83%	69%	68%	57%	66%			
TT2+ (PAB)	75%	65%	50%	50%	45%	45%				
District coverage (as reported)										
							2005	2004		
Number of dis	stricts in	country					55	55		
Percentage of	districts	reportir	ng				100%	100%		
					below 5	60%	0%	0%		
DTP3: proport	ion of di	stricts w	ith cove	rage	betwee	n 50-79%	2%	24%		
					at 80%	or above	98%	76%		
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	above	35%	11%		
DTP1-DTP3 di				of distr	icts that					
have achieved	l a rate o	f less th	ian 10%				69%	35%		
Supply: any va	accine su	pply inte	erruption	?			No	No		
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations 100°								100%		

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

TT 1st contact pregnancy; +1, +6 months; +1, +1 year Yellow fever 9 months

Burundi

								2005
Births							3	347,000
Surviving in	fants						3	311,000
Total popula	tion						7,5	548,000
Infant morta	lity rate (p	er 1,000	live bir	ths)				114
Under-five n	nortality ra	ate (per	1,000 liv	e births)				190
Gross nation	al income	per cap	oita (PPP	, US\$)				640
Percentage of	of routine	EPI vaco	ines fina	anced by	govern/	ment		7%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	84%	84%	84%	84%	84%	84%	97%	
DTP1	86%	86%	86%	86%	86%	86%	95%	
DTP3	74%	74%	74%	74%	74%	74%	86%	
HepB3	74%	74%						
Hib3	74%	74%						
MCV	75%	75%	75%	75%	75%	75%	74%	
Pol3	64%	64%	64%	64%	64%	64%	97%	
TT2+ (PAB)	45%	45%	49%	53%	56%	60%		
D:								

District coverage (as reported)

		2005	2004
Number of districts in country	17	17	
Percentage of districts reporting	100%	100%	
	below 50%	0%	0%
DTP3: proportion of districts with coverage	between 50-79%	24%	29%
	at 80% or above	76%	71%
MCV: proportion of districts with coverage at	t 90% or above	29%	24%
DTP1–DTP3 drop-out rate: proportion of distributed a rate of less than 10%	ricts that	35%	47%
Supply: any vaccine supply interruption?		Yes	Yes
Safety: proportion of districts supplied with sof autodisable (AD) syringes for all routine in		100%	100%

Immunization schedule

BCG	birth
DTwP	6, 10, 14 weeks
DTwPHib (doses r	6, 10, 14 weeks emaining from 2004)
HepB (doses r	6, 10, 14 weeks emaining from 2004)
Measles	9 months

ivienAC	>2 years with 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
Yellow fe	ever travellers

								2005
Births							4	29,000
Surviving infa		89,000						
Total populati	on						14,0	71,000
Infant mortali	ty rate (p	er 1,000	live birt	hs)				98
Under-five me	ortality ra	ite (per	1,000 liv	e births	s)			143
Gross nationa	al income	per cap	oita (PPP,	US\$).				2,490
Percentage of	routine	EPI vacc	ines fina	nced b	y govern	ment		7%
National o	covera	ge ra	tes (W	1U\OH	VICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	87%	95%	76%	63%	64%	81%	52%	
DTP1	85%	92%	74%	60%	65%	78%	63%	
DTP3	82%	85%	69%	54%	60%	50%	38%	
HepB3								
Hib3								
MCV	79%	80%	65%	52%	59%	65%	34%	
Pol3	82%	86%	69%	54%	59%	62%	38%	
TT2+ (PAB)	53%	51%	43%	40%	40%	40%		
District co	verag	e (as r	eported	l)				
							2005	2004
Number of di	stricts in	country					76	75
Percentage of	districts	reportir	ng				100%	100%
					below 5	0%	1%	1%
DTP3: propor	tion of di	stricts w	ith cove	rage	betweer	50-79%	54%	29%
					at 80% d	or above	45%	69%
MCV: proport	ion of dis	tricts w	ith cove	rage at	- 90% or a	hove	14%	13%
DTP1-DTP3 d				_		5000	14/0	1370
have achieved				or alott	ioto triat		88%	76%
Supply: any va	accine su	pply inte	erruption	?			No	No
Safety: propo								
of autodisable	e (AD) sy	ringes fo	or all rou	ıtine in	nmunizati	ons	100%	100%
lmmuniza	ition s	chedu	ıle					
BCG		ı	oirth	OP	V	6,	10, 14 v	veeks
DTwP		I0, 14 w		TT	preg	CBAW ar		
DTwPHep		I0, 14 w		Vit	amin A	6-59 ma	+1, +1 onths chi	-
НерВ	birth (subnatio	nal)			d post-pa	rtum w	omen
Measles	(within 8 weeks of delivery						ivery)	

9 months

Measles

Cameroon

								2005
Births	563,000							
Surviving infa		5	11,000					
Total populati	on						16,3	22,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				87
Under-five mo	ortality ra	ite (per	1,000 liv	e birth	s)			149
Gross nationa								2,150
Percentage of	routine	EPI vaco	ines fina	anced I	by govern	ment		34%
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	77%	83%	82%	77%	77%	77%	76%	
DTP1	85%	80%	79%	71%	66%	62%	70%	
DTP3	80%	73%	73%	63%	58%	53%	48%	
HepB3	79%							
Hib3								
MCV	68%	64%	61%	53%	47%	49%	56%	
Pol3	79%	72%	72%	63%	56%	49%	54%	
TT2+ (PAB)	65%	60%	62%	63%	64%	65%		
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	stricts in	country					159	159
Percentage of	districts	reportin	ng					100%
					below 5	0%	3%	6%
DTP3: proport	ion of di	stricts w	vith cove	rage	between	50-79%	46%	68%
					at 80% c	or above	51%	26%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	9%	6%
DTP1-DTP3 d				of dist	icts that		=00/	2.10/
have achieved	l a rate o	of less th	ian 10%				78%	64%
Supply: any va	accine su	pply inte	erruption	?			Yes	No
Safety: propos of autodisable		100%	100%					

Immunization schedule

BCG birth
DTPHep 6, 10, 14 weeks
Measles 9 months
OPV birth; 6, 10, 14 weeks
TT CBAW and pregnant women;
+1, +6 months; +1, +1 year

Vitamin A 6, 12 months;
post-partum women every
6 months up to 3 years

Yellow fever 9 months

								2005	
Births									
Surviving infa	3:	26,000							
Total population	on						32,2	68,000	
Infant mortalit	y rate (p	er 1,000	live bir	ths)				5	
Under-five mo	rtality ra	ite (per	1,000 liv	e birth	s)			6	
Gross nationa	l income	per cap	oita (PPP	, US\$).			;	32,220	
Percentage of	routine	EPI vaco	ines fina	anced I	y govern	ment		100%	
National coverage rates (WHO/UNICEF estimates, 2005)									
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG									
DTP1	97%	97%	97%	97%	97%	97%	96%		
DTP3	94%	94%	91%	91%	91%	91%	88%		
HepB3									
Hib3	83%	83%	83%	84%	85%	86%			
MCV	94%	94%	95%	95%	95%	95%	89%		
Pol3	89%	89%	88%	88%	88%	88%	88%		
TT2+ (PAB)									
District co	verag	e (as r	eported	d)					
							2005	2004	
Number of dis	stricts in	country							
Percentage of	districts	reportir	ng						
					below 5	0%			
DTP3: proport	ion of di	stricts w	ith cove	erage	betweer	50-79%			
					at 80% o	or above			
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove			
DTP1–DTP3 di have achieved				of distr	icts that				
Supply: any va	accine su	pply inte	erruption	1?			No		
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations									

DTaPHibIPV	2, 4, 6, 18 months
DTaPIPV	4-6 years
НерВ	3 doses in infancy or adolescence
Influenza	6-23 months
MenC_conj	2, 4, 6 months

MMR 12, 18 months or 4-6 years
Pneumo_conj 2, 4, 6,
12-15 months
Td 14-16 years

Cape Verde

								2005
Births								15,000
Surviving infa		15,000						
Total populati	on						50	07,000
Infant mortali	ty rate (p	er 1,000	live birt	hs)				26
Under-five mo	ortality ra	ite (per	1,000 liv	e birth	s)			35
Gross nationa	I income	per cap	oita (PPP	US\$)				6,000
Percentage of	routine	EPI vacc	ines fina	nced l	by govern	ment		80%
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	78%	79%	78%	92%	84%	92%	97%	
DTP1	75%	78%	89%	96%	79%	93%	96%	
DTP3	73%	75%	78%	94%	78%	86%	88%	
HepB3	69%	68%	54%	40%				
Hib3								
MCV	65%	69%	68%	85%	72%	80%	79%	
Pol3	72%	76%	79%	94%	77%	86%	87%	
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of di	stricts in	country					17	17
Percentage of	districts	reportir	ng				100%	100%
					below 5	0%	12%	12%
DTP3: proport	ion of di	stricts w	vith cove	rage	between	50-79%	53%	53%
					at 80% c	r above	35%	35%
MCV: proport	ion of dis	stricts w	ith cove	rage at	_ t 90% or a	bove	18%	12%
DTP1-DTP3 d				of dist	ricts that			
have achieved	d a rate o	of less th	an 10%				100%	88%
Supply: any va	accine su	pply inte	erruption	?			No	No
	Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations							

Immunization schedule

BCG	birth	OPV	birth; 6,	10, 14 weeks;
DTwP	6, 10, 14 weeks;			15.5 months
	15.5 months	TT		ct pregnancy;
НерВ	birth; 6, 14 weeks		+1, +6 month	s; +1, +1 year
Measles	9 months	Yellow 1	ever	travellers

Central African Republic

								2005
Births	1	50,000						
Surviving infa	1:	35,000						
Total populati	on						4,0	38,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				115
Under-five mo	ortality ra	ate (per	1,000 liv	e birth	s)			193
Gross nationa	ıl income	per cap	oita (PPP	, US\$).				1,140
Percentage of	routine	EPI vaco	ines fina	anced l	oy govern	ment		0%
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	70%	70%	70%	70%	70%	64%	93%	17%
DTP1	65%	65%	65%	65%	65%	62%	95%	35%
DTP3	40%	40%	40%	40%	40%	37%	82%	13%
HepB3								
Hib3								
MCV	35%	35%	35%	35%	35%	36%	83%	12%
Pol3	40%	40%	40%	40%	40%	38%	82%	13%
TT2+ (PAB)	56%	57%	58%	59%	60%	61%		
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	stricts in	country					24	24
Percentage of	districts	reporti	ng				100%	100%
					below 5	0%	46%	50%
DTP3: proport	tion of di	stricts v	vith cove	rage	betweer	n 50-79%	33%	33%
					at 80% o	or above	21%	17%
MCV: proporti	ion of dis	stricts w	ith cove	rage at	90% or a	bove	33%	25%
DTP1-DTP3 d				of distr	ricts that		4%	0%
							.,,	
Supply: any va							Yes	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
Measles	9 months
OPV	hirth: 6 10 14 18 weeks

TT pregnant women; +1, +6 months; +1, +1 year Yellow fever 9 months

Chad

BirthsSurviving information of the surviving information of the surv	4 9,7	2005 71,000 17,000 49,000 124 208 1,470 78%						
National			tes (W	HU/UN			, 2005)	
BCG	2005 40%	2004 20%	2003 40%	2002 46%	2001 52%	2000 49%	1990 59%	1980
DTP1	45%	45%	45%	45%	44%	45%	44%	
DTP3	20%	20%	20%	23%	26%	24%	20%	
HepB3	2070	2070	2070	2070	2070		2070	
Hib3								
MCV	23%	23%	23%	25%	26%	28%	32%	
Pol3	36%	36%	36%	31%	26%	29%	20%	
TT2+ (PAB)	39%	39%	39%	39%	39%	39%		
District	0110 KO G	2 /		1				
District co	overag	e (as r	eported)				
Number of d	ietricte in	country					2005 55	2004 55
Percentage o		,					98%	96%
r ercentage o	uistricts	reportii	ig	Г	below 50	1 0/	36%	55%
DTP3: propor	tion of di	atriata v	uith agus		between		44%	31%
DTF3. propor	tion or ar	Stricts v	vitii cove		at 80% c		18%	11%
				L			,.	, .
MCV: proport				•		bove	22%	4%
DTP1-DTP3 of have achieve				ot distric	ets that		9%	9%
Supply: any v	accine su	nnly inte	erruption	7			Yes	Yes
Safety: propo		,			ıfficient ı	number	100	100
of autodisabl	e (AD) sy	ringes f	or all rou	itine im	munizati	ons	100%	
Immuniza	ation s	chedu	ıle					
						4		
BCG DTwP	6	10. 14 w	birth	TT		1st conta +1, +	ct pregn 2, +6 mc	
Measles	0,	9 ma					+1, +1	•
OPV	birth; 6,			Yell	ow fever		9 m	onths
e: :	, 0 /	., ••						

Births										
National coverage rates (WHO/UNICEF estimates, 2005)										
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 95% 92% 91% 91% 90% 92%	2004 95% 94% 93% 93% 94%	2003 95% 98% 96% 96% 96%	2002 96% 98% 97% 97% 95% 97%	2001 98% 98% 97% 97% 96%	2000 93% 98% 91% 91% 97% 91%	1990 94% 98% 95% 97% 95%	1980 96% 97% 93% 94% 93%		
District co	verag	e (as r	eported	d)						
District coverage (as reported) 2005 Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage below 50% between 50-79% at 80% or above 86% MCV: proportion of districts with coverage at 90% or above 59%										
DTP1-DTP3 di	l a rate c	of less th	an 10%							
Supply: any va Safety: propor of autodisable	tion of c	districts :	supplied	l with s						
lmmuniza	tion s	chedu	le							
BCG birth Influenza >65 years; high-ri DT 7 years groups, health worke										

18 months; 4 years

2, 4, 6 months

2, 4, 6 months

MMR

OPV

DTwP

HepB

DTwPHib

1, 6 years

2, 4, 6, 18 months

China

Births										
National c	overa	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)			
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	DTP1 95% 95% 95% 95% 95% 95% DTP3 87% 86% 86% 86% 85% HepB3 84% 84% 82% 81% 77% 72% Hib3 MCV 86% 86% 85% 85% 85% 85% Pol3 87% 87% 86% 86% 86% 86%									
	TT2+ (PAB)									
District coverage (as reported) Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage below 50% between 50-79% at 80% 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 2005 200 2006 And 2005 200 2006 And 2005 2006 And 2005 2006 And 2007 2008 And 2008 And 2008 And 2008 And 2009 A										
Immunization schedule BCG birth Measles 8, 18-24 DT 6 years MenAC DTwP 3, 4, 5 months OPV 2, 3, 4 HepB birth; 1, 6 months JE 8, 18-24 months; 6 years (subnational)								years		

Births Surviving infa Total population Infant mortalit Under-five mo Gross nationa Percentage of	94	2005 68,000 45,000 00,000 17 21 7,420 100%						
National o	2005)							
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 87% 95% 87% 87% 87% 89% 	2004 92% 95% 89% 89% 91% 89%	2003 96% 95% 91% 93% 93% 92% 91%	2002 85% 95% 85% 76% 65% 89% 81%	2001 87% 93% 80% 80% 55% 90% 83%	2000 86% 92% 74% 61% 75% 78%	1990 95% 96% 88% 82% 93%	1980 45% 39% 16% 13% 16%
District co	verag	e (as r	eportec	I)				
Number of dis Percentage of DTP3: proport	districts	reportir	ith cove		at 80% o	50-79% or above	2005 1119 100% 9% 34% 57% 41%	2004 1119 99% 10% 33% 57% 43%
DTP1-DTP3 dı	op-out r	ate: pro	portion	_		Dove	82%	43 /0
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								Yes
Immuniza	tion s	chedu	le					
BCG birth MMR DTwP 18 months; 5 years OPV birth; 2, 4, 6, 18								years onths;

DTwPHibHep

HepB

IPV

2, 4, 6 months

high-risk groups

birth

Td

Yellow fever

5 years

1 year

pregnant women; CBAW in

high-risk areas (5 doses)

Comoros

		2005						
Births							1	77,000
Surviving infa	1	64,000						
Total population	3,9	99,000						
Infant mortalit			81					
Under-five mo		108						
Gross nationa								810
Percentage of	routine	EPI vaco	ines fina	anced I	oy goveri	nment		70%
National o	overa	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	73%	85%	60%	51%	53%	50%	90%	92%
DTP1	73%	67%	61%	49%	42%	58%	92%	67%
DTP3	65%	67%	50%	41%	31%	33%	79%	42%
HepB3								
Hib3								
MCV	56%	65%	50%	37%	35%	34%	75%	49%
Pol3	65%	67%	50%	41%	32%	33%	80%	42%
TT2+ (PAB)	65%	65%	63%	55%	47%	39%		
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	stricts in	country					27	27
Percentage of	districts	reporti	ng				100%	100%
					below 5	50%	15%	33%
DTP3: proport	ion of di	stricts v	vith cove	erage	betwee	n 50-79%	74%	44%
					at 80%	or above	11%	22%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or	above	0%	0%
DTP1-DTP3 dr have achieved				of dist	ricts that		4%	33%
Supply: any va	accine su	pply inte	erruption	1?			No	Yes
Safety: propor of autodisable							100%	100%

BCG	birth
DTwP	2, 3, 4, 16 months
Measles	9 months
OPV	hirth: 2 3 4 months

TT 1st contact pregnancy; +1, +6 months; +1, +1 year Vitamin A 9 months Yellow fever 9 months

Congo, Democratic Republic of

Births										
National of	covera	ge rat	tes (W	HO/UN	ICEF es	timates	, 2005)			
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3	2005 84% 82% 73% 70%	2004 78% 76% 64% 64% 63%	2003 68% 61% 49% 54%	2002 55% 53% 43% 45% 45%	2001 45% 32% 32% 37% 33%	2000 57% 49% 40% 46% 42%	1990 65% 60% 35% 38% 34%	1980 57% 18%		
TT2+ (PAB)	66%	58%	48%	44%	50%	50%				
District co	verag	e (as r	eportec	l)						
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% Supply: any vaccine supply interruption? Yes Yes Safety: proportion of districts supplied with sufficient number										
DTP1-DTP3 d have achieved Supply: any va Safety: propo	rop-out r d a rate o accine su rtion of c	ate: pro f less th pply inte	portion of an 10% erruption supplied	of distriction of dis	ets that	number	47% Yes	13% 45% Yes 100%		
DTP1-DTP3 d have achieved Supply: any va Safety: propo	rop-out r d a rate o accine su rtion of c e (AD) sy	ate: pro f less th pply inte listricts : ringes fo	portion of an 10% erruption supplied or all rou	of distriction of dis	ets that	number	47% Yes	45% Yes		

								2005				
Births		0										
Surviving inf	ants											
Total populat		18,000										
Infant mortal		17										
Under-five m		20										
Gross national income per capita (PPP, US\$)												
Percentage of routine EPI vaccines financed by government 1												
National	covera	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)					
	2005	2004	2003	2002	2001	2000	1990	1980				
BCG	99%	99%	99%	95%	99%	99%	99%	29%				
DTP1	99%	99%	96%	99%	97%	98%	97%	65%				
DTP3	99%	99%	96%	99%	92%	97%	93%	40%				
HepB3	99%	99%	93%	99%	92%	97%	71%					
Hib3												
MCV	99%	99%	99%	98%	84%	76%	67%					
Pol3	99%	99%	95%	99%	92%	94%	83%	39%				
TT2+ (PAB)												
District co	overag	e (as r	eportec	l)								
							2005	2004				
Number of d	istricts in	country					41	41				
Percentage o	f districts	reportir	ng				100%	100%				
					below 5	50%		0%				
DTP3: propor	tion of di	stricts w	ith cove	rage	betwee	n 50-79%		0%				
					at 80%	or above	100%	100%				
MCV: proport	tion of dis	stricts w	ith cove	rage at	90% or	above	100%	100%				
DTP1-DTP3 o				of distr	icts that		200/	4000/				
have achieve	d a rate c	f less th	an 10%				98%	100%				
Supply: any v		,					No	Yes				
Safety: propo of autodisabl							100%	100%				
Immuniza	ation s	chedu	le									
BCG			birth	Me	easles		9, 12 m	onths				
DT		5 y	ears	OF	V		3, 6, 9 m					
DTwP	3,	6, 9 mg	nths	TT		1st conta	act pregr	ancy;				
НерВ	hirth:	1 6			±28-32 w							
HepB birth; 1, 6 months												

Costa Rica

								2005	
Births								79,000	
Surviving in	fants							79,000	
Total popula	tion						4,3	327,000	
Infant morta	lity rate (p	oer 1,000	live bir	ths)			11		
Under-five m	nortality ra	ate (per	1,000 liv	e births)				12	
Gross nation	al income	e per cap	oita (PPP	, US\$)				9,680	
Percentage of	of routine	EPI vaco	ines fina	anced by	govern	ment			
National	covera	ige ra	tes (W	HO/UN	ICEF es	stimates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG	88%	90%	87%	91%	87%	92%	92%	80%	
DTP1	89%	89%	89%	97%	91%	90%	98%	95%	
DTP3	91%	90%	88%	94%	91%	88%	95%	86%	
HepB3	90%	89%	86%	94%	80%	89%			
Hib3	89%	90%	87%	93%	89%	92%			
MCV	89%	88%	89%	94%	82%	82%	90%	60%	
Pol3	91%	90%	88%	94%	92%	80%	95%	86%	
TT2+ (PAB)									

District coverage (as reported)

Number of districts in country		2005 81	2004 81
Percentage of districts reporting			100%
	below 50%		0%
DTP3: proportion of districts with coverage	between 50-79%		10%
	at 80% or above		90%
MCV: proportion of districts with coverage a	t 90% or above	0%	63%
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			100%

Immunization schedule

BCG	birth
DT	10 years
DTwP	4, 15 months; 4 years
DTwPHibHep	2, 6 months
НерВ	birth
Hib	4, 15 months

Influenza 4, >65 years

MMR 15 months; 7 years

OPV 2, 4, 6 months; 4 years

Td 10 years; every 10 years

Varicella 15 months–14 years (high-risk groups)

								2005
Births							65,000	
Surviving infants								87,000
Total population								54,000
Infant mortalit							,	118
Under-five mo								195
Gross nationa	l income	per cap	oita (PPP	, US\$).				1,490
Percentage of	routine	EPI vaco	ines fina	anced I	oy govern	ment		53%
No. of the last								
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002		2000	1990	1980
BCG	61%	51%	66%	66%		84%	62%	
DTP1	71%	63%	72%	72%	,-	87%	77%	
DTP3	56%	50%	54%	54%	,-	72%	54%	
HepB3	56%	50%	48%	48%	10%			
Hib3							•••	
MCV	51%	49%	56%	56%	61%	73%	56%	
Pol3	56%	50%	54%	54%	57%	72%	56%	
TT2+ (PAB)	73%	75%	77%	78%	80%	79%		
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of dis	stricts in	country					66	66
Percentage of	districts	reporti	ng					100%
					below 5	0%	27%	45%
DTP3: proport	ion of di	stricts v	vith cove	erage	betweer	50-79%	64%	48%
					at 80% o	or above	9%	6%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	2%	0%
DTP1-DTP3 di				of dist	ricts that		20%	18%
have achieved	i a rate c	ot less tr	ian 10%				20%	18%
Supply: any va	accine su	pply inte	erruption	1?			Yes	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations					83%	100%		

BCG	birth	TT	pregnant women
DTwPHep	6, 10, 14 weeks		contact pregnancy; nth; +1, +1, +1 year
Measles	9 months	Vitamin A	6, 12 months
OPV	6, 10, 14 weeks	Yellow fever	9 months

Croatia

								2005
Births4								41,000
Surviving infa	nts							40,000
Total population	on						4,5	51,000
Infant mortalit	ty rate (p	er 1,000	live birt	hs)				6
Under-five mo	ortality ra	ite (per	1,000 liv	e births	;)			7
Gross nationa	l income	per cap	oita (PPP	US\$)				12,750
Percentage of	routine l	EPI vacc	ines fina	inced b	y govern	ment		100%
National o	covera	ge ra	tes (W	HO/UN	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	99%	97%	99%		
DTP1	96%	96%	97%	99%	94%	97%		
DTP3	96%	96%	94%	95%	94%	93%		
HepB3	99%							
Hib3	96%	93%	95%	77%				
MCV	96%	96%	95%	95%	94%	93%		
Pol3	96%	98%	95%	95%	94%	94%		
TT2+ (PAB)								
District oc	Morad	0 /00 "	0 10 0 mt 0 0	I.V				
District co	verag	e (as r	eportec	l)				
				l)			2005	2004
Number of dis	stricts in	country)			113	113
	stricts in	country		()				113 100%
Number of dis Percentage of	stricts in districts	country reportir	ng		below 5		113	113 100% 0%
Number of dis	stricts in districts	country reportir	ng		betweer	50-79%	113 	113 100% 0% 0%
Number of dis Percentage of	stricts in districts	country reportir	ng			50-79%	113 	113 100% 0%
Number of dis Percentage of	stricts in districts ion of di	country reportir stricts w	ng vith cove	rage	betweer	n 50-79% or above	113 	113 100% 0% 0%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1–DTP3 di	stricts in districts ion of di on of dis	country reportin stricts w stricts w ate: pro	ng vith cove ith cover portion o	rage	betweer at 80% o - 90% or a	n 50-79% or above	113 100%	113 100% 0% 0% 100%
Number of dis Percentage of DTP3: proport	stricts in districts ion of di on of dis	country reportin stricts w stricts w ate: pro	ng vith cove ith cover portion o	rage	betweer at 80% o - 90% or a	n 50-79% or above	113 100%	113 100% 0% 0% 100%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1–DTP3 di	stricts in districts ion of di on of dis rop-out r I a rate o	country reportir stricts w stricts w ate: pro of less th	ng vith cover ith cover portion of an 10%	rage rage at of distri	betweer at 80% o - 90% or a	n 50-79% or above	113 100% 86%	113 100% 0% 0% 100%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1–DTP3 di have achieved Supply: any va Safety: proporti	estricts in districts in districts ion of districts on of district on one of the district of control of contro	country reportir stricts w stricts w ate: pro of less th pply inte	ng ith cover ith cover portion of an 10% erruption supplied	rage rage at of distri ? with s	at 80% of 90% or a cts that	n 50-79% or above bove number	113 100% 86% 	113 100% 0% 0% 100% 100%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1–DTP3 di have achieved Supply: any va	estricts in districts in districts ion of districts on of district on one of the district of control of contro	country reportir stricts w stricts w ate: pro of less th pply inte	ng ith cover ith cover portion of an 10% erruption supplied	rage rage at of distri ? with s	at 80% of 90% or a cts that	n 50-79% or above bove number	113 100% 86%	113 100% 0% 0% 100%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1–DTP3 di have achieved Supply: any va Safety: proporti	stricts in districts ion of di on of dis rop-out r I a rate o accine su rtion of c a (AD) sy	country reportir stricts w stricts w ate: pro of less th pply inte	ng with cover ith cover portion of an 10% erruption supplied or all rou	rage rage at of distri ? with s	at 80% of 90% or a cts that	n 50-79% or above bove number	113 100% 86% 	113 100% 0% 0% 100% 100%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1-DTP3 di have achieved Supply: any va Safety: propoi of autodisable	estricts in districts in districts in on of districts on of districts rop-out r districts are considered in the constant of constant in the co	country reportir stricts w stricts w ate: pro of less th pply inte	ng vith cover ith cover portion of an 10% erruption supplied or all rou	rage rage at of distri ? with s	betweer at 80% of 90% or a cts that ufficient imunizati	n 50-79% or above bove number	113 100% 86% No	113 100% 0% 0% 100% 100%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1-DTP3 di have achieved Supply: any va Safety: propoi of autodisable Immuniza BCG	estricts in districts in districts in on of districts on of districts rop-out r districts are considered in the constant of constant in the co	country reportir stricts w stricts w stricts pro f less th pply inte districts ringes fo	ng with cover ith cover portion of an 10% erruption supplied or all rou	rage at of distri	betweer at 80% of 90% or a cts that ufficient amunizati	n 50-79% or above bove number	113 100% 86% No	113 100% 0% 0% 100% 100% Yes
Number of dis Percentage of DTP3: proport MCV: proporti DTP1-DTP3 di have achieved Supply: any va Safety: propoi of autodisable Immuniza BCG	on of districts on of districts on of districts on of districts on of district on of ce (AD) sy	country reportir stricts w stricts w stricts pro f less th pply inte districts ringes fo	ith cover ith co	rage at of distri	betweer at 80% of 90% or a cts that ufficient amunizati	n 50-79% or above bove number ions	113 100% 86% No	113 100% 0% 0% 100% 100% Yes years
Number of dis Percentage of DTP3: proport MCV: proporti DTP1-DTP3 di have achieved Supply: any va Safety: proporti autodisable Immuniza BCG DTaP 3, 4, HepB	on of districts on of districts on of districts on of districts on of district on of ce (AD) sy	country reportir stricts w stricts w ate: pro of less th pply inte districts: ringes fo chedu rth; 13 y as; 1, 3 y ars (3 do	ng with cover ith cover it	rage rage at of distri r with sittine im	betweer at 80% of 90% or a cts that ufficient amunizati	n 50-79% or above bove number ions	113 100% 86% No 	113 100% 0% 0% 100% Yes

								2005
Births							34,000	
Surviving infants							34,000	
Total populati	on						11,2	69,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				6
Under-five mo	•	•						7
Gross nationa								
Percentage of	routine	EPI vacc	ines fina	anced b	by govern	ment		99%
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	98%	99%
DTP1	99%	89%	90%	99%	99%	98%	97%	86%
DTP3	99%	88%	71%	99%	99%	95%	92%	67%
HepB3	99%	99%	99%	98%	99%	98%		
Hib3	94%	99%	99%	78%	99%	78%		
MCV	98%	99%	99%	98%	99%	94%	94%	48%
Pol3	99%	98%	98%	98%	99%	99%	94%	99%
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	stricts in	country					169	169
Percentage of	districts	reportir	ng					100%
					below 5	0%	0%	3%
DTP3: proport	tion of di	stricts w	vith cove	rage	betweer	50-79%	9%	20%
					at 80% o	or above	91%	78%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	90%	96%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% 100%								
Supply: any va	accine su	pply inte	erruption	?			Yes	Yes
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations 100%								

BCG	birth	Hib	2, 4, 6, 18 months
DT	6 years	MMR	1, 11 years
DTwP	18 months	OPV	<1, 1, 2, 9 years
DTwPHep	2, 4, 6 months	TT	15 years
НерВ	birth	Typhoid	10, 13, 16 years

Cyprus

								2005
Births								10,000
Surviving infa	ants						,	10,000
Total populati	on						83	35,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				4
Under-five me	ortality ra	ate (per	1,000 liv	e birth	s)			5
Gross nationa	al income	per cap	oita (PPP	, US\$).				
Percentage of	routine	EPI vacc	ines fina	anced I	oy govern	ment		
National	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	99%	99%	99%	99%	99%	98%	97%	59%
DTP3	98%	98%	98%	98%	97%	97%	93%	34%
HepB3	88%	88%	88%	89%	89%	89%		
Hib3	58%	58%	58%	32%	32%	32%		
MCV	86%	86%	86%	86%	86%	86%	77%	29%
Pol3	98%	98%	98%	98%	97%	97%	94%	35%
TT2+ (PAB)								
District co	overag	e (as r	enortec	4)				
Diotriot oc	volug	0 (us i	σροιτοι	47			0005	0004
Number of di	stricts in	country					2005	2004
Percentage of		,						83%
. o. ooago o.	4.01.1010	.opo.t	.9		_ below 5	n º/.		0%
DTD2: manage	.:		مادان			o % n 50-79%		0%
DTP3: propor	tion of ai	Stricts w	vitii cove	erage				
					_at 80% o _	or above	83%	83%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove		
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% 17%					100%			
Supply: any v	accine su	pply inte	erruption	1?			Yes	No
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								

Immunization schedule

BCG	only children with continuous contact to contagious TB
DTwP	2, 4, 6, 15-20 months; 4-6 years

HepA 2, 3 years; high-risk groups, travellers, sewage workers, patients with liver problems

HepB 2, 4, 8-12 months; high-risk groups

Hib	2, 4, 6, 12-18 months
IPV	2, 4 months
MMR	13 months; 4-6 years
OPV	6, 15-20 months
Td	7, 14-16 years
Yellow fever	travellers to high-risk areas

Czech Republic

								2005
Births							91,000	
Surviving infants							91,000	
Total populati	on						10,2	20,000
Infant mortalit	ty rate (p	er 1,000	live bir	ths)				3
Under-five mo	ortality ra	ate (per	1,000 liv	e birth	s)			4
Gross nationa	I income	per cap	ita (PPP	, US\$).				20,140
Percentage of	routine	EPI vacc	ines fina	anced l	oy govern	ment		100%
National o	covera	ge rat	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	98%	97%	98%	98%		
DTP1	98%	98%	98%	98%	98%	98%		
DTP3	97%	98%	97%	98%	98%	98%		
HepB3	99%	98%	92%	86%				
Hib3	97%	98%	97%	95%				
MCV	97%	97%	99%	99%	98%	98%		
Pol3	96%	96%	97%	97%	97%	98%		
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	stricts in	country					14	14
Percentage of	districts	reportir	ng					100%
					below 5	0%		0%
DTP3: proport	ion of di	stricts w	ith cove	rage	betweer	50-79%		0%
					at 80% o	or above	100%	100%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	100%	100%
DTP1-DTP3 di				of distr	ricts that		100%	100%
	ı a ratê 0	n iess th	all IU%				100%	10070
Supply: any va							No	No
Safety: propor of autodisable								
Immuniza	tion o	مام ماء	la .					

Immunization schedule

BCG	4 days; 11 years
DT	9 weeks; 3, 4, 18 months
DTaP	5 years
DTaPHib	9 weeks; 3, 4, 18 months

5 years

DTwP

 DTwPHib
 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

Denmark

								2005
Births							62,000	
Surviving infants							62,000	
Total population							5,431,000	
Infant mortality rate (per 1,000 live births)							4	
Under-five mortality rate (per 1,000 live births)								5
Gross national income per capita (PPP, US\$)							;	33,570
Percentage of routine EPI vaccines financed by government							100%	
National coverage rates (WHO/UNICEF estimates, 2005)								
National C								
BCG	2005	2004	2003	2002	2001	2000	1990	1980
		 95%	 95%	 97%		 95%	 98%	 97%
DTP1	93%	,-		,-	97%	/-	/-	,-
DTP3	93%	95%	96%	98%	97%	97%	90%	88%
HepB3								
Hib3	93%	95%	96%	96%	95%	95%		
MCV	95%	96%	96%	99%	94%	99%	84%	
Pol3	93%	95%	96%	98%	97%	97%	99%	99%
TT2+ (PAB)								•••
District coverage (as reported)								
							2005	2004
Number of districts in country							16	16
Percentage of districts reporting								100%
below 50%								0%
DTP3: proportion of districts with coverage between 50-79%								0%
at 80% or above							100%	100%
								0.40/
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%	100%
Supply: any vaccine supply interruption? .								
Safety: proportion of districts supplied with sufficient number								
of autodisable (AD) syringes for all routine immunizations								
Immunization schedule								
DTaPHibIPV						15 mor	onths; 12 years	
DTaPIPV	OTaPIPV 5 years Rubella						>18	years

								2005
Births							:	27,000
Surviving infa	:	25,000						
Total populati	on						7	93,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				88
Under-five me	,							133
Gross nationa								2,240
Percentage of	routine	EPI vaco	ines fina	anced b	y govern	ment		
National o	covera	ge ra	tes (W	HO/UI	VICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	52%	78%	63%	52%	38%	34%	81%	
DTP1	73%	81%	76%	72%	65%	66%	95%	
DTP3	71%	64%	68%	62%	53%	46%	85%	
HepB3								
Hib3								
MCV	65%	60%	66%	62%	49%	50%	85%	
Pol3	71%	64%	68%	62%	49%	46%	85%	
TT2+ (PAB)								
District co	overag	e (as r	eported	d)				
							2005	2004
Number of di	stricts in	country					6	6
Percentage of	fdistricts	reporti	ng					100%
					below 5	0%		0%
DTP3: propor	tion of di	stricts v	ith cove	erage	betweer	1 50-79%	100%	100%
					at 80% o	or above		0%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove		0%
DTP1-DTP3 d				of distr	icts that		0%	0%
Supply: any va							No	No
Safety: propo of autodisable							100%	100%

BCG	birth	TT	1st contact pregnancy;
DTwP	6, 10, 14 weeks;	+1,	+6 months; +1, +1 year
	18 months	Vitamin A	9, +15, +21 months
Measles	9, 24 months		
OPV	birth; 6, 10, 14 weeks		

Dominica

								2005
Births								2,000
Surviving infants								
Total population								79,000
Infant mortal	ity rate (p	er 1,000	live bir	hs)				13
Under-five m	ortality ra	ate (per	1,000 liv	e births				15
Gross nation	al income	per cap	ita (PPP,	US\$)				5,560
Percentage o	f routine	EPI vaco	ines fina	nced b	y govern	ment		
National	covera	ige ra	tes (W	HO/UN	IICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	98%	99%	99%	99%	99%	99%	99%	65%
DTP1	98%	99%	98%	99%	99%	98%	97%	84%
DTP3	98%	99%	99%	98%	99%	99%	92%	63%
HepB3								
Hib3								
MCV	98%	99%	99%	98%	99%	99%	88%	
Pol3	98%	99%	99%	98%	99%	99%	94%	53%
TT2+ (PAB)								
Di et e								
District c	overag	e (as r	eportec	1)				
							2005	2004
Number of d		,					0	7
Percentage o	f districts	reporti	ng		_			
					below 5	0%		
DTP3: propor	tion of di	stricts w	ith cove	rage	between	50-79%		
					at 80% c	or above		
MCV: propor	tion of dis	stricts w	ith cove	rage at	90% or a	bove		
DTP1-DTP3 o	drop-out r	ate: pro	portion (of distri	cts that			
have achieve	d a rate o	of less th	an 10%					
Supply: any v	accine su	pply inte	erruption	?				No
Safety: propo								
of autodisabl	e (AD) sy	ringes f	or all rou	ıtine im	munizati	ons		
Immuniza	ation s	chedu	le					
BCG		3 mo	nths	MN	1R	1 ve	ar; 18 m	onths
DT			ears	OP		•	.5, +6 m	
DTwP	3, +4	، l, +6 mo	nths	Td			11	years
IPV	3, 4.5	5, +6 mo	nths					-
(HIV-posit	ive child	lren)					

Dominican Republic

								2005
Births		2	11,000					
Surviving infa		20	04,000					
Total populati	on						8,89	95,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				26
Under-five mo	ortality ra	ate (per	1,000 liv	e birth	s)			31
Gross nationa	ıl income	per cap	oita (PPP	, US\$).				7,150
Percentage of	routine	EPI vacc	ines fina	anced l	oy govern	ment		65%
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	97%	90%	96%	96%	90%	70%	12%
DTP1	92%	88%	85%	84%	83%	87%	87%	61%
DTP3	77%	71%	65%	63%	62%	68%	69%	36%
HepB3	77%	71%	65%	56%	66%	68%		
Hib3	77%	71%	65%	83%	20%			
MCV	99%	61%	79%	82%	98%	88%	96%	30%
Pol3	73%	57%	60%	63%	74%	54%	90%	46%
TT2+ (PAB)								
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	stricts in	country					158	158
Percentage of	districts	reportir	ng					100%
					below 5	0%	18%	25%
DTP3: proport	tion of di	stricts w	ith cove	erage	betweer	50-79%	37%	33%
					at 80% o	or above	42%	39%
MCV: proporti	ion of dis	stricts w	ith cove	rage at	90% or a	bove	53%	63%
DTP1-DTP3 d have achieved				of distr	ricts that			
Supply: any va	accine su	pply inte	erruption	1?				
Safety: propo of autodisable								
Immuniza	tion e	chedu	مار					

Immunization schedule

BCG		birth
DTwP	2, 4, 6, 1	8 months; 4 years
DTwPH	ib	18 months
DTwPH	ibHep	2, 4, 6 months
НерВ		birth
Hib		2, 4, 6 months
MMR		12 months

MR 1, 5 years
OPV 2, 4, 6 months
Td 1st contact pregnancy;
+1, +6 months; +1, +1 year
Varicella 1 year
Vitamin A 6, 12, 18, 24, 30,
36 months
Yellow fever travellers

Ecuador

								2005
Births							2	295,000
Surviving in	fants						2	288,000
Total popula	tion						13,2	228,000
Infant morta	lity rate (p	er 1,000	live bir	ths)				22
Under-five m	nortality ra	ate (per	1,000 liv	e births))			25
Gross nation	al income	e per cap	oita (PPF	, US\$)				4,070
Percentage of	of routine	EPI vaco	ines fina	anced by	govern/	ment		100%
National	covera	ige ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	89%	76%
DTP1	99%	99%	99%	99%	99%	99%	87%	31%
DTP3	94%	90%	89%	89%	90%	89%	68%	10%
HepB3	94%	90%	58%	85%	71%	38%		
Hib3	94%	90%	58%					
MCV	93%	99%	99%	80%	99%	84%	60%	24%
Pol3	93%	93%	99%	90%	92%	81%	67%	19%
TT2+ (PAB)								

District coverage (as reported)

	2005	2004	
Number of districts in country	167	167	
Percentage of districts reporting	0%	100%	
	below 50%	3%	5%
DTP3: proportion of districts with coverage	between 50-79%	32%	37%
	at 80% or above	65%	59%
MCV: proportion of districts with coverage a	t 90% or above	49%	59%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	72%	0%	
Supply: any vaccine supply interruption?	Yes	Yes	
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in		100%	

Immunization schedule

BCG	birth
DT (scho	5-9 years oolchildren, 2 doses)
DTwP	1-4 years
DTwPHibHep	2, 4, 6 months
HepB	birth (subnational)

MMR 12-23 months
OPV 2, 4, 6 months; 1 year
Td 1st contact pregnancy;
+1, +6 months; +1, +1 year
Yellow fever 1 year (subnational)

BirthsSurviving infa Total populati- Infant mortalit Under-five mo Gross nationa Percentage of	1,8 74,0	2005 09,000 46,000 33,000 28 33 4,440 100%						
National o	overa	ige ra	les (vv	но/о	NICEF	sumates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	98%		98%	89%	50%
DTP1	98%	98%	98%	98%	/-	98%	95%	80%
DTP3	98%	97%	98%	97%		98%	87%	57%
HepB3	98%	97%	98%	97%	99%	93%		
Hib3								
MCV	98%	97%	98%	97%	97%	98%	86%	41%
Pol3	98%	97%	98%	97%	99%	98%	87%	67%
TT2+ (PAB)	80%	75%	71%	71%	71%	71%		
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of dis	stricts in	country					253	251
Percentage of	districts	reporti	ng				100%	100%
					below	50%	0%	0%
DTP3: proport	ion of di	stricts v	vith cove	erage	betwee	n 50-79%		1%
					at 80%	or above	100%	99%
MCV: proporti	on of dis	stricts w	ith cove	rage at	 : 90% or	above	99%	98%
DTP1-DTP3 di	rop-out r	ate: pro	portion	of dist	icts that			
have achieved	l a rate c	of less th	an 10%				100%	100%
Supply: any va	accine su	pply inte	erruption	1?				No
Safety: propor								
of autodisable (AD) syringes for all routine immunizations								100%

BCG	1 month	MMR 18 months
DTwP	18 months	OPV birth; 2, 4, 6, 9, 18 months
DTwPHep	2, 4, 6 months	Vitamin A 9, 18 months
Measles	9 months	

El Salvador

								2005
Births							1	166,000
Surviving infa	nts						1	162,000
Total populati	on						6,8	381,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				23
Under-five mo	ortality ra	ate (per	1,000 liv	e births)				27
Gross nationa	ıl income	per cap	ita (PPP	, US\$)				5,120
Percentage of	routine	EPI vacc	ines fina	anced by	govern/	ment		100%
National of	covera	ige ra	tes (W	HO/UN	ICEF es	timates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	84%	94%	90%	92%	92%	99%	75%	56%
DTP1	89%	90%	96%	93%	97%	99%	93%	69%
DTP3	89%	90%	88%	81%	92%	99%	80%	44%
HepB3	89%	83%	75%	75%	75%	99%		
Hib3	89%	83%	88%	81%				
MCV	99%	93%	99%	93%	82%	97%	98%	45%
Pol3	89%	90%	87%	81%	94%	98%	80%	42%
TT2+ (PAB)								
District								

District coverage (as reported)

	2005	2004		
Number of districts in country	262	262		
Percentage of districts reporting	80%	100%		
	below 50%	6%	8%	
DTP3: proportion of districts with coverage	between 50-79%	26%	31%	
	at 80% or above	68%	61%	
MCV: proportion of districts with coverage a	41%	43%		
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	59%			
Supply: any vaccine supply interruption?	No			
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in	100%			

BCG		birth
DT	2, 4, 6 1	months (if pertussis contraindicated)
DTwP		15 months; 4 years
DTwPH	ibHep	2, 4, 6 months
HepB	high-ri	sk groups (3 doses)
Influen	za 2 do:	ses for 6-23 months and for >60 years

MMR		1, 4 years
OPV	2, 4, 6, 15-1	8 months; 4 years
Td	CBAW, +1, + +1, +5,	6 months; +10 years
TT	pregnant women	(2 doses)
Yellow	fever	travellers

Equatorial Guinea

Births						2005 22,000 20,000 04,000 123 205 		
National c					, -		, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 73% 65% 33% 51% 39% 48%	2004 73% 65% 33% 51% 39% 49%	2003 73% 65% 33% 51% 39% 50%	2002 73% 65% 33% 51% 39% 51%	2001 73% 65% 33% 51% 39% 52%	2000 73% 65% 33% 51% 39% 53%	1990 94% 96% 77% 88% 75%	
District coverage (as reported)								
Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage below 50% between 50-79% at 80% or above 0%					2004 18 100% 72% 22% 6%			
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% 6%					0% 28%			
Supply: any vaccine supply interruption? Yes Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations 100%					Yes			

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

Eritrea

2005

									2003
	Births								13,000
	Surviving infants							13,000	
Total population							1,3	30,000	
	Infant mortal	ity rate (p	er 1,000	live birt	hs)				6
	Under-five m	ortality ra	ite (per	1,000 live	e births)			7
	Gross nation	al income	per cap	oita (PPP,	US\$)				15,420
	Percentage of	f routine l	EPI vaco	ines fina	nced by	y govern	ment		
	Nistianal			haa 000		WOEE		0005)	
	National			les (W	HU/UN	IICEF es		, 2005)	
	B00	2005	2004	2003	2002	2001	2000	1990	1980
	BCG	99%	99%	99%	99%	99%	99%		•••
	DTP1	99%	98%	99%	99%	99%	96%		•••
	DTP3	96%	94%	94%	94%	94%	93%		
	HepB3	95%	90%						
	Hib3	37%	27%						
	MCV	96%	96%	95%	95%	95%	93%		
	Pol3	96%	95%	95%	94%	94%	93%		
	TT2+ (PAB)								
	District c	overag	A las r	enorted	1				
	District o	overug	C (d3 i	Сропса	/			0005	0004
	Number of d	ietricte in	country					2005 15	2004 15
	Percentage of	or districts	reportii	ıg				100%	100%
						below 5		0%	0%
	DTP3: propo	rtion of di	stricts v	vith cove	rage	betweer	50-79%	0%	0%
						at 80% o	or above	100%	100%
	MCV: propor	tion of dis	tricts w	ith cover	age at	90% or a	bove	100%	100%
	DTP1-DTP3	drop-out r	ate: pro	portion o	of distri	cts that			
	have achieve	d a rate o	f less th	nan 10%				100%	100%
	Supply: any v	accine su	pply inte	erruption	?			Yes	Yes
	Safety: propo								
	of autodisab	le (AD) sy	ringes f	or all rou	itine im	munizati	ons		
	Immuniz	ation s	chedu	ıle					
	BCG		1_2	days	IPV	2 /	.5, 6 mon	the: 2 7	veare
		4.5, 6 mor		-	11 V	3, 4.	HIV-pos		
		children w	ith pert	ussis	MN	1R		1, 13	years
			traindic		OP\	/ 3, 4	.5, 6 mon	ths; 2, 7	years
		4.5, 6 mon			Td		7, 12, 17		
	DTwPHiB 3,		_				every 10 ylaxis in d		
		per to Dec			тт	propin	CBAW a		
					u				

+1, +1 year

pregnancy; +1, +6 months;

13 years, +1, +6 months

birth; 1, 6 months;

HepB

Ethiopia

Surviving infants						2,8	04,000 08,000 31,000 109 164 1,000 0%	
National (covera	ge ra	tes (W	HO/UI	VICEF es	stimates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB) District co				2002 72% 75% 61% 54% 61% 35%	2001 74% 74% 59% 53% 59% 29%	2000 76% 74% 56% 52% 57% 24%	1990 64% 73% 49% 38% 49% 	1980 4% 3%
Number of di Percentage of		-					85 100%	85 100%
r ercentage of	ruistricts	reportii	ig		below 5	0%	29%	32%
DTP3: propor	tion of di	stricts w	ith cove	rage	between	50-79%	47%	41%
					at 80% o	or above	24%	27%
DTP1–DTP3 drop-out rate: proportion of districts that					5% 41%			
Safety: proportion of districts supplied with sufficient number					No 100%			
lmmuniza	ation s	chedu	lle					
BCG DTwP Measles	· · · · · · · · · · · · · · · · · · ·						veeks,	

2005

OPV

birth; 6, 10, 14 weeks

2005

								2005
Births						19,000		
Surviving infants							19,000	
Total population	n						8	48,000
Infant mortalit	y rate (p	er 1,000	live birt	:hs)				16
Under-five mo	-							18
Gross national								5,960
Percentage of	routine	EPI vacc	ines fina	inced b	y govern	ment		100%
National c	overa	ge rat	tes (W	HO/UN	NICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	90%	93%	99%	99%	99%	98%	99%	95%
DTP1	80%	75%	97%	96%	99%	96%	98%	87%
DTP3	75%	71%	94%	92%	90%	89%	97%	68%
HepB3	75%	73%	92%	78%	93%	95%		
Hib3	75%	71%	88%	85%	82%	86%		
MCV	70%	62%	91%	88%	90%	85%	84%	32%
Pol3	80%	76%	99%	99%	99%	95%	96%	55%
TT2+ (PAB)								
District co	veraq	e (as r	eported)				
							2005	2004
Number of dis	tricts in	country					2003	19
Percentage of districts reporting								
· ·		•		Г	below 5	n%		
DTP3: proporti	on of di	etricte w	ith cove	rage		50-79%		
DTT 0. proporti	on or ar	oti ioto vi	illi covc	lage	at 80% o			
				L	-			
MCV: proportion				Ü		bove		
DTP1–DTP3 dr have achieved				of distri	cts that			
Supply: any va	ccine su	pply inte	erruption	?			Yes	
Safety: propor								
of autodisable	(AD) sy	ringes to	or all rou	itine im	ımunizati	ons		
Immunizat	tion s	chedu	ıle					
BCG	b	irth; 6 y	ears	OP'	V	birth; 2	2, 3, 4 m	onths
DTwPHib	2,	3, 4 mo	nths	Rul	oella		11-14	years
DTwPHibHep	6, 1	10, 14 w	eeks	TT			5, 11-14 y	
НерВ	birth;	2, 5 mo	nths	pregnant wome				omen

1, 4-6 years

HepB MR

Finland

								2005
Births								55,000
Surviving in	fants							55,000
Total popula	tion						5,2	249,000
Infant morta	lity rate (p	er 1,000	live bir	ths)				3
Under-five m	nortality ra	ate (per	1,000 liv	e births)				4
Gross nation	nal income	per cap	ita (PPP	, US\$)				31,170
Percentage of	of routine	EPI vaco	ines fina	anced by	govern/	ment		
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	98%	98%	98%	99%	99%	99%	91%	90%
DTP1	99%	98%	98%	99%	99%	99%	96%	97%
DTP3	97%	98%	98%	98%	99%	99%	90%	92%
HepB3								
Hib3	98%	96%	96%	96%	96%	96%		
MCV	97%	97%	97%	96%	96%	96%	97%	
Pol3	97%	96%	96%	95%	95%	95%	90%	90%
TT2+ (PAB)								

District coverage (as reported)

		2005	2004
Number of districts in country			
Percentage of districts reporting			
	below 50%		
DTP3: proportion of districts with coverage	between 50-79%		
	at 80% or above		
MCV: proportion of districts with coverage a	t 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%

BCG		birth
DTaP		14-15 years
DTaPHibl	PV	3, 5, 12 months
DTaPIPV		6 years
НерА		k groups already nated with HepB
HepB		high-risk groups

Hib	4, 6, 14-18 months
Influenza	high-risk groups
IPV	travellers
MenACWY	outbreaks; military
MMR	14-18 months; 6 years
Td	11-13 years; booster every 10 years

								0005
	_	2005						
Births	742,000							
Surviving infa		39,000						
Total populati							60,4	96,000
Infant mortali								4
Under-five mo Gross nationa	•							5 30,540
Percentage of		-						•
r ercentage of	Toutine	LIIVacc	illes illi	anceu i	by govern			
National o	covera	ge ra	tes (W	HO/U	VICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	84%	84%	85%	85%	83%	83%	74%	80%
DTP1	98%	98%	98%	98%	98%	98%	97%	92%
DTP3	98%	98%	97%	97%	97%	97%	94%	79%
HepB3	29%	29%	29%	29%	27%	26%		
Hib3	87%	87%	86%	86%	86%	86%		
MCV	87%	87%	86%	86%	85%	84%	71%	
Pol3	98%	98%	97%	97%	98%	98%	95%	80%
TT2+ (PAB)								
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of dis	stricts in	country					100	100
Percentage of	districts	reporti	ng					
					below 5	0%		
DTP3: proport	tion of di	stricts v	vith cove	erage	betweer	n 50-79%		
at 80% or above								
MCV: proportion of districts with coverage at 90% or above								
DTP1–DTP3 d				•				
have achieved	d a rate c	of less th	an 10%					
Supply: any va	accine su	pply inte	erruption	1?				
Safety: propo								
of autodisable (AD) syringes for all routine immunizations								

Immunization schedule

DTaPHib	3 months
DTaPIPV	2, 4, 16-18 months; 11-13 years
DTIPV	6 years

birth; 2, 3, 16-18 months

HepB

Influenza ≥65 years; +1 year MMR 9-12, 12-15 months Pneumo_conj 2, 3, 4, 12 months

Gabon

								2005
Births		42,000						
Surviving inf	ants							39,000
Total populat	tion						1,3	384,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				60
Under-five m	ortality ra	ite (per	1,000 liv	e births)				91
Gross nation	al income	per cap	ita (PPP	, US\$)				5,890
Percentage o	f routine	EPI vacc	ines fina	anced by	govern	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	89%	89%	89%	89%	89%	89%	96%	
DTP1	69%	69%	69%	69%	69%	69%	96%	
DTP3	38%	38%	38%	38%	38%	38%	78%	
HepB3	55%							
Hib3								
MCV	55%	55%	55%	55%	55%	55%	76%	
Pol3	31%	31%	31%	31%	31%	31%	78%	
TT2+ (PAB)	60%	45%	47%	50%	52%	54%		

District coverage (as reported)

Number of districts in country		51	51
Percentage of districts reporting	98%	100%	
	below 50%	61%	57%
DTP3: proportion of districts with coverage	between 50-79%	27%	37%
	at 80% or above	12%	6%
MCV: proportion of districts with coverage a	6%	20%	
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	20%	41%	
Supply: any vaccine supply interruption?		No	No
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in	100%	100%	

BCG	birth	OPV	birth; 6, 10, 14 weeks
DTwP	6, 10, 14 weeks	TT pregr	ant women (2 doses)
НерВ	6, 10, 14 weeks	Yellow fever	9 months
Measles	9 months		

2005

BirthsSurviving infa Total populati Infant mortali Under-five mo Gross national Percentage of	4	52,000 48,000 17,000 97 137 1,920 60%							
National coverage rates (WHO/UNICEF estimates, 2005)									
BCG DTP1	2005 89% 94%	2004 95% 95%	2003 99% 95%	2002 99% 95%	99%	2000 97% 89%	1990 98% 97%	1980 85% 84%	
DTP3	88%	92%	90%	90%	96%	83%	92%	63%	
HepB3	88%	90%	90%	90%	84%	91%	93%		
Hib3	88%	90%	90%	90%	75%	83%			
MCV	84%	90%	90%	90%	90%	85%	86%	69%	
Pol3	90%	90%	90%	90%	87%	89%	94%	53%	
TT2+ (PAB)									
District co	overag	e (as r	eported	d)					
Number of di	stricts in	country					2005 6	2004 37	
Percentage of	f districts	reporti	ng				100%	100%	
					below 5	0%	0%	0%	
DTP3: propor	tion of di	stricts v	vith cove	erage	betweer	n 50-79%	67%	0%	
					at 80% o	or above	33%	100%	
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	33%	33%	
DTP1–DTP3 d have achieved				of dist	ricts that		100%	83%	
Supply: any va	accine su	pply inte	erruption	1?			No	No	
Safety: propo of autodisable							100%	100%	

Immunization schedule

BCG	birth
DTwP	18 months
DTwPHib	2, 3, 4 months
НерВ	birth; 2, 4 months
Measles	9 months

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

OPV

Georgia

2005										
Births										
Surviving infa		47,000								
Total populati		4,474,000								
Infant mortali	ty rate (p	er 1,000	live birt	hs)				41		
Under-five mo	ortality ra	ite (per	1,000 liv	e births	s)			45		
Gross nationa	I income	per cap	ita (PPP	US\$)				3,270		
Percentage of	routine	EPI vacc	ines fina	nced b	y govern	ment				
National coverage rates (WHO/UNICEF estimates, 2005)										
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	95%	91%	87%	91%	94%	95%				
DTP1	94%	88%	86%	96%	97%	94%				
DTP3	84%	78%	76%	84%	87%	80%				
HepB3	74%	64%	49%	51%	61%	55%				
Hib3										
MCV	CV 92% 86% 80% 73% 73% 73%									
Pol3	84%	66%	75%	89%	83%	81%				
TT2+ (PAB)										
District co	verag	e (as r	eportec	l)						
							2005	2004		
Number of dis	stricts in	country					66	66		
Percentage of	districts	reportir	ng					100%		
					below 50	0%	5%	6%		
DTP3: proport	ion of di	stricts w	ith cove	rage	between	50-79%	17%	33%		
					at 80% c	r above	79%	61%		
MCV: proporti	ion of dis	stricts w	ith cove	rage at	90% or a	bove	73%	55%		
DTP1-DTP3 d have achieved				of distr	icts that		56%	55%		
Supply: any va	accine su	pply inte	rruption	?			No	Yes		
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations 100% 10										
lmmuniza	tion s	chedu	le							
BCG 2-5 days MMR 1, 5 years										

OPV

Td

5 years

2, 3, 4, 18 months

birth; 2, 4 months

2, 3, 4, 18 months; 5 years

14 years

CA	
D4	

DT

DTwP

HepB

2005

									2003		
	Births							6	79,000		
	Surviving infants								76,000		
Total population											
	Infant mortality rate (per 1,000 live births)										
	Under-five mortality rate (per 1,000 live births)										
Gross national income per capita (PPP, US\$)											
	Percentage of routine EPI vaccines financed by government 10%										
	National co	vera	ge ra	tes (W	HO/U	NICEF es	timates	, 2005)			
		2005	2004	2003	2002	2001	2000	1990	1980		
	BCG										
		96%	98%	96%	96%	96%	96%	93%			
	DTP3	90%	90%	90%	90%	90%	90%	80%			
	HepB3	84%	84%	84%	84%	84%	84%				
	Hib3	92%	90%	89%	91%	85%	79%				
	MCV	93%	93%	93%	93%	93%	93%	75%	25%		
	Pol3	94%	94%	94%	94%	94%	94%	80%	80%		
	TT2+ (PAB)										
	District cove	erag	e (as r	eported	l)						
								2005	2004		
	Number of distri	cts in	country	,				440	439		
	Percentage of di	stricts	reporti	ng							
			•			_ below 50)%				
	DTP3: proportion	n of die	stricts v	vith cove	rage	between					
	Dirio. proportion	i oi aii	oti ioto v	VIIII 00 VO	rugo	at 80% o					
	NACV (see a see a see a see a see	- 6 -11-		dala a a const		_					
	MCV: proportion				•		bove				
	DTP1-DTP3 drop have achieved a				Ji uisti	icis triat					
	Complete and complete				2			Na	Na		
	Supply: any vacc					ufficient r	umbar	No	No		
	Safety: proportion of autodisable (A										
	Immunizatio	on co	shodi	ılo							
	IIIIIIuiiizatio	JII SC	meut	116							
	DTaPHibHepIPV	2	2, 3, 4, °			MR		15-23 m	onths		
DTwPIPV 9-17 years							gh-risk g				
Pneumo_ps nign-risk gro											
	НерВ	_	-risk gr	-	Td			years; bo every 10			
	Hib	_	-risk gr	-	Va	ricella		11-14 m			
	Influenza	_	-risk gr	-				gh-risk g	,		
	IPV	_	-risk gr	-	Ye	llow fever		trav	ellers		
Sin view give spe											

high-risk groups

MenACWY

Ghana

Births									
National coverage rates (WHO/UNICEF estimates, 2005)									
BCG DTP1	2005 99% 88%	2004 92% 88%	2003 92% 87%	2002 91% 91%	91% 80%	2000 95% 84%	1990 71% 80%	1980 27%	
DTP3	84%	80%	80%	80%		84%	58%	7%	
HepB3 Hib3 MCV Pol3 TT2+ (PAB)	84% 84% 83% 85% 84%	80% 80% 83% 81% 73%	80% 80% 80% 80% 73%	80% 80% 83% 79% 73%	 81% 80%	 84% 83% 73%	 61% 57% 	 16% 7% 	
District coverage (as reported)									
Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage 2005 138 100% below 50% between 50-79% 23%									
MCV: proportion DTP1–DTP3 dr. have achieved	op-out r	ate: pro	portion o	•			75% 41% 80%	51% 29% 66%	
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations Yes No 100%									
Immunizat	tion s	chedu	ıle						
Immunization schedule BCG birth TT CBAW (12-49 year and 1st contact pregnand +1, +6 months; +1, +1 year and 1st contact pregnand +1, +1 year and 1							ancy; year onths		

								2000		
Births							1	01,000		
Surviving inf	ants						1	01,000		
Total population										
Infant mortality rate (per 1,000 live births)										
Under-five mortality rate (per 1,000 live births)										
Gross national income per capita (PPP, US\$)										
r ercentage c	n routine	LIIVacc	JIIIES IIII	anceu i	y govern	iiiieiit				
National	covera	ge ra	tes (W	'HO/UI	VICEF e	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	88%	88%	88%	88%	88%	88%	86%			
DTP1	96%	96%	96%	96%	96%	96%	77%	89%		
DTP3	88%	88%	88%	88%	88%	88%	54%	72%		
HepB3	88%	88%	88%	88%	88%	88%				
Hib3	88%	88%	88%	88%	88%	88%				
MCV	88%	88%	88%	88%	88%	88%	76%			
Pol3	87%	87%	87%	87%	87%	87%	96%	90%		
TT2+ (PAB)										
District c	overag	e (as r	eported	d)						
							2005	2004		
Number of d	listricts in	country	,				54	54		
Percentage of	of districts	reporti	ng							
					below 5	0%				
DTP3: propo	rtion of di	stricts v	vith cove	erage	between	n 50-79 %				
					at 80%	or above				
MCV: propor	tion of dis	stricts w	ith cove	rage at	90% or a	above				
DTP1-DTP3				•				•••		
have achieve										
Supply: any v	vaccine su	pply inte	erruption	1?				No		
Safety: propo					ufficient	number				
of autodisab	le (AD) sy	ringes f	or all ro	utine in	nmunizat	ions		100%		
Immuniz	ation s	chedu	ıle							
BCG		6 v	ears/	MI	ИR	15 mor	nths; 4-6	vears		
DTwP	2, 4, 6	, 18 mo		OF	V		6, 18 mc	•		
			ears/			. ,		years		
НерВ	0-2, 2-4,			Td		14-16 ye	ars, >18	years		
Hib	2, 4, 6, 1									
IPV 2, 4, 18 months; 4-6 years										

Grenada

Births									
Percentage of routine EPI vaccines financed by government 1 National coverage rates (WHO/UNICEF estimates, 2005)								100%	
BCG DTP1	2005 93%	2004 87%	2003 98%	2002 98%	2001 98%	2000 99%	1990 93%	1980 50%	
DTP3 HepB3 Hib3 MCV	99% 99% 99% 99%	83% 83% 83% 74%	97% 97% 97% 99%	98% 98% 98% 96%	96% 96% 96% 99%	97% 33% 92%	80% 85%	25% 	
Pol3 TT2+ (PAB)	99%	84%	98%	98%	96%	97%	69%	32%	
District coverage (as reported) 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 1000 Immunization schedule DT									

								2005
Births	43	37,000						
Surviving infa	4:	22,000						
Total population								99,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				32
Under-five mo	ortality ra	ate (per	1,000 liv	e birth	s)			43
Gross nationa	ıl income	per cap	oita (PPP	US\$).				4,410
Percentage of	routine	EPI vacc	ines fina	anced I	oy govern	ment		
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	96%	98%	97%	96%	94%	97%	62%	36%
DTP1	93%	94%	94%	94%	94%	95%	86%	68%
DTP3	81%	84%	83%	84%	82%	85%	66%	43%
HepB3	27%							
Hib3	27%							
MCV	77%	79%	78%	76%	75%	76%	68%	23%
Pol3	81%	84%	83%	84%	82%	85%	74%	43%
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	stricts in	country					331	331
Percentage of	districts	reportir	ng					100%
					below 5	0%	1%	0%
DTP3: proport	tion of di	stricts w	ith cove	rage	betweer	50-79%	9%	3%
					at 80% o	or above	90%	97%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	76%	83%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% 6							65%	79%
Supply: any va	accine su	pply inte	erruption	?				No
Safety: propo of autodisable								100%

BCG	birth	OPV	2, 3, 4, 18 months; 4 years
DTwP	18 months; 4 years	Td	CBAW (15-49 years) and
DTwPHibHep	2, 3, 4 months		1st contact pregnancy; +1, +6 months;
MMR	12 months		+1-10, +1-10 years

Guinea

200 Births								
National	covera	ge ra	tes (W	HO/UI	VICEF es	timates	, 2005)	
BCG	2005 90%	2004 79%	2003 80%	2002 80%	2001 81%	2000 81%	1990 50%	1980
DTP1	90%	77%	73%	69%	65%	61%	40%	
DTP3	69%	51%	49%	46%	46%	45%	17%	
HepB3								
Hib3								
MCV	59%	50%	48%	46%	44%	42%	35%	
Pol3	70%	50%	49%	47%	46%	44%	18%	
TT2+ (PAB)	76%	75%	74%	66%	58%	50%		
District coverage (as reported)								
	J						2005	2004
Number of c	listricts in	country					38	38
Percentage of	of districts	reporti	ng					100%
					below 50)%	0%	8%
DTP3: propo	rtion of di	stricts w	vith cove	rage	between	50-79%	24%	55%
					at 80% o	r above	76%	37%
MCV: propor	tion of dis	stricts w	ith cover	age at	– 90% or a	hove	37%	18%
DTP1-DTP3				_				, .
have achieve							74%	66%
Supply: any	vaccine su	pply inte	erruption	?			Yes	Yes
Safety: prop of autodisab							100%	100%
Immuniz	ation s	chedu	ile					
BCG birth TT CBAW and 1st conta DTwP 6, 10, 14 weeks pregnancy; +1, +6 month Measures 9 months +1, +1 ye								nths;
OPV	birth; 6, 1	10, 14 w	eeks	Ye	low fever		9 m	onths
Tollow level 3 month								

								2005
Births							,	79,000
Surviving infa		70,000						
Total populati		1,5	86,000					
Infant mortalit	ty rate (p	er 1,000	live bir	ths)				124
Under-five mo			200					
Gross nationa	I income	per cap	oita (PPP	, US\$)				700
Percentage of	routine	EPI vaco	ines fina	anced I	oy govern	ment		0%
National o	overa	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	80%	80%	84%	70%	70%	72%	90%	
DTP1	86%	86%	82%	72%	72%	67%	82%	
DTP3	80%	80%	77%	50%	47%	42%	61%	
HepB3								
Hib3								
MCV	80%	80%	61%	47%	48%	59%	53%	
Pol3	80%	80%	75%	50%	52%	47%	60%	
TT2+ (PAB)	54%	56%	58%	60%	62%	64%		
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of dis	stricts in	country					11	11
Percentage of	districts	reporti	ng				100%	100%
					below 5	0%	18%	27%
DTP3: proport	ion of di	stricts v	vith cove	erage	between	า 50-79%	36%	18%
					at 80% (or above	45%	55%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	18%	9%
DTP1–DTP3 di have achieved				of disti	ricts that		18%	27%
Supply: any va	accine su	pply inte	erruption	1?				Yes
Safety: propor of autodisable								

Immunization schedule

birth; 6, 10, 14 weeks

OPV

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

Guyana

								2005	
Births									
Surviving infa			15,000						
Total population	7	51,000							
Infant mortalit	y rate (p	er 1,000	live birt	hs)				47	
Under-five mo	rtality ra	ite (per	1,000 liv	e birth	s)			63	
Gross nationa	l income	per cap	oita (PPP,	US\$).				4,230	
Percentage of	routine	EPI vaco	ines fina	inced l	y govern	ment		60%	
National o	overa	ge ra	tes (W	HO/U	NICEF es	timates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG	96%	94%	95%	91%	95%	93%	85%	68%	
DTP1	93%	90%	93%	97%	98%	97%	94%	60%	
DTP3	93%	91%	90%	91%	85%	88%	83%	35%	
HepB3	93%	91%	90%	91%	85%				
Hib3	93%	91%	90%	91%	85%				
MCV	92%	88%	89%	93%	92%	86%	73%		
Pol3	93%	91%	91%	93%	90%	79%	79%	42%	
TT2+ (PAB)									
District co	verag	e (as r	eportec	l)					
							2005	2004	
Number of dis	stricts in	country					13	13	
Percentage of	districts	reportin	ng					100%	
					below 50	0%	0%	0%	
DTP3: proport	ion of di	stricts w	vith cove	rage	between	50-79%	8%	8%	
					at 80% c	r above	92%	92%	
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	69%	46%	
DTP1-DTP3 dr				of dist	ricts that		92%	85%	
Supply: any va	occine su	nnly inte	arruntion	2			No	Yes	
Safety: propor		,			sufficient i	numher	INU	163	
of autodisable							100%	100%	

BCG		birth
DTwP		18, 45 months
DTwPHibHep)	2, 4, 6 months
IPV	2, 4, 6,	18, 45 months; suspected HIV

MMR	12, 45 months
OPV	2, 4, 6, 18, 45 months
Td	adults, pregnant women
Yellow f	ever 12 months

Births Surviving infa Total populati Infant mortalit Under-five mo Gross nationa Percentage of	2	2005 55,000 40,000 28,000 84 120 1,840 10%						
National coverage rates (WHO/UNICEF estimates, 2005)								
BCG 71% 71% 71% 71% 71% 71% 71% 71% 71% 72% DTP1 76% 76% 76% 76% 76% 76% 66% 219 DTP3 43% 43% 43% 43% 43% 43% 41% 3% HepB3								
District co	verag	e (as r	eportec	l)				
Number of dis Percentage of DTP3: proport	districts	reportir	ng vith cove		at 80% o	n 50-79% or above	2005 133 30% 23% 47%	2004 133 100% 49% 17% 34%
MCV: proporti DTP1–DTP3 di have achieved	rop-out r	ate: pro	portion (•		ibove	44%	21%
Supply: any va Safety: propor of autodisable	rtion of c	listricts :	supplied	with s			No 100%	Yes 100%
Immuniza	tion s	chedu	le					
BCG DTwP		ł 4 weeks	oirth	Td Vita		BAW (15- 1st conta month; +	ct pregn	ancy; year

Vitamin A

9 months

+1, +1 year

birth; 6, 10, 14 weeks;

Measles

OPV

6, +4, +4 months

Honduras

								2005
Births	2	206,000						
Surviving infa	2	200,000						
Total populati	Total population							205,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				31
Under-five me	ortality ra	ate (per	1,000 liv	e births)				40
Gross nationa	al income	per cap	ita (PPP	, US\$)				2,900
Percentage of	froutine	EPI vacc	ines fina	anced by	govern/	ment		100%
National of	covera	ige rat	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	91%	93%	91%	94%	99%	99%	70%	25%
DTP1	97%	96%	97%	98%	98%	98%	94%	53%
DTP3	91%	89%	92%	95%	95%	95%	84%	28%
HepB3	91%	89%	92%	95%	95%	95%		
Hib3	91%	89%	92%	95%	95%	95%		
MCV	92%	92%	95%	97%	95%	98%	90%	31%
Pol3	91%	90%	92%	95%	95%	88%	87%	31%
TT2+ (PAB)								
District of)	0.1		1)				

District coverage (as reported)

Number of districts in country		298	298
Percentage of districts reporting		100%	
	below 50%	1%	1%
DTP3: proportion of districts with coverage	between 50-79%	15%	15%
	at 80% or above	84%	85%
MCV: proportion of districts with coverage a	t 90% or above	66%	59%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	92%	91%	
Supply: any vaccine supply interruption?		No	
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in	100%		

BCG		birth
DT	2, 4, 6,	18 months; 4.5 years; <5 years if pertussis contraindicated
DTwF	•	18 months; 4-5 years
DTwF	PHibHep	2, 4, 6 months
НерЕ	3	+1, +1, +1 year; high-risk groups
Influe	enza	>60 years

IPV	2, 4, 6, 18 months;
	4 years; high-risk groups
MMR	12 months
OPV	birth; 2, 4, 6 months; 1-4 years
Td	CBAW (12-49 years) 5 doses
Vitam	in A 6, 12, 18 months; 2 years; 30 months; 3 years
Yellov	v fever >1 year; international travellers

								2005			
Births											
Surviving infa	,	93,000									
Total populati	on							98,000			
Infant mortali	ty rate (p	er 1,000	live bir	ths)				7			
Under-five me								8			
Gross nationa	•	•						16,940			
Percentage of								99%			
National	covera	ge ra	tes (W	HO/UI	VICEF e	stimates	, 2005)				
	2005	2004	2003	2002	2001	2000	1990	1980			
BCG	99%	99%	99%	99%	99%	99%	99%	99%			
DTP1	99%	99%	99%	99%	99%	99%	99%	99%			
DTP3	99%	99%	99%	99%	99%	99%	99%	99%			
HepB3											
Hib3	99%	99%	99%	99%	99%	99%					
MCV	99%	99%	99%	99%	99%	99%	99%	99%			
Pol3	99%	99%	99%	99%	99%	99%	99%	98%			
TT2+ (PAB)											
District co	overag	e (as r	eportec	l)							
							2005	2004			
Number of di	stricts in	country					109	136			
Percentage of	f districts	reportir	ng				100%	100%			
					below 5	0%		0%			
DTP3: propor	tion of di	stricts w	ith cove	rage	between	า 50-79%		0%			
					at 80% (or above	100%	100%			
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	100%	100%			
DTP1-DTP3 d have achieved				of distr	icts that		100%	100%			
Supply: any v	accine su	pply inte	erruption	?			Yes				
Safety: propo of autodisable											

BCG	birth	НерВ	11 years (2 doses)
DT	11 years	Hib	2, 4, 5 months
DTwP	4, 5 months; 3, 6 years	MMR	15 months; 11 years
DTwPIPV	3 months	OPV	4. 5. 15 months: 3. 6 years

Iceland

								2005
Births								4,000
Surviving infa	ants							4,000
Total populat	ion						2	295,000
Infant mortali	ity rate (p	er 1,000	live bir	ths)				2
Under-five m	ortality ra	ate (per	1,000 liv	e births)				3
Gross nationa	al income	per cap	oita (PPP	, US\$)				34,760
Percentage of	f routine	EPI vaco	ines fina	anced by	govern	ment		
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	95%	99%	97%	98%	95%	99%	99%	99%
DTP3	95%	99%	97%	95%	92%	98%	99%	99%
HepB3								
Hib3	95%	99%	97%	94%	92%	98%		
MCV	90%	93%	93%	91%	88%	91%	99%	
Pol3	95%	99%	97%	94%	91%	95%	99%	99%
TT2+ (PAB)								

District coverage (as reported)

		2005	2004
Number of districts in country	1	1	
Percentage of districts reporting			100%
	below 50%		0%
DTP3: proportion of districts with coverage	between 50-79%		0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage a	t 90% or above	100%	100%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	ricts that		100%
Supply: any vaccine supply interruption?			
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in			

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

BirthsSurviving infa Total population Infant mortalit Under-five mon Gross nationa Percentage of		2005 26,000 79,000 71,000 56 74 3,460 100%						
National o	overa	ge ra	tes (W	HO/U	NICEF es	timates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 75% 81% 59% 8% 58% 58%	2004 75% 81% 59% 6% 58% 58%	2003 75% 81% 59% 58% 58% 78%	2002 75% 81% 59% 58% 58% 78%	2001 75% 81% 59% 58% 58%	2000 73% 80% 57% 56% 60% 74%	1990 66% 88% 70% 56% 66%	1980 25% 6% 2%
` '					7070	7470		
Number of dis Percentage of DTP3: proport MCV: proporti DTP1-DTP3 dr have achieved Supply: any va Safety: propor of autodisable	districts in districts ion of districts on of district on one district o	country reportir stricts w stricts w ate: pro f less th pply inte	ng with cover ith cover portion can 10% erruption supplied or all rou	rage at distr	at 80% of a good	or above bove	2005 594 No	2004 594 0% No
Immuniza BCG DT DTwP HepB	6, 1 10 6, 1		birth rears eeks; onths eeks		or beyo	ses for fi subseque and 3 yea absequen	rst pregi ent pregi irs and 1	nancy nancy dose incies years
Measles	9	9-12 mo	nths	36 moi				

OPV

birth; 6, 10, 14 weeks; 16-24 months

Indonesia

Births									
National coverage rates (WHO/UNICEF estimates, 20									
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	1990 74% 82% 60% 58% 60%	1980 61% 							
District coverage (as reported)									
Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage below 50% between 50-79% at 80% 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								2004 418 99% 5% 14% 80% 50% 75% Yes	
Immuniza	tion s	chedu	ıle						
BCG DT 6 years; DTwP DTwPHep HepB	2, (s		nths nths onal) nths;	OP\ TT	asles / nmin A	birth; 1	onths; 6 , 2, 3 m 7, 8 12-59 m	onths years	

Iran (Islamic Republic of)

								2005	
Births							1,3	48,000	
Surviving infants									
Total popula	tion						69,5	15,000	
Infant morta	lity rate (p	er 1,000	live bir	ths)				31	
Under-five m	ortality ra	ate (per	1,000 liv	e births	s)			36	
Gross nation	al income	per cap	oita (PPP	US\$).				8,050	
Percentage of	of routine	EPI vaco	ines fina	anced b	y goveri	nment		100%	
National	covera	ge ra	tes (W	1U\OH	VICEF e	stimates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG	99%	99%	99%	97%	91%	99%	95%	7%	
DTP1	97%	99%	99%	99%	96%	99%	97%	57%	
DTP3	95%	99%	99%	99%	96%	99%	91%	32%	
HepB3	94%	95%	98%	99%	94%	99%			
Hib3									
MCV	94%	96%	99%	99%	96%	99%	85%	39%	
Pol3	95%	98%	99%	99%	95%	99%	90%	38%	
TT2+ (PAB)									
District c	District coverage (as reported)								
							2005	2004	
Number of d	istricts in	country					324	314	
Percentage of	of districts	reporti	ng				100%	100%	
					_ below 5	50%	0%	0%	
DTP3: propo	rtion of di	stricts v	ith cove	rage	betwee	n 50-79%	0%	0%	
					at 80%	or above	100%	100%	
				L	-				
MCV: propor				_		above	100%	100%	
DTP1-DTP3 of have achieved				ot distr	icts that		100%	100%	
Cummba anu				2			Na	Na	
Supply: any v					ufficient	number	No	No	
of autodisab								100%	
Immuniz	ation s	chodu	ılo						
IIIIIIIIII	ation s	cneut	ii C						
BCG			birth	MN			1, 4-6	years	
DTwP	2, 4, 6	, 18 moı 4-6 y		OP	V b	irth; 2, 4,		onths; years	
	th; 2, 4, 6			Td			and pre		
,	ears; high	ı-rısk gro	oups				nen, rep		
Influenza		1-1				е	very in	years	
MenAC	high	ı-risk gro	oups itary			e	very 10	years	

Iraq

2008 Births											
National of	covera	ge rat	tes (W	HO/UN	ICEF es	timates	, 2005)				
	2005	2004	2003	2002	2001	2000	1990	1980			
BCG	93%	93%	93%	93%	93%	93%	96%	76%			
DTP1	93%	93%	93%	93%	93%	93%	93%	36%			
DTP3	81%	81%	81%	81%	81%	81%	83%	14%			
HepB3	81%	81%	77%	74%	70%	67%					
Hib3											
MCV	90%	90%	90%	90%	90%	90%	80%	9%			
Pol3	87%	87%	87%	87%	87%	87%	83%	16%			
TT2+ (PAB)	70%	70%	70%	70%	70%	70%					
District coverage (as reported)											
2005 2004											
Number of di	stricts in	country					113	110			
Percentage of	districts	reportir	ng				100%	100%			
				Г	below 50	0%	7%	15%			
DTP3: proport	tion of di	stricts w	ith cove	rage	between	50-79%	39%	66%			
					at 80% o	r above	54%	19%			
MCV: proport	ion of die	trioto w	ith covo	∟ rago at 9	00% or a	hovo	30%	28%			
DTP1-DTP3 d				•		DOVE	30 /0	20/0			
have achieved				or alsure	is that		35%	42%			
Supply: any va	accine su	pply inte	erruption	?			No	Yes			
Safety: propo					fficient r	number					
of autodisable							100%	100%			
Immuniza	tion s	chedu	le								
BCG			birth	Moo	sles		0 m	onths			
DT		6-12 y		MM		15 m	onths; 6				
DTwP	2.4.6	i, 18 moi		OPV		irth; 2, 4,					
***	2, 4, 0		ears	0. 0	D	, =, ¬,		years			
НерА	higl	n-risk gr	oups	Td	>12 y	ears (hig	h-risk gı	oups)			
НерВ		2, 6 mo		TT		and preg					
Hib	_	en indic	-	Vita	min A		onths; 6				
IPV		n-risk gr			ow fever		gh-risk g				
	3	3	•	1		,					

Dirtho								2005
Births Surviving infa								64,000
Total populati								64,000 48,000
Infant mortali							7,1	5
Under-five m								6
Gross nationa	•	•					;	34,720
Percentage of								100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	93%	90%	90%	90%	90%	90%	84%	
DTP1	96%	96%	95%	95%	94%	95%	85%	59%
DTP3	90%	89%	85%	85%	84%	86%	65%	34%
HepB3								
Hib3	90%	89%	86%	83%	84%	82%		
MCV	84%	81%	78%	76%	73%	77%	78%	
Pol3	90%	89%	86%	85%	84%	86%	81%	72%
TT2+ (PAB)								
District co	overag	e (as r	eported	l)				
							2005	2004
Number of di							8	8
Number of di Percentage o				_				
				[1	below 50	0%	8	8
	f districts	reportir	ng			0% 50-79%	13%	8 100%
Percentage o	f districts	reportir	ng	rage	between		8 13% 	8 100% 0%
Percentage o	f districts tion of di	reportin	ng vith cove	rage	between at 80% c	50-79% or above	8 13% 	8 100% 0% 0%
Percentage of DTP3: proport MCV: proport DTP1–DTP3 d	f districts tion of di ion of dis lrop-out r	reporting stricts was tricts was tricts was the stricts was tricts was the stricts was the strict	ng vith cove ith cover portion o	rage at 9	between at 80% o	50-79% or above	8 13% 100%	8 100% 0% 0% 100%
Percentage of DTP3: proport	f districts tion of di ion of dis lrop-out r	reporting stricts was tricts was tricts was the stricts was tricts was the stricts was the strict	ng vith cove ith cover portion o	rage at 9	between at 80% o	50-79% or above	8 13% 100%	8 100% 0% 0% 100%
Percentage of DTP3: proport MCV: proport DTP1–DTP3 d	f districts tion of di ion of dis rop-out r d a rate o	reporting stricts was tricts was tate: pro	vith cover ith cover portion of an 10%	rage at 9	between at 80% o	50-79% or above	8 13% 100% 13%	8 100% 0% 0% 100% 13%
DTP3: proport MCV: proport DTP1-DTP3 d have achieve	f districts tion of di ion of dis lrop-out r d a rate o accine su ertion of c	stricts w stricts w ate: pro of less th pply inte	ng ith cover portion of an 10% erruption supplied	rage at 9 of district?	between at 80% o 90% or a ets that	50-79% or above bove number	8 13% 100% 13%	8 100% 0% 0% 100% 13%
DTP3: proport MCV: proport DTP1-DTP3 d have achieved Supply: any v Safety: propo	f districts tion of di ion of dis rop-out r d a rate o accine su ortion of c e (AD) sy	reportin stricts w stricts w ate: pro if less th pply inte listricts ringes fo	vith cover ith cover portion of lan 10% erruption supplied or all rou	rage at 9 of district?	between at 80% o 90% or a ets that	50-79% or above bove number	8 13% 100% 13% 	8 100% 0% 0% 100% 13%
DTP3: proport MCV: proport DTP1-DTP3 d have achieve Supply: any v Safety: propo of autodisable	f districts tion of dis ion of dis irop-out r d a rate o accine su rtion of c e (AD) sy	reporting stricts we stricts we stricts we stricts we strict stricts the poly interestringes for cheducing stricts and stricts are stricts.	vith cover ith cover portion of an 10% erruption supplied or all rou	rage at 9 of district ?	between at 80% o 00% or a ets that fficient i munizati	50-79% or above bove	8 13% 100% 13% 	8 100% 0% 0% 100% 13% Yes
DTP3: proport MCV: proport DTP1-DTP3 d have achieved Supply: any v Safety: propo of autodisable Immunization	f districts tion of di ion of dis irop-out r d a rate o accine su rtion of c e (AD) sy	reporting stricts we stricts we stricts we stricts we strict stricts the poly interestringes for chedular tricks are the stricts are tringes for chedular tricks are tringes for chedular tricks are t	vith cover ith cover portion of an 10% erruption supplied or all route onth	rage at Spf district? with sustine imm	between at 80% c 00% or a cts that fficient r munizati	50-79% or above bove number ons	8 13% 100% 13%	8 100% 0% 0% 100% 13% Yes
DTP3: proport MCV: proport DTP1-DTP3 d have achieve Supply: any v Safety: propo of autodisable	f districts tion of di ion of dis irop-out r d a rate o accine su rtion of c e (AD) sy	reporting stricts we stricts we stricts we stricts where the stricts of less the pply interiors fringes for chedular th-1 mm 4,6 mm and the stricts of the s	with cover ith cover portion of an 10% erruption supplied or all routile onth enths	rage at 9 of district ?	between at 80% c 00% or a cts that fficient r munizati	50-79% or above bove humber ons	8 13% 100% 13%	8 100% 0% 0% 100% 13% Yes
DTP3: proport MCV: proport DTP1-DTP3 d have achieve Supply: any v Safety: propo of autodisable Immuniza BCG DTaPHiblPV DTaPIPV	f districts tion of di ion of dis irop-out r d a rate o accine su rtion of c e (AD) sy	reporting stricts we stricts we stricts we stricts where the stricts of the stric	with cover ith cover portion of an 10% erruption supplied or all rounth onths wears	rage at 9 of district ? with sustine imm	between at 80% c 00% or a cts that fficient r munizati	50-79% or above bove homber ons	8 13% 13% 100% 13% 100% 13% 100% 13% 100% 13% 100% .	8 100% 0% 0% 100% 13% Yes onths years; roups onths;
DTP3: proport MCV: proport DTP1-DTP3 d have achieve Supply: any v Safety: propo of autodisable Immuniza BCG DTaPHiblPV DTaPIPV	f districts tion of dis ion of dis irop-out r d a rate o accine su rtion of c e (AD) sy b 2, st visit; +1 (health-c	reporting stricts we stricts we stricts we stricts we strict such that it is strict in the strict is strict in the	vith cover ith cover portion of an 10% erruption supplied or all rounth on the portion on the portion of the po	rage at 9 of district ? with sustine imm Men MM Pner	between at 80% c 00% or a sts that fficient r munizati C_conj R 12 umo_coi	50-79% or above bove homber ons	8 13% 13% 100% 13% 2, 4, 6 m ths; 4-5 yh-risk g yh-risk g yh-risk g yh-risk g	8 100% 0% 0% 100% 13% Yes onths years; roups onths; roups
DTP3: proport MCV: proport DTP1-DTP3 d have achieve Supply: any v Safety: propo of autodisable Immuniza BCG DTaPHiblPV DTaPIPV	f districts tion of dis ion of dis irop-out r d a rate o accine su rtion of c e (AD) sy b 2, st visit; +1 (health-c	stricts water properties the stricts water proof less the pply intellistricts ringes for chedulistricts and 4,6 models 4,	vith cover ith cover portion of an 10% erruption of all routile onth onths vears onths kers, pups)	rage at 9 of district ? with sustine imm Men MM Pner	between at 80% c 00% or a sts that fficient r munizati C_conj R 12	50-79% or above bove bove cons cons cons cons cons cons cons cons	8 13% 13% 100% 13% 2, 4, 6 m ths; 4-5 yh-risk g yh-risk g yh-risk g yh-risk g	8 100% 0% 0% 100% 13% Yes onths years; roups onths; roups years;

								2005
Births								
Surviving infa	ants							134,000
Total populat	ion						6,	725,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				5
Under-five m	ortality ra	ite (per	1,000 liv	e births)				6
Gross nationa	al income	per cap	ita (PPP	, US\$)				25,280
Percentage of	f routine	EPI vacc	ines fina	anced by	govern	ment		
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								75%
DTP1	98%	98%	98%	98%	98%	97%	97%	94%
DTP3	95%	95%	95%	97%	95%	96%	93%	84%
HepB3	95%	95%	95%	98%	96%	97%		
Hib3	96%	96%	96%	93%	93%	94%		
MCV	95%	95%	95%	98%	96%	97%	91%	81%
Pol3	93%	93%	93%	93%	92%	92%	93%	85%
TT2+ (PAB)								

District coverage (as reported)

		2005	2004
Number of districts in country		15	15
Percentage of districts reporting		100%	100%
	below 50%		0%
DTP3: proportion of districts with coverage	between 50-79%		0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage a	t 90% or above	100%	100%
DTP1-DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%			
Supply: any vaccine supply interruption?		No	
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in		100%	

Immunization schedule

DT (if p	2, 4, 12 months pertussis contraindicated)
DTaPHiblF	2, 4, 6, 12 months
DTaPIPV	7 years
HepA 18,	24-30 months; travellers
HepB trave	birth; 1, 6 months; llers, health-care workers
Hib	high-risk groups
Influenza	6-23 months; >65 years

IPV travellers, health-care workers
JE birth, +7, +30 days; travellers
MenACWY travellers
MMR 1, 6 years; health-care workers, travellers
Pneumo_ps >65 years; high-risk groups
Td 13 years
Yellow fever travellers

								2005
Births							5	28,000
Surviving infa	nts						5	25,000
Total populati	on						58,0	93,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				4
Under-five me	ortality ra	ite (per	1,000 liv	e births	s)			4
Gross nationa	I income	per cap	oita (PPP	US\$).				28,840
Percentage of	routine	EPI vaco	ines fina	anced b	y govern	ment		
National o	covera	ge ra	tes (W	1U/OH	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	97%	97%	97%	97%	96%	95%	94%	
DTP3	96%	94%	96%	93%	93%	90%	83%	
HepB3	96%	96%	95%	95%	95%	94%	95%	
Hib3	95%	94%	90%	83%	70%	55%		
MCV	87%	84%	83%	80%	77%	73%	43%	
Pol3	97%	97%	97%	96%	96%	97%	98%	
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of di	stricts in	country	,				195	195
Percentage of districts reporting						91%	0%	
below 50%								
DTP3: proportion of districts with coverage between 50-79%								
					at 80% o			
1101				L	_		•••	
MCV: proport				_		bove		
DTP1-DTP3 d have achieved				of distr	icts that			
Supply: any v	accine su	pply inte	erruption	?				
Safety: propo								
of autodisable	e (AD) sy	ringes t	or all rot	itine in	ımunızatı	ons		
Immuniza	ition s	chedu	ıle					
	en <5 yea			DT	aPHepIPV	3, 5,	11-12 m	onths
wit	h contag health-c			DT	aPHib	3, 5,	11-12 m	onths
Dip 3,	5, 11-12			DT	aPHibHep	3, 5,	11-12 m	onths
	,	11-15 y		DT	aPHibHep	IPV	11 10	3, 5,
DT	3, 5, 11	-12 mo	nths; rears	DT	aPHibIPV	3. 5.	11-12 m 11-12 m	
DTaP	3, 5, 11	-12 mo			aPIPV		11-12 m	
5-6 years TT CBAW and 1st of								
DTaPHep 3, 5, 11-12 months pregnancy; +1, +6 months								
							+1,+	1 year

Jamaica

								2005
								2005
Births								52,000
Surviving infants								
Total popula	2,6	551,000						
Infant morta	ality rate (p	oer 1,000	live bir	ths)				17
Under-five mortality rate (per 1,000 live births)								20
Gross national income per capita (PPP, US\$)							4,110	
Percentage	of routine	EPI vaco	ines fina	anced by	govern	ment		100%
National	covera	ige ra	tes (W	/HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	95%	90%	88%	90%	96%	94%	98%	38%
DTP1	91%	88%	91%	86%	96%	87%	95%	48%
DTP3	88%	81%	81%	86%	90%	86%	86%	24%
HepB3	87%	81%	19%					
Hib3	89%	82%	19%					
MCV	84%	86%	78%	86%	85%	88%	74%	
	0 1 7 0	0070	7070	00 /0	03/0	0070	74/0	

District coverage (as reported)

TT2+ (PAB)

Number of districts in country		2005 13	2004 13	
Percentage of districts reporting	100%	100%		
	below 50%	0%	0%	
DTP3: proportion of districts with coverage	between 50-79%	8%	62%	
	at 80% or above	92%	38%	
MCV: proportion of districts with coverage a	t 90% or above	15%	23%	
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	ricts that	77%	0%	
Supply: any vaccine supply interruption?	Yes	Yes		
Safety: proportion of districts supplied with sof autodisable (AD) syringes for all routine in	100%			

Immunization schedule

BCG	birt	h to 6 weeks
DT		, 18 months; (if pertussis traindicated)
DTwP	18 mont	hs; 4-6 years
DTwPHibl	Нер	6 weeks; 3, 5 months
НерВ		3, 5 months pentavalent
con	traindicated), +1, +5 mo	; 1st contact; nths (adults)

Hib 6 weeks; 3, 5 months (if pentavalent contraindicated)

IPV 6 weeks; 3, 5, 18 months; 4-6 years; infants exposed to HIV

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; other children and adults as needed

								2005
Births							1,1	62,000
Surviving infa	nts						1,1	59,000
Total population	on						128,0	85,000
Infant mortalit	y rate (p	er 1,000	live birt	hs)				3
Under-five mo	rtality ra	te (per	1,000 liv	e births	s)			4
Gross nationa	l income	per cap	oita (PPP,	US\$).				31,410
Percentage of	routine l	EPI vaco	ines fina	inced b	y govern	ment		
National o	overa	ge ra	tes (W	HO/UI	VICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG							85%	
DTP1	99%	99%	99%	98%	98%	99%	96%	82%
DTP3	99%	99%	97%	96%	95%	85%	90%	60%
HepB3								
Hib3								
MCV	99%	99%	99%	99%	98%	96%	73%	69%
Pol3	97%	97%	97%	89%	81%	99%	90%	
TT2+ (PAB)								
District co	verag	e (as r	enorted	n)				
Diotriot 66	rorug	0 (40)	оронос	. /			0005	0004
Number of dis	tricts in	country					2005	2004 3099
Percentage of		•						100%
i ciccintage of	districts	тороги	19	Г	below 5	00/		
DTD2			dela a a con					
DTP3: proport	ion of di	stricts v	ith cove	rage		n 50-79%		
					_at 80% (_	or above		
MCV: proporti	on of dis	tricts w	ith cove	rage at	90% or a	above		
DTP1-DTP3 dr				of distr	icts that			
mave achieved	a rate o	i iess tr	ian 10%					
Supply: any va	ccine su	pply inte	erruption	?				No
Safety: propor of autodisable								
lmmuniza	tion s	chedu	ile					
BCG		<6 mo	nths	Мє	easles		12-90 m	onths

11-12 years

3-90, 6-90, 9-90,

6-90 months (2 doses), 12-90 months; 9-13, 14-15 years (subnational)

15-90 months

≥65 years

OPV

Rubella

DT

JE

DTaP

Influenza

3-90 months (2 doses)

12-90 months

Jordan

								2005
Births							1	50,000
Surviving infa	ants						1	47,000
Total populati	ion						5,7	03,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				22
Under-five m	ortality ra	ate (per	1,000 liv	e births)				26
Gross nationa	al income	per cap	oita (PPP	, US\$)				5,280
Percentage of	f routine	EPI vaco	ines fina	anced by	govern	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	89%	58%	67%	29%				
DTP1	98%	96%	98%	96%	99%	97%	97%	55%
DTP3	95%	95%	97%	95%	99%	91%	92%	30%
HepB3	95%	95%	97%	95%	97%	93%		
Hib3	95%	95%	97%	95%	59%			
MCV	95%	99%	96%	95%	99%	94%	87%	29%
Pol3	95%	95%	97%	95%	97%	94%	92%	32%
TT2+ (PAB)								

District coverage (as reported)

Number of districts in country		21	2004
Percentage of districts reporting		100%	100%
	below 50%	0%	0%
DTP3: proportion of districts with coverage	between 50-79%	0%	5%
	at 80% or above	100%	95%
MCV: proportion of districts with coverage a	t 90% or above	95%	90%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?	Yes		
Safety: proportion of districts supplied with a of autodisable (AD) syringes for all routine in	100%		

BCG	1st contact
DT	2, 3, 4, 18 months; special cases
DTwP	18 months
DTwPHib	3, 4 months
DTwPHibHep	2 months
НерВ 3, 4 г	months (2nd and 3rd doses only)
Hib	special cases

IPV		2 months
Measl	es	9 months
MenA	CWY	>2 years; pilgrims
MMR		18 months
OPV	3, 4, 10	, 18 months; 6 years
Td	6, 15 y	ears; schoolchildren
TT	+6	1st contact; +1, months; +1, +1 year

								2005
Births						2	37,000	
Surviving infa	ants						2:	23,000
Total populat	ion						14,8	25,000
Infant mortal	ity rate (p	er 1,000	live bir	hs)				63
Under-five m	ortality ra	ite (per	1,000 liv	e births)				73
Gross nation	al income	per cap	oita (PPP	US\$)				7,730
Percentage of	f routine	EPI vaco	ines fina	nced by	goverr	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	69%	65%	99%	99%	96%	98%		
DTP1	99%	85%	99%	95%	98%	97%		
DTP3	98%	82%	99%	95%	96%	97%		
HepB3	94%	99%	99%	95%	96%	99%		
Hib3								
MCV	99%	99%	99%	95%	96%	99%		
Pol3	99%	99%	99%	95%	96%	97%		
TT2+ (PAB)								
Dietriet o	overed	0 / "		1				
District co	overag	e (as r	eportec	1)				
Ni mahawa fali	latulata la						2005	2004
Number of di		•						160
Percentage o	i districts	reportii	ig	г.				100%
					below 5			0%
DTP3: propor	tion of di	stricts v	ith cove	rage	betweer	า 50-79%		50%
				Lá	at 80% (or above		50%
MCV: proport	tion of dis	stricts w	ith cove	rage at 9	00% or a	bove		98%
DTP1-DTP3 c				of distric	ts that			4000/
have achieve	d a rate o	it less tr	ian 10%					100%
Supply: any v	accine su	pply inte	erruption	?			Yes	Yes
Safety: propo of autodisabl								
Of autouisabl	e (AD) 39	illiges i	or all loc	itilie iiiii	Humzat	10115		
Immuniza	ation s	chedu	ıle					
BCG	birth	; 7, 12 y	ears	MM	R		1	year
Dip		12 y	ears	Mun	nps		12	years
DT		6-7 y	ears	OPV		birth; 2	2, 3, 4 m	onths
DTwP	2, 3, 4	, 18 mo	nths	Rub	ella	15 ye	ears (fen	nales)
DTwPHep		2, 4 mo	nths	Td		hoostor o		ears;
HepB	birth;	2. 4 mo	nths	2, 4 months Td booster e			very IU	years
		,	110110	Typh	oid			dults

Kenya

								2005
Births							1,3	61,000
Surviving infan	its						1,2	71,000
Total populatio	n						34,2	56,000
Infant mortality	rate (p	er 1,000	live bir	hs)				79
Under-five mor	tality ra	te (per	1,000 liv	e births	s)			120
Gross national	income	per cap	ita (PPP,	US\$).				1,170
Percentage of r	outine l	EPI vacc	ines fina	nced b	y govern	ment		80%
National co	overa	ge ra	tes (W	1U\OH	VICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	85%	87%	87%	87%	88%	90%	92%	
DTP1	85%	84%	89%	89%	89%	89%	92%	
DTP3	76%	73%	73%	72%	74%	75%	84%	
HepB3	76%	73%	73%	72%				
Hib3	76%	73%	73%	72%				
MCV	69%	73%	72%	72%	73%	75%	78%	
Pol3	70%	73%	75%	72%	72%	71%	84%	
TT2+ (PAB)	72%	70%	66%	60%	54%	54%		
District cov	/orag	0 /00 "	0 10 0 Mt 0 0	11				
District cov	veray	C (dS I)	eportec	1)				
Number of dist	riote in	oountry					2005 78	2004 78
		,						
Percentage of o	aistricts	reportii	ig	Г			100%	100%
					below 50		4%	4%
DTP3: proportion	on of di	stricts w	ith cove	rage	between	50-79%	46%	51%
					_at 80% o	r above	50%	45%
MCV: proportio	n of dis	tricts w	ith cove	rage at	90% or a	bove	12%	9%
DTP1-DTP3 dro				of distr	icts that		= 40/	
have achieved	a rate o	f less th	an 10%				54%	46%
Supply: any vac	cine su	pply inte	erruption	?			Yes	Yes
Safety: proport of autodisable								100%
or autodisable	(AD) Syl	iliges i	or all roc	itille ili	IIIIuIIIZati	Olis		100%
Immunizat	ion s	chedu	ıle					
BCG		-	oirth	Vit	amin A	9,	12, 18, 2	
DTwPHibHep	6, 1	0, 14 w	eeks					onths
Measles		9 mo	nths	Yel	low fever		9 m (subnat	onths ional)
OPV bi	irth; 6, 1	0, 14 w	eeks				,	,
	+1 mon	pregnath; 2nd, pregna	3rd,					

								2005
Births								2,000
Surviving infa								
Total population							,	99,000
Infant mortalit								48
Under-five mo	•	•						65
Gross nationa								
Percentage of	routine	EPI Vacc	ines tina	ancea r	by govern	ment		100%
National o	overa	ge ra	tes (W	HO/UI	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	94%	94%	97%	99%	85%	80%	93%	66%
DTP1	75%	75%	87%	99%	85%	95%	98%	68%
DTP3	62%	62%	91%	99%	85%	90%	97%	43%
HepB3	67%	67%	83%	99%	85%	90%	73%	
Hib3								
MCV	56%	56%	72%	88%	76%	80%	75%	
Pol3	61%	61%	79%	96%	88%	90%	97%	10%
TT2+ (PAB)								
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of dis	stricts in	country						6
Percentage of	districts	reportir	ng					0%
					below 5	0%		
DTP3: proport	ion of di	stricts w	vith cove	erage	betweer	1 50-79%		
					at 80% o	or above		
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove		
DTP1-DTP3 dr				of distr	icts that			
Supply: any va	ooino cu	naly into	arruntion	.2				
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number								
of autodisable								

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

Korea, Democratic People's Republic of

								2005
Births						42,000		
Surviving infa	nts						3	27,000
Total populati	on						22,4	88,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				42
Under-five mo	ortality ra	ite (per	1,000 liv	e birth	s)			55
Gross nationa	ıl income	per cap	oita (PPP	, US\$).				
Percentage of	routine	EPI vaco	ines fina	anced l	y govern	ment		0%
National o	covera	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	94%	95%	88%	96%	82%	78%	99%	50%
DTP1	83%	75%	70%	65%	91%	82%	98%	74%
DTP3	79%	72%	68%	64%	62%	56%	98%	50%
HepB3	92%	98%	27%					
Hib3								
MCV	96%	95%	95%	98%	92%	78%	98%	29%
Pol3	97%	99%	99%	99%	98%	93%	99%	50%
TT2+ (PAB)								
District co	verag	e (as r	eported	d)				
							2005	2004
Number of di	stricts in	country					206	204
Percentage of	districts	reporti	ng					100%
					below 5	0%		0%
DTP3: proport	tion of di	stricts w	ith cove	erage	between	ո 50-79%	100%	100%
					at 80%	or above		0%
MCV: proport	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 va	accine su	pply inte	erruption	1?			No	No
Safety: proportion of districts supplied with sufficient number								

Immunization schedule

of autodisable (AD) syringes for all routine immunizations

BCG	+1 week after birth
DTwP	6, 10, 14 weeks
НерВ	+1 week after birth; 6, 14 weeks
Measles	9 months

OPV 6, 10, 14 weeks
TT 3, 4 months after
conception (pregnant women)
Vitamin A 6-59 months (2 doses)

100% 100%

								2005
Births							4	57,000
Surviving infa	ants						455,000	
Total populat	ion						47,8	17,000
Infant mortal	ity rate (p	er 1,000	live birt	hs)				5
Under-five m	ortality ra	ate (per	1,000 live	e birth	s)			5
Gross nationa	al income	per cap	oita (PPP,	US\$).				21,850
Percentage of	f routine	EPI vacc	ines fina	nced b	y govern	ment		100%
National	covera	ge ra	tes (W	HO/UI	VICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	97%	93%	87%	89%	89%	73%	72%	
DTP1	98%	95%	97%	97%	99%	97%	90%	
DTP3	96%	88%	97%	97%	99%	97%	74%	
HepB3	99%	92%	91%	92%	89%	93%		
Hib3								
MCV	99%	99%	96%	97%	97%	95%	93%	4%
Pol3	96%	90%	94%	99%	98%	99%	74%	
TT2+ (PAB)								
District co	overag	e (as r	eported)				
							2005	2004
Number of di	stricts in	country					248	246
Percentage of	f districts	reportir	ng				100%	100%
					below 5	0%		0%
DTP3: propor	tion of di	stricts w	ith cove	rage	betweer	n 50-79%		0%
					at 80% (or above	100%	100%
MCV: proport	ion of dis	stricts w	ith cover	age at	90% or a	above	100%	100%
DTP1-DTP3 d				of distr	icts that			
have achieve	d a rate c	of less th	an 10%				100%	100%
Supply: any v	accine su	pply inte	erruption	?			No	No
Safety: propo								
of autodisabl	e (AD) sy	ringes i	or all rou	itine in	nmumzat	ions		
Immuniza	ation s	chedu	ıle					
BCG	b	irth-1 m	onth	JE	12-24	l months;	+1-12 w	eeks;
DTaP	2, 4, 6, 15			_		•	ar; 6, 12	•
		4-6 y	ears	IM	MR 1	2-15 mon	ths; 4-6	years

Td

Typhoid

Varicella

birth; 1, 2-6 months

2, 4, 6-18 months; 4-6 years

high-risk groups

annual;

HepB

Influenza

11-12 years

high-risk groups

12-15 months

Kuwait

								2005
Births							!	51,000
Surviving infar	nts						!	51,000
Total population	n						2,6	87,000
Infant mortality	y rate (p	er 1,000	live bir	ths)				9
Under-five mortality rate (per 1,000 live births)								11
Gross national income per capita (PPP, US\$)								
Percentage of routine EPI vaccines financed by government 100%								100%
National c	overa	ge ra	tes (W	HO/UI	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	99%	99%	99%	99%	99%	98%	88%	86%
DTP3	99%	98%	99%	99%	99%	98%	71%	67%
HepB3	99%	94%	99%	99%	99%	95%		
Hib3	99%	98%	99%	99%	99%	98%		
MCV	99%	97%	97%	97%	99%	99%	66%	48%
Pol3	99%	98%	99%	99%	99%	94%	71%	70%
TT2+ (PAB)								
District co	verag	e (as r	eportec	i)				
2005 2004								2004
Number of dis	tricts in	country					109	109
Percentage of	districts	reportir	ng				100%	100%
					below 5	0%	0%	0%
DTP3: proporti	on of di	stricts w	ith cove	rage	betweer	50-79%	0%	0%
					at 80% o	or above	58%	58%
MCV: proportion	on of dis	tricts w	ith cove	rage at	90% or a	bove	53%	53%
DTP1-DTP3 dr				of distr	icts that			
have achieved	a rate o	f less th	an 10%				100%	100%
Supply: any va	ccine su	pply inte	erruption	1?			No	No
Safety: propor								
of autodisable	,	Ü		itine in	nmunizati	ions		
Immunizat	tion s	chedu	ıle					
BCG		3.5 y	ears	MI	MR		1, 3.5	years
DT	high	-risk gro	oups	OF	V bi	rth; 2, 4,		
DTPHib	2, 4, 6	i, 18 mo	nths					years
DTwP		3.5 y	ears		eumo_ps	-	jh-risk g	
НерВ	birth;	2, 6 mo	nths		bella	12 ye	ears (fen	
Influenza	high	-risk gro	oups	Td TT		k aroups	10-18 (cubpat	•
MenAC new labourers TT high-risk groups						(subiidl	ionai)	

MenACWY

food handlers

(subnational)

Typhoid

2 years; contact with pilgrims

BirthsSurviving infa Total populati Infant mortali Under-five mo Gross nationa Percentage of	1 5,2	2005 16,000 10,000 64,000 58 67 1,870 30%						
Trational								1000
BCG	2005 96%	2004 98%	2003 99%	2002 99%	2001 99%	2000 96%	1990	1980
DTP1	98%	99%	99%	99%	99%	99%		
DTP3	98%	99%	98%	98%	99%	99%		
HepB3	97%	99%	99%	99%	57%	44%		
Hib3								
MCV	99%	99%	99%	98%	99%	98%		
Pol3	98%	98%	98%	99%	99%	99%		
TT2+ (PAB)								
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	stricts in	country					52	52
Percentage of	districts	reporti	ng				100%	100%
					below 5	0%		0%
DTP3: proport	tion of di	stricts v	vith cove	erage	betweer	1 50-79%		0%
					at 80% o	or above	100%	100%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	100%	100%
DTP1–DTP3 d have achieved				of distri	cts that		100%	100%
Supply: any va	accine su	pply inte	erruption	1?			No	No
Safety: propo of autodisable								100%

2, 3.5, 5 months; 2 years

birth; 2, 5 months

birth

6 years

MMR

MR

OPV

Td

BCG

DT

DTwP

HepB

12 months

birth; 2, 3.5, 5 months

11, 16, 26, 36, 46, 56 years

6 years

Lao People's Democratic Republic

Births									
National coverage rates (WHO/UNICEF estimates, 200									
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 65% 68% 49% 49% 41% 50% 30%	2004 60% 66% 45% 45% 36% 46% 30%	2003 65% 72% 50% 50% 42% 52% 36%	2002 65% 65% 55% 55% 55% 35%	2001 60% 60% 40% 50% 55% 33%	2000 69% 83% 53% 42% 57% 37%	1990 26% 41% 18% 32% 26%	 	
District coverage (as reported)									
Number of dis Percentage of DTP3: proport	districts	reporti	ng	erage	below 5	0% n 50-79%	2005 141 100% 45% 44%	2004 142 100% 58% 35%	
					at 80% o	or above	12%	7%	
MCV: proporti DTP1–DTP3 di have achieved	op-out r	ate: pro	portion			bove	3% 18%	1% 10%	
Supply: any va	ccine su	pply inte	erruption	1?			No		
Safety: propor of autodisable	tion of d (AD) sy	listricts ringes f	supplied or all rou	l with s			100%		
Immuniza	tion s	chedu	ıle						
BCG DTwPHep HepB Measles OPV	·	0, 14 w	oirth nths	TT Vit	amin A		+4, +4 w +1, +1 12, 18, 2 36 m	year	

Births								
National C					NICEF ES		, 2005)	
BCG	2005 99%	2004 99%	2003 99%	2002 99%	2001 99%	2000 99%	1990	1980
DTP1	99%	99%	99%	99%	99%	99%		•••
DTP3	99%	99%	98%	97%	97%	96%		
HepB3	98%	98%	98%	98%	96%	95%		
Hib3	94%	95%	92%	87%	84%	79%		
MCV	95%	99%	99%	98%	98%	97%		
Pol3	99%	99%	98%	98%	97%	96%		
TT2+ (PAB)								
District co	verag	e (as r	eportec	1)				
							2005	2004
Number of dis	stricts in	country					33	33
Percentage of	districts	reportir	ng				100%	100%
					below 5	0%	0%	0%
DTP3: proport	ion of di	stricts w	ith cove	rage	betweer	1 50-79%	0%	0%
					at 80% o	or above	100%	100%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	91%	100%
DTP1-DTP3 d	rop-out r	ate: pro	portion	of distr	icts that			
have achieved	d a rate o	of less th	an 10%				97%	97%
Supply: any va	accine su	pply inte	erruption	?			No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								

HepB birth; 1, 6-8 months

BCG	birth	Hib	3, 4.5, 6 months
DT	7 years	MMR	15 months; 7 years
DTwPHibIPV	3, 4.5, 6 months	OPV	18 months; 7, 14 years
DTwPIPV	3, 4.5, 6 months	Td	14 years

Lebanon

Births								66,000	
Surviving infa	ants						(64,000	
Total populati	ion						3,5	77,000	
Infant mortali	ty rate (p	er 1,000	live bir	ths)				27	
Under-five m	•							30	
Gross nationa								5,740	
Percentage of	f routine	EPI vaco	ines fina	anced by	govern/	ment		100%	
National	covera	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG									
DTP1	98%	98%	98%	98%	95%	93%	94%	17%	
DTP3	92%	92%	92%	92%	93%	90%	82%	0%	
HepB3	88%	88%	88%	88%	70%	70%			
Hib3	92%	92%	92%						
MCV	96%	96%	96%	96%	94%	90%	61%	0%	
Pol3	92%	92%	92%	92%	93%	90%	82%	0%	
TT2+ (PAB)									
District co	District coverage (as reported)								
							2005	2004	
Number of di	stricts in	country					26	25	
Percentage of	f districts	reporti	ng					100%	
					below 5	0%			
DTP3: propor	tion of di	stricts w	vith cove	erage	between	50-79%			
					at 80% c	r above			
MCV: proport	ion of dis	stricts w	ith cove	rage at 9	90% or a	bove			
DTP1-DTP3 d	rop-out i	ate: pro	portion	of distri	cts that				
have achieve	d a rate o	of less th	nan 10%						
Supply: any v	accine su	pply inte	erruption	1?			Yes	Yes	
Safety: propo								4000/	
of autodisable	e (AD) sy	ringes f	or all roi	utine im	munizati	ons		100%	
Immuniza	ition s	chedu	ıle						
DT		<8 y	ears	MM	R	13 mon	ths; 4-5	years	
DTwP 4-6 years OPV 2, 3, 4, 15-18 months;									
DTwPHib	2, 3, 4, 1	5-18 mo	nths				5, 10-12	•	
НерВ	birth;	1, 4 mo	nths	Td		1	0-12, 18	years	

								2005
Births							!	50,000
Surviving infa	nts							47,000
Total populati	on						1,79	95,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				102
Under-five mo	ortality ra	ite (per	1,000 liv	e births	s)			132
Gross national income per capita (PPP, US\$)								3,410
Percentage of	routine	EPI vacc	ines fina	anced b	y govern	ment		9%
National o	covera	ge ra	tes (W	HO/UI	VICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	96%	96%	96%	90%	83%	88%	89%	81%
DTP1	95%	95%	95%	89%	83%	87%	91%	75%
DTP3	83%	83%	83%	81%	78%	82%	82%	56%
HepB3	83%	71%	14%					
Hib3								
MCV	85%	85%	85%	78%	70%	74%	80%	49%
Pol3	80%	80%	80%	79%	78%	81%	82%	56%
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	stricts in	country					18	19
Percentage of	districts	reportir	ng				100%	100%
					below 5	0%	11%	11%
DTP3: proport	tion of di	stricts w	ith cove	rage	betweer	n 50-79%	39%	63%
					at 80% o	or above	56%	26%
MCV: proporti	ion of dis	stricts w	ith cove	rage at	90% or a	bove	11%	11%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%								100%
Supply: any va	accine su	pply inte	erruption	?			Yes	Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations							100%	100%

BCG birth OPV 6, 10, 14 weeks DT 18 months TT 1st contact pregnancy;

DTwP 6, 10, 14 weeks HepB 6, 10, 14 weeks

Immunization schedule

Measles 9, 18 months

TT 1st contact pregnancy; +4 weeks; +6 months; +1, +1 year Vitamin A 6, 12, 18, 24, 30,

itamin A 6, 12, 18, 24, 30, 36 months

Liberia

								2005	
Births							1	67,000	
Surviving inf	ants						1	44,000	
Total populat	ion						3,2	3,283,000	
Infant mortality rate (per 1,000 live births)								157	
Under-five mortality rate (per 1,000 live births)								235	
Gross nation	al income	per cap	oita (PPP	, US\$)					
Percentage of routine EPI vaccines financed by government						0%			
National coverage rates (WHO/UNICEF estimates, 2005)									
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG	82%	60%	43%	67%	77%	79%			
DTP1	92%	48%	49%	67%	79%	78%			
DTP3	87%	31%	38%	51%	62%	55%			
HepB3									
Hib3									
MCV	94%	42%	53%	57%	78%	52%			
Pol3	77%	33%	39%	50%	61%	59%			
TT2+ (PAB)	72%	35%	40%	46%	51%	56%			

District coverage (as reported)

Number of districts in country.		2005 15	2004 15
Number of districts in country		15	15
Percentage of districts reporting		100%	67%
	below 50%	20%	53%
DTP3: proportion of districts with coverage	between 50-79%	27%	13%
	at 80% or above	53%	0%
MCV: proportion of districts with coverage a	t 90% or above	47%	7%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	47%	40%	
Supply: any vaccine supply interruption?	Yes	No	
Safety: proportion of districts supplied with a of autodisable (AD) syringes for all routine in		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, +6, +6, +6 months Yellow fever 9 months

Libyan Arab Jamahiriya

Births							1:	2005 36,000 33,000 53,000 18 19
National o	covera	ge ra	tes (W	NO/UN	NICEF es	stimates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 99% 98% 98% 97% 97% 98%	2004 99% 99% 97% 99% 99% 97%	2003 99% 98% 95% 95% 	2002 99% 97% 93% 91% 91% 93%	2001 99% 96% 94% 93% 93% 94%	2000 97% 97% 94% 92% 92% 94%	1990 90% 94% 84% 89% 84%	1980 88% 82% 60% 61% 60%
District co	verag	e (as r	eportec	I)				
Number of districts in country 35 Percentage of districts reporting 100% 10 DTP3: proportion of districts with coverage below 50% 0% 1 at 80% or above 100% 8						2004 35 100% 3% 17% 80%		
DTP1-DTP3 d				of distri	cts that		80%	71%
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations						Yes 		
Immuniza	tion s	chedu	le					
Immunization schedule BCG birth MMR DT 6 years OPV birth; 6, 1 DTwP 6, 10, 14, 18 weeks 18 mod								

HepB

Measles

MenACWY

9 months

6 years

birth; 6 weeks; 8 months

high-risk groups

12 years

travellers

Pneumo_ps

Yellow fever

TT

Lithuania

								2005
Births							;	31,000
Surviving infa	ants						;	30,000
Total populati	ion						3,4	31,000
Infant mortali	ty rate (p	er 1,000	live bir	hs)				7
Under-five me	ortality ra	ite (per	1,000 liv	e births)			9
Gross nationa	al income	per cap	ita (PPP	US\$)				14,220
Percentage of	f routine I	EPI vacc	ines fina	nced by	y govern	ment		
National	covera	ge rat	tes (W	HO/UN	IICEF es	stimates	. 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%		
DTP1	98%	94%	98%	98%	98%	99%		
DTP3	94%	94%	94%	95%	95%	94%		
HepB3	95%	94%	95%	94%	95%	99%		
Hib3	61%	35%	10%	5%	4%	2%		
MCV	97%	98%	98%	98%	97%	97%		
Pol3	93%	90%	91%	97%	97%	92%		
TT2+ (PAB)								
District								
District co	overag	e (as r	eportec	l)				
				l)			2005	2004
Number of di	stricts in	country		l)			52	52
	stricts in	country					52 100%	52 100%
Number of di Percentage of	stricts in f districts	country reportir	ng		below 5		52 100% 0%	52 100% 0%
Number of di	stricts in f districts	country reportir	ng			0% n 50-79%	52 100%	52 100% 0% 0%
Number of di Percentage of	stricts in f districts	country reportir	ng	erage		50-79%	52 100% 0%	52 100% 0%
Number of di Percentage of	stricts in f districts tion of di	country reportir stricts w	ng vith cove	erage	betweer	50-79% or above	52 100% 0% 6%	52 100% 0% 0%
Number of di Percentage of DTP3: proport MCV: proport DTP1-DTP3 d	stricts in f districts tion of dis ion of dis rop-out r	country reportin stricts w stricts w ate: pro	ng vith cove ith cove portion	rage rage at 9	betweer at 80% o	50-79% or above	52 100% 0% 6% 94% 96%	52 100% 0% 0% 100% 96%
Number of di Percentage of DTP3: proport	stricts in f districts tion of dis ion of dis rop-out r	country reportin stricts w stricts w ate: pro	ng vith cove ith cove portion	rage rage at 9	betweer at 80% o	50-79% or above	52 100% 0% 6% 94%	52 100% 0% 0% 100%
Number of di Percentage of DTP3: proport MCV: proport DTP1-DTP3 d	stricts in f districts tion of di- ion of dis rop-out r d a rate o	country reportir stricts w stricts w ate: pro f less th	ng vith cove ith cove portion an 10%	rage at S	betweer at 80% o	50-79% or above	52 100% 0% 6% 94% 96%	52 100% 0% 0% 100% 96%
Number of di Percentage of DTP3: propor MCV: proport DTP1-DTP3 d have achieved Supply: any vo Safety: propo	stricts in f districts tion of di- ion of dis rop-out r d a rate o accine su rtion of d	country reportir stricts w ate: pro f less th pply inte	ng ith cove portion an 10% erruption supplied	rage at soft district?	betweer at 80% of 90% or a cts that	n 50-79% or above bove number	52 100% 0% 6% 94% 96%	52 100% 0% 0% 100% 96% 98%
Number of di Percentage of DTP3: propor MCV: proport DTP1–DTP3 d have achieved Supply: any vo	stricts in f districts tion of di- ion of dis rop-out r d a rate o accine su rtion of d	country reportir stricts w ate: pro f less th pply inte	ng ith cove portion an 10% erruption supplied	rage at soft district?	betweer at 80% of 90% or a cts that	n 50-79% or above bove number	52 100% 0% 6% 94% 96%	52 100% 0% 0% 100% 96%
Number of di Percentage of DTP3: propor MCV: proport DTP1-DTP3 d have achieved Supply: any vo Safety: propo	stricts in f districts tion of districts ion of distrop-out r. d a rate o accine sulution of de (AD) syl	country reportir stricts w stricts w ate: pro f less th pply inte listricts s ringes fo	ng ith cover ith cover portion an 10% erruption supplied or all rou	rage at soft district?	betweer at 80% of 90% or a cts that	n 50-79% or above bove number	52 100% 0% 6% 94% 96%	52 100% 0% 0% 100% 96% 98%
Number of di Percentage of DTP3: propor MCV: proport DTP1-DTP3 d have achieved Supply: any v. Safety: propo of autodisable	stricts in f districts tion of districts ion of distrop-out r. d a rate o accine sulution of de (AD) syl	country reportir stricts w stricts w ate: pro f less th pply inte listricts s ringes fo	ng ith cover ith cover portion an 10% erruption supplied or all rou	rage at soft district?	betweer at 80% of 90% or a cts that ufficient munizati	n 50-79% or above bove number	52 100% 6% 94% 96% 100%	52 100% 0% 0% 100% 96% 98% No
Number of di Percentage of DTP3: propor MCV: proport DTP1-DTP3 d have achieved Supply: any v. Safety: propo of autodisable	stricts in f districts tion of districts ion of distrop-out r. d a rate o accine sulution of de (AD) syl	country reportir stricts w stricts w ate: pro f less th pply inte listricts: ringes fo	ng with cover ith cover portion of an 10% erruption supplied or all rou	erage at sof districtions?	betweer at 80% of 90% or a cts that ufficient munizati	n 50-79% or above bove number	52 100% 6% 94% 96% 100%	52 100% 0% 0% 100% 96% 98% No 100%
Number of di Percentage of DTP3: propor MCV: proport DTP1-DTP3 di have achieved Supply: any vi Safety: propo of autodisable	stricts in f districts tion of districts in or of districts ion of district rop-out r. d a rate of accine sulution of de (AD) systems in the strict strict of de (AD) systems in the strict results in	country reportir stricts w stricts w ate: pro f less th pply inte listricts: ringes fo	ng ith cove ith cove portion an 10% erruption supplied or all rou ile birth ears	rage at 9 of district ?	betweer at 80% of 90% or a cts that ufficient munization	n 50-79% or above bove number ions	52 100% 0% 6% 94% 96% 100% 	52 100% 0% 0% 100% 96% 98% No 100%

								2005
Births							6,000	
Surviving infants								6,000
Total populati							46	65,000
Infant mortali								4
Under-five mo	,	•						5
Gross nationa							(35,340
Percentage of	routine	EPI Vacc	ines tina	ancea by	govern	ment		100%
National o	covera	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	99%	99%	98%	98%	98%	98%	96%	
DTP3	99%	99%	98%	98%	98%	98%	90%	
HepB3	95%	72%	49%	49%	49%	49%		
Hib3	98%	97%	95%	94%	92%	91%		
MCV	95%	93%	91%	91%	91%	91%	80%	
Pol3	99%	99%	98%	98%	98%	98%	90%	
TT2+ (PAB)								
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of dis	stricts in	country					3	
Percentage of	districts	reportir	ng					
				Г	below 50	0%		
DTP3: proport	ion of di	stricts w	ith cove	erage	between	50-79%		
				L:	at 80% c	r above		
MCV: proporti	on of dis	stricts w	ith cove	rage at 9	90% or a	bove		
DTP1-DTP3 d				of distric	ts that			
have achieved	a rate o	t less th	ian 10%					
Supply: any va	accine su	pply inte	erruption	1?				
Safety: propo of autodisable								

BCG	4 weeks
DTaPHibHep	IPV 2-3, 3-5, 11-12 months
DTaPHibIPV	4-6 months
DTaPIPV	5-6, 15-16 years
HepB 12	years if unimmunized as a child
Influenza	>65 years every year

every 10 years as booster

IPV

Madagascar

2005 Births								12,000 59,000 06,000 74 119 880
National o	covera		tes (W	HO/UN		timates	, 2005)	
BCG DTP1	2005 72% 71%	2004 72% 71%	2003 72% 71%	2002 72% 72%	2001 72% 72%	2000 72% 73%	1990 67% 71%	1980 21%
DTP3	61%	61%	61%	60%	58%	57%	46%	
HepB3	61%	61%	61%					
Hib3								
MCV	59%	59%	59%	58%	57%	56%	47%	
Pol3	63%	63%	63%	62%	61%	59%	46%	
TT2+ (PAB)	45%	47%	49%	51%	53%	55%		
District co	verag	e (as r	eported					
Number of dis		,					2005 111 96%	2004 111 100%
				Г	below 50	0%	10%	26%
DTP3: proport	ion of di	stricts w	vith cove	rage	between	50-79%	17%	33%
				•	at 80% c		59%	41%
MCV: proporti	on of die	stricte w	ith covo	_ cago at 9	00% or a	hovo	39%	23%
DTP1-DTP3 d				-		Dove	33/0	23/0
have achieved				or alsure	is that		60%	32%
Supply: any va	accine su	nnly inte	erruption	7			Yes	Yes
Safety: propos of autodisable	rtion of c	listricts	supplied	with su			100%	92%
Immuniza	tion s	ch <u>ed</u> ı	ıle					
BCG		,	oirth	TT		lst contac	et prean	ancv:
DTPHep	6. 1	0, 14 we				-6 month		
Measles	٠, ١	9 mo		Vita	min A	. =	6 mo	,
OPV	birth;	6, 10 we					ery 6 mo til 5 year	

Births							2005 55,000 95,000 84,000 79 125 650 20%	
National o	covera	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)	
BCG DTP1	2005 99% 99%	2004 97% 99%	2003 91% 99%	2002 78% 94%	/-	2000 83% 98%	1990 97% 95%	1980 80%
	93%	/-	84%	64%		96% 75%	95% 87%	58%
DTP3 HepB3	93%	89% 89%	84%	64%	/-	75%	6/%	56%
Hib3	93%	89%	84%	64%				
MCV	82%	80%	77%	69%	82%	73%	81%	49%
Pol3	94%	94%	85%	79%	86%	73%	93%	28%
TT2+ (PAB)		70%	70%	70%	70%	70%		
District co	verag	e (as r	eported	d)				
Number of dis		,					2005 26 100%	2004 26 100%
					below 5	0%	0%	0%
DTP3: proport	tion of di	stricts v	vith cove	erage	betwee	n 50-79 %	8%	15%
					at 80%	or above	92%	85%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	above	19%	23%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% 31%						12%		
Supply: any va	accine su	pply inte	erruption	1?			No	No
Safety: proportion of districts supplied with sufficient number						100%		

BCG	birth
DTPHibHep	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

Vitamin A 6, 12, 18, 24, 30, 36, 42 months

Malaysia

								2005
Births								47,000
Surviving infa	ants						54	42,000
Total populat	ion						25,34	47,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				10
Under-five m	ortality ra	ite (per	1,000 liv	e birth	s)			12
Gross nation	al income	per cap	oita (PPP	, US\$).				10,320
Percentage of	f routine	EPI vaco	ines fina	anced b	y govern	ment		85%
National	covera	ue ra	tes (W	HO/LII	VICEE AS	etimates	2005)	
rvational								
BCG	2005	2004	2003 99%	2002 99%	2001	2000	1990	1980
	99%	99%			99%	99%	99%	94%
DTP1	90%	99%	98%	98%	98%	98%	96%	86%
DTP3	90%	99%	96%	96%	97%	95%	90%	67%
HepB3	90%	95%	95%	95%	95%	94%	86%	
Hib3	90%	99%	96%					
MCV	90%	95%	92%	92%	92%	88%	70%	
Pol3	90%	95%	97%	97%	97%	95%	90%	67%
TT2+ (PAB)								
District co	overaq	e (as r	eportec	d)				
	U						2005	2004
Number of di	stricts in	country					2005 132	122
Percentage of		•					100%	
rercentage o	i uistricts	reportii	ig	Г			100%	
					below 5	0%		
DTP3: propor	tion of di	stricts w	vith cove	erage	betweer	50-79%		
					at 80% o	or above		

Number of districts in country		2005 132	2004 122
Number of districts in country		132	122
Percentage of districts reporting		100%	
	below 50%		
DTP3: proportion of districts with coverage	between 50-79%		
	at 80% or above		
MCV: proportion of districts with coverage a	t 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			

BCG	birth
DT	7 years
DTwP	18 months
DTwPHib	2, 3, 5 months
НерВ	birth; 2, 3, 5 months
JE high-i	9, 10, 18 months; 4, 7 years; risk groups (subnational)
Measles	6 months (subnational)
111000100	o months (additiditiditidi)

MenACWY	pilgrims
MMR	12 months; 7 years
OPV	2, 3, 5, 18 months
Rubella	CBAW, schoolchildren 12-17 years
TT 15 ye	ears (pregnant women)
Typhoid	food handlers
Yellow feve	travellers

228 108 109 10									
Gross nationa	l income	per cap	oita (PPP	, US\$)					
Percentage of	routine	EPI vacc	ines fina	anced by	govern	ment		100%	
National o	covera	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)		
BCG	2005 99%	2004 98%	2003 98%	2002 98%	2001 99%	2000 99%	1990 99%	1980 7%	
DTP1	99%	98%	98%	98%	99%	98%	97%	22%	
DTP3	98%	96%	98%	98%	98%	97%	94%	4%	
HepB3	98%	97%	98%	98%	96%	90%			
Hib3									
MCV	97%	97%	96%	99%	99%	99%	96%		
Pol3	98%	96%	98%	98%	98%	97%	94%	4%	
TT2+ (PAB)									
District co	verag	e (as r	eportec	l)					
Number of dis	stricts in	country					2005 20	2004 20	
Percentage of	districts	reportir	ng	_			100%	100%	
					below 5	0%		0%	
DTP3: proport	ion of di	stricts w	ith cove	rage	betweer	50-79%		0%	
					at 80% o	r 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% 95%							90%		
Supply: any va	accine su	pply inte	erruption	?			No	No	
Safety: propor of autodisable							100%	100%	

DT	5 years
DTwP	6, 10, 14 weeks
НерВ	birth; 4, 12 weeks
Influenza	15-45 years (pilgrims)
Measles	9 months
MenAC	18-45 years (travellers)
MenACWY	15-45 years (pilgrims)

OPV	birth; 8, 12, 16 weeks
TT	CBAW and 1st contact gnancy; +1, +6 months; +1, +1 year
Typhoid	18-45 years (travellers)
Vitamin A	6, 12, 18, 24 months
Yellow feve	r 18-45 years (travellers)

Births Surviving infants								2005 61,000 75,000 18,000 120 218 1,000 71%
National c	overa	ge ra	tes (W	1U/OH	VICEF es	timates	, 2005)	
BCG DTP1	2005 82% 95%	2004 75% 91%	2003 63% 87%	2002 81% 84%	2001 68% 75%	2000 69% 65%	1990 82% 67%	1980
DTP3	85%	76%	69%	64%	51%	40%	42%	
HepB3	85%	73%	79%					
Hib3	3%							
MCV	86%	75%	68%	64%	61%	49%	43%	
Pol3	84%	72%	65%	60%	51%	39%	42%	
TT2+ (PAB)	75%	50%	25%	32%	32%	32%		
District coverage (as reported)								
Number of dis	tricts in	country					2005 59 100%	2004 58 100%
					below 50)%	5%	21%
DTP3: proporti	ion of di	stricts w	ith cove	rage	between	50-79%	27%	33%
					at 80% o	r above	68%	47%
MCV: proportion	on of dis	tricts w	ith cove	age at	90% or a	bove	41%	21%
DTP1-DTP3 dr have achieved				of distr	icts that		24%	12%
Supply: any va			•				Yes	Yes
Safety: propor of autodisable							100%	100%
Immuniza	tion s	chedu	le					
BCG DTwP		I0, 14 w		TT		CBAW ar nancy; +		nths;
DTwPHibHep		10, 14 w		Vit	amin A		6 m	onths
HepB Measles	0,	10, 14 w 9 mo		Yel	low fever		9 m	onths
	oirth; 6, 1							
J1 V L	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		OORO					

									2005
Births									
Surviving infants									4,000
Total population402								02,000	
-	nfant mortal	ity rate (p	er 1,000) live birt	hs)				5
ı	Under-five m	ortality ra	te (per	1,000 live	e births	s)			6
(Gross nation	al income	per ca	oita (PPP,	US\$).				18,960
ı	Percentage o	f routine I	EPI vaco	cines fina	nced b	y goveri	nment		60%
	National	covera	ge ra	tes (W	HO/LII	VICEE 6	stimates	2005)	
	rational	2005	2004	2003	2002	2001	2000	1990	1980
	BCG	2005	2004	2003	2002	2001	2000	77%	1900
	DTP1	94%	76%	96%	95%	98%	97%	84%	
	DTP3	92%	55%	94%	95%	95%	94%	63%	
	HepB3	78%	8%	70%	3370				
	•	83%	55%	93%	 71%	84%	93%		
	Hib3	86%	95% 87%	90%	65%		93% 74%	 80%	•••
	MCV					65%			
	Pol3	94%	55%	94%	95%	95%	94%	86%	
	TT2+ (PAB)			•••					
	District coverage (as reported)								
								2005	2004
-	Number of d	istricts in	country	,				0	
-	Percentage o	of districts	reporti	ng					
						_ below 5	50%		
	DTP3: propor	rtion of di	etricte v	vith cove	rage		n 50-79%		
٠	DTT 3. propor	ition of al	Stricts v	vitii cove	rage		or above		
					L	_ αι ου 70 _	or above		
	MCV: proport				_		above		
	DTP1–DTP3 c have achieve				of distr	icts that			
	nave acmeve	u a rate o	1 1699 (1	1a11 10 /0					
;	Supply: any v	accine su	pply inte	erruption	?				
	Safety: propo of autodisabl								
,	oi autouisabi	ie (AD) syl	iliges i	or all rou	itine in	IIIIuIIIZa	lions		
	lmmuniza	ation s	chedu	ıle					
	BCG		12 י	years	MI	ИR	15 mor	nths; 8-9	years
ı	DT		3.5	years	OP	V	2, 3, 4 m	onths; 3	.5, 16,
ı	DTwP	2,	3, 4 mc	onths				26	years
1	НерВ	15, 16	6, 21 ma	onths	Td			16	years
1	Hib	2,	3, 4 m	onths					

Marshall Islands

iviai Silai	ı ısıaı	luə						
								2005
Births								2,000
Surviving infa								
Total populati	on							62,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				51
Under-five mo	ortality ra	ite (per	1,000 liv	e birth:	s)			58
Gross nationa								
Percentage of	routine	EPI vaco	ines fina	anced b	y govern	ment		
National o	covera	ge ra	tes (W	HO/UI	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	93%	91%	93%	90%	89%	89%	49%	
DTP1	89%	71%	90%	90%	90%	23%	97%	
DTP3	77%	64%	68%	80%	73%	39%	92%	
НерВ3	89%	72%	74%	80%	76%	36%	10%	
Hib3	69%	46%	70%	80%	45%	45%		
MCV	86%	70%	90%	80%	89%	94%	52%	
Pol3	88%	68%	80%	80%	73%	36%	89%	
TT2+ (PAB)		•••						
District co	verag	e (as r	eported	d)				
							2005	2004
Number of di	stricts in	country					1	3
Percentage of	districts	reportin	ng					
					below 5	0%		
DTP3: proport	tion of di	stricts w	vith cove	erage	betweer	า 50-79%		33%
					at 80% (or above		
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove		
DTP1-DTP3 d				of distr	icts that			
have achieved	d a rate o	if less th	ian 10%					
Supply: any va	accine su	pply inte	erruption	1?				No
Safety: propo of autodisable								
	•			atilie III	miumzat	10113		
Immuniza	tion s	chedı	ıle					

BCG	birth (subnational)
DTaP	2, 4, 6 months; 1, 4-5 years
НерВ	birth; 2, 6 months
Hib	2, 4 months; 1 year
Influen	za >45 years and high-risk groups (subnational)

MMR 12 months; +1 month
OPV 2, 4, 6 months; 4-5 years
Td booster every 10 years
TT booster every 10 years

								2005		
Births										
Surviving infa		14,000								
Total populat								69,000		
Infant mortali							,	78		
Under-five m								125		
Gross nationa	,							2,150		
Percentage of								100%		
					, -			,.		
National	covera	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	87%	86%	84%	98%	70%	75%	79%			
DTP1	85%	83%	91%	99%	82%	70%	69%			
DTP3	71%	70%	76%	83%	61%	40%	33%			
HepB3	42%									
Hib3										
MCV	61%	64%	71%	81%	58%	62%	38%			
Pol3	71%	68%	75%	82%	58%	44%	33%			
TT2+ (PAB)	34%	33%	41%	40%	31%	17%				
Dietriot or	worag	0 /00 "	0 10 0 Mt 0 0	1)						
District co	verag	e (as r	eportec	1)						
Niveshau of di							2005	2004		
Number of di		•					53	53		
Percentage of	f districts	reporti	ng		_		100%	100%		
					below 5	50%	23%	23%		
DTP3: propor	tion of di	stricts v	vith cove	rage	betwee	n 50-79%	51%	53%		
					at 80%	or above	26%	25%		
MCV: proportion of districts with coverage at 90% or above							4%	9%		
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%							28%	32%		
Supply: any v	accine su	pply inte	erruption	?			No	No		
Safety: propo of autodisable							100%			

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

Mauritius

Births								
National o	overa	ge ra	tes (W	HO/UN	IICEF es	timates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 99% 99% 97% 97% 98% 97%	2004 99% 98% 98% 98% 98%	2003 92% 93% 92% 92% 94% 93%	2002 87% 92% 88% 84% 88%	2001 89% 92% 92% 92% 90% 93%	2000 88% 88% 88% 88% 84% 88%	1990 87% 95% 85% 76% 86%	1980 89% 96% 89% 90%
Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage 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 2005 2004 100% 100% 100% 0% 0% 0% 0% 0% 0% 0% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%								10 100% 0% 0% 100% 40%
lmmuniza	tion s	chedu	lle					
BCG DT DTwP HepB				MN OP ^v TT		4, 5 mon	ths; 2, 5	years years years

								2005
								2005
Births								72,000
								32,000
Total populati							107,0	29,000
Infant mortali								22
Under-five mo	-							27
Gross nationa								10,030
Percentage of	routine l	EPI vacc	ines fina	anced b	y gover	nment		100%
National o	covera	ge ra	tes (W	HO/UI	VICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	67%	48%
DTP1	99%	99%	99%	92%	91%	90%	77%	69%
DTP3	98%	98%	98%	91%	89%	89%	53%	44%
HepB3	98%	98%	98%	91%	89%	89%		
Hib3	98%	98%	98%	91%	89%	89%		
MCV	96%	96%	96%	96%	95%	96%	75%	35%
Pol3	98%	98%	98%	92%	90%	89%	66%	91%
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
	2005 2004							
Number of di	stricts in	country					2444	2443
Percentage of	districts	reportir	ng				100%	100%
		•			_ below !	50%	0%	0%
DTP3: proport	tion of di	etricte w	ith cove	rage		n 50-79%	0%	3%
BTT 3. propon	ilon or ar	oti ioto vi	ntii cove	rage		or above	100%	97%
				L	_			
MCV: proport				•		above	97%	97%
DTP1–DTP3 d have achieved				of distr	icts that		100%	100%
Supply: any va	accine su	pply inte	erruption	?			Yes	
Safety: propo					ufficient	number		
of autodisable	e (AD) sy	ringes fo	or all rou	utine in	nmuniza	tions		
lmmuniza	tion s	chedu	ıle					
BCG		ŀ	oirth	MF	?		13-39	years
DTPHibHep	2,	4, 6 mo	nths	OP	V	2	, 4, 6 m	onths
DTwP		2, 4 y	ears	Pn	eumo_co	onj	>50	years
НерВ		≥12 y	ears	Td			ars (6 do	
Influenza		6-22, 7			,		gnant wo	
14145	17	7-23 mo		Vai	ricella	immuno		nised Idren
MMR		1, 6 y	ears		amin A		ore /2 d	

Vitamin A <4 years (2 doses)

Micronesia (Federated States of)

								2005
Births								3,000
Surviving inf	ants							3,000
Total populat	ion							110,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				34
Under-five m	ortality ra	ate (per	1,000 liv	e births)				42
Gross nation	al income	per cap	oita (PPP	, US\$)				
Percentage o	f routine	EPI vaco	ines fina	anced by	govern	ment		0%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	70%	62%	64%	51%	37%	24%	12%	
DTP1	97%	83%	97%	94%	91%	95%	95%	
DTP3	94%	78%	92%	84%	75%	85%	85%	
HepB3	91%	80%	89%	88%	88%	87%	56%	
Hib3	74%	65%	68%	70%	73%	75%		
MCV	96%	85%	91%	88%	85%	82%	81%	
Pol3	94%	82%	88%	84%	79%	78%	85%	
TT2+ (PAB)								

District coverage (as reported)

		2005	2004
Number of districts in country		4	4
Percentage of districts reporting		100%	100%
	below 50%		
DTP3: proportion of districts with coverage	between 50-79%		
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at	t 90% or above	100%	100%
DTP1–DTP3 drop-out rate: proportion of distribute achieved a rate of less than 10%	ricts that		
Supply: any vaccine supply interruption?		Yes	Yes
Safety: proportion of districts supplied with sof autodisable (AD) syringes for all routine in	100%		

BCG	birth	Influenza	yearly for adults
DTwP	2, 4, 6, 12-15 months;	MMR	12 months; +1 month
	4-6 years	OPV 2, 4,	6, 12 months; 4-6 years
НерВ	birth; 2, 6 months	Td	every 10 years
Hib	2, 4, 12 months	TT	every 10 years

Births								2005 43,000 42,000 06,000 14 16 2,150 84%
National	covera	ge ra	tes (W	1U/OH	VICEF es	stimates	, 2005)	
BCG DTP1	2005 97% 98%	2004 96% 99%	2003 98% 99%	2002 99% 98%	2001 98% 97%	2000 98% 94%	1990 	1980
DTP3	98%	98%	98%	97%	90%	91%		
HepB3	99%	99%	99%	99%	84%	88%		
Hib3								
MCV	97%	96%	96%	94%	81%	87%		
Pol3	98%	98%	98%	98%	93%	92%		
TT2+ (PAB)								
District of	overag	e (as r	enorted	D.				
Diotriot	ovorag	O (us i	оронос	'/			2005	2004
Number of o	districts in	country					44	44
Percentage	of districts	reportir	ng				100%	100%
					below 5	0%	0%	0%
DTP3: propo	rtion of di	stricts w	ith cove	rage	betweer	50-79%	0%	0%
					at 80% o	or above	100%	100%
MCV: propo	rtion of dis	stricts w	ith cove	rage at	- 90% or a	hove	98%	98%
DTP1-DTP3				•		5000	3070	0070
have achiev							95%	98%
Supply: any	vaccine su	pply inte	erruption	?			Yes	No
Safety: prop of autodisab							100%	100%
Immuniz	ation s	chedu	ile					
BCG	3-5 da	ys; 6-7 y	ears	MN	ЛR	12 mor	ths; 6-7	years
DT		6-7 y		OP			22-24 m	
DTwP	2, 4, 6, 2							years
НерВ	birth;	1, 6 mo	nths	Td		15, 20,	25, 30, 3 50, 60	

Monaco

								2005
Births			0					
Surviving infa								
Total population	on							35,000
Infant mortalit	y rate (p	er 1,000	live birt	hs)				4
Under-five mo	rtality ra	te (per	1,000 live	e births	s)			5
Gross nationa	I income	per cap	ita (PPP,	US\$)				
Percentage of	routine	EPI vacc	ines fina	nced b	y govern	ment		
National o	overa	ge rai	tes (W	HO/LIN	JICEE AS	timates	2005)	
Ivational								1000
BCG	2005 90%	2004 90%	2003 90%	2002 92%	2001 95%	2000 97%	1990 99%	1980
DTP1	99%	99%	99%	99%	99%	99%	99%	
DTP3	99%	99%	99%	99%	99%	99%	99%	
HepB3	99%	99%	99%	99%	99%	99%		
Hib3	99%	99%	99%	99%	99%	99%		
MCV	99%	99%	99%	99%	99%	99%	99%	
Pol3	99%	99%	99%	99%	99%	99%	99%	
TT2+ (PAB)								
51 . 1 .								
District co	verag	e (as r	eported)				
							2005	2004
Number of dis								
Percentage of	districts	reportir	ng		_			
					below 50	0%		
DTP3: proport	ion of di	stricts w	ith cove	rage	between	50-79%		
					at 80% c	r above		
MCV: proporti	on of dis	stricts w	ith cover	age at	90% or a	bove		
DTP1-DTP3 di				of distri	cts that			
have achieved	l a rate c	of less th	an 10%					
Supply: any va	accine su	pply inte	erruption	?				
Safety: propor								
of autodisable	(AD) sy	ringes to	or all rou	itine im	ımunızatı	ons		
lmmuniza	tion s	chedu	lle					
BCG			birth	Me	nC_conj		2	years
DTaPHibHepIF	V	≥2 mo		MN	-			years
НерА	5 m	onths; 1	year	Pne	eumo_ps		2 m	onths
				I				

НерВ

5 months; 1 year

Births								2005 58,000 55,000 46,000 39 49 2,190 26%
National o	covera	ige ra	tes (W	HO/U	NICEF e	stimates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 99% 97% 99% 98% 28% 99% 	2004 95% 99% 99% 95% 96%	2003 95% 98% 98% 95% 95% 94%	2002 95% 95% 94% 95% 93%	2001 95% 95% 94% 95% 92%	2000 95% 95% 95% 94% 94% 92%	1990 81% 94% 84% 92% 87%	1980 51% 91% 76% 17% 86%
District co	verag	e (as r	eportec	d)				
Number of dis		•			_ below 5	0%	2005 342 100% 	2004 323 100%
DTP3: proport	tion of di	stricts v	vith cove	erage		n 50-79% 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%							94% 100%	
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations						Yes 100%	No 100%	

BCG	birth; 8 years
DT	8, 15 years
DTMP	2 3 4 months: 2 years

DTwPHibHep 2, 3, 4 months
HepB birth; 2, 8-11 months
Measles 8-11, 14-21 months
OPV birth; 2, 3, 4 months

Morocco

								2005
Births							717,000	
Surviving inf	ants						6	92,000
Total populat	tion						31,4	178,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				36
Under-five m	ortality ra	ite (per	1,000 liv	e births)				40
Gross nation	al income	per cap	oita (PPP	, US\$)				4,360
Percentage of	f routine	EPI vaco	ines fina	anced by	govern/	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	timates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	95%	95%	92%	90%	93%	99%	96%	
DTP1	99%	99%	94%	94%	98%	97%	93%	
DTP3	98%	97%	91%	94%	96%	95%	81%	
HepB3	96%	95%	90%	92%	84%	43%		
Hib3								
MCV	97%	95%	90%	96%	96%	93%	80%	
Pol3	98%	97%	91%	94%	93%	95%	81%	
TT2+ (PAB)								
District								

District coverage (as reported)

		2005	
Number of districts in country		67	67
Percentage of districts reporting			100%
	below 50%	0%	0%
DTP3: proportion of districts with coverage	between 50-79%	0%	1%
	at 80% or above	100%	99%
MCV: proportion of districts with coverage a	t 90% or above	72%	70%
DTP1-DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	ricts that	99%	96%
Supply: any vaccine supply interruption?		No	No
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in	100%	100%	

Immunization schedule

BCG	birth
DTwP	6, 10, 14 weeks; 18 months
НерВ	birth; 6 weeks; 9 months
Measles	9 months
MR	6 vears

OPV birth; 6, 10, 14 weeks; 18 months

TT CBAW and 1st contact pregnancy; +1, +6 months; +1, +1 year

Vitamin A 6, 12, 18 months

Mozambique

								2005
Births								
Surviving infa	ants						6	99,000
Total populati	on						19,7	92,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				100
Under-five me	ortality ra	ate (per	1,000 liv	e births	s)			145
Gross nationa	al income	per cap	oita (PPP	, US\$)				1,270
Percentage of	routine	EPI vaco	ines fina	anced b	y govern	ment		47%
National	covera	ge ra	tes (W	IU\OH	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	87%	87%	87%	87%	86%	84%	59%	
DTP1	88%	88%	88%	88%	86%	84%	71%	
DTP3	72%	72%	72%	72%	70%	68%	46%	
HepB3	72%	72%	72%	72%	25%			
Hib3								
MCV	77%	77%	77%	77%	74%	71%	59%	
Pol3	70%	70%	70%	70%	68%	65%	46%	
TT2+ (PAB)	70%	60%	57%	57%	57%	57%		
District co	overag	e (as r	eportec	d)				
							2005	2004
Number of di	stricts in	country					144	144
Percentage of	fdistricts	reporti	ng				65%	100%
					below 5	0%	0%	1%
DTP3: propor	tion of di	stricts v	vith cove	erage	betweer	50-79%	33%	20%
					at 80% o	or above	60%	78%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	44%	59%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%						41%	36%	
Supply: any v	accine su	pply inte	erruption	1?			No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations						100%		

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

Myanmar

Births Surviving infants								2005 976,000 907,000 50,519,000 75 105 0%		
National c	covera	ge rat	tes (W	HO/UN	ICEF es	timates	, 2005)			
BCG 76% 85% 80% 82% 75% 88% 95% 9% DTP1 76% 86% 80% 81% 81% 87% 96% 22% DTP3 73% 82% 78% 79% 73% 82% 88% 4% HepB3 62% 39% 8%										
District coverage (as reported)										
Number of districts in country Percentage of districts reporting							2005 324 98% 16%	2004 324 99% 13%		
below 50%							42%	23%		
DTP3: proportion of districts with coverage between 50-79% at 80% or above							41%	61%		
MCV: proportion of districts with coverage at 90% or above 19% 33% DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% 86% 93%								33%		
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										
DTwP	P 6, 10, 14 weeks OPV 6					6, 10, 14 weeks				

TT

1, 2 years

6, 10, 14 weeks

118

HepB

Births								
National o	covera	ige ra	tes (W	HO/UN	IICEF es	stimates	, 2005)	
BCG	2005 95%	2004 94%	2003 92%	2002 81%	2001 69%	2000 77%	1990 88%	1980
DTP1	93%	88%	87%	86%	84%	90%	81%	
DTP3	86%	81%	82%	77%	63%	79%	59%	
HepB3								
Hib3								
MCV	73%	70%	70%	68%	58%	69%	57%	
Pol3	86%	81%	82%	78%	64%	80%	59%	
TT2+ (PAB) 67% 72% 76% 81% 85%								
District coverage (as reported)								
Number of districts in country						2005 34	2004 34	
Percentage of districts reporting								100%
below 50%							0%	0%
DTP3: proportion of districts with coverage between 50-79%						44%	50%	
at 80% or above						56%	50%	
MCV: proportion of districts with coverage at 90% or above						18%	15%	
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%						65%	76%	
Supply: any vaccine supply interruption?						No	Yes	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								

DT	5, 10 years	OPV	birth; 6, 10, 14 weeks;
DTwP	6, 10, 14 weeks		5, 10 years
Measles	9 months	TT	15-45 years
		Vitamin A	9 months

Nauru

Births								2005 0 14,000 25 30 100%
National coverage rates (WHO/UNICEF estimates, 2005)								
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 90% 90% 80% 80% 80%	2004 92% 93% 80% 78% 67% 73%	2003 93% 96% 80% 77% 53% 66%	2002 95% 99% 80% 75% 40%	2001 99% 98% 95% 95% 95%	2000 93% 85% 44% 58% 8% 27%	1990 93% 90% 74% 74%	
District co								
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 2005 2004 Number of 2005 2004								
Immuniza	tion s	chedu	ıle					
BCG 4 weeks Measles 9, 12 month. DTwP 2, 4, 6, 18 months OPV 2, 4, 6, 18 months; 5 year. HepB birth; 1, 6 months Td 5 year. TT pregnant women							years years	

								2005
Births	7	87,000						
Surviving infa	7	40,000						
Total population	on						27,1	33,000
Infant mortalit	y rate (p	er 1,000	live bir	ths)				56
Under-five mo	rtality ra	ite (per	1,000 liv	e birth	s)			74
Gross nationa								1,530
Percentage of	routine	EPI vacc	ines fina	anced I	oy gover	nment		32%
National c	overa	ge rat	tes (W	HO/U	NICEF 6	estimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	87%	85%	91%	85%	84%	84%	74%	22%
DTP1	81%	88%	82%	84%	84%	84%	68%	28%
DTP3	75%	80%	78%	72%	72%	72%	43%	8%
HepB3	41%	27%	2%					
Hib3								
MCV	74%	73%	75%	71%	71%	71%	57%	
Pol3	78%	80%	76%	72%	72%	72%	42%	
TT2+ (PAB)		43%	42%	42%	42%	42%		
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	tricts in	country					75	75
Percentage of	districts	reportir	ng				100%	100%
					below	50%	1%	1%
DTP3: proport	ion of di	stricts w	ith cove	rage	betwee	n 50-79%	57%	23%
					at 80%	or above	41%	76%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or	above	12%	21%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%						71%	88%	
Supply: any va	ccine su	pply inte	erruption	?			Yes	No
Safety: propor of autodisable							100%	100%
Immuniza	tion s	chedu	مار					

BCG	birth	OPV	6, 10, 14 weeks
DTPHep	6, 10, 14 weeks	TT	15-44 years (3 doses);
DTwP	6, 10, 14 weeks		1 dose each pregnancy
НерВ	6, 10, 14 weeks	Vitamin A	6 months; +every 6 months until 5 years

9 months

Measles

Netherlands

								2005
Births								187,000
Surviving in	fants							186,000
Total popula	ition						16,2	299,000
Infant morta	ılity rate (p	er 1,000	live bir	ths)				4
Under-five n	nortality ra	ate (per	1,000 liv	e births))			5
Gross nation	nal income	per cap	oita (PPP	, US\$)				32,480
Percentage	of routine	EPI vaco	ines fina	anced by	/ govern	ment		
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	98%	98%	98%	98%	98%	98%	98%	98%
DTP3	98%	98%	98%	98%	97%	97%	97%	96%
HepB3								
Hib3	98%	97%	96%	96%	96%	96%		
MCV	96%	96%	96%	96%	96%	96%	94%	91%
Pol3	98%	98%	98%	98%	97%	97%	97%	96%
TT2+ (PAB)								

District coverage (as reported)

Number of districts in country		2005 12	2004 12
Percentage of districts reporting		100%	100%
	below 50%		0%
DTP3: proportion of districts with coverage	between 50-79%		0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage a	t 90% or above	100%	100%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?		No	Yes
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in			

DTaPHibIPV	2, 3, 4, 11 months	MenC_conj	14 months
DTIPV	4, 9 years	MMR	14 months; 9 years
НерВ	2, 4, 11 months; high-risk groups	Pa	4 years

2005

								2005
Births.							!	54,000
Surviv	ng infants						!	54,000
Total p	Total population							28,000
Infant	mortality rate	(per 1,000	live birt	hs)				5
Under-	five mortality	rate (per	1,000 liv	e birth:	s)			6
Gross	national incor	ne per ca _l	oita (PPP,	US\$).			:	23,030
Percen	Percentage of routine EPI vaccines financed by government							100%
Natio	nal cove	rage ra	tes (W	HO/UI	NICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	92%	93%	94%	95%	96%	96%	96%	91%
DTP3	89%	89%	90%	90%	90%	90%	90%	76%
HepB3	87%	88%	89%	89%	90%	90%		
Hib3	80%	83%	85%	88%	90%	90%		
MCV	82%	83%	84%	84%	85%	85%	90%	80%
Pol3	89%	87%	86%	84%	82%	82%	90%	
TT2+ (PAB)							
Distr	ict covera	ge (as r	eported	l)				
							2005	2004
Numb	r of districts	in country	,					
Percen	tage of distric	ts reporti	ng					
				[_ below 5	50%		
DTP3:	proportion of	districts v	vith cove	rage	betwee	n 50-79%		
	·				at 80%	or above		
NAC) (-11-4-1-4		ا •	_			
	roportion of			_		above		
	OTP3 drop-ou chieved a rate			or distr	icts that			
Supply	any vaccine	supply into	erruption	?			No	No
	proportion o				ufficient	number		
	disable (AD)							
lmm	unization	schedu	ıle					
BCG	hi	gh-risk gr	oups	Hil)		15 m	onths
DTaPH		15 mc	-		luenza	hio	gh-risk g	
DTaPIF		s; 3, 5 mo		IP\		;	_	years
		4.	, ,ears					

4 years

5 months

6 weeks; 3 months

HepB

HepBHib

MMR

Td

15 months; 4 years

11 years

Nicaragua

								2005
Births							1	54,000
Surviving infants								49,000
Total population	on						5,4	37,000
Infant mortalit	, .,							30
Under-five mo	•							37
Gross national								3,650
Percentage of	routine	EPI vaco	ines fina	inced by	govern	ment		100%
National c	overa	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	94%	88%	94%	84%	90%	96%	84%	33%
DTP1	95%	92%	95%	95%	94%	94%	86%	37%
DTP3	86%	79%	86%	85%	84%	83%	66%	15%
HepB3	86%	79%	86%	85%	84%	83%		
Hib3	86%	79%	86%	85%	84%	83%		
MCV	96%	84%	93%	98%	92%	86%	82%	15%
Pol3	87%	80%	86%	85%	85%	85%	87%	21%
TT2+ (PAB)								
District co	verag	e (as r	eported	l)				
							2005	2004
Number of dis	tricts in	country					162	162
Percentage of	districts	reporti	ng				100%	100%
				[1	below 50	0%	9%	6%
DTP3: proporti	ion of di	stricts w	vith cove	rage	between	50-79%	0%	58%
				L	at 80% o	r above	91%	36%
MCV: proportion	on of dis	stricts w	ith cove	age at 9	00% or a	bove	43%	26%
DTP1-DTP3 dr	op-out r	ate: pro	portion o	of distric	ts that			
have achieved	a rate o	of less th	an 10%				80%	86%
Supply: any va	ccine su	pply inte	erruption	?				
Safety: propor								
of autodisable	(AD) Sy	ringes i	or all rot	itine imi	nunizati	ons		
Immuniza	tion s	chedu	ıle					
BCG			birth	OPV	,	2	, 4, 6 mc	
DTwP		18 mo	nths	. .		0.40	1, 2, 3	•
DTwPHibHep	2,	4, 6 mo	nths	Td			, 12, 14 y gnant w	
MMR		12 mo	nths	Vita	min A	•	o nths; 1, 2	
MR		6-39 y	ears					years
				Yello	ow fever	>1 y	ear; trav	ellers

								2005
Births								50,000
Surviving infants								39,000
Total population	on						13,9	57,000
Infant mortalit	y rate (p	er 1,000	live bir	ths)				150
Under-five mo	rtality ra	ate (per	1,000 liv	e birth	s)			256
Gross nationa	l income	per cap	oita (PPP	, US\$)				800
Percentage of	routine	EPI vaco	ines fina	anced	by govern	ment		100%
National o	overa	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	93%	72%	64%	52%	49%	54%	50%	
DTP1	97%	75%	76%	41%	50%	48%	46%	
DTP3	89%	62%	52%	23%	31%	31%	22%	
HepB3								
Hib3								
MCV	83%	74%	64%	48%	53%	34%	25%	
Pol3	89%	62%	51%	25%	30%	31%	22%	
TT2+ (PAB)	54%	43%	40%	36%	40%	40%		
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of dis	stricts in	country					42	42
Percentage of	districts	reportir	ng				100%	100%
					below 5	0%	0%	12%
DTP3: proport	ion of di	stricts w	ith cove	erage	betwee	n 50-79%	14%	79%
					at 80%	or above	86%	10%
MCV: proporti	on of dis	stricts w	ith cove	rage a	90% or a	above	29%	17%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%						62%	12%	
				_			/-	
Supply: any va								Yes
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								100%

BCG	birth
DTwP	6, 10, 14 weeks
Measles	9 months
OPV	birth: 6, 10, 14 weeks

TT	1st contact;	+1, +6 months; +1, +1 year
Vitam	in A	6 months
Yellov	v fever	9 months

Nigeria

								2005
Births							377,000	
Surviving infa	ants						4,7	76,000
Total populat	ion						131,5	30,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				100
Under-five m	ortality ra	ate (per	1,000 liv	e births)				194
Gross nationa	al income	per cap	oita (PPP	, US\$)				1,040
Percentage of	f routine	EPI vaco	ines fina	anced by	govern	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	48%	48%	48%	48%	46%	45%	80%	
DTP1	43%	43%	43%	43%	42%	42%	79%	
DTP3	25%	25%	25%	25%	24%	24%	56%	
HepB3								
Hib3								
MCV	35%	35%	35%	35%	35%	35%	54%	
Pol3	39%	39%	39%	39%	32%	26%	55%	
TT2+ (PAB)	51%	51%	51%	48%	46%	44%		

District coverage (as reported)

Number of districts in country		2005 774	2004 774
Percentage of districts reporting		100%	
	below 50%	84%	49%
DTP3: proportion of districts with coverage	between 50-79%	13%	6%
	at 80% or above	3%	3%
MCV: proportion of districts with coverage a	t 90% or above	8%	3%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	ricts that	92%	56%
Supply: any vaccine supply interruption?		No	No
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in		100%	100%

Immunization schedule

BCG	birth
DTwP	6, 10, 14 weeks
НерВ	birth; 6, 14 weeks
Measles	9 months
MenAC	>2 years (subnational)

MenACWY pilgrims (subnational)
OPV birth; 6, 10, 14 weeks
TT 1st contact; +3, +5, +10 years
Vitamin A 9, 15 months
Yellow fever 9 months

Births								0
Surviving inf	ants							
Total populat	ion							1,000
Infant mortal	ity rate (p	er 1,000) live birt	hs)				
Under-five m	ortality ra	ite (per	1,000 live	e birth	s)			
Gross nation	al income	per ca	oita (PPP,	US\$).				
Percentage of	f routine I	EPI vaco	cines fina	nced b	y govern	ment		100%
National	covera	ge ra	tes (W	HO/UI	VICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	97%	96%	99%	99%	99%	99%	99%	85%
DTP1	72%	99%	99%	99%	99%	99%	99%	27%
DTP3	85%	99%	95%	99%	99%	99%	99%	7%
HepB3	86%	99%	95%	99%	99%	99%		
Hib3	99%	99%	99%	99%	99%	99%		
MCV	99%	99%	86%	99%	99%	99%	99%	77%
Pol3	86%	99%	95%	99%	99%	99%	99%	
TT2+ (PAB)								
District c	overag	e (as r	eported)				
	3			<u>'</u>			2005	2004
Number of d	istricts in	country	,				1	1
Percentage of	of districts	reporti	ng				100%	100%
				[below 5	0%		0%
DTP3: propo	rtion of di	stricts v	vith cove	rage		50-79%		0%
BTT 3. propo	ition or ar	oti icto v	vitii covc	rage		or above		100%
				L	_			
MCV: propor				•		bove		100%
DTP1-DTP3 of have achieve				of distr	icts that		100%	100%
Supply: any v								No
Safety: propo of autodisab								100%
Immuniz	ation s	chedi	ıle					
BCG			birth	Inf	luenza		>65	years
DTaPHib		15 mc	onths	MI	ИR	15 m	onths; 4	years
DTaPIPV	6 weeks;			Td			11	years
HonB him	th: 6	,	ears					
HepB bir	th; 6 week	(s, 5 IIIC	ภาเบาร					

Norway

								2005		
Births							ļ	54,000		
Surviving infa	nts						!	54,000		
Total population	on						4,6	20,000		
Infant mortalit	y rate (p	er 1,000	live birt	hs)				3		
Under-five mo	rtality ra	ite (per	1,000 liv	e births)			4		
Gross nationa			40,420							
Percentage of	routine	EPI vaco	ines fina	nced b	y govern	ment		100%		
National o	overa	ge ra	tes (W	HO/UN	IICEF es	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG										
DTP1	97%	91%	91%	92%	98%	96%	95%			
DTP3	91%	91%	90%	91%	95%	95%	86%			
HepB3										
Hib3	93%	93%	92%	93%	96%	97%				
MCV	90%	88%	84%	88%	93%	92%	87%			
Pol3	91%	91%	90%	91%	95%	96%	84%			
TT2+ (PAB)										
District coverage (as reported)										
Number of dis	stricts in	country					2005 19	2004 19		
Percentage of		,					100%	100%		
. o.coago o.	4.04.7040	.opo.u.	.9		below 5	n º/.	0%	0%		
DTP3: proport	ion of di	atriata u	uith agus	raga		o % n 50-79%	0%	5%		
DTP3: proport	ion or ar	Stricts v	vitii cove	rage						
					at 80% o	or above	100%	95%		
MCV: proporti	on of dis	stricts w	ith cover	rage at	90% or a	bove	63%	47%		
DTP1-DTP3 dr				of distri	cts that					
nave acmeved	i a rate c	11 1699 (1	iaii 10 /0							
Supply: any va										
Safety: propor of autodisable										
				itilie iiii	mumzati	10113				
Immuniza	tion s	chedi	ıle							
BCG		14 y	ears/	IPV			6-8, 14	years		
DTaPHibIPV	3, 5	5, 12 ma	nths	MN	1R	15 mo	nths; 12	years		
DTaPIPV		7 y	ears/	Td			11	years		
НерВ		1, 6 mo								
	high	n-risk gr	oups							

occupied Palestinian territory

2005

Births										
National o	covera	ge ra	tes (W	HO/UN	IICEF e	stimates	, 2005)			
BCG DTP1 DTP3 HepB3 Hib3 MCV	2005 99% 99% 99% 99% 	2004 98% 97% 96% 96%	2003 99% 98% 98% 98% 	2002 96% 98% 97% 92% 	2001 97% 98% 97% 93% 	2000 92% 97% 93% 95% 	1990 	 		
Pol3	99%	96%	98%	97%	97%	93%				
TT2+ (PAB)										
District coverage (as reported)										
Number of dis Percentage of DTP3: proport	stricts in districts	country reportii	ng			0% n 50-79% or above	2005	2004 15 100% 0% 0% 100%		
MCV: proporti DTP1-DTP3 d have achieved	rop-out r	ate: pro	portion	•	90% or a			100%		
Supply: any va	accine su	pply inte	erruption	1?			No	No		
Safety: propo of autodisable	rtion of d	listricts	supplied	l with s				100%		
Immuniza	tion s	chedu	ıle							
BCG birth Measles 9 months DT 6 years MMR 15 months DTwP 2, 4, 6, 12 months OPV 2, 4, 6 months; 1, 6 years DTwPHib 2, 4, 6 months Rabies post-exposure HepB birth; 1, 6 months; high-risk adults Td 15 years								years yosure		
IPV		1, 6 mc	nths	TT		pre	gnant w	•		

Oman

2005 Births												
Gross nationa												
Percentage of	routine	EPI vaco	ines fina	nced b	y govern	ment		100%				
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	2005)					
	2005	2004	2003	2002	2001	2000	1990	1980				
BCG	98%	99%	98%	98%	98%	98%	96%	51%				
DTP1	99%	99%	99%	99%	99%	99%	98%	41%				
DTP3	99%	99%	99%	99%	99%	99%	98%	18%				
НерВ3	99%	99%	99%	99%	99%	99%						
Hib3	99%	99%	99%	97%								
MCV	98%	98%	98%	99%	99%	99%	98%	22%				
Pol3	99%	99%	99%	99%	99%	99%	98%	18%				
TT2+ (PAB)												
District coverage (as reported)												
Number of di	stricts in	country					2005 59	59				
Percentage of	districts	reporti	ng				100%	100%				
					below 5	0%	0%	0%				
DTP3: proport	tion of di	stricts w	vith cove	rage	betweer	50-79%	0%	0%				
					at 80% d	or above	100%	100%				
MCV: proport	ion of dis	tricts w	ith cover	age at	90% or a	bove	100%	100%				
DTP1-DTP3 d				of distr	icts that							
have achieved	d a rate o	f less th	ian 10%				100%	100%				
Supply: any va	accine su	pply inte	erruption	?			No	No				
Safety: propo of autodisable												
Immuniza	ition s	chedi	ile									
BCG			birth	Ru	bella		15-49 y					
DT	6 years post-							omen years				
DTwP												
DTwPHibHep	6 weeks			TT			ınant wo ıh-risk g					
HepB Measles		12 mg	birth	Τv	phoid	_	food har					
MenACWY			rims		amin A		7, 12 mc	onths;				
							artum w					
	oirth; 6 w	MMR 18 months Vallow fover tra										

birth; 6 weeks; 3, 5, 7, 18 months; 6-17 years

								2005			
Births							4.7	73,000			
Surviving infa								17,000			
Total population								35,000			
Infant mortalit							107,0	79			
Under-five mo	, .,							99			
Gross national income per capita (PPP, US\$)											
Percentage of routine EPI vaccines financed by government 61%											
National coverage rates (WHO/UNICEF estimates, 2005)											
	2005	2004	2003	2002	2001	2000	1990	1980			
BCG	82%	80%	82%	82%	67%	67%	80%	6%			
DTP1	84%	75%	77%	77%	71%	70%	77%	20%			
DTP3	72%	65%	67%	68%	63%	61%	54%	2%			
HepB3	73%	65%	63%								
Hib3											
MCV	78%	67%	61%	63%	57%	56%	50%	1%			
Pol3	77%	65%	69%	71%	63%	61%	54%	2%			
TT2+ (PAB)	57%	57%	57%	48%	52%	52%					
District co	verag	e (as r	eported	d)							
							2005	2004			
Number of dis	tricts in	country					121	120			
Percentage of	districts	reportir	ng				100%	100%			
					below 50	0%	16%	18%			
DTP3: proport	ion of di	stricts w	ith cove	erage	between	50-79%	50%	52%			
					at 80% c	r above	34%	31%			
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	17%	9%			
DTP1–DTP3 dr have achieved				of distr	icts that		37%	31%			
Supply: any va	ccine su	pply inte	erruption	1?			Yes	No			
Safety: propor of autodisable							100%	100%			
Immuniza	tion s	chedu	le								
BCG			birth	OF	٧	birth; 6	, 10, 14 v	weeks			

DTwP

НерВ

Measles

6, 10, 14 weeks

6, 10, 14 weeks

9 months

TT

CBAW and 1st contact pregnancy; +1, +6 months;

+1, +1 year

Palau

								2005		
Births								0		
Surviving in	fants									
Total popula	ation							20,000		
Infant morta		10								
Under-five r			11							
Gross national income per capita (PPP, US\$)										
Percentage		100%								
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG										
DTP1	98%	99%	99%	99%	98%	98%	99%			
DTP3	98%	98%	99%	99%	98%	96%	99%			
HepB3	98%	98%	99%	99%	97%	96%				
Hib3	98%	98%	94%	90%	93%	96%				
MCV	98%	99%	99%	99%	91%	83%	98%			
Pol3	98%	98%	99%	99%	98%	96%	99%			
TT2+ (PAB)										

District coverage (as reported)

		2005	2004
Number of districts in country			1
Percentage of districts reporting			
	below 50%		
DTP3: proportion of districts with coverage	between 50-79%		
	at 80% or above		
MCV: proportion of districts with coverage a	t 90% or above		
DTP1-DTP3 drop-out rate: proportion of dist	ricts that		
have achieved a rate of less than 10%			
Supply: any vaccine supply interruption?			
Safety: proportion of districts supplied with			
of autodisable (AD) syringes for all routine in			

Immunization schedule

DTaP	6 weeks; 4, 6,
	15-18 months; 4-6 years
HepB	birth; 6 weeks;
	12-15 months
Hib	2, 4, 6, 15 months
Influenza	adults (yearly)

IPV 6 weeks; 4, 12-15 months; 4-6 years MenC_conj >65 years MMR 12, 15 months Td 1, 6 months; 10 years

								2005			
Pirtho											
Births Surviving infa								70,000			
Total populati								69,000 32,000			
Infant mortali							5,2	19			
Under-five me								24			
Gross nationa	-							7,310			
Percentage of								100%			
					, -			,.			
National	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)				
	2005	2004	2003	2002	2001	2000	1990	1980			
BCG	99%	99%	87%	92%	99%	99%	97%	68%			
DTP1	95%	99%	92%	96%	99%	99%	95%	72%			
DTP3	85%	99%	86%	89%	99%	98%	86%	47%			
HepB3	85%	99%	86%	87%	40%						
Hib3	85%	99%	86%	87%	40%						
MCV	99%	99%	83%	79%	95%	97%	73%	71%			
Pol3	86%	99%	83%	85%	95%	99%	86%	44%			
TT2+ (PAB)											
District co	District coverage (as reported)										
	2005 2004										
Number of di	stricts in	country					76	76			
Percentage of	f districts	reportir	ng					100%			
					_ below 5	0%	0%	0%			
DTP3: propor	tion of di	stricts w	vith cove	rage	betweer	n 50-79%	13%	4%			
					at 80% d	or above	87%	96%			
MCV/ manager	المحمدة:		المارات المالة		_		00/	82%			
MCV: proport				-		bove	0%	8Z%			
DTP1-DTP3 d have achieved				or aistr	icts that		55%	70%			
Supply: any v	accine su	pply inte	erruption	?							
Safety: propo					ufficient	number					
of autodisable	e (AD) sy	ringes fo	or all rou	itine in	nmunizati	ions					
Immuniza	ition s	chedu	ıle								
BCG			birth	MF	2		20-49	vears			
DTPHib		18 mo		OF		irth; 2, 4,		•			
DTwP		4-5 y				, ∠, +,		years			
DTwPHibHep	2	4, 6 mo		Td			≥6	years			
НерВ	-,		birth	Ye	llow feve			year;			
Influenza	<2 ar	nd >60 y				h	iigh-risk	areas			
MMR	12 montl	,									
		,									

Papua New Guinea

								2005			
Births							1	74,000			
Surviving infa	nts						1	63,000			
Total populati	on						5,8	87,000			
Infant mortali	ty rate (p	er 1,000	live birt	hs)				55			
Under-five mo	ortality ra	ite (per	1,000 liv	e birth	s)			74			
Gross nationa	I income	per cap	oita (PPP,	US\$)				2,370			
Percentage of	routine	EPI vaco	ines fina	inced l	by govern	ment		100%			
National o	covera	ge ra	tes (W	HO/U	NICEF es	timates	, 2005)				
	2005	2004	2003	2002	2001	2000	1990	1980			
BCG	73%	74%	76%	74%	73%	81%	92%	62%			
DTP1	80%	81%	88%	81%	77%	84%	97%	57%			
DTP3	61%	62%	68%	61%	55%	59%	68%	32%			
HepB3	63%	60%	67%	60%	41%	57%	20%				
Hib3											
MCV	60%	60%	63%	61%	56%	62%	67%				
Pol3	50%	49%	53%	47%	32%	47%	68%	29%			
TT2+ (PAB)	10%	10%	29%	34%	34%	34%					
District coverage (as reported)											
2005 2004											
Number of dis	stricts in	country					89	89			
Percentage of	districts	reporti	ng				100%	100%			
					below 50	0%		63%			
DTP3: proport	ion of di	stricts w	vith cove	rage	between	50-79%		30%			
					at 80% c	r above		7%			
NAC) (tale e e e e e e e e e e e		. 000/			00/			
MCV: proporti				•		pove		2%			
have achieved				oi aisti	icis iliai			27%			
Supply: any va	accine su	pply inte	erruption	?			No				
Safety: propo											
of autodisable	e (AD) sy	ringes to	or all rou	itine ir	nmunizati	ons	100%				
lmmuniza	tion s	chedu	ıle								
BCG			birth	OF	Pγ	birth;	1, 2, 3 m	onths			
DTwP	1,	2, 3 mo	nths	TT	-		7, 13				
НерВ	birth;	1, 3 mo	nths			pre	gnant w				
Measles		6, 9 mo	nths	Vit	tamin A		6, 12 m	onths			

								2005		
Births							1	77,000		
Surviving infa	ints						1	71,000		
Total populati	on							58,000		
Infant mortali	ty rate (p	er 1,000	live bir	ths)				20		
Under-five mo			23							
Gross nationa			4,970							
Percentage of routine EPI vaccines financed by government										
National o	covera	ge rai	tes (W	HO/U	NICEE es	stimates	2005)			
Trational C		2004						1000		
BCG	2005 78%	2004 82%	2003 78%	2002 73%	2001 76%	2000 69%	1990 75%	1980 31%		
DTP1	91%	91%	90%	91%	91%	87%	86%	40%		
DTP3	75%	76%	74%	75%		68%	67%	17%		
HepB3	75%	76%	74%							
Hib3	75%	76%	74%							
MCV	90%	89%	91%	86%	90%	92%	69%	19%		
Pol3	74%	75%	73%	74%	77%	60%	64%	14%		
TT2+ (PAB)				,.						
TTZ+ (TAB)							•••			
District co	verag	e (as r	eported	d)						
							2005	2004		
Number of dis		,					232	231		
Percentage of	districts	reportir	ng		_			100%		
					below 5	0%	2%	3%		
DTP3: proport	tion of di	stricts w	ith cove	erage	betweer	1 50-79%	27%	25%		
					at 80% o	or above	71%	72%		
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	60%	58%		
DTP1-DTP3 d have achieved				of distr	icts that		87%	86%		
Supply: any va	accine su	pply inte	erruption	1?			No	No		
Safety: propo of autodisable							100%			
Immuniza	tion c	chodu	ılo							

Immunization schedule

BCG	birth
DTwP	18 months; 4 years
DTwPHibHep	2, 4, 6 months
НерВ	+1, +6 months; high-risk groups
Influenza	>60 years; high-risk groups

MenAC 1 dose, high-risk groups

MMR		1, 4 years
MR		5-39 years
OPV	2, 4, 6,	18 months; 4 years
Td		AW and 1st contact ncy; +1, +6 months; +1, +1 year
Yellow	fever	<1 year; high-risk groups

								2005
Births							6	328,000
Surviving inf	ants						6	808,000
Total populat	ion						27,9	968,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				23
Under-five m	ortality ra	ate (per	1,000 liv	e births)				27
Gross nation	al income	per cap	oita (PPP	, US\$)				5,830
Percentage o	f routine	EPI vaco	ines fina	anced by	govern/	ment		
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	93%	91%	94%	92%	88%	93%	83%	57%
DTP1	94%	95%	96%	96%	95%	97%	89%	39%
DTP3	84%	87%	89%	89%	85%	91%	72%	16%
HepB3	84%	82%	60%					
Hib3	84%	86%	36%	35%	33%	38%		
MCV	80%	89%	95%	95%	97%	97%	64%	23%
Pol3	80%	87%	89%	90%	88%	89%	73%	16%
TT2+ (PAB)								
District coverage (as reported)								

Number of districts in country		2005 1829	2004 1829			
Percentage of districts reporting		100%				
	below 50%		0%			
DTP3: proportion of districts with coverage	between 50-79%		8%			
	at 80% or above		92%			
MCV: proportion of districts with coverage a	t 90% or above		80%			
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%		60%				
Supply: any vaccine supply interruption?	Yes	Yes				
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations						

BCG		birth		
DT	3, 4 months; national ESAVI (events supposedly attributable to vaccination or immunization)			
DTwP		3 months		
DTwPHibHep		2, 4 months		
HepB		birth		
Hib		3 months		

IVIIVIK	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
Yellow	fever 1 year

Philippines

Births								67,000
National o	overa	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)	
BCG DTP1	2005 91% 90%	2004 91% 90%	2003 91% 90%	2002 91% 90%		2000 91% 90%	1990 96% 96%	1980 56% 72%
DTP3	79%	79%	79%	79%	81%	80%	88%	47%
HepB3	44%	42%	47%	38%	80%	35%		
Hib3								
MCV	80%	80%	80%	80%	80%	81%	85%	
Pol3	80%	80%	80%	80%	78%	77%	88%	50%
TT2+ (PAB)	70%	70%	70%	70%	70%	70%		
District co	verag	e (as r	eportec	l)				
Number of dis		•					2005 188 100%	2004 189 100%
r ercentage of	uistricts	reportii	ig			00/	,	,.
					below 5		0%	0%
DTP3: proport	ion of di	stricts v	vith cove	rage		ո 50-79%	52%	50%
					at 80%	or above	48%	50%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	above	30%	29%
DTP1-DTP3 di have achieved				of dist	ricts that		94%	90%
Supply: any va	accine su	pply inte	erruption	?			Yes	Yes
Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								

BCG	birth	OPV	6, 10, 14 weeks
DTwP	6, 10, 14 weeks	TT	CBAW and 1st contact
НерВ	6, 10, 14 weeks	р	regnancy; +1, +6 months; +1, +1 year
Measles	9 months	Vitamin A	6, 12, 18, 24, 30,
MenC_conj	2-17 years (high-risk areas)		36 months; 6-71 months

Poland

									2005
Births								36	65,000
Surviv	Surviving infants								52,000
Total p	opulation							38,53	30,000
Infant	mortality ra	ate (pe	r 1,000	live birt	hs)				6
Under-	five mortal	lity rat	e (per 1	,000 live	births)				7
Gross	national in	come į	per capi	ta (PPP,	US\$)				13,490
Percen	tage of rou	itine El	PI vacci	nes fina	nced by	govern	ment		100%
Matic	onal cov	/erac	na rat	as /\//		ICEE on	timatac	2005)	
Ivatio									1000
BCG		005 4%	2004 94%	2003 94%	2002 95%	2001 95%	2000 96%	1990 97%	1980 93%
DTP1		9%	99%	99%	99%	98%	98%	98%	98%
DTP3		9%	99%	99%	99%	98%	98%	96%	96%
						95%	99%		
HepB3		8%	98%	97%	98%				
Hib3		2%							
MCV	_	8%	97%	97%	98%	97%	97%	95%	92%
Pol3	_	9%	98%	98%	98%	98%	98%	96%	96%
TT2+ (I	PAB)								
Distr	ict cove	rage	(as re	ported)				
2005 2004									
Numbe	er of distric	ts in c	ountry					379	379
Percen	tage of dis	tricts r	eporting	g				100%	100%
						below 50	0%		
DTP3:	proportion	of dist	tricts wi	th cove	rage	between	50-79%		
	•					at 80% o	r above		
N.4.O.V./									
	roportion				_		bove		
	DTP3 drop- chieved a r				ot distric	ts that			
0 1									
	: any vaccii		. ,	•		· · ·		No	Yes
	proportion disable (Al								
lmm	unizatio	n sc	hedul	е					
BCG	(only if no		12 mor : 7-12 ye		Hib			16-18 m	
DTaP			6 ye	ears	IPV		3-4, 5,	16-18 m	onths
DTwP			eeks; 3-4		MM	R 1	3-14 moi	nths; 12	years
			-18 mor		OPV	1		6	years
HepB			6-7 mon +6 mor		Rab	ies	ŗ	ost-exp	osure
	, ou		vaccinat		Td			14, 19	years
	, 50				Td			14, 19	years

								2005
Births							11,000	
Surviving infants							1	11,000
Total populati	on						10,4	95,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				4
Under-five mo	ortality ra	ite (per	1,000 liv	e birth	s)			5
Gross nationa	ıl income	per cap	oita (PPP	, US\$).				19,730
Percentage of	routine	EPI vaco	ines fina	anced I	y gove	rnment		
National o	covera	ge ra	tes (W	HO/U	NICEF	estimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	89%	83%	81%	81%	82%	82%	88%	
DTP1	94%	98%	99%	98%	98%	99%	96%	90%
DTP3	93%	95%	99%	98%	97%	96%	89%	73%
HepB3	94%	94%	94%	82%	70%	58%		
Hib3	93%	95%	99%	94%	90%	86%		
MCV	93%	95%	96%	93%	90%	87%	85%	54%
Pol3	93%	95%	96%	96%	96%	96%	89%	18%
TT2+ (PAB)								
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	stricts in	country	,				20	20
Percentage of	districts	reporti	ng				0%	100%
					below	50%		0%
DTP3: proport	tion of di	stricts v	vith cove	erage	betwe	en 50-79%		0%
					at 80%	or above	100%	100%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% o	above	100%	80%
DTP1-DTP3 d have achieved				of distr	icts tha	t	100%	
Supply: any va	accine su	pply inte	erruption	1?			No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								

Immunization schedule

birth
5-6 years
2, 4, 6, 18 months
2, 6 months; high-risk groups

IPV 2, 4, 6 months; 5-6 years; high-risk groups MenACWY travellers

MMR 15 months; 5-6 years

OPV 2, 4, 6 months; 5-6 years

Td 10-13 years; every 10 years

Typhoid travellers

Yellow fever travellers

								2005
Births								14,000
Surviving infants								14,000
Total populati	on						8	13,000
Infant mortali	ty rate (p	er 1,000	live birt	hs)				18
Under-five mo	ortality ra	ite (per	1,000 liv	e birth	s)			21
Gross nationa	l income	per cap	oita (PPP,	US\$).				
Percentage of	routine l	EPI vaco	ines fina	inced b	y govern	ment		100%
National o	covera	ge ra	tes (W	HO/UI	VICEF e	stimates	. 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	97%	4%
DTP1	99%	99%	96%	96%	95%	92%	94%	82%
DTP3	97%	96%	92%	96%	94%	80%	82%	61%
HepB3	97%	97%	98%	98%	99%	90%		
Hib3	97%	96%	96%	96%	94%	92%		
MCV	99%	99%	93%	99%	92%	91%	79%	26%
Pol3	98%	95%	93%	96%	93%	91%	82%	61%
TT2+ (PAB)								
District coverage (as reported)								
							2005	2004
Number of districts in country 2								
Percentage of districts reporting 100%								
					below 5	0%		
DTP3: proport	ion of di	stricts w	vith cove	rage	between	ո 50-79%		
					at 80%	or above	100%	
MCV: proporti	on of dis	tricts w	ith cove	age at	90% or a	above	100%	
DTP1-DTP3 d	rop-out r	ate: pro	portion o	of distr	icts that			
have achieved	l a rate o	f less th	an 10%				0%	
Supply: any va	accine su	pply inte	erruption	?			No	No
Safety: propo								
of autodisable	(AD) sy	ringes f	or all rou	ıtine in	nmunizat	ions		
Immuniza	tion s	chedu	ıle					
BCG			birth	IM	ИR	12 mon	ths; 4-6 y	/ears;
DT		4-6 y	ears			11-13 ye	ears (fen	nales)
DTwPHib		18 mo	nths	Mι	ımps	hig	h-risk g (subnat	
DTwPHibHep	2,	4, 6 mo	nths	OF	V 2.4	6, 18 mon		
HepB b	irth; high 1st visit,				eumo_co		6, 18 m	
	iot vioit,	VVE	JUNO,	I .				

2005

MenACWY

>2 years (booster

every 3 years);

high-risk groups

+5 months

Yellow fever travellers (subnational)

13-16 years

1, 6 months; high-risk

groups (subnational)

Td

TT

2005

								2005		
Births							2	11,000		
Surviving in	ıfants						2	07,000		
Total popula							21,7	11,000		
Infant morta	ality rate (p	er 1,000	live birt	hs)				16		
Under-five r	nortality ra	ite (per	1,000 liv	e birth:	s)			19		
Gross natio	nal income	per cap	oita (PPP,	US\$).				8,940		
Percentage	of routine	EPI vaco	ines fina	nced b	y govern	ment		100%		
National	covera	ge ra	tes (W	HO/UI	VICEF e	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	98%	99%	99%	99%	99%	99%	90%			
DTP1	98%	98%	98%	98%	99%	99%	98%			
DTP3	97%	97%	97%	98%	99%	99%	96%			
HepB3	98%	99%	98%	99%	98%	98%				
Hib3										
MCV	97%	97%	97%	98%	98%	98%	92%			
Pol3	97%	97%	97%	98%	99%	99%	92%			
TT2+ (PAB)										
1121 (1715)		•••								
District coverage (as reported)										
							2005	2004		
Number of districts in country 42								42		
Percentage	of districts	reporti	ng				100%	100%		
				[below 5	0%		0%		
DTP3: propo	ortion of di	etricte v	vith cove	rane		n 50-79%		0%		
Б11 3. ргоро	ortion or ar	Stricts v	vitii cove	age						
					at 80%	or above		100%		
MCV: propo	rtion of dis	stricts w	ith cover	rage at	90% or a	above	98%	100%		
DTP1-DTP3				of distr	icts that			1000/		
have achiev	ed a rate o	it less tr	ian 10%					100%		
Supply: any	vaccine su	pply inte	erruption	?			Yes	No		
Safety: prop										
of autodisal	ole (AD) sy	ringes f	or all rou	itine in	nmunizat	ions		100%		
Immuniz	ration s	chedi	ıle							
BCG			birth		easles			years		
DT		7, 14 y		MI		12-15 m		•		
DTwP	4, 12, 3	0-35 mc		OF	-	2, 4, 6 m		•		
DTwPHep		2, 4 mc			bella	,	ears (fen			
DTwPIPV	2, 4, 6	6, 12 mc	nths	Td	boost	er shots e	every 10	years		
HepA		ı-risk gr subnati		TT	high-ri:	sk groups	(subnat	ional)		
HonP				Ty	phoid	hig	gh-risk g			
HepB birth; 2, 6 months with (subnation							ional)			

Yellow fever travellers (subnational)

DTP; also 18-year-olds

Russian Federation

200 Births										
National c	overa	ge rat	tes (W	HO/UN	NICEF es	stimates	, 2005)			
DCC	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	97%	96%	97%	97%	97%	96%				
DTP1	98%	98%	98%	98%	98%	97%				
DTP3	98%	97%	98%	96%	96%	97%				
HepB3	97%	96%	94%	82%	46%					
Hib3										
MCV	99%	98%	96%	98%	98%	97%				
Pol3	98%	98%	97%	97%	97%	97%				
TT2+ (PAB)										
District coverage (as reported)										
Number of districts in country 2005 2004 Percentage of districts reporting 100% 100%										
3.1			5	Г	below 5	0%	0%	1%		
DTP3: proporti	on of di	etricte w	ith cove	rage		n 50-79%	0%	6%		
DTI 3. proporti	on or ar	otiloto W	ntii cove	lage		or above	100%	93%		
					- at 60 /6 t	or above				
MCV: proportion				-		bove	96%	99%		
DTP1–DTP3 dro have achieved				of distri	icts that					
Supply: any vad	ccine su	pply inte	rruption	?						
Safety: proport of autodisable	tion of d	listricts :	supplied	with s						
	•									
Immunizat	ion s	cnedu	lle							
BCG	birtl	n; 7-14 y	ears	MN	Л	12 m	onths; 6	years		
DT if pertu	ssis cor	ntraindic	ated	MN	/IR	12 m	onths; 6			
DTaP	3, 4.5, 6	3, 18 mo	nths	N.A	mno	12 m	(subnat	-		
DTaPIPV HepB		6, 18 mo 1, 6 moi		OP	mps V 3	12 me 3, 4.5, 6, 1		onths;		
		ers, stud		.		4.		years		
Measles 12 months; 6 years Td 14 years; booste every 10 year										

Births										
Surviving infa	nts						3	32,000		
Total populati		9,0	38,000							
Infant mortali			118							
Under-five me		203								
Gross national income per capita (PPP, US\$)								1,320		
Percentage of	routine	EPI vaco	ines fina	anced I	oy goveri	nment		30%		
National o	covera	ge ra	tes (W	/HO/U	NICEF e	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	91%	86%	88%	99%	74%	81%	92%			
DTP1	95%	94%	97%	95%	91%	93%	94%			
DTP3	95%	89%	96%	88%	77%	90%	84%			
НерВ3	95%	89%	96%	88%						
Hib3	95%	89%	96%	88%						
MCV	89%	84%	90%	69%	69%	74%	83%			
Pol3	95%	89%	96%	85%	76%	90%	83%			
TT2+ (PAB)		76%	76%	76%	76%	76%				
District co	verag	e (as r	eported	d)						
							2005	2004		
Number of di	stricts in	country					40	39		
Percentage of	districts	reporti	ng				100%	100%		
					below 5	50%	0%	0%		
DTP3: proport	tion of di	stricts v	vith cove	erage	betwee	n 50-79%	3%	21%		
					at 80%	or above	98%	79%		
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	above	55%	44%		
DTP1-DTP3 d have achieved					ricts that		100%	90%		
Supply: any v	accine su	pply inte	erruption	1?			No	No		
Safety: propo of autodisable							100%	100%		

Immunization schedule

BCG	birth
DTwPHibHep	6, 10, 14 weeks
Measles	9 months
OPV/	hirth: 6 10 14 weeks

TT 1st contact; +1, +6 months; +1, +1 year Yellow fever +10 months; travellers

Saint Kitts and Nevis

								2005
Births								1,000
Surviving infa								
Total populati		43,000						
Infant mortali	ity rate (p	er 1,000	live bir	ths)				18
Under-five me	ortality ra	ate (per	1,000 liv	e births)				20
Gross national income per capita (PPP, US\$)								
Percentage of	f routine	EPI vaco	ines fina	anced by	govern	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	89%	99%	99%	95%	99%	80%	
DTP1	99%	87%	94%	96%	95%	99%	99%	79%
DTP3	99%	96%	99%	97%	99%	99%	99%	56%
HepB3	99%	96%	99%	96%	99%	99%		
Hib3	99%	95%	99%	95%	99%	12%		
MCV	99%	98%	98%	99%	90%	99%	99%	
Pol3	99%	96%	99%	97%	99%	99%	99%	76%
TT2+ (PAB)								

District coverage (as reported)

		2005	2004			
Number of districts in country		17	17			
Percentage of districts reporting			100%			
	below 50%		0%			
DTP3: proportion of districts with coverage	between 50-79%		0%			
	at 80% or above	100%	100%			
MCV: proportion of districts with coverage a	t 90% or above	100%	100%			
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	ricts that	100%	100%			
Supply: any vaccine supply interruption?	Supply: any vaccine supply interruption?					
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in		100%				

BCG	birth-4 weeks
DTwP	18 months; 4-5 years
DTwPHibHep	2, 4, 6 months
MMR	1, 2-5 years

OPV	2, 4, 6, 18 months; 4-5, 11-17 years
Td	11, 17 years
Yellow fever	travellers

Births									
National o	overa	ge ra	tes (W	HO/UI	VICEF es	timates	, 2005)		
BCG DTP1 DTP3	200599%99%95%	2004 99% 99% 91%	200395%90%90%	2002 95% 96% 88%	2001 99% 99% 95%	2000 91% 76% 70%	1990 94% 96% 89%	1980 27% 79% 56%	
HepB3	95%	91%	84%	14%					
Hib3	95%	91%	84%	14%					
MCV	94%	95%	90%	98%	89%	88%	82%		
Pol3	95%	91%	91%	90%	96%	70%	90%	58%	
TT2+ (PAB)									
District co	verag	e (as r	eported	l)					
Number of dis		•					2005 0 	2004 8 100%	
				[_ below 50	0%		0%	
DTP3: proport	ion of di	stricts w	ith cove	rage	between	50-79%		13%	
					at 80% c			88%	
MCV: proporti				_		bove		75%	
DTP1–DTP3 di have achieved				of distr	icts that			13%	
Supply: any va	accine su	pply inte	erruption	?					
Safety: propor of autodisable									
Immuniza	tion s	chedu	ıle						
BCG		6 w	eeks	MM	ИR		1, 4-5	vears	
DT		4-5 y		OP		3, 5.	7, 19 mc	,	
DTwP		19 mo					4-15, 11		
DTwPHibHep	11	years							

Saint Vincent and the Grenadines

								2005	
Births								2,000	
Surviving infa								2,000	
Total populati		1	19,000						
Infant mortali			17						
Under-five mo			20 6,460						
Gross national income per capita (PPP, US\$) Percentage of routine EPI vaccines financed by government									
Percentage of routine EPI vaccines financed by government 1									
National o	covera	ge ra	tes (W	HO/UI	VICEF es	timates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG	95%	99%	87%	91%	99%	99%	99%		
DTP1	97%	99%	99%	99%	99%	99%	98%	51%	
DTP3	99%	99%	99%	99%	99%	99%	98%	26%	
HepB3	99%	99%	31%						
Hib3	99%	99%	27%						
MCV	97%	99%	94%	99%	98%	96%	96%		
Pol3	93%	99%	99%	99%	99%	99%	92%	26%	
TT2+ (PAB)									
District coverage (as reported)									
2005 2004									
Number of dis	stricts in	country					9	9	
Percentage of	districts	reporti	ng					100%	
			_	[below 5	0%	0%	0%	
DTP3: proport	ion of di	stricts w	ith cove	rage	between	50-79%	0%	11%	
						or above	100%	89%	
MCV: proporti	ion of dis	tricte w	ith cove	l te ane at	- 90% or a	hove	89%	78%	
DTP1-DTP3 d				•		5010	0070	7070	
have achieved				o. a.o	.010 1.1.41				
Supply: any va	accine su	pply inte	erruption	?			Yes	No	
Safety: propo of autodisable							100%	100%	
Immuniza	tion s	chedu	ıle						
BCG		∩-12 ma	nthe	05	٥// ٢	1 6 10	48-60 m	ontho	
BCG 0-12 months OPV 2, 4, 6, 18, 48-60 months DT 4-5 years Td 10-15 years									
DTPHibHep	2	4, 6 mg			low fever	·	ealth w	•	
DTwP		8-24 ma					nd on re		
MMR		1, 4-5 v							
		, , ,							

Births								5,000
Surviving	infants							5,000
Total popu	ılation						1	85,000
Infant mor	tality rate (¡	oer 1,000) live birt	hs)				24
Under-five	mortality r	ate (per	1,000 live	e birth	s)			29
Gross nati	onal incom	e per ca _l	oita (PPP,	US\$).				6,480
Percentage	e of routine	EPI vaco	cines fina	nced b	y gover	nment		100%
Nationa	al covera	age ra	tes (W	HO/UI	NICEF 6	estimates	. 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	86%	93%	73%	98%	98%	97%	97%	72%
DTP1	86%	90%	97%	99%	96%	99%	96%	54%
DTP3	64%	68%	94%	96%	93%	99%	90%	29%
HepB3	60%	70%	97%	98%	98%	96%		
Hib3								
MCV	57%	25%	99%	99%	92%	93%	89%	
Pol3	73%	41%	95%	96%	92%	99%	88%	29%
TT2+ (PAB								
District	coveraç	e (as r	eported)				
							2005	2004
Number o	f districts in	country	,				9	16
Percentag	e of districts	s reporti	ng				100%	100%
					below	50%	11%	19%
DTP3: pro	portion of d	istricts v	vith cove	rage	betwee	n 50-79%	67%	56%
					at 80%	or above	22%	25%
MCV: prop	ortion of di	stricts w	ith cover	age at	– : 90% or	above	22%	19%
	3 drop-out			_				
have achie	eved a rate	of less th	nan 10%				33%	31%
Supply: an	y vaccine su	apply into	erruption	?			No	Yes
	oportion of						1000/	1000/
or autodis	able (AD) sy	ringes t	or all rou	itine in	nmuniza	tions	100%	100%
lmmun	ization s	chedu	ıle					
BCG			birth	MF	3		12 m	onths
DT	5 years; sch	nool entr	ance	OF	V	6, 10, 14 v	veeks; 5	years
DTwP	6,	10, 14 w	reeks	TT		7, 8 mon		
НерВ	birth	; 6, 14 w	veeks			+6 we	eks after	birth

San Marino

								2005			
Births								0			
Surviving infa	ints										
Total population											
Infant mortality rate (per 1,000 live births)											
Under-five mortality rate (per 1,000 live births)											
Gross national income per capita (PPP, US\$)											
Percentage of routine EPI vaccines financed by government											
National o	covera	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)				
	2005	2004	2003	2002	2001	2000	1990	1980			
BCG											
DTP1	94%	95%	98%	98%	98%	97%	99%				
DTP3	95%	98%	96%	96%	96%	96%	99%				
HepB3	95%	97%	96%	95%	94%	94%					
Hib3	94%	98%	96%	95%	93%	92%					
MCV	94%	98%	91%	85%	80%	74%					
Pol3	95%	98%	96%	96%	96%	96%	99%				
TT2+ (PAB)											
District co	verag	e (as r	eported)							
							2005	2004			
Number of dis	stricts in	country					1				
Percentage of	districts	reportir	ng								
					below 5	0%					
DTP3: proport	ion of di	stricts w	ith cove	rage	betweer	50-79%					
					at 80% d	or above					
MCV: proporti	ion of dis	tricte w	ith cover	de ate	90% or a	hove					
DTP1-DTP3 d				-		DOVC					
have achieved				or diotric	oto tilat						
Supply: any va	accine su	pply inte	erruption	?							
Safety: propo											
of autodisable	(AD) sy	ringes fo	or all rou	itine im	munizati	ons					
lmmuniza	tion s	chedu	ıle								
DT		15-16 y	ears	DTa	PHibHer	iPV	2-:	3, 5-6,			
DTaP		5-6 y					11-12 m				
				MM	R 1	5-16 mor	ths; 5-6	years			
				I .							

Sao Tome and Principe

BirthsSurviving infa Total populati Infant mortali Under-five mo Gross nationa Percentage of	1	2005 5,000 5,000 57,000 75 118 5%						
National of	covera	ge ra	tes (WI	1U/OH	NICEF es	stimates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 98% 99% 97% 96% 88% 97%	2004 99% 99% 99% 91% 99%	2003 99% 97% 94% 43% 87% 94%	2002 99% 94% 92% 85% 92%	2001 92% 97% 92% 75% 87%	2000 81% 94% 82% 69% 87%	1990 99% 97% 92% 71% 90%	
Number of districts in country Percentage of districts reporting 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 29% 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								2004 7 100% 0% 14% 86% 29% 86% Yes
Immuniza	tion s	chedu	ıle					
BCG DTwP 6, 10, HepB	egnant w (1st, 2nd nonths, - 6 m	d visit)						

9 months

17 months

Yellow fever

birth; 6, 10, 14 weeks;

Measles

OPV

until 5 years old

9 months

Saudi Arabia

BirthsSurviving infair		2005 671,000 657,000 24,573,000						
Under-five mo	-							26
Gross national	,							14,740
Percentage of								100%
National c	overa	ge ra	tes (W	HO/UI	VICEF es	stimates	, 2005)	
BCG 96% 95% 94% 98% 94% 94% 90% 3 DTP1 97% 96% 96% 95% 95% 97% 95% 92% 4 HepB3 96% 96% 95% 95% 97% 95% 93% 66% Hib3 96% 96% 95% 91% MCV 96% 97% 96% 97% 94% 94% 88% 3 Pol3 96% 96% 95% 95% 97% 95% 92% 5 TT2+ (PAB)								
Percentage of	districts	reporti	ng	Г			100%	100%
					below 5			0%
DTP3: proporti	ion of di	stricts w	ith cove	erage		or above	100%	0% 100%
MCV: proportion	on of dis	tricts w	ith cove	rage at	– 90% or a	hove	100%	100%
DTP1-DTP3 dr have achieved	op-out r	ate: pro	portion	•		.5010	100%	100%
Supply: any va	ccine su	pply inte	erruption	ı?			No	No
Safety: propor of autodisable								
Immuniza	tion s	chedu	lle					
BCG birth DTwP 4-6 years DTwPHib 18 months DTwPHibHep 2, 4, 6 months HepB birth MenACWY pilgrims MMR OPV 2, 4, 6, 18 mo								years

		2005						
Births		423,000						
Surviving infa		3	89,000					
Total populati		11,6	58,000					
Infant mortali			77					
Under-five mo			136					
Gross nationa	I income	per cap	oita (PPP	, US\$)				1,770
Percentage of	routine	EPI vaco	ines fina	anced b	y govern	ment		
National o	covera	ge ra	tes (W	HO/UN	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	92%	95%	77%	70%	89%	89%	90%	
DTP1	97%	95%	81%	70%	79%	79%	75%	
DTP3	84%	87%	73%	60%	52%	52%	51%	
HepB3	84%	54%						
Hib3	18%							
MCV	74%	57%	60%	54%	48%	48%	51%	
Pol3	84%	87%	73%	60%	49%	49%	53%	
TT2+ (PAB)	85%	85%	83%	80%	78%	75%		
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	stricts in	country					56	52
Percentage of	districts	reporti	ng				100%	100%
					below 5	0%	2%	0%
DTP3: proport	ion of di	stricts v	ith cove	erage	betweer	50-79%	48%	31%
					at 80% o	or above	50%	69%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	5%	2%
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10%								63%
Supply: any va	accine su	pply inte	erruption	1?			No	Yes
Safety: propo of autodisable							100%	100%

Immunization schedule BCG birth

DTwP 6, 10, 14 weeks
DTwPHibHep 6 weeks
(subnational until July 2005);
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 (pre-cession)

								2005		
Births										
Surviving infa		1	19,000							
Total populati										
Infant mortali										
Under-five mo										
Gross nationa										
Percentage of	routine	EPI vacc	ines fina	anced b	y govern	ment		100%		
National o	covera	ge ra	tes (W	HO/UI	NICEF es	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	98%	97%	94%	95%	97%	99%				
DTP1	98%	96%	96%	98%	97%	98%				
DTP3	98%	97%	89%	95%	93%	95%				
HepB3	65%	89%								
Hib3										
MCV	96%	96%	87%	92%	90%	89%				
Pol3	98%	96%	89%	95%	93%	98%				
TT2+ (PAB)										
District co	verag	e (as r	eportec	l)						
							2005	2004		
Number of dis	stricts in	country					25	25		
Percentage of	districts	reportir	ng				0%	100%		
					below 5	0%		0%		
DTP3: proport	tion of di	stricts w	ith cove	rage	between	50-79%		0%		
					at 80% o	or above	100%	100%		
MCV: proporti	ion of dis	stricts w	ith cove	rage at	90% or a	bove	100%	100%		
DTP1-DTP3 d				of distr	icts that			2.20/		
have achieved		96%								
Supply: any va	accine su	pply inte	erruption	?			Yes	Yes		
Safety: propo of autodisable										
Immuniza	Immunization schedule									

BCG	birth
DT	7 years
DTwP 8, 16,	20 weeks; 18 months
HepB 8,	14 weeks; 12 months
Influenza	high-risk groups
MenC_conj	travellers
MMR	12 months: 12 years

8, 14, 20 weeks	; 18 months; 7, 14 years
	14 years
	18 years
oid	travellers
v fever	travellers
	id

Seychelles

								2005		
Births								3,000		
Surviving infa										
Total populati	;	81,000								
Infant mortality rate (per 1,000 live births)										
Under-five mortality rate (per 1,000 live births)										
Gross national income per capita (PPP, US\$)										
Percentage of	routine	EPI vacc	ines fina	anced b	y govern	ment		100%		
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG	99%	99%	99%	99%	99%	99%	98%			
DTP1	97%	99%	99%	99%	99%	98%	99%			
DTP3	99%	99%	99%	99%	96%	98%	99%			
HepB3	99%	99%	99%	98%	97%	97%				
Hib3										
MCV	99%	99%	99%	98%	95%	97%	86%			
Pol3	99%	99%	99%	99%	96%	98%	99%			
TT2+ (PAB)										
District co	verag	e (as r	eported	d)						
							2005	2004		
Number of dis	stricts in	country					16	16		
Percentage of	districts	reportir	ng				100%	100%		
					below 5	0%	0%	0%		
DTP3: proport	tion of di	stricts w	vith cove	erage	betweer	50-79%	0%	0%		
					at 80% o	or above	100%	100%		
MCV: proporti	ion of dis	stricts w	ith cove	rage at	90% or a	bove	100%	100%		
DTP1–DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% Supply: any vaccine supply interruption?								100%		
								Yes		
Safety: propo of autodisable										
Immuniza	tion e	chedu	مار							

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

Sierra Leone

Births									
National	covera	ge ra	tes (W	HO/UN	IICEF es	timates	, 2005)		
BCG DTP1	2005 82% 77%	2004 83% 77%	2003 87% 87%	2002 75% 87%	2001 63% 58%	2000 74% 64%	1990	1980	
DTP3	64%	61%	70%	52%	38%	44%			
HepB3									
Hib3									
MCV	67%	64%	73%	62%	50%	37%			
Pol3	64%	61%	60%	52%	38%	46%			
TT2+ (PAB)	76%	76%	62%	60%	58%	58%			
District coverage (as reported)									
	2005 2004								
Number of di	stricts in	country					13	13	
Percentage of	f districts	reportir	ng				100%	100%	
					below 50	0%	15%	38%	
DTP3: propor	tion of di	stricts w	ith cove	rage	between	50-79%	77%	46%	
					at 80% c	r above	8%	15%	
MCV: proport	ion of dis	stricts w	ith cove	age at	90% or a	bove	23%	15%	
DTP1–DTP3 d have achieve				of distri	cts that		15%	15%	
Supply: any v	accine su	pply inte	erruption	?			Yes	No	
Safety: propo of autodisable							100%	100%	
Immunization schedule									
IIIIIIIIIIZ	BCG birth TT CBAW (15-49 years) and 1st contact pregnancy; +1, +6 months; +1, +1 year Measles 9 months Vitamin A 6, 9 months								
BCG DTwP	6,	10, 14 w	veeks			1st conta	act pregi hs; +1, +	nancy; 1 year	

								2005
Births		;	39,000					
Surviving infa	nts						;	39,000
Total populati		4,3	26,000					
Infant mortalit			3					
Under-five mo			3					
Gross nationa		:	29,780					
Percentage of	routine	EPI vacc	ines fina	anced b	y govern	ment		100%
National o	covera	ge rat	tes (W	HO/UN	IICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	98%	99%	99%	98%	98%	99%	99%	85%
DTP1	96%	96%	96%	93%	95%	98%	95%	94%
DTP3	96%	95%	96%	94%	96%	98%	85%	84%
HepB3	96%	94%	95%	95%	95%	97%	74%	
Hib3								
MCV	96%	95%	93%	94%	95%	96%	84%	47%
Pol3	96%	95%	96%	94%	95%	98%	85%	83%
TT2+ (PAB)								
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	stricts in	country						
Percentage of	districts	reportir	ng					
					below 5	0%		
DTP3: proport	ion of di	stricts w	ith cove	erage	betweer	n 50-79%		
					at 80% o	or above		
MCV: proporti	on of dis	stricts w	ith cove	rage at	- 90% or a	bove		
DTP1-DTP3 di				of distri	cts that			
have achieved	d a rate o	f less th	an 10%					
Supply: any va	accine su	pply inte	erruption	1?				
Safety: propor								
of autodisable (AD) syringes for all routine immunizations								
Immunization schedule								
BCG birth MMR 15 months; ≥11								V02*2
DTwD	2			IVIIV	111	io iiioni	.115, ≥ 11	years

3, 4, 5 months

birth; 1, 5-6 months

OPV

Td

DTwP

HepB

3, 4, 5 months; \geq 6, \geq 11 years

6-7, 11-12 years

Slovakia

									2005
	Births								51,000
	Surviving in	Surviving infants							50,000
	Total population						5,4	401,000	
	Infant morta	lity rate (p	er 1,000	live bir	ths)				7
Under-five mortality rate (per 1,000 live births)							8		
Gross national income per capita (PPP, US\$)								15,760	
	Percentage of	of routine l	EPI vaco	ines fina	anced by	govern	ment		0%
	National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
		2005	2004	2003	2002	2001	2000	1990	1980
	BCG	98%	98%	98%	98%	93%	94%		
	DTP1	99%	99%	99%	99%	99%	99%		
	DTP3	99%	99%	99%	99%	99%	99%		
	HepB3	99%	99%	99%	99%	99%	99%		
	Hib3	99%	99%	99%	92%	99%	78%		
	MCV	98%	99%	99%	99%	99%	98%		
	Pol3	99%	99%	98%	98%	99%	98%		
	TT2+ (PAB)								

District coverage (as reported)

		2005	2004
Number of districts in country		79	79
Percentage of districts reporting	100%	100%	
	below 50%		0%
DTP3: proportion of districts with coverage	between 50-79%		0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at	t 90% or above	99%	100%
DTP1–DTP3 drop-out rate: proportion of distribute achieved a rate of less than 10%	100%	100%	
Supply: any vaccine supply interruption?		No	No
Safety: proportion of districts supplied with sof autodisable (AD) syringes for all routine in			

Immunization schedule

3 days; 10 years

DT		veeks; 9-13 months; 5 years (if pertussis contraindicated)
DTwP		2, 5 years
DTwPHiblPV		9, 15-19 weeks; 9-13 months

HepA	2 years; high-risk groups
НерВ	9, 15-19 weeks; 9-13 months
Influenza	high-risk groups
MMR	14 months; 11 years
Td	13 years
TT	adults every 10 years

BCG

BirthsSurviving infa Total populat Infant mortali Under-five m Gross national Percentage of	ants ion ity rate (p ortality ra al income	er 1,000 ate (per	live birt 1,000 live	ths) e births)		1,9	2005 17,000 17,000 37,000 3 4 22,160 1%
National	covera	ge ra	tes (W	HO/UN	IICEF es	stimates	, 2005)	
BCG DTP1	2005 92%	2004 96% 92%	2003 97% 92%	2002 97% 96%	2001 97% 96%	2000 98% 96%	1990	1980
DTP3	96%	94%	88%	93%	92%	91%		
НерВ3								
Hib3	96%	94%	88%	93%	93%			
MCV	94%	94%	87%	93%	94%	95%		
Pol3	96%	94%	88%	93%	93%	93%		
TT2+ (PAB)								
District coverage (as reported)								
							2005	2004
Number of di	Number of districts in country						9	9
Percentage of	Percentage of districts reporting							0%
					below 5	0%		
DTP3: propor	tion of di	stricts v	vith cove	rage	betweer	า 50-79%		
					at 80% o	or above		
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove		
DTP1-DTP3 d				of distri	cts that			
have achieve	d a rate c	it less tr	ian 10%					
Supply: any v	accine su	pply inte	erruption	?			No	Yes
Safety: propo of autodisabl								
lmmuniza	ation s	chedu	ıle					
BCG		ı	birth	Me	nACWY	hig	ıh-risk gı	oups
DTaPHibIPV	4.5, 6	i, 18 mo	nths				(subnat	
НерА	high	-risk gro subnatio	oups	Me	nC_conj	hig	h-risk gı (subnat	
НерВ	6 (2 dos			MN	1R		1, 6	years
		-risk gro		Pne	eumo_co	nj hig	ıh-risk gı	oups
Hib	high	-risk gro	oups	Td		years; hig	_	-
IPV		risk gro		TT 18 years; high-risk gro				
	(subnational)			Yellow fever high-risk groups				

Solomon Islands

								2005
Births								
Surviving infa	ants							15,000
Total populati	on						4	78,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				24
Under-five mo	ortality ra	ite (per	1,000 liv	e births)			29
Gross nationa	al income	per cap	oita (PPP	, US\$)				1,880
Percentage of	routine	EPI vaco	ines fina	anced b	y govern	ment		0%
National o	covera	ae ra	tes (W	HO/UN	IICEF es	timates	. 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	84%	84%	80%	76%	86%	92%	87%	65%
DTP1	82%	82%	80%	79%	84%	94%	91%	71%
DTP3	80%	80%	76%	71%	78%	82%	77%	46%
HepB3	72%	72%	70%	68%	78%	77%		
Hib3								
MCV	72%	72%	70%	67%	78%	87%	70%	
Pol3	75%	75%	72%	68%	80%	82%	75%	43%
TT2+ (PAB)								
Dietriet oc	worag	0 /00 "	0 10 0 Ht 0 0	1)				
District co	verag	e (as r	eported	1)				
Ni							2005	2004
Number of di								10
Percentage of	districts	reportii	ng					90%
					below 50	0%		
DTP3: proport	tion of di	stricts w	vith cove	erage	between	50-79%		
					at 80% c	r above		
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove		
DTP1-DTP3 d				of distri	cts that			
have achieved a rate of less than 10%								

lmm	unizat	ion sc	hedule

Supply: any vaccine supply interruption?

BCG	birth	Measles	9 months
DTwP	2, 4, 6 months	OPV	2, 4, 6 months; 5 years
HepB	birth; 2, 4 months	TT	5 years

Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations

								2005
Births								
Surviving infa	nts						3	22,000
Total populati	on						8,2	28,000
Infant mortalit	ty rate (p	er 1,000	live bir	ths)				133
Under-five mo	ortality ra	ate (per	1,000 liv	e birth	s)			225
Gross nationa	I income	per cap	oita (PPP	US\$)				
Percentage of	routine	EPI vaco	ines fina	anced I	oy govern	ment		0%
National o	overa	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	50%	50%	65%	60%	70%	69%	31%	6%
DTP1	50%	50%	65%	60%	57%	57%	42%	
DTP3	35%	30%	40%	40%	33%	33%	19%	
HepB3								
Hib3								
MCV	35%	40%	40%	45%	36%	38%	30%	9%
Pol3	35%	30%	40%	40%	33%	37%	18%	8%
TT2+ (PAB)	25%	25%	25%	25%	25%	22%		
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	stricts in	country					113	113
Percentage of	districts	reporti	ng				100%	
					below 5	0%	100%	98%
DTP3: proport	ion of di	stricts v	vith cove	rage	betweer	า 50-79%	0%	1%
					at 80% o	or above	0%	1%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove		1%
DTP1-DTP3 drop-out rate: proportion of districts that have achieved a rate of less than 10% 0%						0%		
Supply: any va	accine su	pply inte	erruption	?			No	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations 100% 100							100%	

BCG	birth	OPV	birth; 6, 10, 14 weeks
DTwP	6, 10, 14 weeks	TT	1st contact pregnancy;
Measles	9 months		+1, +6 months; +1, +1 year
		Vitamir	Δ 6-59 months

South Africa

2005 Births								32,000 38,000 32,000 55 68
National coverage rates (WHO/UNICEF estimates, 2005)								
BCG DTP1 DTP3 HepB3 Hib3 MCV	2005 97% 98% 94% 94% 94% 82%	2004 97% 99% 93% 92% 92% 81%	2003 97% 99% 94% 94% 94% 83%	2002 94% 88% 82% 83% 76% 78%	2001 87% 87% 81% 80% 78%	2000 99% 92% 79% 88% 88%	1990 57% 89% 72% 	1980
Pol3	94%	94%	94%	84%	80%	76%	76%	
TT2+ (PAB)		61%	52%	52%	60%	60%		
District coverage (as reported)								
Number of dis Percentage of DTP3: proport	districts	reporti	ng	rage		0% n 50-79% or above	2005 53 100% 0% 6% 94%	2004 53 100% 0% 9% 91%
MCV: proporti	ion of dis	stricts w	ith cove	rage at 9	90% or a	bove	25%	21%
DTP1–DTP3 d have achieved Supply: any va	d a rate o	of less th	an 10%		cts that		92% No	85% Yes
Safety: propo of autodisable								
Immuniza	tion s	chedi	مار					
BCG DT DTwP	RIOTI 3	5 y	birth ears	OPV TT	/		onths; 5 mant wo	years omen;
DTwPHib HepB Measles	DTwP 18 months TT pregnant wom post-trau DTwPHib 6, 10, 14 weeks Vitamin A 0-5, 6 HepB 6, 10, 14 weeks 12-60 mon post part						6-11, onths;	

								2005
Births								
Surviving infa								52,000
Total populati							43,0	64,000
Infant mortali								4 5
Under-five mo Gross nationa	•	•						25,820
Percentage of							•	100%
National o	covera	ge rat	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	98%	98%	98%	98%	98%	98%	97%	
DTP3	96%	96%	98%	96%	96%	95%	93%	
HepB3	96%	97%	83%	82%	81%	80%		
Hib3	96%	96%	98%	92%	92%	92%		
MCV	97%	97%	97%	97%	96%	94%	97%	
Pol3	96%	97%	98%	96%	96%	95%	94%	
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	stricts in	country					19	19
Percentage of	districts	reportir	ng				95%	100%
					below 5	0%		0%
DTP3: proport	tion of di	stricts w	ith cove	rage	betweer	50-79%		0%
					at 80% o	or above	100%	100%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	100%	100%
DTP1-DTP3 d have achieved				of distr	icts that			100%
Supply: any va	accine su	pply inte	erruption	?			No	No
Safety: propo of autodisable							100%	100%
Immuniza	tion o	م م ما م	do					

DT	4-6 years
DTaP	4-6 years
DTaPHibIPV	2, 4, 6, 15-18 months
НерВ	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

Varicella high-risk groups

Sri Lanka

								2005
Births							3	329,000
Surviving infa	ants						3	323,000
Total populati	on						20,7	43,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				12
Under-five me	ortality ra	ate (per	1,000 liv	e births)				14
Gross nationa	al income	per cap	oita (PPP	, US\$)				4,520
Percentage of	routine	EPI vaco	ines fina	anced by	govern	ment		75%
National of	covera	ige ra	tes (W	HO/UN	ICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	84%	61%
DTP1	99%	98%	99%	99%	99%	99%	95%	71%
DTP3	99%	97%	99%	98%	99%	99%	86%	46%
HepB3	99%	62%	32%					
Hib3								
MCV	99%	96%	99%	99%	99%	99%	80%	
Pol3	99%	97%	98%	98%	99%	99%	86%	46%
TT2+ (PAB)								
District coverage (as reported)								
		- ,uo i	оролюс	~ /				

Number of districts in country		2005 26	2004 26	
Percentage of districts reporting		100%	100%	
	below 50%	0%	0%	
DTP3: proportion of districts with coverage	between 50-79%		0%	
	at 80% or above	100%	100%	
MCV: proportion of districts with coverage at	t 90% or above	85%	100%	
DTP1–DTP3 drop-out rate: proportion of dist 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%				

BCG	birth
DT	5 years
DTwP	2, 4, 6, 18 months
НерВ	2, 4, 6 months
JE high-risk (12, 13, 24 months; groups (subnational)
Measles	9 months

MR		3 years
OPV	2, 4, 6	18 months; 5 years
Rubell	а	8 years
Td		12 years
TT	pregnar	nt women; +6 weeks
Vitami	in A	+9, +18 months; +5, +9, +12 years

								2005
Births	1,1	1,166,000						
Surviving infa	nts						1,0	86,000
Total population	on						36,2	33,000
Infant mortalit	y rate (p	er 1,000	live bir	ths)				62
Under-five mo	•							90
Gross national								2,000
Percentage of	routine l	EPI vaco	ines fina	anced I	oy goveri	nment		0%
National c	overa	ge ra	tes (W	HO/U	NICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	57%	51%	53%	48%	51%	46%	77%	2%
DTP1	86%	79%	74%	65%	71%	66%	83%	18%
DTP3	59%	55%	50%	40%	46%	41%	62%	1%
HepB3	52%							
Hib3								
MCV	60%	59%	57%	49%	67%	47%	57%	
Pol3	59%	55%	50%	40%	47%	41%	62%	1%
TT2+ (PAB)	41%	37%	35%	35%	37%	34%		
District co	verag	e (as r	eported	d)				
							2005	2004
Number of dis	tricts in	country					134	134
Percentage of	districts	reporti	ng				100%	83%
					below 5	50%	8%	14%
DTP3: proporti	ion of di	stricts v	ith cove	erage	betwee	n 50-79%	18%	19%
					at 80%	or above	57%	49%
MCV: proportion	on of dis	stricts w	ith cove	rage at	_ : 90% or a	above	14%	19%
DTP1–DTP3 dr have achieved			•	of dist	ricts that		60%	60%
Supply: any va	ccine su	pply inte	erruption	1?			Yes	Yes
Safety: propor of autodisable							100%	100%

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

Suriname

								2005	
Births		9,000							
Surviving infa	nts							9,000	
Total population	on						4	49,000	
Infant mortalit	y rate (p	er 1,000	live bir	ths)				30	
Under-five mo	rtality ra	ite (per	1,000 liv	e births)				39	
Gross nationa	I income	per cap	ita (PPP	, US\$)					
Percentage of	routine	EPI vaco	ines fina	anced by	govern	ment			
National o	overa	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG									
DTP1	99%	92%	81%	86%	90%	88%	94%	50%	
DTP3	83%	85%	80%	73%	68%	71%	83%	25%	
HepB3	83%								
Hib3	83%								
MCV	91%	86%	71%	73%	82%	79%	65%	1%	
Pol3	84%	84%	80%	74%	65%	70%	81%	20%	
TT2+ (PAB)									
District co	verag	e (as r	eported	d)					
							2005	2004	
Number of dis	stricts in	country					10	10	
Percentage of	districts	reportin	ng					100%	
					below 5	0%		0%	
DTP3: proport	ion of di	stricts w	ith cove	rage	between	50-79%		10%	
					at 80% c	or above		90%	
MCV/s are a section				L				10%	
MCV: proporti				_		bove		10%	
DTP1–DTP3 dr have achieved				oi aistric	us that				
Supply: any va	iccine su	pply inte	erruption	1?				Yes	
Safety: propor	tion of c	listricts	supplied	l with su	fficient	number			
of autodisable	(AD) sy	ringes f	or all rou	utine imi	munizati	ons		100%	
Immuniza	tion s	chedu	ıle						
DT 5. 15 ve	2, 4, 6 ars; high	, 18 moi		OPV	′	2, 4,	6, 18 m	onths; years	
DTwP		nths; 5 y	•	Td				years	
DTwPHibHep								-	

Births Surviving in Total popul- Infant mort Under-five Gross natio Percentage	nfants ationality rate (p mortality ra inal income of routine	per 1,000 ate (per e per ca EPI vaco	0 live birt 1,000 live pita (PPP, cines fina	hs) e birth US\$) .	s)s)	nment	: 1,0:	2005 29,000 27,000 32,000 110 160 5,190 100%
Nationa	l covera	ige ra	tes (W	HO/U	NICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	84%	84%	90%	95%	95%	90%	96%	
DTP1	77%	94%	91%	88%		91%	96%	
DTP3	71%	83%	80%	77%		77%	89%	•••
HepB3	71%	78%	78%	78%	78%	76%		•••
Hib3								
MCV	60%	70%	71%	72%	72%	72%	85%	•••
Pol3	71%	82%	79%	76%	76%	76%	89%	
TT2+ (PAB)								
District	coverag	e (as i	eported					
Number of Percentage		,					2005 4 100%	2004 4 100%
					below 5	50%	0%	0%
DTP3: prop	ortion of d	istricts v	with cove	rage	betwee	n 50-79%	100%	0%
					at 80%	or above	0%	100%
MCV: propo	ortion of dis	stricts w	ith cover	age at	 : 90% or	above		0%
DTP1-DTP3 have achiev				of distr	ricts that			75%
Supply: any	vaccine su	innly int	erruption	7			No	
Safety: propof autodisa	portion of o	districts	supplied	with s			100%	
Immuni	zation s	chedi	ıle					
BCG			birth	ТТ		1st conta	act prean	ancv:
DT		5	years				ks; +6 m	onths;
DTaP		18 m	onths	\/;+	amin A	6	+1, + 12, 18, 2	l year
DTaPHep	6,	10, 14 v	veeks	VII	.umm A	0,		onths
Measles OPV	birth; 6, 1	9, 18 mo 10, 14 w nths; 5	eeks;	Ye	llow feve	er		ntact; years
	10 1110		, 5413					

Sweden

								2005
Births								96,000
Surviving inf	ants							96,000
Total populat	ion						9,0	041,000
Infant mortal	ity rate (p	er 1,000	live bir	ths)				3
Under-five m	ortality ra	ite (per	1,000 liv	e births)				4
Gross nation	al income	per cap	oita (PPP	, US\$)				31,420
Percentage o	f routine	EPI vaco	ines fina	anced by	govern	ment		0%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	16%	16%	16%	16%	16%	16%	13%	3%
DTP1	99%	99%	98%	98%	98%	98%	99%	99%
DTP3	99%	99%	98%	98%	98%	98%	99%	99%
HepB3								
Hib3	98%	98%	98%	98%	99%	98%		
MCV	94%	94%	94%	94%	94%	91%	96%	88%
Pol3	99%	99%	99%	99%	99%	99%	99%	99%
TT2+ (PAB)								

District coverage (as reported)

Number of districts in country		290	290
Percentage of districts reporting		100%	98%
	below 50%		0%
DTP3: proportion of districts with coverage	between 50-79%		0%
	at 80% or above	100%	98%
MCV: proportion of districts with coverage a	t 90% or above	95%	90%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	ricts that		
Supply: any vaccine supply interruption?			
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in			

BCG	6 months	; high-risk groups
DTaP		10 years
DTaPH	ibHepIPV	3, 5, 12 months
DTaPH	ibIPV	3, 5, 12 months
НерВ		high-risk groups (subnational)

Influenza	>65 years; high-risk groups
IPV	5-6 years
MMR	18 months; 12 years
Pneumo_ps	>65 years; high-risk groups

2006 Births										
National	covera	ge ra	tes (W	HO/U	VICEF es	stīmates	, 2005)			
	2005	2004	2003	2002	2001	2000	1990	1980		
BCG										
DTP1	95%	98%	98%	98%	98%	98%	96%			
DTP3	93%	95%	95%	95%	95%	95%	90%			
HepB3										
Hib3	91%	91%	91%	90%	77%	77%				
MCV	82%	82%	82%	79%	80%	80%	90%			
Pol3	95%	95%	95%	94%	95%	95%	98%			
TT2+ (PAB)										
District co	verag	e (as r	eportec	l)						
							2005	2004		
Number of di	stricts in	country					26	26		
Percentage of	f districts	reportir	ng							
					below 5	0%				
DTP3: propor	tion of di	stricts w	vith cove	rage	betweer	n 50-79%				
					at 80% o	or above				
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove				
DTP1-DTP3 d have achieved				of distr	icts that					
Supply: any v	accine su	pply inte	erruption	?						
Safety: propo of autodisable										

DTaPHibIPV	2, 4, 6, 15-24 months
DTaPIPV	4-7 years
HepB 11-15	years; +1, +6 months
MenC_conj	12 months; 11-15 years

MMR 12, 15-24 months
Pneumo_conj 2, 4, 12 months
Varicella 11-15 years;
adolescents
without anamnesis

Syrian Arab Republic

								2005
Births							Ę	32,000
Surviving in	fants						Ę	524,000
Total popula	tion						19,0	043,000
Infant morta	lity rate (p	er 1,000	live bir	ths)				14
Under-five m	nortality ra	ite (per	1,000 liv	e births				15
Gross nation	al income	per cap	oita (PPF	, US\$)				3,740
Percentage of	of routine	EPI vaco	ines fina	anced by	govern	ment		100%
National	covera	ge ra	tes (W	HO/UN	IICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	92%	35%
DTP1	99%	99%	99%	99%	97%	97%	97%	35%
DTP3	99%	99%	99%	99%	92%	94%	91%	13%
HepB3	99%	99%	98%	98%	89%	90%		
Hib3	99%	99%	99%	99%	95%			
MCV	98%	98%	98%	98%	93%	96%	87%	13%
Pol3	99%	99%	99%	99%	92%	94%	90%	13%
TT2+ (PAB)								

District coverage (as reported)

			2004
Number of districts in country		71	71
Percentage of districts reporting			100%
	below 50%		1%
DTP3: proportion of districts with coverage	between 50-79%	7%	10%
	at 80% or above	93%	89%
MCV: proportion of districts with coverage a	77%	56%	
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	80%	80%	
Supply: any vaccine supply interruption?		No	No
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in	100%	100%	

BCG	birth
DT	6 years
DTwP	18 months
DTwPHib	3, 4, 5 months
НерВ	birth; 3, 10 months
Measles	10 months
MenACWY	6 years; high-risk groups

MMR		15 months
OPV	birth; 3, 4, 5,	18 months; 6 years
Td		12 years
TT	1st contact; +1,	+6 months; +1, +1 year
Vitamir		10 months; um mothers

								2005
Births							18	85,000
Surviving infa	nts						1	69,000
Total population	on						6,5	07,000
Infant mortalit	y rate (p	er 1,000	live bir	ths)				59
Under-five mo	,		•		-			71
Gross nationa								1,260
Percentage of	routine	EPI vacc	ines fina	inced l	oy govern	ment		5%
National c	overa	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	98%	97%	99%	98%	97%	99%		
DTP1	86%	87%	87%	88%	87%	87%		
DTP3	81%	82%	82%	83%	83%	83%		
HepB3	81%	82%	60%	39%				
Hib3								
MCV	84%	87%	87%	86%	86%	87%		
Pol3	84%	84%	84%	85%	85%	86%		
TT2+ (PAB)								
District co	verag	e (as r	eported	l)				
							2005	2004
Number of dis	stricts in	country					65	65
Percentage of	districts	reportir	ng					100%
					below 5	0%		0%
DTP3: proport	ion of di	stricts w	ith cove	rage	betweer	50-79%		5%
					at 80% o	or above	100%	95%
MCV: proporti	on of dis	stricts w	ith cove	rage at	 : 90% or a	bove	89%	94%
DTP1–DTP3 dr have achieved				of distr	ricts that		100%	100%
Supply: any va	ccine su	pply inte	erruption	?			No	Yes
Safety: propor of autodisable							100%	100%

BCG	3-5 days	НерВ	birth; 2, 4 months
DT	6 years	Measles	12 months; 6 years
DTwP	2, 3, 4, 16-23 months	OPV	birth; 2, 3, 4, 12 months
		\/itamin A	6 E0 months (2 dossa)

Tanzania, United Republic of

								2005
Births							1.40	08,000
Surviving infa								61,000
•								29,000
Total population Infant mortality rate (per 1,000 live births)								76
Under-five mortality rate (per 1,000 live births)								122
Gross nationa	,		•					730
Percentage of								62%
				,	9			
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	91%	91%	91%	88%	89%	86%	85%	72%
DTP1	95%	99%	99%	96%	95%	92%	92%	81%
DTP3	90%	95%	95%	89%	85%	79%	78%	59%
HepB3	90%	95%	95%	89%				
Hib3								
MCV	91%	94%	97%	89%	83%	78%	80%	46%
Pol3	91%	95%	97%	91%	62%	64%	78%	57%
TT2+ (PAB)	90%	90%	86%	86%	77%	77%		
District or	overed	0 / "		.11				
District co	overag	e (as r	eported	1)				
Number of di	stricts in	country					2005 121	2004 129

Number of districts in country		2005 121	2004 129	
Percentage of districts reporting	100%	100%		
	below 50%	0%	0%	
DTP3: proportion of districts with coverage	between 50-79%	8%	9%	
	at 80% or above	88%	88%	
MCV: proportion of districts with coverage a	64%	72%		
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	97%	81%		
Supply: any vaccine supply interruption?	No	No		
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in		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

								2005
Births							1,00	09,000
Surviving infa	nts						99	91,000
Total populati	on						64,23	33,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				18
Under-five mo	ortality ra	ite (per	1,000 liv	e births)				21
Gross nationa	al income	per cap	oita (PPP	, US\$)				8,440
Percentage of	routine	EPI vacc	ines fina	anced by	govern	ment		100%
National o	covera	ge ra	tes (W	HO/UN	ICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	99%	68%
DTP1	99%	99%	99%	98%	98%	98%	97%	73%
DTP3	98%	98%	98%	96%	96%	97%	92%	49%
HepB3	96%	96%	96%	95%	95%	95%		
Hib3								
MCV	96%	96%	96%	94%	94%	94%	80%	
Pol3	98%	98%	98%	97%	97%	97%	92%	19%
TT2+ (PAB)								
District co	verag	e (as r	eportec	d)				
							2005	2004
Number of dis	stricts in	country					926	926
Percentage of	districts	reportir	ng					
					below 50	0%		
DTP3: proport	tion of di	stricts w	ith cove	erage	between	50-79%		
					at 80% c	r above		
MCV: proport				•		bove		
DTP1-DTP3 d have achieved				of distric	cts that			
Supply: any va	accine su	pply inte	erruption	1?			No	No
Safety: propo of autodisable								

BCG	birth
DTwP	2, 4, 6 months; 1.5-2, 4-5 years
DTwPHep	2, 4, 6 months (subnational)
НерВ	birth; 2, 6 months
Influenza	travellers (subnational)
JE 2.5-	1.5-2 years (2 doses); 3 years; 1-2 weeks apart
Measles	9-12 months

MenACWY	pilgrims (subnational)
MMR	school entrance
OPV	2, 4, 6 months
	schoolchildren grade 6, ant women 1st contact; +1, +6 months
	egnant women 1st visit; months; +10, +10 years
Yellow feve	r travellers (subnational)

The former Yugoslav Republic of Macedonia

								2005
Births							:	23,000
Surviving infa	nts						23,000	
Total populati	on						2,03	34,000
Infant mortali	ty rate (p	er 1,000	live bir	hs)				15
Under-five mortality rate (per 1,000 live births)								17
Gross nationa	ıl income	per cap	ita (PPP	US\$)				7,080
Percentage of	routine l	EPI vacc	ines fina	nced by	govern	ment		100%
National	covera	ge rat	tes (W	HO/UN	ICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	94%	95%	91%	97%	97%		
DTP1	98%	96%	99%	99%	95%	98%		
DTP3	97%	94%	96%	96%	90%	95%		
HepB3	53%							
Hib3								
MCV	96%	96%	96%	98%	92%	97%		
Pol3	98%	95%	96%	97%	91%	96%		
TT2+ (PAB)								
District co	verag	A las ri	enorted	1)				
District co	verag	e (as r	eported	l)			2005	2004
Number of di				l)			2005 31	2004 31
Number of di	stricts in	country		l)				
	stricts in	country		_	below 5	0%	31 	31 100%
Number of dis	stricts in	country reportir	ng	[below 5		31 	31 100% 0%
Number of di	stricts in	country reportir	ng	erage	betweer	50-79%	31 	31 100% 0% 0%
Number of dia Percentage of DTP3: proport	stricts in districts	country reportir stricts w	ng vith cove	erage	betweer at 80% o	50-79% or above	31 100%	31 100% 0% 0% 100%
Number of dis Percentage of DTP3: proport	stricts in districts tion of di	country reportin stricts w	ng vith cove	erage	betweer at 80% o	50-79% or above	31 	31 100% 0% 0%
Number of dia Percentage of DTP3: proport	stricts in districts tion of di ion of dis rop-out r	country reportin stricts w stricts w ate: pro	ng vith cove ith cove portion	erage	betweer at 80% o	50-79% or above	31 100%	31 100% 0% 0% 100%
Number of dis Percentage of DTP3: proport MCV: proport DTP1–DTP3 d have achieved	stricts in districts in it districts it	country reportir stricts w stricts w ate: pro f less th	ng vith cove ith cove portion an 10%	rage	betweer at 80% o	50-79% or above	31 100% 100%	31 100% 0% 0% 100% 97%
Number of dis Percentage of DTP3: proport MCV: proport DTP1-DTP3 d have achieved Supply: any va	stricts in districts districts tion of di fion of district fion of districts fion of	country reportir stricts w stricts w ate: pro of less th	ong with cover ith cover portion an 10%	rage listrage at 9 of district?	betweer at 80% o 90% or a ets that	or above	31 100%	31 100% 0% 0% 100% 97%
Number of dis Percentage of DTP3: proport MCV: proport DTP1–DTP3 d have achieved	stricts in districts tion of di strop-out r d a rate o accine su rtion of c	country reportir stricts w stricts w ate: pro f less th pply inte	ng ith cove ith cove portion an 10% erruption supplied	rage at 9 of district ?	betweer at 80% o 90% or a ets that	or above bove number	31 100% 100%	31 100% 0% 0% 100% 97%
Number of dis Percentage of DTP3: proport MCV: proport DTP1-DTP3 d have achieved Supply: any va Safety: propo	stricts in districts tion of di rop-out r d a rate o accine su rtion of ce (AD) sy	country reportir stricts w stricts w ate: pro f less th pply inte fistricts s ringes fo	vith cover ith cover portion of an 10% erruption supplied or all rou	rage at 9 of district ?	betweer at 80% o 90% or a ets that	or above bove number	31 100% 100%	31 100% 0% 0% 100% 97%
Number of dis Percentage of DTP3: proport MCV: proport DTP1-DTP3 d have achieved Supply: any va Safety: propo of autodisable	stricts in fidistricts it ion of districts it ion of district ion of district ion of district ion of district ion of de (AD) syntion so	country reportir stricts w stricts w ate: pro of less th pply inte listricts s ringes fo	vith cover ith cover portion of an 10% erruption supplied or all rou	rage at 9 of district ?	betweer at 80% of 90% or a sts that fficient munizati	or above bove house	31 100% 100% 	31 100% 0% 0% 100% 97%
Number of die Percentage of DTP3: proport MCV: proport DTP1-DTP3 d have achieved Supply: any va Safety: propo of autodisable	stricts in fidistricts it ion of districts it ion of district ion of district ion of district ion of district ion of de (AD) syntion so	country reportin stricts w stricts w ate: proj fi less th pply inte districts : ringes fo chedu	rith cover ith cover portion an 10% erruption supplied or all route ears	rage at 9 of district ?	betweer at 80% of 90% or a sts that fficient munizati	or above bove house	31 100% 100% No 	31 100% 0% 0% 100% 97%
Number of dis Percentage of DTP3: proport MCV: proport DTP1-DTP3 d have achieved Supply: any vi Safety: propo of autodisable Immuniza	stricts in districts distr	country reportir stricts w stricts w ate: pro f less th pply inte districts s ringes fo chedu ; 7, 14 y 6 y	rith cover ith cover portion an 10% erruption supplied or all route ears	rage at 9 of district ?	betweer at 80% of 90% or a sts that fficient munizati	or above bove house	31 100% 100% No 	31 100% 0% 0% 100% 97% No
Number of dis Percentage of DTP3: proport MCV: proport DTP1-DTP3 d have achieved Supply: any vi Safety: propo of autodisable Immuniza	stricts in districts districts tion of districts tion of district rop-out r d a rate o accine su rtion of ce (AD) sy birth 6, 18 mod	country reportir stricts w stricts w ate: pro f less th pply inte districts s ringes fo chedu ; 7, 14 y 6 y	ith coverith coverith covering an 10% erruption supplied or all routers ears	rage at 9 of district ? with su tine importance import	betweer at 80% of 90% or a sts that fficient munizati	or above bove house	31 100% 100% No 	31 100% 0% 0% 100% 97% No

								2005
Births								49,000
Surviving infa								45,000
Total population								47,000
Infant mortality rate (per 1,000 live births)								52
Under-five mortality rate (per 1,000 live births)								61
Gross nationa	•	•						
Percentage of								0%
National	covera	ge ra	tes (W	HO/UI	NICEF e	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	70%	72%	72%	66%				
DTP1	64%	65%	65%	62%				
DTP3	55%	57%	57%	44%				
НерВ3								
Hib3								
MCV	48%	55%	55%	39%				
Pol3	55%	57%	57%	43%				
TT2+ (PAB)	45%	40%	37%	35%				
TIZT (IAD)	4070	4070	0770	0070				
District co	overag	e (as r	eportec	d)				
							2005	2004
Number of di	stricts in	country	,				13	13
Percentage of	f districts	reporti	ng				100%	100%
					below 5	50%	31%	0%
DTP3: propor	tion of di	stricts v	vith cove	erage	betwee	n 50-79%	69%	62%
					at 80%	or above	0%	38%
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or	above	0%	15%
DTP1–DTP3 d have achieved				of distr	icts that		31%	
Supply: any v	accine su	pply inte	erruption	1?			No	No
Safety: propo of autodisable							100%	100%

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

Togo

Births								2005 36,000 15,000 45,000 78 139 1,550 100%
ivational c	overa	ge ra	tes (w	HO/UN	ICEF es		, 2005)	
BCG	2005 96%	2004 91%	2003 79%	2002 81%	2001 82%	2000 84%	1990 97%	1980
DTP1	90%	83%	79% 83%	75%	82% 77%	80%	90%	
DTP3	82%	71%	72%	75% 59%	62%	64%	90% 77%	
HepB3	02/0	, 1 / 0	7270		02/0			
Hib3								
MCV	70%	 70%	68%	48%	 53%	58%	73%	
Pol3	80%	71%	72%	58%	60%	63%	76%	
TT2+ (PAB)	00 /6	61%	56%	38%	40%	47%	7070	
112+ (PAB)		0176	30%	3070	40%	47 70		
District co	verag	e (as r	eported	l)				
Number of dis							2005 35 100%	2004 35 100%
				Г	below 50)%	6%	3%
DTP3: proport	ion of di	stricts w	ith cove	rage	between	50-79%	20%	54%
				•	at 80% o		74%	43%
MCV/ management:	f di.		:ab		000/	h a	26%	23%
MCV: proportion DTP1-DTP3 dr				-		bove	20%	23%
have achieved				or aistric	is mai		60%	31%
Supply: any va	ccina su	nnly inte	rruntion	2			Yes	Yes
Safety: propor		,	•		fficient r	numher	163	163
of autodisable							51%	94%
Immuniza	tion s	chedu	مار					
	tion 3							
BCG			birth	Vita	min A	6,	10, 14 w	reeks; onths
DTwP	6, 1	10, 14 w		Yello	ow fever			onths
Measles		9 mo						
	oirth; 6, 1							
TT pregnant pregna	women ancy; +1,		nths;					

								2005
Births								2,000
Surviving infa	nts							2,000
Total population								02,000
Infant mortality rate (per 1,000 live births)								20
Under-five mo	ortality ra	ite (per	1,000 liv	e births	s)			24
Gross national income per capita (PPP, US\$)								8,040
Percentage of	routine	EPI vacc	ines fina	anced b	y govern	ment		100%
National o	covera	ge ra	tes (W	HO/UN	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	91%	99%	99%	99%
DTP1	99%	99%	99%	96%	99%	98%	97%	65%
DTP3	99%	99%	98%	90%	94%	95%	94%	40%
НерВ3	99%	99%	93%	95%	96%	97%	94%	
Hib3	99%							
MCV	99%	99%	99%	90%	93%	95%	86%	
Pol3	99%	99%	98%	90%	95%	95%	93%	20%
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of di	stricts in	country					6	14
Percentage of	districts	reportir	ng				100%	100%
					below 5	0%		
DTP3: proport	tion of di	stricts w	ith cove	rage	betweer	50-79%		
					at 80% o	or above	100%	
MCV: proport	ion of dis	stricts w	ith cove	rage at	90% or a	bove	100%	
DTP1-DTP3 d have achieved				of distri	cts that		100%	
Supply: any va	accine su	pply inte	erruption	?			No	Yes
Safety: propo of autodisable							100%	100%
Immunization schedule								

BCG	birth	OPV	6, 10, 14 weeks
DTwP	6, 10, 14 weeks; 18 months; 5-6 years	Td	6 years; high school students (subnational)
DTwPHib	6, 10, 14 weeks	TT	1st contact pregnancy;
НерВ	birth; 6, 14 weeks		4 weeks; 6 months; 5, 6 years
MR	1 year; 18 months		

Trinidad and Tobago

								2005
Births								19,000
Surviving infants								18,000
Total population							1,3	305,000
Infant morta	ality rate (p	er 1,000	live bir	ths)				17
Under-five r	nortality ra	ate (per	1,000 liv	e births)				19
Gross nation	nal income	per cap	oita (PPP	, US\$)				13,170
Percentage	of routine	EPI vaco	ines fina	anced by	govern	ment		100%
National	covera	ige ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
National	covera 2005	ge ra	tes (W 2003	HO/UN 2002	2001	stimates 2000	1990	1980
National BCG								
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	2005 	2004	2003	2002	2001	2000	1990	1980
BCG DTP1	2005 94%	2004 91%	2003 93%	2002 90%	2001 91%	2000 90%	1990 94%	1980 51%
BCG DTP1 DTP3	2005 94% 95%	2004 91% 94%	2003 93% 91%	2002 90% 96%	2001 91% 91%	2000 90% 90%	1990 94%	1980 51%
BCG DTP1 DTP3 HepB3	2005 94% 95% 95%	2004 91% 94% 94%	2003 93% 91% 76%	2002 90% 96% 5%	2001 91% 91% 	2000 90% 90% 	1990 94% 82% 	1980 51%

District coverage (as reported)

TT2+ (PAB)

		2005	2004
Number of districts in country		9	9
Percentage of districts reporting		100%	100%
	below 50%		0%
DTP3: proportion of districts with coverage	between 50-79%		0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage a	t 90% or above	67%	
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	ricts that		
Supply: any vaccine supply interruption?		No	
Safety: proportion of districts supplied with a of autodisable (AD) syringes for all routine in			

Immunization schedule

DT	3, 4, 6, 18 months; 4-5,						
	10-11 years (if neurological						
	problems or pertussis						
	contraindicated, subnational)						
DTwP	18 months; 5 years						
DTM	UibUon 2.4.6 months						

Hib 1-5 years; defaulter MMR 1, 4-5 years OPV 3, 4, 5, 18 months; 4-5 years Td 10 years; high-risk groups Yellow fever 1, \geq 11 years

								2005
Births							1	66,000
Surviving infants								63,000
Total population							10,1	02,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				20
Under-five me	ortality ra	ate (per	1,000 liv	e birth	s)			24
Gross nationa	al income	per cap	oita (PPP	US\$).				7,900
Percentage of	routine	EPI vaco	ines fina	anced b	y govern	ment		100%
National	covera	ge ra	tes (W	HO/U	NICEE es	stimates	2005)	
rational								1000
BCG	2005 98%	2004 97%	2003 93%	2002 91%	2001 91%	2000 95%	1990 96%	1980
DTP1	98%	97%	96%	96%	98%	98%	97%	
DTP3	98%	97%	95%	96%	98%	97%	93%	
HepB3	97%	96%	92%	93%	94%	94%		
Hib3	80%	97%	96%					
MCV	96%	95%	90%	94%	92%	95%	93%	
Pol3	98%	97%	95%	96%	98%	97%	93%	
		,-	/-				/-	•••
TT2+ (PAB)								
District co	overag	e (as r	eportec	l)				
							2005	2004
Number of di	stricts in	country					232	225
Percentage of	f districts	reportir	ng				100%	100%
					below 5	0%	0%	0%
DTP3: propor	tion of di	stricts w	vith cove	rage	betweer	n 50-79%	1%	0%
					at 80% (or above	99%	100%
MCV: proport	ion of dis	stricts w	ith cove	rage at	 : 90% or a	bove	83%	88%
DTP1-DTP3 d				of distr	icts that			
have achieve	d a rate c	of less th	nan 10%				100%	100%
Supply: any v	accine su	pply inte	erruption	?			No	
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								

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

Turkey

Surviving infants							1,4 73,1	2005 00,000 41,000 93,000 26 29 8,420 100%
National	covera	ge ra	tes (W	HO/UI	VICEF es	timates	, 2005)	
BCG	2005 89%	2004 89%	2003 89%	2002 89%	2001 89%	2000 89%	1990 93%	1980
DTP1	92%	86%	76%	82%	95%	92%	94%	67%
DTP3	90%	85%	68%	78%	88%	85%	84%	42%
HepB3	85%	77%	68%	72%	77%	71%		
Hib3								
MCV	91%	81%	75%	82%	90%	86%	78%	27%
Pol3	90%	85%	69%	78%	88%	85%	84%	63%
TT2+ (PAB)	47%	41%	37%	37%	38%	38%		
District c	overag	e (as r	eportec)				
	3						2005	2004
Number of c	listricts in	country					81	81
Percentage of	of districts	reportir	ng				100%	100%
					below 5	0%	0%	1%
DTP3: propo	rtion of di	stricts w	ith cove	rage	between	50-79%	5%	27%
- 1 - 1				3 -	at 80% c	or above	95%	72%
MCV: propor	tion of dis	stricts w	ith cove	rage at	90% or a	bove	47%	7%
DTP1-DTP3	drop-out r	ate: pro	portion (of distr	icts that			
have achieve	ed a rate o	of less th	an 10%				90%	84%
Supply: any	vaccine su	pply inte	erruption	?			No	No
Safety: prop								
of autodisab	le (AD) sy	ringes to	or all rou	itine in	ımunizati	ons		
lmmuniz	ation s	chedı	ile					
BCG	2 mor	nths; 6 y	eare	OP	V	23	4, 16 m	onthe
DTwP		l, 16 mo		Td	•	2, 0,	•	years
НерВ		3, 9 moi		TT		1st conta		•
- P	also high					+6 month		
Measles	9 mor	nths; 6 y	ears					

								2005
Births							1	08,000
Surviving infants								99,000
Total population							4,8	33,000
Infant mortality rate (per 1,000 live births)								81
Under-five mortality rate (per 1,000 live births)								104
Gross nationa	al income	per cap	oita (PPP	, US\$)				
Percentage of	routine	EPI vaco	ines fina	anced by	govern	ment		98%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%		
DTP1	99%	98%	96%	99%	96%	97%		
DTP3	99%	97%	83%	98%	95%	97%		
HepB3	99%	96%	97%	96%				
Hib3								
MCV	99%	97%	97%	88%	98%	97%		
Pol3	99%	98%	66%	99%	94%	98%		
TT2+ (PAB)								
District co	verag	e (as r	eported	d)				
							2005	2004
Number of di	stricts in	country					61	61
Percentage of	f districts	reporti	ng				100%	100%
					below 5	0%		0%
DTP3: propor	tion of di	stricts v	vith cove	erage	betweer	า 50-79%		0%
					at 80% o	or above	100%	100%
MCV: proport	ion of dis	stricts w	ith cove	rage at 9	90% or a	bove	100%	98%
DTP1-DTP3 d have achieved				of distric	ets that		100%	100%
Supply: any v	accine su	pply inte	erruption	1?			Yes	Yes
	Supply: any vaccine supply interruption? Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations							72%

BCG	3-5 days; 6-7, 15 years
DT	6 years
DTwP	2, 3, 4, 18 months
НерА	3-5 days; 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

Tuvalu

Births Surviving infa Total population Infant mortalit Under-five mo Gross nationa Percentage of			2005 0 10,000 31 38					
National c	overa	ge ra	tes (W	HO/UI	VICEF es	stimates	, 2005)	
BCG DTP1 DTP3 HepB3 Hib3 MCV	2005 99% 99% 93% 79% 	2004 99% 99% 98% 98% 	2003 99% 97% 93% 95% 	2002 99% 99% 98% 99% 	2001 99% 99% 96% 99% 	2000 99% 80% 75% 99% 	1990 96% 99% 99% 95%	1980 99% 61% 36%
Pol3	99%	98%	93%	98%	96%	75%	84%	23%
TT2+ (PAB)								
District co	verag	e (as r	eportec	I)				
Number of dis				ſ	_		2005 9 100%	2004 9 100%
					below 5	0%		0%
DTP3: proport	ion of di	stricts w	ith cove	rage	betweer at 80% of	or above	 100%	0% 100%
MCV: proporti	on of dis	stricts w	ith cove	rage at	– 90% or a	bove	100%	100%
DTP1–DTP3 dr have achieved	op-out r	ate: pro	portion	Ü			100%	100%
Supply: any va	ccine su	pply inte	erruption	?			No	No
Safety: propor of autodisable							100%	100%
Immuniza	tion s	chedu	ile					
BCG	k	oirth; 6 y	ears	MF	?		12, 18 m	onths
DTwP				OP	V		10, 14 v	
HepB birth; 6 weeks; TT 1st conta							ct pregn s; +6 mc +1, +1	nths;

								2005
Births	1,4	68,000						
Surviving infa	1,3	52,000						
Total populati	on						28,8	16,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				79
Under-five mo	ortality ra	ate (per	1,000 liv	e birth	s)			136
Gross nationa	l income	per cap	oita (PPP	US\$).				1,500
Percentage of	routine	EPI vaco	ines fina	anced l	y govern	ment		9%
National o	covera	ge ra	tes (W	HO/U	NICEE es	stimates	2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	92%	99%	96%	96%	92%	83%	75%	
DTP1	94%	99%	96%	91%	82%	72%	72%	
DTP3	84%	87%	81%	72%	61%	58%	45%	
HepB3	84%	87%	63%	42%				
Hib3	84%	87%	63%	42%				
MCV	86%	91%	82%	77%	63%	61%	52%	
Pol3	83%	86%	82%	73%	62%	57%	45%	
TT2+ (PAB)	56%	53%	48%	50%	45%	42%		
District co	verag	e (as r	eportec	l)				
							2005	2004
Number of dis	stricts in	country					56	56
Percentage of	districts	reporti	ng				100%	100%
					below 5	0%	4%	2%
DTP3: proport	ion of di	stricts v	vith cove	rage	betweer	50-79%	41%	34%
					at 80% o	or above	55%	64%
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	32%	38%
DTP1-DTP3 d				of distr	icts that		55%	30%
have achieved	a rate c	ot less tr	ian 10%				55%	30%
Supply: any va	accine su	pply inte	erruption	?			No	Yes
Safety: propo of autodisable		100%						

BCG				birth
DTwPHibHep	6	3,	10,	14 weeks
Measles				9 months
OPV	birth; 6	3,	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

Ukraine

Births									
National c	overa	ge ra	tes (W	HO/UN	IICEF es	stimates	, 2005)		
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3	2005 96% 95% 96% 97% 96% 95%	2004 98% 96% 99% 98% 99%	2003 98% 98% 97% 77% 99%	2002 98% 99% 99% 48% 99%	2001 98% 99% 99% 99% 99%	2000 99% 99% 99% 4% 99%	1990 	1980 	
TT2+ (PAB)									
District co	verag	e (as r	eportec	l)					
Number of dis Percentage of DTP3: proport MCV: proporti DTP1-DTP3 dr have achieved Supply: any va Safety: propor	districts ion of districts on of districts op-out r a rate c ccine su tion of c	stricts w stricts w ate: pro of less th pply inte	ith cover ith cover portion of an 10% erruption supplied	rage at sof distriction?	at 80% of a grant of the street of the stree	or above bove	2005 	2004 647 100% 0% 0% 100% 100% No	
of autodisable								100%	
Immuniza	tion s	chedu	ıle						
BCG DT DTwP HepB medic IPV MMR	3, 4, 5	5, 18 mo 1, 6 mo	rears onths onths; oses) onths	OP\ Rub Td TT	pella	11 booster 6 60 y	5 years , 14, 18	(girls) years; years ersons nated	

Mumps

15 years (boys)

United Arab Emirates

								2005	
Births								69,000	
Surviving infa	Surviving infants								
Total populat	Total population								
Infant mortal	ity rate (p	er 1,000	live birt	hs)				8	
Under-five m	ortality ra	te (per	1,000 liv	e birth	s)			9	
Gross nationa	al income	per cap	oita (PPP,	US\$).					
Percentage of	f routine F	EPI vaco	ines fina	nced b	y govern	ment		100%	
N. d.	National coverage rates (WHO/UNICEF estimates, 2005)								
National	covera	ge ra	tes (W	HO/U	VICEF es	stimates	, 2005)		
	2005	2004	2003	2002	2001	2000	1990	1980	
BCG	98%	98%	98%	98%	98%	98%	96%	15%	
DTP1	97%	96%	96%	96%	96%	96%	95%	32%	
DTP3	94%	94%	94%	94%	94%	94%	85%	11%	
HepB3	92%	92%	92%	92%	92%	92%			
Hib3	94%	94%	94%	94%	92%	92%			
MCV	92%	94%	94%	94%	94%	94%	80%	34%	
Pol3	94%	94%	94%	94%	94%	94%	85%	11%	
TT2+ (PAB)									
District.									
District co	pverag	e (as r	eported)					
							2005	2004	
Number of di		,					9	9	
Percentage of	f districts	reporti	ng					100%	
					below 5	0%		0%	
DTP3: propor	tion of dis	stricts v	vith cove	rage	betweer	n 50-79 %		0%	
					at 80% (or above	100%	100%	
MCV: proport	ion of dis	tricts w	ith cover	te aner	90% or a	ahove	100%	100%	
DTP1-DTP3 d				•		JVOGE	10076	10070	
have achieve				or alsti	ioto triat			0%	
Supply: any v	accine cu	only inte	arruntion	7			No	No	
Safety: propo					ufficient	number	NO	140	
of autodisabl									
1		le e ele	a de la companya de						
lmmuniza	ition so	cneat	lie						
BCG			birth	MI	MR	15 m	onths; 6	years	
DT		6 y	ears	OF	V 2, 4	l, 6, 18 m	onths; 6	years	
DTwP		18 mo	nths	Pn	eumo_ps	: hiç	gh-risk g	roups	
DTwPHibHep	2,	4, 6 mo	nths	Ru	bella	12 y	vears; fe	males	
Hib		18 mo	nths	Td			15	years	
Influenza	high	-risk gr	oups	Ту	phoid		food har	ndlers	
Measles		9 mo	nths	Va	ricella	hiç	gh-risk g	roups	

Yellow fever

pilgrims

MenACWY

travellers

United Kingdom

								2005
Births	6	559,000						
Surviving inf	ants						6	555,000
Total populat	tion						59,6	68,000
Infant mortality rate (per 1,000 live births)								5
Under-five m	ortality ra	ite (per	1,000 liv	e births)				6
Gross nation	al income	per cap	ita (PPF	, US\$)				32,690
Percentage o	of routine	EPI vaco	ines fina	anced by	govern/	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	timates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	97%	96%	97%	97%	97%	97%	94%	66%
DTP3	91%	90%	91%	91%	94%	92%	84%	41%
HepB3								

District coverage (as reported)

91%

82%

91%

Hib3 MCV

Pol3

TT2+ (PAB)

91%

81%

91%

91%

80%

91%

91%

83%

91%

94%

85%

94%

92%

88%

92%

87%

92%

53%

81%

...

		2005	2004
Number of districts in country		28	50
Percentage of districts reporting			100%
	below 50%	0%	0%
DTP3: proportion of districts with coverage	between 50-79%	4%	2%
	at 80% or above	96%	98%
MCV: proportion of districts with coverage a	t 90% or above	0%	10%
DTP1–DTP3 drop-out rate: proportion of dist have achieved a rate of less than 10%	ricts that		
Supply: any vaccine supply interruption?		No	No
Safety: proportion of districts supplied with of autodisable (AD) syringes for all routine in			

Immunization schedule

BCG 10-14	birth (high-risk groups); years (before July 2005)
DTaPHiblF	V 2, 3, 4 months
DTaPIPV	3-5 years
НерВ	birth; 1, 2, 6 months; high-risk groups
Hib	2, 3, 4 months; high-risk groups or if multivalent vaccine contraindicated

Influenza ≥65 years; +annual boosters; high-risk groups

MenC_conj	2, 3, 4 months
su	3 months; 3-5 years; sceptibles identified antenatal screening
Pneumo_conj	2, 4, 6 months; high-risk groups
Pneumo_ps ≥75 yea	<2 years; ars; high-risk groups
Varicella	high-risk groups

United States of America

								2005
Births							4,10	65,000
Surviving infa	ants						4,13	38,000
Total populati	on						298,2	13,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				6
Under-five me	ortality ra	ate (per	1,000 liv	e births)				7
Gross nationa	•							41,950
Percentage of	routine	EPI vacc	ines fina	anced by	govern	ment		
0				,				
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1	99%	99%	99%	97%	97%	99%	96%	98%
DTP3	96%	96%	96%	94%	94%	94%	90%	96%
HepB3	92%	92%	92%	88%	89%	90%		
Hib3	94%	94%	94%	93%	93%	93%		
MCV	93%	93%	93%	91%	91%	91%	90%	86%
Pol3	92%	92%	91%	90%	90%	90%	85%	95%
TT2+ (PAB)								
District co	overag	e (as r	eportec	d)				
							2005	2004

		2005	2004
Number of districts in country			
Percentage of districts reporting			
	below 50%		
DTP3: proportion of districts with coverage	between 50-79%		
	at 80% or above		
MCV: proportion of districts with coverage a	t 90% or above		
DTP1-DTP3 drop-out rate: proportion of dist	ricts 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 in			

	5-18 months; 4-6 years ussis contraindicated)	НерВ	birth-2 months; 1-4, 6 months; high-risk adults
DTaP	2, 4, 6, 15-18 months;	Hib	2, 4, 6, 12-15 months
	4-6 years	MMR	12-15 months; 4-6 years
DTaPHepIPV to DTaP a	2, 4, 6, 15-18 months; option nd individual vaccines	Pneumo ₋	_conj 2, 4, 6, 12-15 months
DTaPHib	15-18 months; option to DTaP and Hib	Pneumo _. m	_ps ≥65 years; high-risk nedical conditions all ages
HepA 2-18	years; +6-18 months; high-risk adults	Td	11-18 years; +booster every 10 years

Uruguay

								2005
Births								57,000
Surviving in	fants							56,000
Total popula	tion						3,4	163,000
Infant morta	lity rate (p	er 1,000	live bir	ths)				14
Under-five m	nortality ra	ate (per	1,000 liv	e births)				15
Gross nation	nal income	per cap	oita (PPP	, US\$)				9,810
Percentage of	of routine	EPI vaco	ines fina	anced by	govern/	ment		100%
National	covera	ge ra	tes (W	HO/UN	ICEF es	stimates	s, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	99%	99%	99%	99%	99%	99%	99%	56%
DTP1	99%	98%	98%	99%	99%	92%	98%	77%
DTP3	96%	95%	91%	95%	94%	90%	97%	53%
HepB3	96%	94%	91%	95%	94%	92%		
Hib3	96%	94%	91%	95%	90%	88%		
MCV	95%	95%	95%	95%	94%	89%	97%	50%
Pol3	96%	95%	91%	95%	94%	92%	97%	59%
TT2+ (PAB)								

District coverage (as reported)

		2005	2004
Number of districts in country		279	279
Percentage of districts reporting		100%	100%
	below 50%	0%	0%
DTP3: proportion of districts with coverage	between 50-79%	0%	0%
	at 80% or above	100%	100%
MCV: proportion of districts with coverage at	t 90% or above	98%	100%
DTP1-DTP3 drop-out rate: proportion of distribute achieved a rate of less than 10%	ricts that	100%	100%
Supply: any vaccine supply interruption?			
Safety: proportion of districts supplied with sof autodisable (AD) syringes for all routine in			

BCG	birth
DT	2, 4, 6, 12 months; high-risk groups
DTwP	5 years
DTwPHibH	lep 2, 4, 6, 12 months
НерА	1st contact; +6 months; high-risk groups
HepB	12 years; +1, +6 months
Hib	2, 4, 6, 12 months; immunocompromised

Influenza	6-23 months; >65 years
IPV	2, 4, 6, 12 months; immunocompromised
Measles	health-care workers
MMR	12 months; 5 years
OPV	2, 4, 6, 12 months
Td	12 years; +booster every 10 years
Varicella	12 months
Yellow feve	er travellers

2005

									2005
	Births							6	15,000
Surviving infants							58	80,000	
Total population							26,59	93,000	
	Infant mortal	lity rate (p	er 1,000	live birt	hs)				57
	Under-five m	ortality ra	te (per	1,000 live	birth	s)			68
	Gross nation	al income	per cap	oita (PPP,	US\$).				2,020
	Percentage of	of routine l	EPI vacc	ines fina	nced b	y govern	ment		64%
	National	covera	ge rat	tes (WI	HO/UI	VICEF es	timates	, 2005)	
		2005	2004	2003	2002	2001	2000	1990	1980
	BCG	93%	99%	98%	98%	98%	98%		
	DTP1	99%	99%	99%	98%	97%	97%		
	DTP3	99%	99%	98%	98%	97%	96%		
	HepB3	99%	99%	99%	92%	8%	5%		
	Hib3								
	MCV	99%	98%	99%	97%	99%	99%		
	Pol3	99%	99%	99%	99%	99%	96%		
	TT2+ (PAB)								
	Dietriet e	overse	0 /00 "	o vo o ut o d	`				
	District c	overag	e (as r	eported)				
	Number of d	intuinta in						2005	2004 199
	Number of d		,					199	
	Percentage of	of districts	reportir	ng		_		100%	100%
						below 50	0%		0%
	DTP3: propo	rtion of di	stricts w	ith cove	rage	between	50-79%		0%
						at 80% c	r above	100%	100%
	MCV: propor	tion of dis	tricts w	ith cover	age at	90% or a	bove	100%	100%
	DTP1-DTP3				of distr	icts that		1000/	4000/
	have achieve	ed a rate o	f less th	ian 10%				100%	100%
	Supply: any v	accine su	pply inte	erruption	?			Yes	No
	Safety: propo of autodisab							100%	100%
	Immuniz	ation s	chedu	ıle					
	BCG	3 days	; 7, 14 y	ears	MI	ИR	12 m	onths; 6	years
	DT		3, 16 mo					(subnat	
	(if pert	ussis con	traindica	ated)	Mι	imps		16 m	onths

Mumps OPV

Td

2, 3, 4, 16 months

birth; 2, 6 months

12 months; 6 years

DTwP

HepB

Measles

7 years

3 days; 2, 3, 4, 16 months;

7, 16, 26, 46 years

Vanuatu

								2005
Births								6,000
Surviving infants								6,000
Total populati	on						2	11,000
Infant mortali	ty rate (p	er 1,000	live birt	hs)				31
Under-five mo	ortality ra	ite (per	1,000 liv	e birth	s)			38
Gross nationa	l income	per cap	ita (PPP	US\$).				3,170
Percentage of	routine	EPI vacc	ines fina	nced l	y govern	ment		100%
National o	covera	ge ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	65%	64%	63%	77%	90%	99%	96%	
DTP1	75%	74%	73%	77%	97%	96%	91%	
DTP3	66%	58%	49%	54%	93%	90%	76%	
НерВ3	56%	56%	56%	54%	69%	75%		
Hib3								
MCV	70%	59%	48%	44%	94%	94%	66%	
Pol3	56%	55%	53%	53%	87%	87%	78%	
TT2+ (PAB)								
District co	Weran	A lac r	oportoc	17				
District CC	verag	C (as i	eportec	1)				
Number of dis	etricte in	country					2005 6	2004
Percentage of		,					100%	
r ercentage of	uistricts	reportii	ig			00/	,.	
					below 5		17%	
DTP3: proport	ion of di	stricts w	ith cove	rage		1 50-79%	67%	
					_at 80% c	or above	17%	
MCV: proporti	on of dis	stricts w	ith cove	rage at	90% or a	bove	0%	
DTP1-DTP3 d				of distr	icts that			
have achieved	l a rate c	of less th	an 10%					
Supply: any va	accine su	pply inte	erruption	?			Yes	No
Safety: propo of autodisable							100%	100%
lmmuniza	tion s	chedu	lle					
BCG			birth	Ma	easles		9 m	onths
DT			ears	OF		i, 10, 14 v	•	
DTwP	6.	10, 14 w		TT		1st conta	,	•
НерВ	,	10, 14 w		'		+4 week	s; +6 m	nths;
•	- /						+1, +1	year

Venezuela, Bolivarian Republic of

								2005
Births							5	93,000
Surviving infants								83,000
Total population								49,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				18
Under-five me	ortality ra	ate (per	1,000 liv	e births	s)			21
Gross nationa	al income	per cap	oita (PPP	US\$)				6,440
Percentage of	routine	EPI vacc	ines fina	anced b	y govern	ment		100%
National o	covera	ge ra	tes (W	HO/UN	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	95%	97%	91%	90%	93%	99%	82%	72%
DTP1	98%	99%	85%	85%	85%	92%	84%	79%
DTP3	87%	86%	68%	65%	70%	77%	63%	56%
HepB3	88%	82%	75%	60%	54%	5%		
Hib3	87%	61%	54%	56%	30%	2%		
MCV	76%	80%	83%	83%	98%	84%	61%	50%
Pol3	81%	83%	86%	81%	87%	86%	72%	95%
TT2+ (PAB)								
District co	verag	e (as r	eportec	l)				
Number of di	atriata in	oountri.					2005	2004 365
		,					366	
Percentage of	districts	reportir	ng	_			100%	100%
					below 5	- / -	3%	6%
DTP3: propor	tion of di	stricts w	ith cove	rage	betweer	1 50-79%	23%	27%
					at 80% o	or above	74%	67%
MCV: proport				•		bove	40%	42%
DTP1-DTP3 d have achieved				of distri	cts that		60%	40%
Supply: any v		,						
Safety: propo of autodisable								

BCG	birth	OPV	birth; 2, 4, 6 months
DTwP	18 months	TT/Td	CBAW and 1st contact
DTwPHibHep	2, 4, 6 months		pregnancy; +2 months; +1, +2, +3 years
НерВ	birth; 1, 6 months	Yellow feve	
MMR	1 year		

Viet Nam

Births							02,000 38,000	
Under-five mo								16 19
Gross nationa	•							3,010
Percentage of								70%
National o	overa	ge rat	tes (W	HO/UN	ICEF es	timates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	95%	96%	97%	97%	97%	98%	90%	
DTP1	94%	92%	99%	85%	99%	97%	96%	
DTP3	95%	96%	99%	75%	96%	96%	88%	
HepB3	94%	94%	78%					
Hib3								
MCV	95%	97%	93%	96%	98%	97%	88%	
Pol3	94%	96%	96%	92%	96%	96%	88%	
TT2+ (PAB)		85%	85%	79%	79%	79%		
District coverage (as reported)								
District co	verag	e (as re	eportec					
			eportec)			2005	2004
Number of dis	stricts in	country)			669	667
	stricts in	country					669 98%	667 100%
Number of dis Percentage of	stricts in districts	country reportir	ng		below 50		669 98% 1%	667 100% 1%
Number of dis	stricts in districts	country reportir	ng	rage	between	50-79%	669 98% 1% 2%	667 100% 1% 3%
Number of dis Percentage of	stricts in districts	country reportir	ng	rage		50-79%	669 98% 1%	667 100% 1%
Number of dis Percentage of	stricts in districts	country reportir stricts w	ng vith cove	rage	between at 80% o	50-79% or above	669 98% 1% 2%	667 100% 1% 3%
Number of dis Percentage of DTP3: proport	stricts in districts ion of di on of dis	country reportin stricts w stricts wi ate: proj	ng rith cove ith cover	rage rage at 9	between at 80% o	50-79% or above	669 98% 1% 2% 96%	667 100% 1% 3% 97%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1-DTP3 dr	stricts in districts ion of di on of dis rop-out r	country reportir stricts w stricts wi ate: pro f less th	ng vith cover ith cover portion of an 10%	rage rage at 9	between at 80% o	50-79% or above	669 98% 1% 2% 96% 94%	667 100% 1% 3% 97% 94%
Number of dis Percentage of DTP3: proport MCV: proporti DTP1–DTP3 dr have achieved	stricts in districts ion of districts on of districts on of district on or other transfer on other transfer on other surtion of other surtices.	country reportir stricts w stricts wi ate: prop f less th pply inte	ng ith cove ith cove portion o an 10% erruption	rage at sof district?	between at 80% o 90% or a cts that	50-79% or above bove	669 98% 1% 2% 96% 94%	667 100% 1% 3% 97% 94%
Number of dis Percentage of DTP3: proporti MCV: proporti DTP1–DTP3 dr have achieved Supply: any va Safety: propor	stricts in districts ion of di on of dis rop-out r l a rate o accine su tion of c (AD) sy	country reportir stricts w stricts wi ate: prol f less th pply inte listricts s ringes fo	rith cover tith cover portion of an 10% erruption supplied or all rou	rage at sof district?	between at 80% o 90% or a cts that	50-79% or above bove	669 98% 1% 2% 96% 94% 100%	667 100% 1% 3% 97% 94% 97%
Number of dis Percentage of DTP3: proporti MCV: proporti DTP1–DTP3 dr have achieved Supply: any va Safety: propor of autodisable	stricts in districts ion of di on of dis rop-out r l a rate o accine su tion of c (AD) sy	country reportir stricts wi ate: prol f less th pply inte listricts s ringes fo	rith cover tith cover portion of an 10% erruption supplied or all rou	rage at sof district?	between at 80% o 90% or a cts that ufficient r munizati	50-79% or above bove number ons	669 98% 1% 2% 96% 94% 100%	667 100% 1% 3% 97% 94% 97% No
Number of dis Percentage of DTP3: proporti MCV: proporti DTP1–DTP3 dr have achieved Supply: any va Safety: propor of autodisable	stricts in districts ion of districts on of districts on of district on or district on of certain o	country reportir stricts wi ate: prol f less th pply inte listricts s ringes fo	rith cover ith cover portion of an 10% erruption supplied or all rou	rage at soft districtions of the second seco	between at 80% co 90% or a cts that ufficient r munizati	50-79% or above bove number ons	669 98% 1% 2% 96% 94% 100% No 100%	667 100% 1% 3% 97% 94% 97% No 100%
Number of dis Percentage of DTP3: proporti MCV: proporti DTP1-DTP3 dr have achieved Supply: any va Safety: propor of autodisable Immuniza BCG	stricts in districts ion of districts on of districts on of district on or of control of	country reportir stricts w stricts wi ate: proj f less th pply inte listricts s ringes fo	rith cover ith cover portion of an 10% erruption supplied or all route lie	rage at 9 of district ? with suntine im	between at 80% o 90% or a cts that afficient r munizati	50-79% or above bove number ons	669 98% 1% 2% 96% 94% 100% No 100%	667 100% 1% 3% 97% 94% 97% No 100%

9 months

Measles

								2005
Births							45,000	
Surviving infants							7	91,000
Total populati	on						20,9	75,000
Infant mortali	ty rate (p	er 1,000	live bir	ths)				76
Under-five me	ortality ra	ate (per	1,000 liv	e birth	s)			102
Gross nationa	al income	per cap	oita (PPP	, US\$).				920
Percentage of	routine	EPI vaco	ines fina	anced l	oy govern	ment		13%
National	covera	ige ra	tes (W	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	66%	63%	67%	74%	73%	82%	95%	9%
DTP1	99%	92%	81%	87%	91%	91%	94%	18%
DTP3	86%	78%	66%	69%	76%	76%	84%	1%
HepB3	86%	49%	42%	34%	21%	15%		
Hib3	57%							
MCV	76%	76%	66%	65%	79%	71%	69%	2%
Pol3	87%	78%	66%	69%	76%	76%	84%	1%
TT2+ (PAB)	24%	21%	31%	39%	33%	31%		
District co	verag	e (as r	eported	d)				
							2005	2004
Number of di	stricts in	country					333	332
Percentage of	districts	reporti	ng				99%	100%
					below 5	0%	14%	16%
DTP3: propor	tion of di	stricts v	vith cove	erage	betweer	1 50-79%	29%	39%
					at 80% o	or above	57%	45%
MCV: proport	ion of dis	stricts w	ith cove	rage at	: 90% or a	bove	27%	28%
DTP1-DTP3 d have achieved				of distr	ricts that		30%	37%
Supply: any va	accine su	pply inte	erruption	1?			No	Yes
Safety: propo of autodisable							100%	100%

BCG	birth
DT	1 year (subnational)
DTwP	6, 10, 14 weeks
DTwPHibHep	6, 10, 14 weeks
Measles	9, 18 months

OPV birth; 6, 10, 14 weeks
TT 1st contact pregnancy;
+1, +6 months; +1, +1 year
Vitamin A 9, 18 months

Zambia

Surviving infants 429,0 Total population 11,668,0 Infant mortality rate (per 1,000 live births) 1 Under-five mortality rate (per 1,000 live births) 1 Gross national income per capita (PPP, US\$) 9								72,000 29,000 68,000 102 182 950 10%
National coverage rates (WHO/UNICEF estimates, 2005)								
BCG DTP1 DTP3 HepB3 Hib3 MCV Pol3 TT2+ (PAB)	2005 94% 94% 80% 80% 80% 84% 80% 98%	2004 94% 94% 80% 80% 84% 80%	2003 94% 94% 80% 84% 80%	2002 94% 94% 80% 84% 80%	2001 94% 94% 80% 84% 80%	2000 92% 93% 78% 85% 79%	1990 97% 97% 91% 90% 90%	1980
District coverage (as reported)								
Number of districts in country Percentage of districts reporting DTP3: proportion of districts with coverage below 50% at 80% 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 72 below 50% 38 between 50-79% 25% at 80% or above 26% 72% Yes Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations								2004 72 100% 0% 6% 94% 67% No
Immunization schedule								
BCG birth OPV birth; 6, 10, 14 weeks DTPHibHep 6, 10, 14 weeks 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								

Births								
Percentage of					, 0		2005)	1%
National o	covera	ge ra	tes (w	HO/U	NICEF es	stimates	, 2005)	
	2005	2004	2003	2002	2001	2000	1990	1980
BCG	98%	95%	92%	80%	80%	82%	91%	
DTP1	95%	90%	85%	91%	91%	90%	96%	
DTP3	90%	85%	80%	75%	75%	77%	88%	
HepB3	90%	85%	80%	75%	75%	77%		
Hib3								
MCV	85%	80%	80%	60%	68%	70%	87%	
Pol3	90%	85%	80%	75%	75%	70%	89%	
TT2+ (PAB)		70%	60%	60%	60%	60%		
District co	verag	e (as r	eportec	l)				
2005 2004							2004	
Number of dis	stricts in	country					61	61
Percentage of	districts	reportir	ng				100%	100%
					below 5	0%	2%	5%
DTP3: proport	tion of di	stricts w	ith cove	rage	betweer	n 50-79%	23%	41%
					at 80% (or above	75%	54%
MCV: proportion of districts with coverage at 90% or above							34%	20%
DTP1-DTP3 d				of distr	icts that			
have achieved	d a rate c	of less th	ian 10%				31%	21%
Supply: any va	accine su	pply inte	erruption	?			Yes	No
Safety: proportion of districts supplied with sufficient number of autodisable (AD) syringes for all routine immunizations						100%	100%	

Immunization schedule

BCG	birth	OPV	3, 4, 5, 18 months; 5 years
DT	5 years	TT	CBAW and 1st contact
DTwP	3, 4, 5, 18 months		pregnancy; +6 months; +1, +1, +5 years
НерВ	3, 4, 5 months	Vitamin	
Measles	9 months		36 months

APPENDIX

Additional vaccines reported in national and territorial immunization schedules

Country	Schedule
Bahrain	
Influenza	elderly and high-risk groups (subnational)
Pneumo_conj	2, 4, 6 months; high-risk groups (subnational)
Pneumo_ps	>2 years; elderly and high-risk groups >2 years (subnational)
Rabies	post-exposure (subnational)
ТТ	1st visit; +6 weeks; +6 months; +1, +1 year; pregnant women
Typhoid	travellers (subnational)
Varicella	high-risk groups (subnational)
Brazil	
MenC_conj	2, 4, 6 months; high-risk groups
Pneumo_conj	>2 years; +5 years (high-risk groups)
Pneumo_ps	>2 years; +5 years (high-risk groups)
Typhoid	>6, +3 years; during high risk
Varicella	>12 months; high-risk groups
Cyprus	
DT	2, 4, 6, 15-20 months; 4-6 years (if pertussis contraindicated)
DTaPHepIPV	2, 4 months (private sector only)
DTaPHib	2, 4 months (private sector only)
DTPHiblPV	2, 4, 6, 15-20 months (private sector only)
Influenza	≥6 months; high-risk groups, adults over 65 years
MenAC	≥2 years (high-risk groups, soldiers)
MenC_conj	4, 6 months (universal in private sector; only high-risk groups in public sector)
Pneumo_conj	2, 4, 6, 12-15 months (universal in private sector; only high-risk groups in public sector)
Pneumo_ps	2 years (only high-risk groups)
Typhoid	travellers to high-risk areas
Varicella	13-18 months (universal in private sector; only high-risk groups in public sector)
Estonia	
Hib	3, 4.5 months; 1 year; 12 years (subnational, if pertussus contraindicated)
Rabies	birth; 3, 7, 14, 30, 90 days; post-exposure

Country	Schedule
Germany	
MenC_conj	2, 3, 4, 11-14 months, catch-up up to 18 years (subnational); high-risk groups (national)
Tick-borne encephalitis	high-risk groups
Iraq	
Influenza	high-risk groups
MenAC	high-risk groups
MenACWY	high-risk groups
Pneumo_ps	high-risk groups
Typhoid	high-risk groups
Rabies	post-exposure
Israel	
Tick-borne encephalitis	travellers
Typhoid	travellers
Italy	
НерА	2 doses (2nd dose 30 days after 1st) recommended for travellers
НерВ	3, 5, 11-12 months; recommended for high-risk groups
Hib	3, 5, 11-12 months
Influenza	recommended for high-risk groups
IPV	3, 5, 11-12 months; 5-6 years
Measles	12-15 months; 5-12 years
MenC_conj	3, 5, 11-12 months; high-risk groups
MM	12-15 months, 5-12 years (recommended)
MMR	12-15 months, 5-12 years (recommended)
MR	12-15 months, 5-12 years (recommended)
Mumps	12-15 months, 5-12 years (recommended)
Pa	3, 5, 11-12 months; 5-6 years
Pneumo_conj	3, 5, 11-12 months; high-risk groups
Pneumo_ps	high-risk groups
Rubella	recommended for women
Td	11-15 years
Varicella	high-risk groups
Jamaica	
Yellow fever	>1 year; travellers
Jordan	
Influenza	>6 months; high-risk groups
Typhoid	high-risk groups
Yellow fever	high-risk groups

Kuwait Yellow fever	travellers
Yellow fever	travellers
Oman	
Influenza	high-risk groups
Rabies	post-exposure
Qatar	
Influenza	high-risk groups (subnational)
IPV	high-risk groups (subnational)
Pneumo_ps	high-risk groups
Rabies	0, 3, 7, 14, 28 days; post-exposure (subnational)
Rubella	11-13 years (females only, subnational)
Typhoid	high-risk groups (subnational)
Varicella	12 months
Romania	
Influenza	high-risk groups
Russian Federation	
IPV	3, 4.5, 6, 18, 20 months; 14 years; private sector and high-risk children
Pneumo_ps	high-risk groups
Rubella	12 months; 6, 13 years
Typhoid	high-risk groups
Slovenia	
Influenza	high-risk groups (subnational)
Pneumo_ps	high-risk groups (subnational)
Typhoid	high-risk groups (subnational)
Varicella	high-risk groups (subnational)
United States of Ame	rica
	6-23 months (high-risk groups; first-time vaccinees); 24 months-49 years; ≥50 years; +annual boosters
IPV	2, 4, 6, 12-15 months

12-18 months; susceptible adults

Varicella

GLOSSARY OF ACRONYMS

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

BCG	bacille Calmette-Guérin (vaccine against tuberculosis)
CBAW	childbearing-aged women; refers to ages 15-45 unless otherwise noted
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
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
GNI	gross national income (US\$)
НерА	hepatitis A vaccine
НерВ	hepatitis B vaccine
HepB3	third dose of hepatitis B vaccine
Hib	Haemophilus influenzae type b vaccine
Hib3	third dose of Haemophilus influenzae type b vaccine
IPV	inactivated polio vaccine
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
MM	measles and mumps vaccine
MMR	measles-mumps-rubella vaccine
MR	measles and rubella vaccine
OPV	oral polio vaccine
Pa	acellular pertussis vaccine
PAB	protected at birth
Pneumo_conj	pneumococcal conjugate vaccine

Glossary of Acronyms, continued from page 199

Pneumo_ps	pneumococcal polysaccharide vaccine
Pol3	third dose of polio vaccine
PPP	purchasing power parity
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
WHO	World Health Organization
YF	yellow fever vaccine

GLOSSAIRE ET INDICATEURS

GLOSSAIRE D'ACRONYMES

Note: Les acronymes composés désignent des combinaisons de vaccins, par exemple « DTCHibHepVPI » désigne la combinaison des vaccins DTC, Hib, HepB et VPI.

BCG	Bacille Calmette-Guérin (vaccin antituberculeux)
CBAW	Femmes en âge de procréer; femmes de 15 à 45 ans, à moins d'indication contraire
Dip	Vaccin anti-toxoïde diphthérique
DT	Diphthérie-tétanos
DTaP	Vaccin antidiphthérique-antitétanique-anticoquelucheux acellulaire
DTP	Vaccin antidiphthérique-antitétanique-anticoquelucheux (DTC)
DTP1	Première dose du vaccin antidiphthérique-antitétanique- anticoquelucheux (DTC1)
DTP3	Troisième dose du vaccin antidiphthérique-antitétanique- anticoquelucheux (DTC3)
DTwP	Vaccin antidiphthérique-antitétanique-anticoquelucheux à cellules entières
EPI	Programme élargi de vaccination (PEV)
GNI	Revenu national brut (dollars US) (RNB)
НерА	Vaccin antihépatite A
НерВ	Vaccin antihépatite B
HepB3	Troisième dose du vaccin antihépatite B
Hib	Vaccin pour <i>Haemophilus influenzae</i> de type b
Hib3	Troisième dose du vaccin pour Haemophilus influenzae de type b
IPV	Vaccin antipoliomyéllitique inactivé (VAI)
JE	Encéphalite japonaise (EJ)
MCV	Vaccin contenant la rougeole
MenAC	Vaccin contre la méningite à méningocoques; vaccin bivalent protégeant contre les méningites des sérogroupes A et C
MenACWY	Vaccin contre les méningites à méningocoques ACWY; vaccin quadrivalent protégeant contre les méningites des sérogroupes A, C, Y et W-135
MenC_conj	Vaccin conjugué contre la méningite à méningocoques C
MM	Vaccin antirougeoleux-antiourlien
MMR	Vaccin antirougeoleux-antiourlien-antirubéoleux
MR	Vaccin antirougeoleux-antirubéoleux
OPV	Vaccin polio oral (VPO)
Pa	Vaccin anticoquelucheux acellulaire
PAB	Protégé à la naissance
Pneumo coni	Vaccin antipneumococcique conjugué
Pneumo_ps	Vaccin antipneumococcique à polysaccharides
Pol3	Troisième dose du vaccin antipoliomyéllitique
PPP	Parité de pouvoir d'achat (PPA)
Pw	Vaccin anticoquelucheux à cellules entières
Td	Toxoïde tétanique avec quantité réduite de toxoïde diphthérique
TT	Vaccin Toxoïde tétanique
TT2+	Second dose et doses suivantes du vaccin toxoïde tétanique
UNICEF	Fonds des Nations Unies pour l'enfance
WHO	Organisation mondiale de la Santé (OMS)
YF	Fièvre jaune

								2005
Naissances.								
Enfants surv	ivants							
Population t	otale							
Taux de mor	talité infa	ntile (po	ur 1000	naissan	ces vivan	tes)		
Taux de mor	talité des	moins o	le cinq a	ns (pou	r 1000 na	issance	s vivante	es)
Revenu natio	onal brut p	oar habi	tant (PP	A, dollar	s US)			
Pourcentage	des vacci	ins de ro	outine du	ı PEV fir	nancé par	le gou	verneme	nt
Taux de d	couvert	ure na	itional	IX (esti	mations	2005	OMS/U	NICEF)
	2005	2004	2003	2002	2001	2000	1990	1980
BCG								
DTP1								
DTP3								
HepB3								
Hib3								
MCV								
Pol3								

Couverture par district (selon les chiffres communiqués)

2005 2004

Nombre de districts dans le pays

TT2+ (PAB)

Pourcentage des districts communicant des chiffres

inferéieure à 50%

entre 50 et 79%

à 80% ou au-dessus

DTP3: proportion des districts ayant une couverture

MCV : proportion des districts assurant une couverture de 90% ou plus DTP1–DTP3, taux d'abandon : proportion des districts ayant réalisé une

couverture de moins de 10%

Fournitures : cas d'interruption des fournitures de vaccins?

Sécurité : proportion des districts ayant reçu un nombre suffisant de seringues autobloquantes (AD) pour toutes les vaccinations de routine

Calendrier des vaccinations

(Une liste de vaccins différente est prévue pour chaque pays ou territoire)

GLOSARIO E INDICADORES

GLOSARIO DE SIGLAS

Nota: Las siglas compuestas indican una combinación de vacunas. "DTPHibHepIPV", por ejemplo, indica la combinación de las vacunas DTP, Hib, HepB y IPV.

BCG	bacilo Calmette-Guérin (vacuna antituberculosa)			
CBAW	mujeres en edad de procrear; se refiere a las edades de 15 a 45, a menos que se indique de otra forma			
Dip	vacuna anatoxina diftérica			
DT	anatoxina diftérica			
DTaP	vacuna contra la difteria, el tétanos y la tos ferina (acelular)			
DTP	vacuna triple (difteria, tétanos y tos ferina)			
DTP1	primera dosis de la vacuna contra la difteria, el tétanos y la tos ferina			
DTP3	tercera dosis de la vacuna contra la difteria y el tétanos con tos ferina			
DTwP	vacuna contra la difteria, el tétanos y la tos ferina (células enteras)			
EPI	Programa Ampliado de Inmunización (PAI)			
GNI	ingreso nacional bruto (US\$) (INB)			
HepA	vacuna contra la hepatitis A			
НерВ	vacuna contra la hepatitis B			
HepB3	tercera dosis de la vacuna contra la hepatitis B			
Hib	vacuna contra la <i>Haemophilus influenzae</i> tipo b			
Hib3	tercera dosis de la vacuna contra la <i>Haemophilus influenzae</i> tipo b			
IPV	vacuna antipoliomielítica inactivada			
JE	encefalitis japonesa (EJ)			
MCV	vacuna que contiene sarampión			
MenAC	vacuna contra meningococo AC; esta vacuna bivalente protege contra los serogrupos A y C de la meningitis			
MenACWY	vacuna contra meningococo ACWY; esta vacuna cuadrivalente protege contra los serogrupos A, C, Y y W-135 de la meningitis			
MenC_conj	vacuna conjugada contra meningococo C			
MM	vacuna contra el sarampión y la parotiditis (SP)			
MMR	vacuna combinada contra el sarampión, la parotiditis y la rubéola (SPR)			
MR	vacuna contra el sarampión y la rubéola (SR)			
OPV	vacuna antipoliomielítica oral			
Pa	vacuna contra la tos ferina (células enteras)			
PAB	protegido al nacer			
Pneumo_conj	vacuna conjugada antineumocócica			
Pneumo_ps	vacuna antineumocócica polisacárida			
Pol3	tercera dosis de la vacuna antipoliomielítica			
PPP	paridad de poder adquisitivo (PPA)			
Pw	vacuna contra la tos ferina (células enteras)			
Td	anatoxina tetánica con una cantidad reducida de anatoxina diftérica			
TT	vacuna anatoxina tetánica			
TT2+	segunda y sucesivas dosis de anatoxina tetánica			
UNICEF	Fondo de las Naciones Unidas para la Infancia			
WHO	Organización Mundial de la Salud (OMS)			
YF	vacuna contra la fiebre amarilla (FA)			
	• •			

Tasas nacionales de cobertura (estimados de OMS/UNICEF, 2005)

Porcentaje de las vacunas sistemáticas del PAI financiadas por el gobierno

2005 2004 2003 2002 2001 2000 1990 1980

BCG

DTP1

DTP3

HepB3

Hib3

MCV

Pol3

TT2+ (PAB)

Cobertura por distritos (según los informes)

2005 2004

Número de distritos en el país

Porcentaje de distritos que presentan informes

por debajo del 50% DTP3: proporción de distritos con una cobertura entre 50% y 79%

80% o superior

MCV: proporción de distritos con una cobertura del 90% o superior Tasa de abandono de la DTP1-DTP3: proporción de distritos que han alcanzado una tasa de menos del 10%

Suministros: ¿alguna interrupción de vacunas?

Seguridad: proporción de distritos abastecidos con la cantidad suficiente de jeringas autodesechables para todas las inmunizaciones sistemáticas

Calendario de inmunización

(Una lista de las diferentes vacunas por cada país o territorio)

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World Health Organization (WHO) 20 Avenue Appia CH-1211 Geneva 27, Switzerland info@who.int www.who.int Tel: +41-22-791-2111

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