

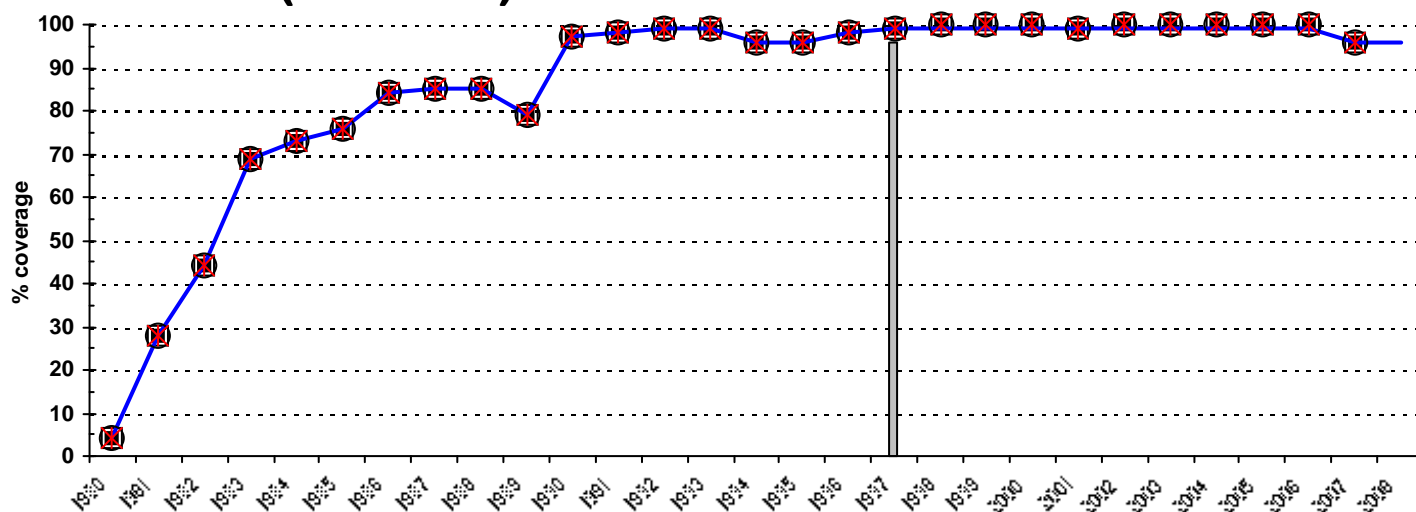
**WHO/UNICEF
Review of National Immunization Coverage
1980-2008**

Qatar

July, 2009

Qatar

BCG (1980-2008)



Description of trend

EPI Program began in 1979. A focus on preventative programs by the Ministry of Health (curative programs were taken care of by the hospitals) resulted in a rapid increase in coverage, from below 10% in 1980 to 79% in 1989. Estimated immunization coverage levels are based on reported data, supported by survey results.

Data presented in chart

Year	WHO/ UNICEF estimate (%)	Reported to:*		Government official estimate (%)	Reported doses administered (%)**	Survey data (%)***	
		WHO (%)	UNICEF (%)			Survey 12-23 months	Survey <12 months
1980	4	4	4	4	4		
1981	28	28	28	28	28		
1982	44	44	44	44	44		
1983	69	69	69	69	69		
1984	73	73	73	73	73		
1985	76	76	76	76	76		
1986	84	84	84	84	84		
1987	85	85	85	85	85		
1988	85	85	85	85	85		
1989	79	79	79	79	79		
1990	97	97	97	97	97		
1991	98	98	98	98	98		
1992	99	99	99	99	99		
1993	99	99	99	99	99		
1994	96	96	96	96	96		
1995	96	96	96	96	96		
1996	98	98	98	98	98		
1997	99	99	99	99	99	96	
1998	99	100	100	100	100		
1999	99	100	100	100	100		
2000	99	100	100	100	100		
2001	99	99	99	99	99		
2002	99	100	100	100	100		
2003	99	100	100	100	100		
2004	99	100	100	100	100		
2005	99	100	100	100	100		
2006	99	100	100	100	100		
2007	96	96	96	96	96		
2008	96						

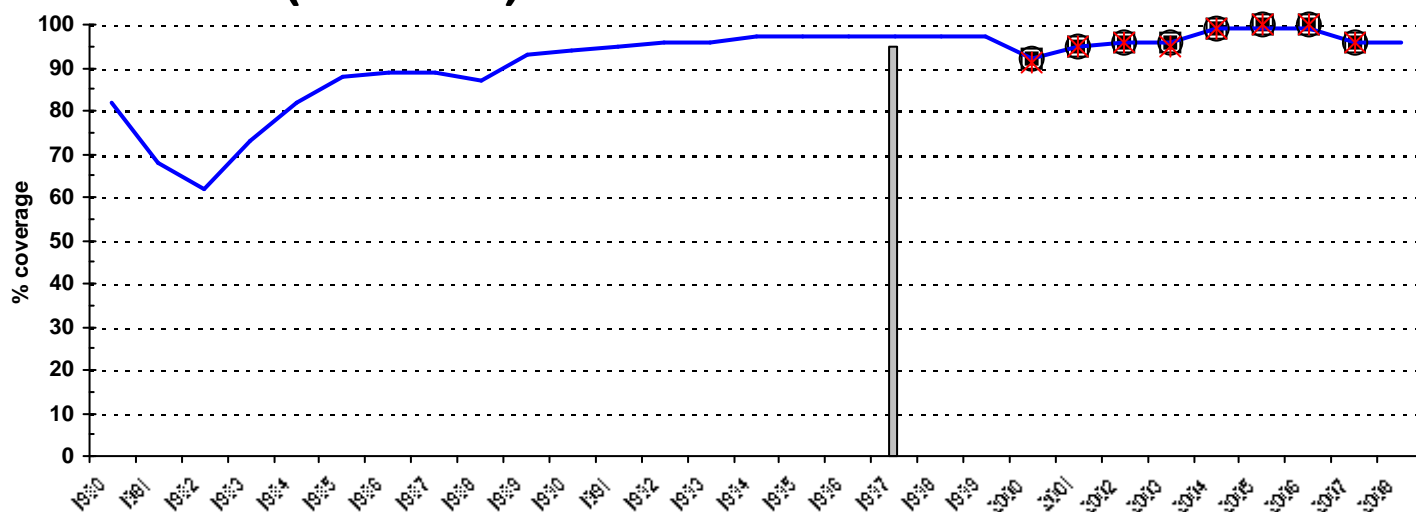
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**Coverage based on registration of doses administered by health care providers.

***In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

Qatar

DTP1 (1980-2008)



Description of trend

WHO and UNICEF began requesting data on DTP1 coverage in 2001 and have received national reports reflecting DTP1 coverage from 2001 onward. The DTP1 estimates from 2000 onward are based on these reports. For years prior to 2000 the estimates are derived from the WHO/UNICEF estimates of DTP3 and the relationship between the levels of DTP3 coverage and the drop-out between DTP1 and DTP3. This relationship results from an analysis of 282 surveys conducted in 101 countries which were published between 1980 and 2004.

Data presented in chart

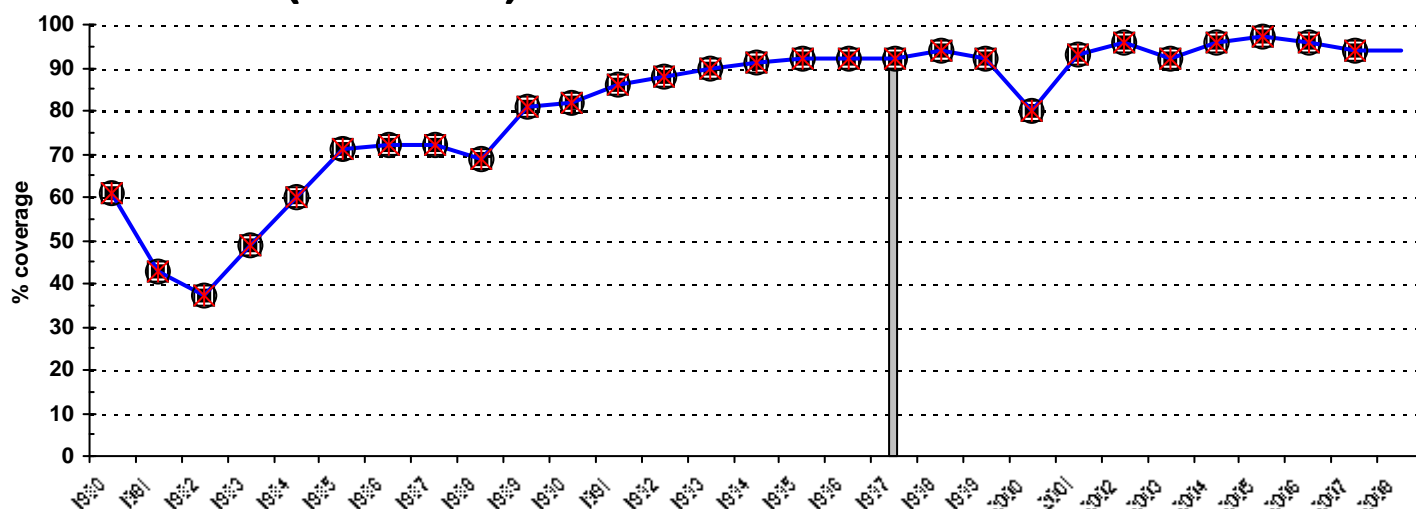
Year	WHO/ UNICEF estimate (%)	Reported to:*		Government official estimate (%)	Reported doses administered (%)**	Survey data (%)***	
		WHO (%)	UNICEF (%)			Survey 12-23 months	Survey <12 months
1980	82						
1981	68						
1982	62						
1983	73						
1984	82						
1985	88						
1986	89						
1987	89						
1988	87						
1989	93						
1990	94						
1991	95						
1992	96						
1993	96						
1994	97						
1995	97						
1996	97						
1997	97					95	
1998	97						
1999	97						
2000	92	92	92	92	91		
2001	95	95	95	95	95		
2002	96	96	96	96	96		
2003	96	96	96	96	95		
2004	99	99	99	99	99		
2005	99	100	100	100	100		
2006	99	100	100	100	100		
2007	96	96	96	96	96		
2008	96						

*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**Coverage based on registration of doses administered by health care providers.

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DTP3 (1980-2008)



Description of trend

EPI Program began in 1979. A focus on preventative programs by the Ministry of Health (curative programs were taken care of by the hospitals) resulted in a rapid increase in coverage, from below 10% in 1980 to 79% in 1989. Estimated immunization coverage levels are based on reported data, supported by survey results. Decline in 2000 confirmed by Ministry of Health.

Data presented in chart

Year	WHO/ UNICEF estimate (%) —	Reported to:*		Government official estimate (%) ○	Reported doses administered (%)** ✖	Survey data (%)***	
		WHO (%) □	UNICEF (%) ■			Survey 12-23 months 	Survey <12 months +
1980	61	61	61	61	61		
1981	43	43	43	43	43		
1982	37	37	37	37	37		
1983	49	49	49	49	49		
1984	60	60	60	60	60		
1985	71	71	71	71	71		
1986	72	72	72	72	72		
1987	72	72	72	72	72		
1988	69	69	69	69	69		
1989	81	81	81	81	81		
1990	82	82	82	82	82		
1991	86	86	86	86	86		
1992	88	88	88	88	88		
1993	90	90	90	90	90		
1994	91	91	91	91	91		
1995	92	92	92	92	92		
1996	92	92	92	92	92		
1997	92	92	92	92	92	90	
1998	94	94	94	94	94		
1999	92	92	92	92	92		
2000	80	80	80	80	80		
2001	93	93	93	93	93		
2002	96	96	96	96	96		
2003	92	92	92	92	92		
2004	96	96	96	96	96		
2005	97	97	97	97	97		
2006	96	96	96	96	96		
2007	94	94	94	94	94		
2008	94	94	94	94	94		

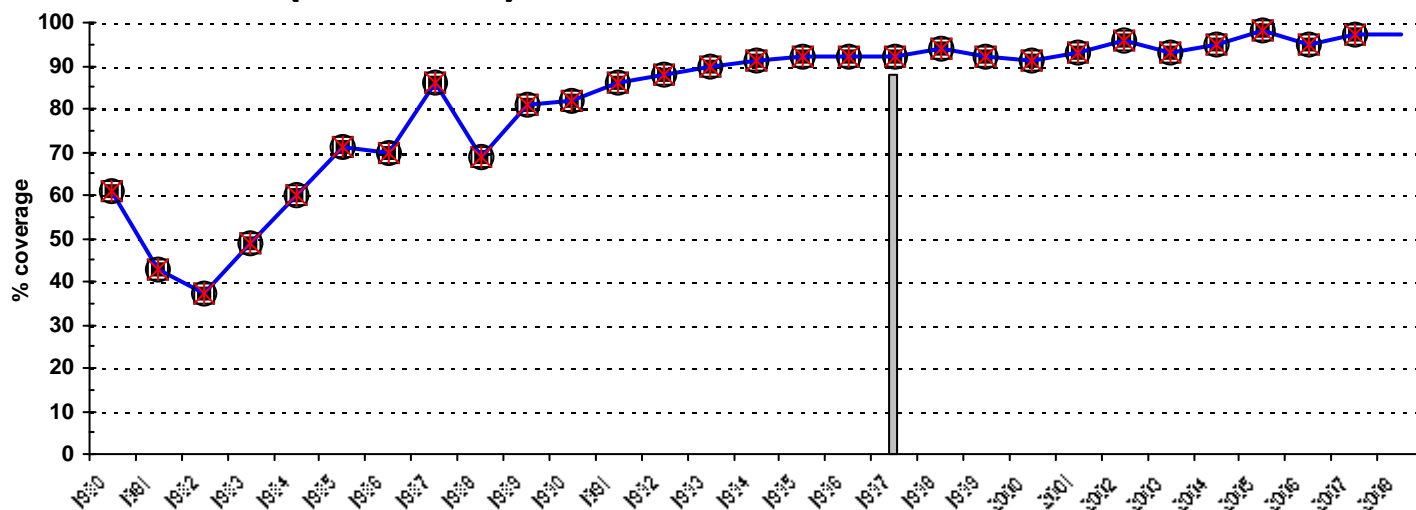
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**Coverage based on registration of doses administered by health care providers.

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Qatar

Pol3 (1980-2008)



Description of trend

EPI Program began in 1979. A focus on preventative programs by the Ministry of Health (curative programs were taken care of by the hospital) resulted in a rapid increase in coverage, from below 10% in 1980 to 79% in 1989.

Data presented in chart

Year	WHO/ UNICEF estimate (%) —	Reported to:*		Government official estimate (%) ○	Reported doses administered (%)** ✕	Survey data (%)***	
		WHO (%) □	UNICEF (%) ■			Survey 12-23 months 	Survey <12 months +
1980	61	61	61	61	61		
1981	43	43	43	43	43		
1982	37	37	37	37	37		
1983	49	49	49	49	49		
1984	60	60	60	60	60		
1985	71	71	71	71	71		
1986	70	70	70	70	70		
1987	86	86	86	86	86		
1988	69	69	69	69	69		
1989	81	81	81	81	81		
1990	82	82	82	82	82		
1991	86	86	86	86	86		
1992	88	88	88	88	88		
1993	90	90	90	90	90		
1994	91	91	91	91	91		
1995	92	92	92	92	92		
1996	92	92	92	92	92		
1997	92	92	92	92	92	88	
1998	94	94	94	94	94		
1999	92	92	92	92	92		
2000	91	91	91	91	91		
2001	93	93	93	93	93		
2002	96	96	96	96	96		
2003	93	93	93	93	93		
2004	95	95	95	95	95		
2005	98	98	98	98	98		
2006	95	95	95	95	95		
2007	97	97	97	97	97		
2008	97						

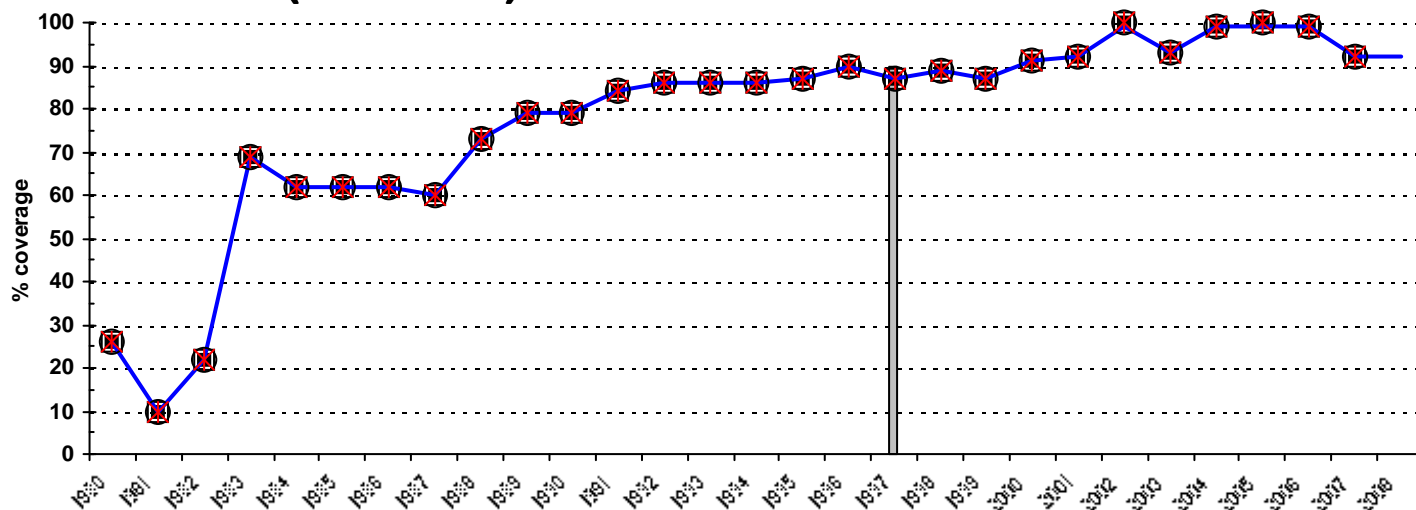
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**Coverage based on registration of doses administered by health care providers.

***In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

Qatar

MCV (1980-2008)



Description of trend

EPI Program began in 1979. A focus on preventative programs by the Ministry of Health (curative programs were taken care of by the hospitals) resulted in a rapid increase in coverage, from below 10% in 1980 to 79% in 1989.

Data presented in chart

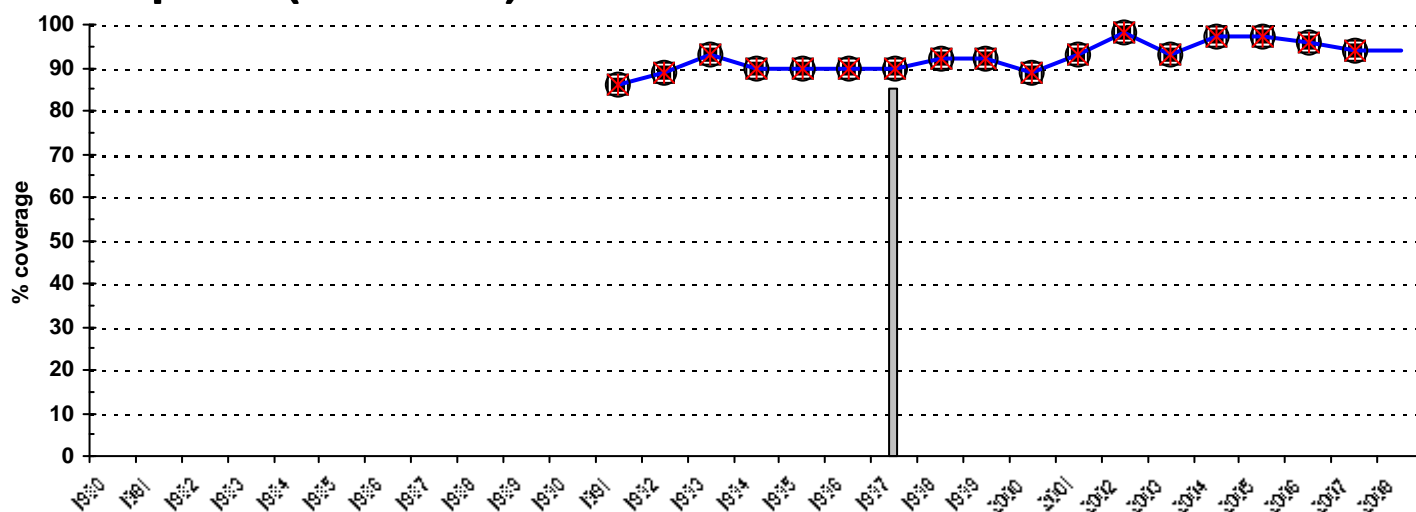
Year	WHO/ UNICEF estimate (%)	Reported to:*		Government official estimate (%)	Reported doses administered (%)**	Survey data (%)***	
		WHO (%)	UNICEF (%)			Survey 12-23 months	Survey <12 months
1980	26	26	26	26	26		
1981	10	10	10	10	10		
1982	22	22	22	22	22		
1983	69	69	69	69	69		
1984	62	62	62	62	62		
1985	62	62	62	62	62		
1986	62	62	62	62	62		
1987	60	60	60	60	60		
1988	73	73	73	73	73		
1989	79	79	79	79	79		
1990	79	79	79	79	79		
1991	84	84	84	84	84		
1992	86	86	86	86	86		
1993	86	86	86	86	86		
1994	86	86	86	86	86		
1995	87	87	87	87	87		
1996	90	90	90	90	90		
1997	87	87	87	87	87	90	
1998	89	89	89	89	89		
1999	87	87	87	87	87		
2000	91	91	91	91	91		
2001	92	92	92	92	92		
2002	99	100	100	100	100		
2003	93	93	93	93	93		
2004	99	99	99	99	99		
2005	99	100	100	100	100		
2006	99	99	99	99	99		
2007	92	92	92	92	92		
2008	92						

*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**Coverage based on registration of doses administered by health care providers.

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HepB3 (1980-2008)



Description of trend

Introduction of Hepatitis vaccine in 1991. Estimated immunization coverage levels are based on reported data, supported by survey results.

Data presented in chart

Year	WHO/ UNICEF estimate (%)	Reported to:*		Government official estimate (%)	Reported doses administered (%)**	Survey data (%)***	
		WHO (%)	UNICEF (%)			Survey 12-23 months	Survey <12 months
1980							
1981							
1982							
1983							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991	86	86	86	86	86		
1992	89	89	89	89	89		
1993	93	93	93	93	93		
1994	90	90	90	90	90		
1995	90	90	90	90	90		
1996	90	90	90	90	90		
1997	90	90	90	90	90	85	
1998	92	92	92	92	92		
1999	92	92	92	92	92		
2000	89	89	89	89	89		
2001	93	93	93	93	93		
2002	98	98	98	98	98		
2003	93	93	93	93	93		
2004	97	97	97	97	97		
2005	97	97	97	97	97		
2006	96	96	96	96	96		
2007	94	94	94	94	94		
2008	94						

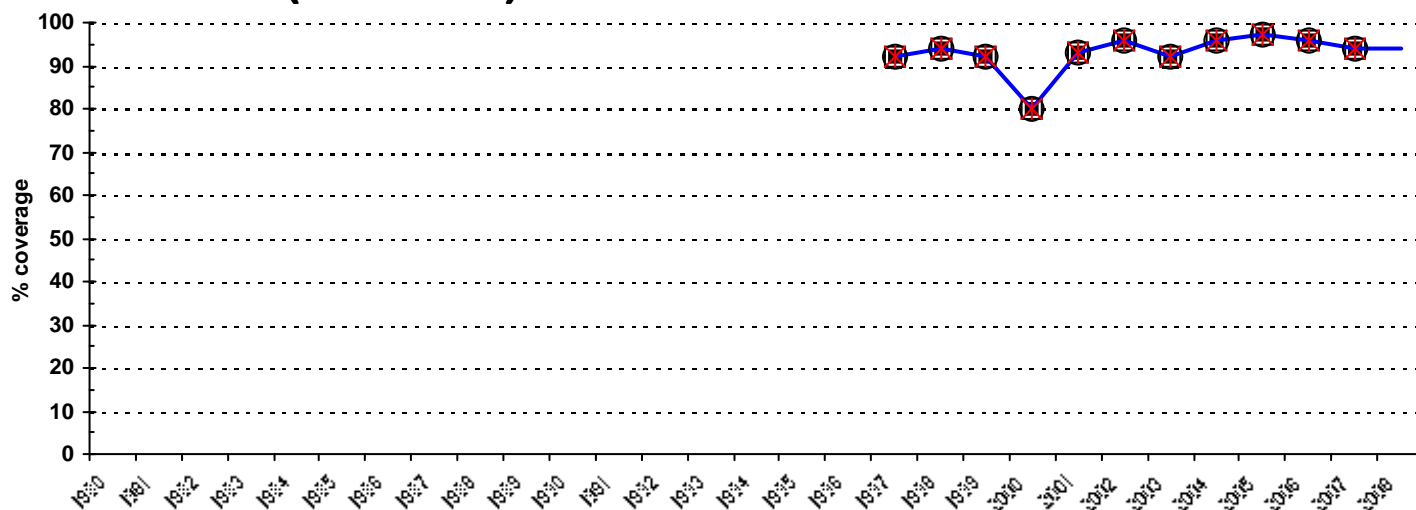
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**Coverage based on registration of doses administered by health care providers.

***In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

Qatar

Hib3 (1980-2008)



Description of trend

Introduction of Hib vaccine in 1996. Estimated immunization coverage levels are based on reported data. Decline in 2000 confirmed by Minis Health.

Data presented in chart

Year	WHO/ UNICEF estimate (%)	Reported to:*		Government official estimate (%)	Reported doses administered (%)**	Survey data (%)***	
		WHO (%)	UNICEF (%)			Survey 12-23 months	Survey <12 months
1980							
1981							
1982							
1983							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997	92	92	92	92	92		
1998	94	94	94	94	94		
1999	92	92	92	92	92		
2000	80	80	80	80	80		
2001	93	93	93	93	93		
2002	96	96	96	96	96		
2003	92	92	92	92	92		
2004	96	96	96	96	96		
2005	97	97	97	97	97		
2006	96	96	96	96	96		
2007	94	94	94	94	94		
2008	94						

*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**Coverage based on registration of doses administered by health care providers.

***In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

Qatar

Details Survey Data

Year Source

Antigen	Confirmation method	% coverage	Compliance with schedule	Age group	Sample size	% cards seen	Survey year	Comments
1997 Qatar Family Health Survey 1998, 2000								
BCG	Card or History	95.9		12-23 m	724	89.4	1998	
DTP1	Card or History	95.4		12-23 m	724	89.4	1998	
DTP3	Card or History	90.5		12-23 m	724	89.4	1998	
Pol3	Card or History	88.3		12-23 m	724	89.4	1998	
MCV	Card or History	89.8		12-23 m	724	89.4	1998	
HepB	Card or History	85.1		12-23 m	724	89.4	1998	

