

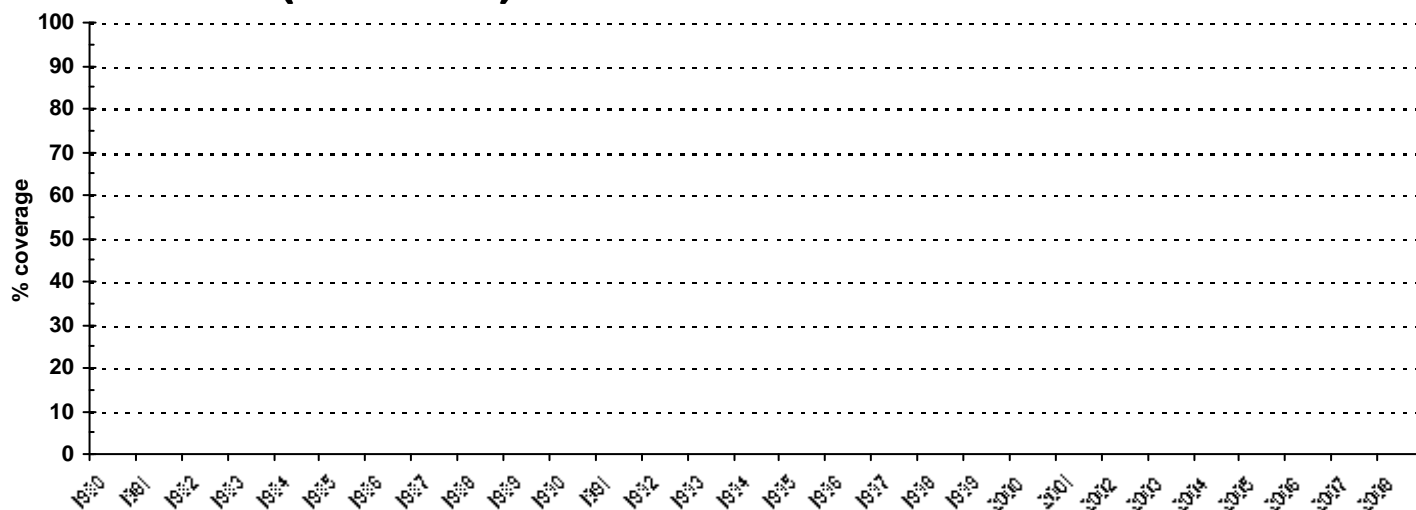
**WHO/UNICEF
Review of National Immunization Coverage
1980-2008**

Italy

July, 2009

Italy

BCG (1980-2008)



Description of trend

BCG at birth not recommended.

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							
1998							
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006							
2007							
2008							

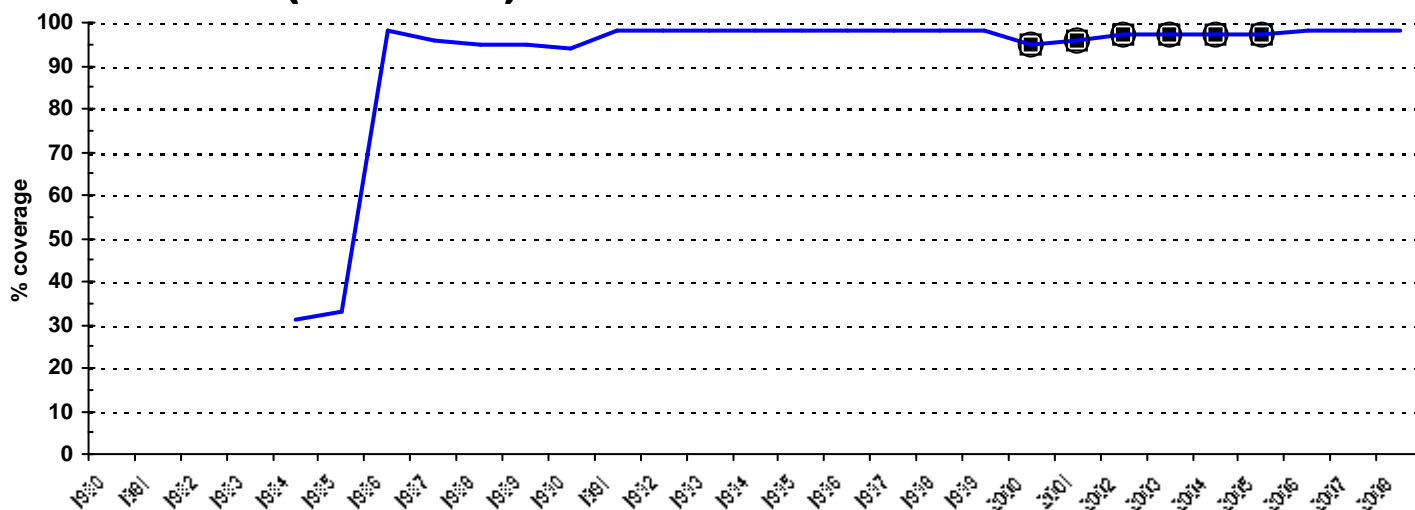
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Italy

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 for 2002. 2002 estimate is based on this report. For remaining years 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 21 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							
1981							
1982							
1983							
1984	31						
1985	33						
1986	98						
1987	96						
1988	95						
1989	95						
1990	94						
1991	98						
1992	98						
1993	98						
1994	98						
1995	98						
1996	98						
1997	98						
1998	98						
1999	98						
2000	95	95	95	95			
2001	96	96	96	96			
2002	97	97	97	97			
2003	97	97	97	97			
2004	97	97	97	97			
2005	97	97	97	97			
2006	98						
2007	98						
2008	98						

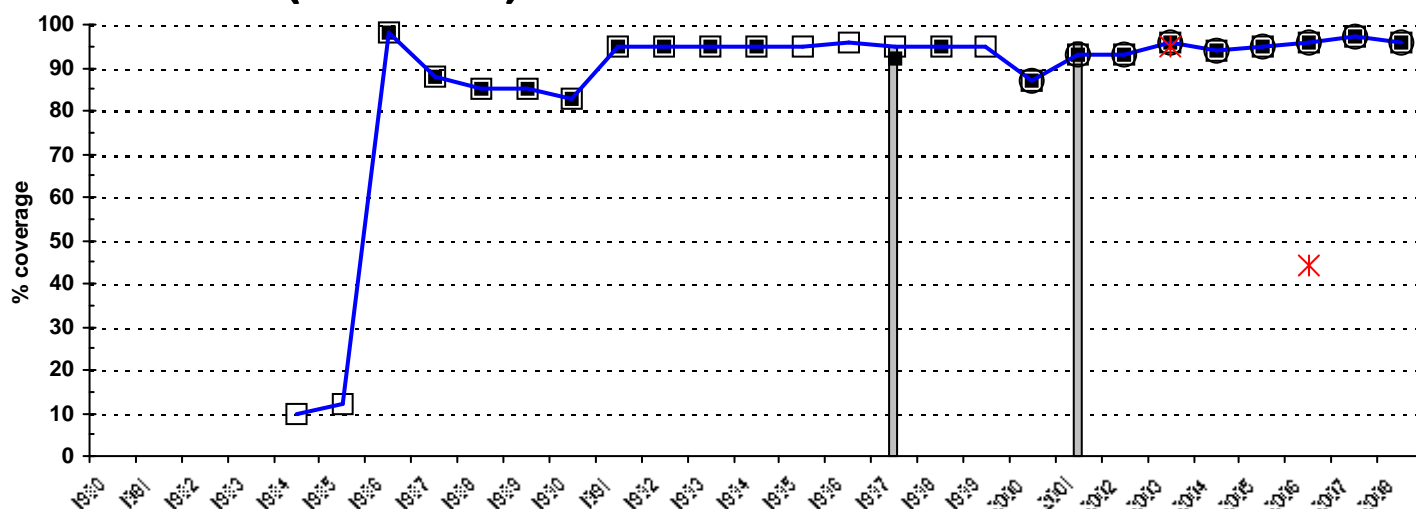
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Italy

DTP3 (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data. Officially reported data are supported by surveys (1998 and 2003). DT is mandatory, while pertussis vaccination is not, but the use of the hexavalent vaccines for the infants immunization has strongly supported the achievement of high coverage. DT coverage for is greater than 95% from 200 onward. Pertussis immunization coverage is approximately 40% 1990-1994; 96% in 2007-2008. Administrative data for 2008 is for 9 of 21 districts only.

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	10	10					
1985	12	12					
1986	98	98	98				
1987	88	88	88				
1988	85	85	85				
1989	85	85	85				
1990	83	83	83				
1991	95	95	95				
1992	95	95	95				
1993	95	95	95				
1994	95	95	95				
1995	95	95	95				
1996	96	96	96				
1997	95	95	92			95	
1998	95	95	95				
1999	95	95	95				
2000	87	87	87	87			
2001	93	93	93	93		96	
2002	93	93	93	93			
2003	96	96	96	96	95		
2004	94	94	94	94			
2005	95	95	95	95			
2006	96	96	96	96	44		
2007	97	97	97	97			
2008	96	96	96	96			

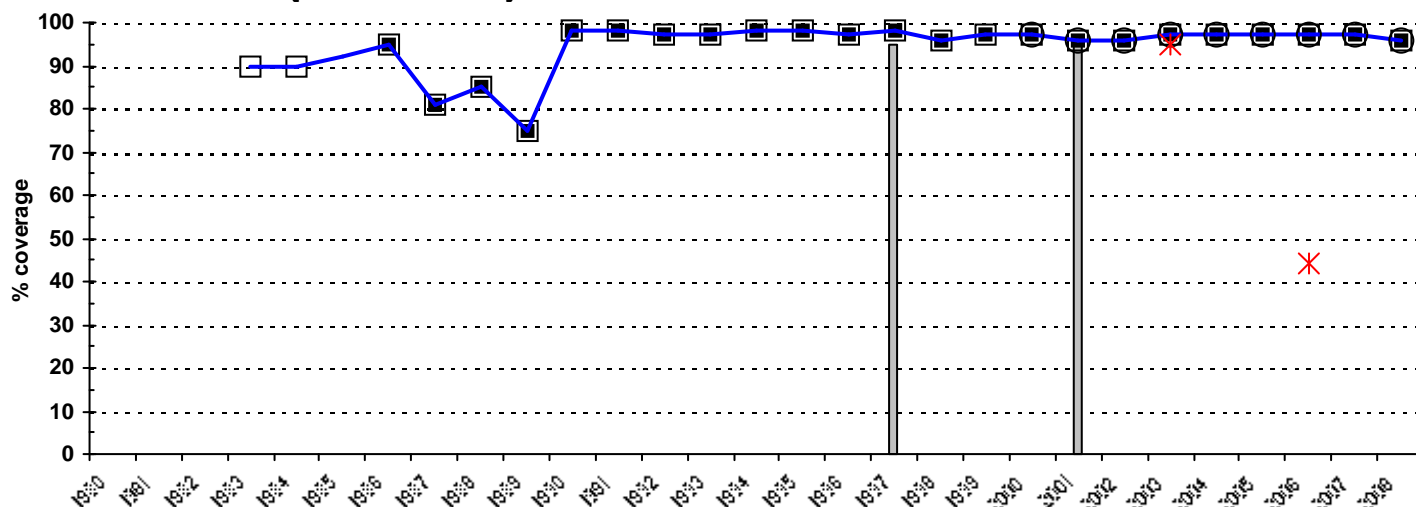
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Italy

Pol3 (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data. The high level of officially reported data in the 1990s are supported by surveys (1998 and 2008). Polio vaccination is mandatory. Administrative data for 2008 is for 9 of 21 districts only.

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	90	90					
1984	90	90					
1985	92						
1986	95	95	95				
1987	81	81	81				
1988	85	85	85				
1989	75	75	75				
1990	98	98	98				
1991	98	98	98				
1992	97	97	97				
1993	97	97	97				
1994	98	98	98				
1995	98	98	98				
1996	97	97	97				
1997	98	98	98			95	
1998	96	96	96				
1999	97	97	97				
2000	97	97	97	97			
2001	96	96	96	96		96	
2002	96	96	96	96			
2003	97	97	97	97	95		
2004	97	97	97	97			
2005	97	97	97	97			
2006	97	97	97	97	44		
2007	97	97	97	97			
2008	96	96	96	96			

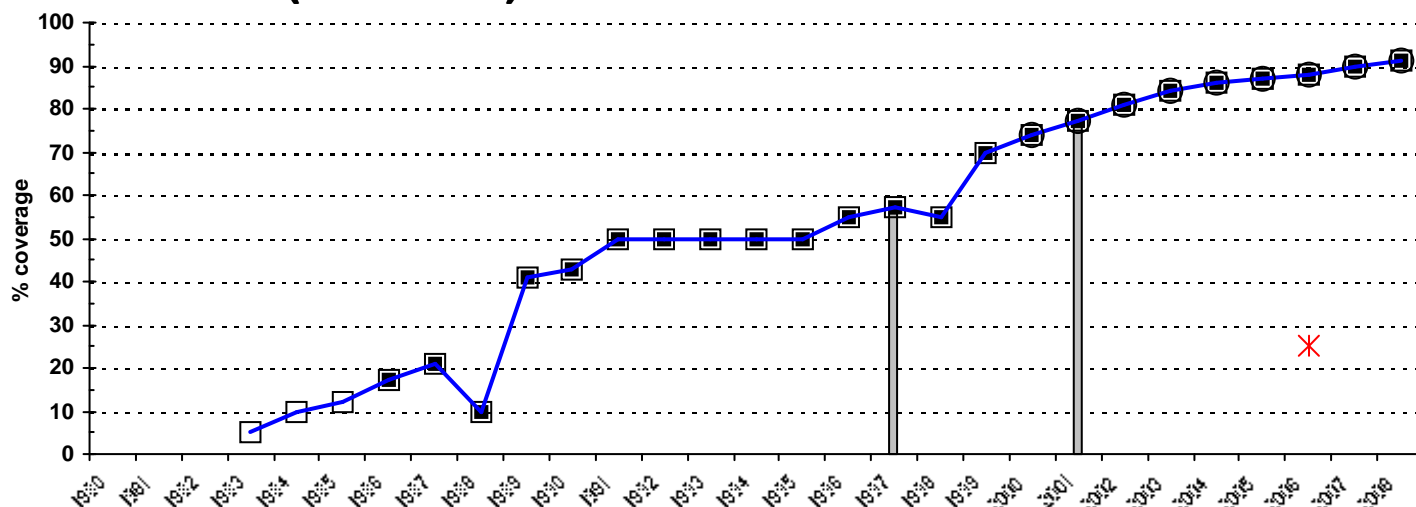
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Italy

MCV (1980-2008)



Description of trend

Mumps, Measles and Rubella vaccination is recommended. Estimated immunization coverage levels are based on reported data. The high level officially reported data are supported by surveys (1998 and 2003). Administrative data for 2008 is for 9 of 21 districts only.

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	5	5					
1984	10	10					
1985	12	12					
1986	17		17				
1987	21	21	21				
1988	10	10	10				
1989	41	41	41				
1990	43	43	43				
1991	50	50	50				
1992	50	50	50				
1993	50	50	50				
1994	50	50	50				
1995	50	50	50				
1996	55	55	55				
1997	57	57	57				
1998	55	55	55			56	
1999	70	70	70				
2000	74	74	74	74			
2001	77	77	77	77		77	
2002	81	81	81	81			
2003	84	84	84	84			
2004	86	86	86	86			
2005	87	87	87	87			
2006	88	88	88	88	25		
2007	90	90	90	90			
2008	91	91	91	91			

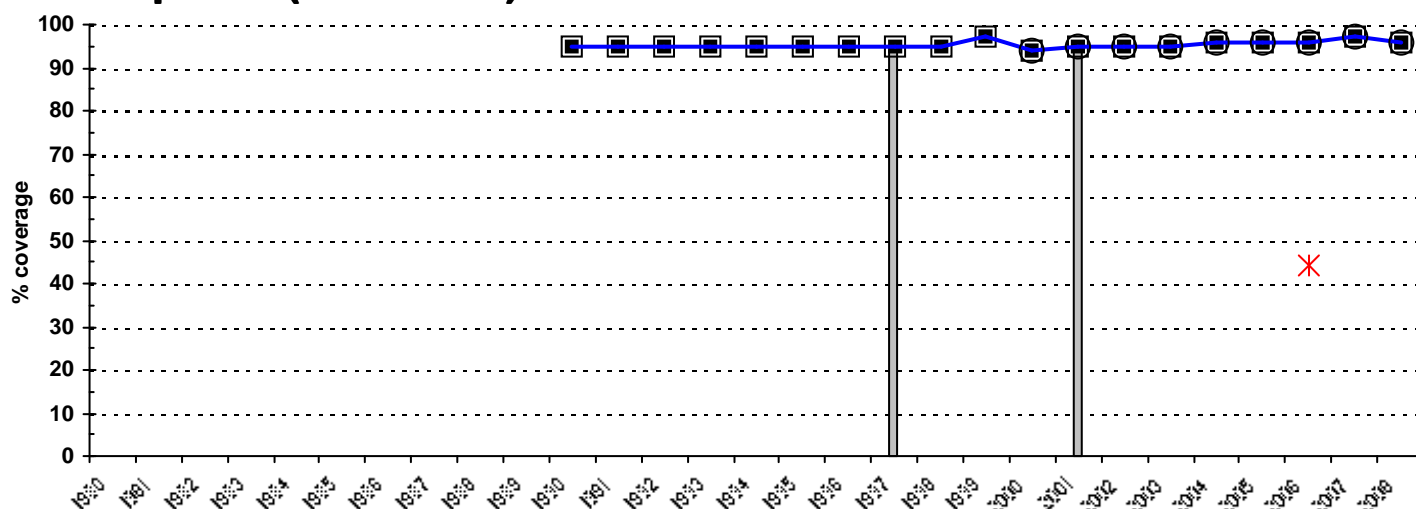
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Italy

HepB3 (1980-2008)



Description of trend

HepB was introduced in 1991 and is mandatory. Estimated immunization coverage levels are based on reported data. The high levels of official reported data in the 1990s are supported by surveys (1998 and 2003). Administrative data for 2008 is for 9 of 21 districts only.

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	95	95	95				
1991	95	95	95				
1992	95	95	95				
1993	95	95	95				
1994	95	95	95				
1995	95	95	95				
1996	95	95	95				
1997	95	95	95			94	
1998	95	95	95				
1999	97	97	97				
2000	94	94	94	94			
2001	95	95	95	95		96	
2002	95	95	95	95			
2003	95	95	95	95			
2004	96	96	96	96			
2005	96	96	96	96			
2006	96	96	96	96	44		
2007	97	97	97	97			
2008	96	96	96	96			

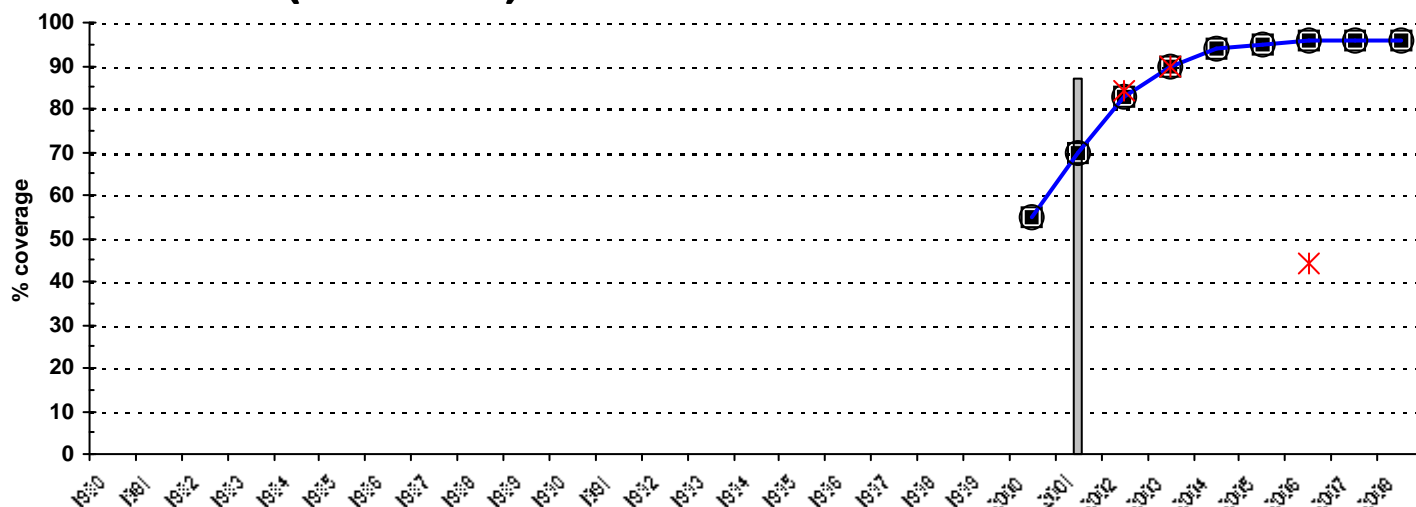
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Italy

Hib3 (1980-2008)



Description of trend

Hib vaccine was introduced in 1995 and is recommended. Estimated immunization coverage levels are based on reported data. The high level officially reported data are supported by surveys (1998 and 2003). The use of the hexavalent vaccines for infants' immunization has strongly supported the achievement of high coverage. Administrative data for 2008 is for 9 of 21 districts only.

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							
1998							
1999							
2000	55	55	55	55			
2001	70	70	70	70		87	
2002	83	83	83	83	84		
2003	90	90	90	90	90		
2004	94	94	94	94			
2005	95	95	95	95			
2006	96	96	96	96	44		
2007	96	96	96	96			
2008	96	96	96	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.

Italy

Details Survey Data

Year Source

Antigen	Confirmation method	% coverage	Compliance with schedule	Age group	Sample size	% cards seen	Survey year	Comments
2001 ICONA Survey 2003								
DTP3	Card	95.8		16-28 m	4602		2003	
Pol3	Card	95.7		16-28 m	4602		2003	
MCV	Card	76.9		16-28 m	4602		2003	
HepB	Card	95.5		16-28 m	4602		2003	
Hib3	Card	87		16-28 m	4602		2003	

1997 ICONA: indagine nazionale sulla copertura vaccinale infantile 1996

BCG	Card or History			12-24 m	4310		1997/98	Children born between January 96 and January 97
DTP1	Card or History			12-24 m	4310		1997/98	Children born between January 96 and January 97
DTP3	Card or History	94.8		12-24 m	4310		1997/98	does not include pertussis, pertussis = 87,9%; Children born between January 96 and January 97
Pol3	Card or History	94.6		12-24 m	4310		1997/98	Children born between January 96 and January 97
MCV	Card or History	56.4		12-24 m	4310		1997/98	Children born between January 96 and January 97
HepB	Card or History	94.5		12-24 m	4310		1997/98	Children born between January 96 and January 97

