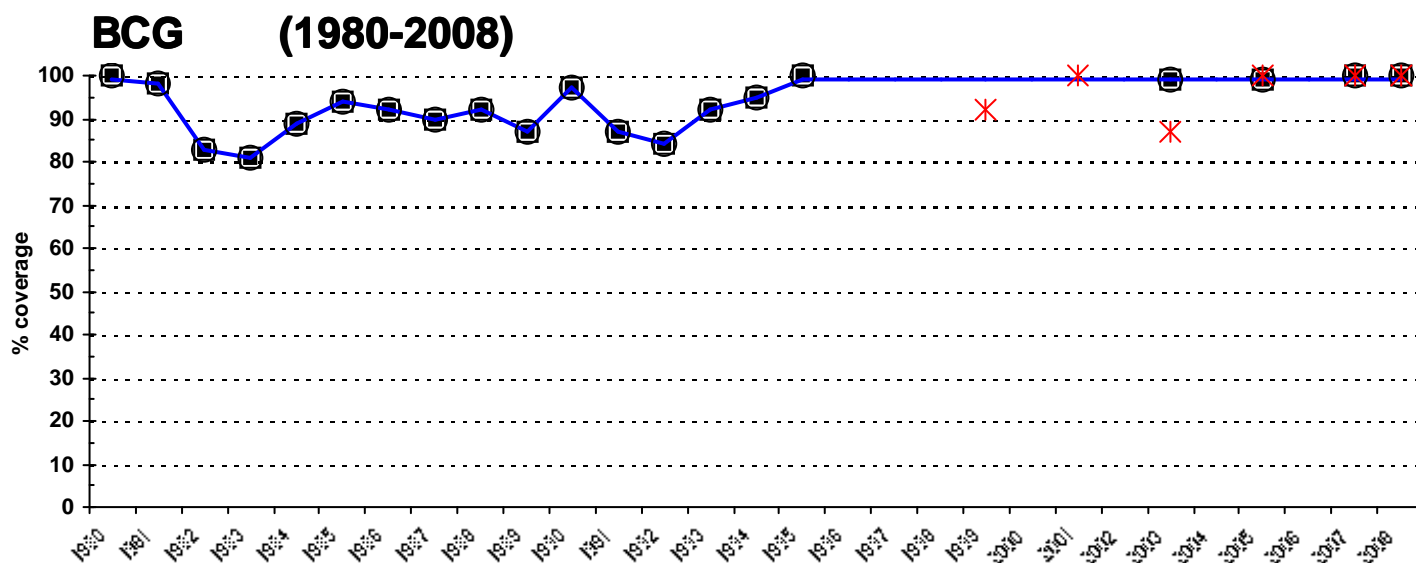


**WHO/UNICEF
Review of National Immunization Coverage
1980-2008**

Panama

July, 2009

Panama



Description of trend

Trend follows officially reported data. No survey data available.

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	99	100	100	100			
1981	98	98	98	98			
1982	83	83	83	83			
1983	81	81	81	81			
1984	89	89	89	89			
1985	94	94	94	94			
1986	92	92	92	92			
1987	90	90	90	90			
1988	92	92	92	92			
1989	87	87	87	87			
1990	97	97	97	97			
1991	87	87	87	87			
1992	84	84	84	84			
1993	92	92	92	92			
1994	95	95	95	95			
1995	99	100	100	100			
1996	99	103	103	103			
1997	99	103	103	103			
1998	99	110	110	110			
1999	99	107	107	107	92		
2000	99	114	114	114	115		
2001	99	108	108	108	100		
2002	99	108	108	108			
2003	99	99	99	99	87		
2004	99	115	115	115	103		
2005	99	99	99	99	100		
2006	99	108	108	108	108		
2007	99	100	100	100	100		
2008	99	100	100	100	100		

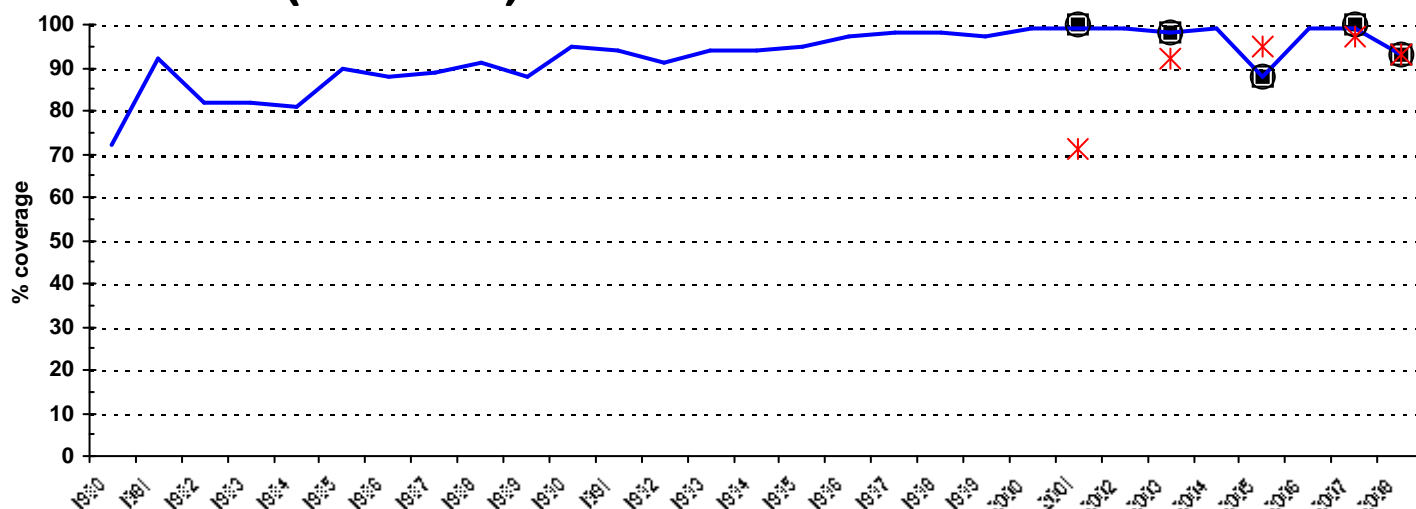
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Panama

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. The DTP1 estimates for 2003 are based on these reports. For years prior to 2003 the estimates are derived from the WHO/UNICEF estimate 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	72						
1981	92						
1982	82						
1983	82						
1984	81						
1985	90						
1986	88						
1987	89						
1988	91						
1989	88						
1990	95						
1991	94						
1992	91						
1993	94						
1994	94						
1995	95						
1996	97						
1997	98						
1998	98						
1999	97						
2000	99	111	111	111	111		
2001	99	100	100	100	71		
2002	99	101	101	101			
2003	98	98	98	98	92		
2004	99	106	106	106	114		
2005	88	88	88	88	95		
2006	99	102	102	102	117		
2007	99	100	100	100	97		
2008	93	93	93	93	93		

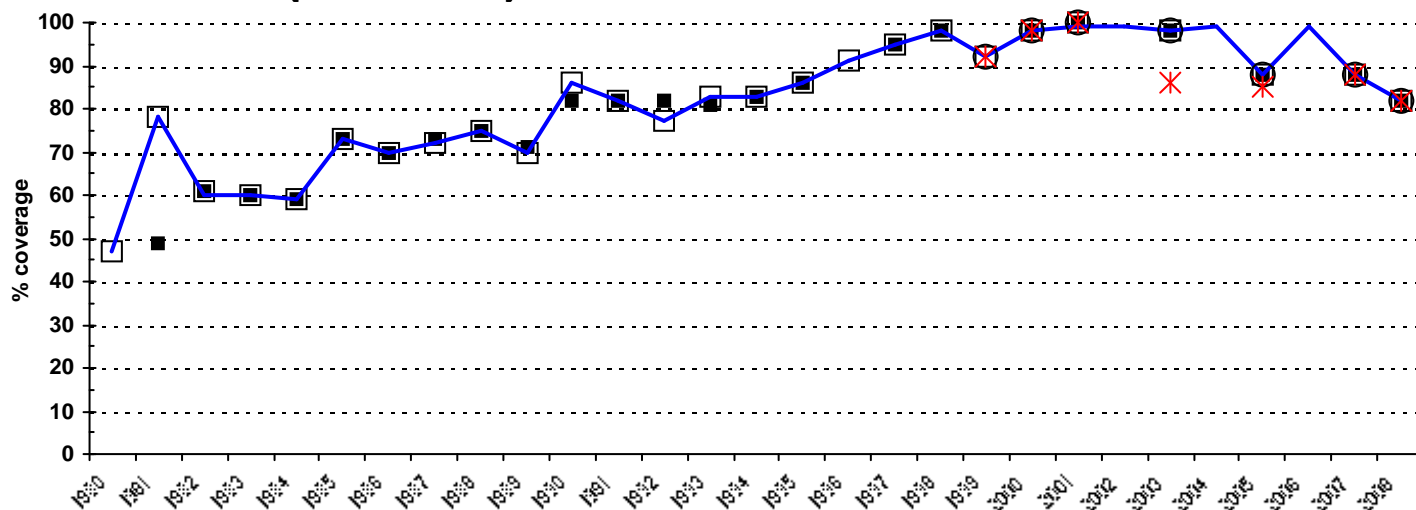
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Panama

DTP3 (1980-2008)



Description of trend

Trend follows officially reported data. No survey data available. Denominators for 2005, 2007 and 2008 are based on number of children rece BCG.

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	47	47					
1981	78	78	49				
1982	60	61	61				
1983	60	60	60				
1984	59	59	59				
1985	73	73	73				
1986	70	70	70				
1987	72	72	73				
1988	75	75	75				
1989	70	70	71				
1990	86	86	82				
1991	82	82	82				
1992	77	77	82				
1993	83	83	81				
1994	83	83	83				
1995	86	86	86				
1996	91	91					
1997	95	95	95				
1998	98	98	98				
1999	92	92		92	92		
2000	98	98	98	98	98		
2001	99	100	100	100	100		
2002	99	101	101	101			
2003	98	98	98	98	86		
2004	99	106	106	106	106		
2005	88	88	88	88	85		
2006	99	102	102	102	106		
2007	88	88	88	88	88		
2008	82	82	82	82	82		

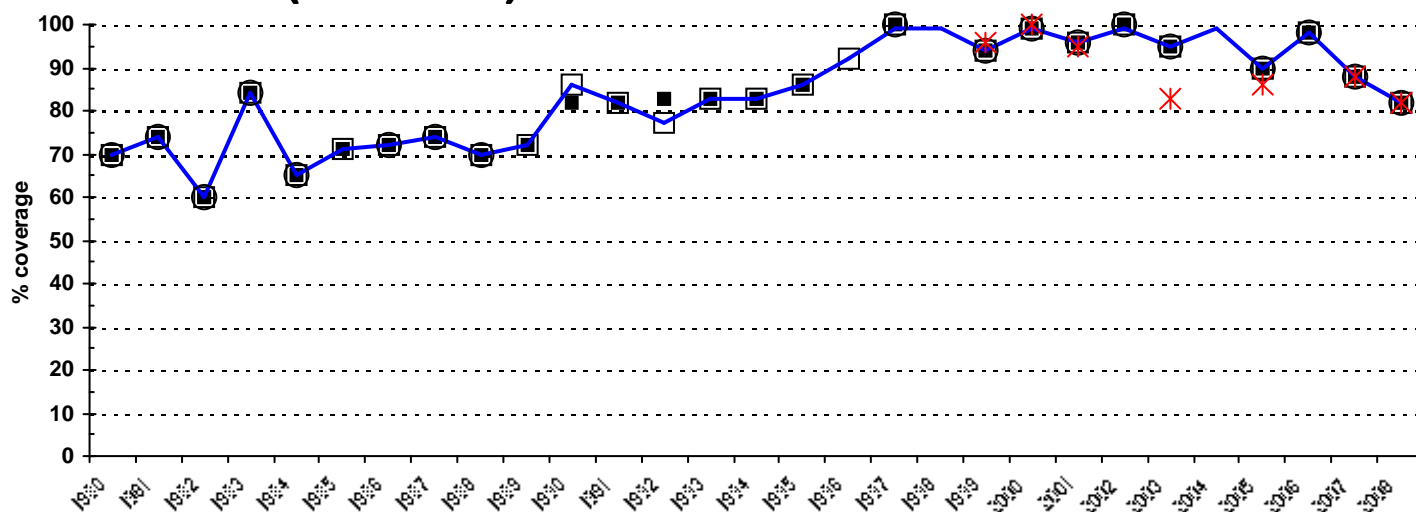
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Panama

Pol3 (1980-2008)



Description of trend

Trend follows officially reported data. No survey data available. Denominators for 2005, 2007 and 2008 are based on number of children receiving BCG.

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	70	70	70	70			
1981	74	74	74	74			
1982	60	60	60	60			
1983	84	84	84	84			
1984	65	65	65	65			
1985	71	71	71				
1986	72	72	72	72			
1987	74	74	74	74			
1988	70	70	70	70			
1989	72	72	72				
1990	86	86	82				
1991	82	82	82				
1992	77	77	83				
1993	83	83	83				
1994	83	83	83				
1995	86	86	86				
1996	92	92					
1997	99	100	100	100			
1998	99	104	104	104			
1999	94	94	94	94	96		
2000	99	99	99	99	100		
2001	96	96	96	96	95		
2002	99	100	100	100			
2003	95	95	95	95	83		
2004	99	106	106	106	106		
2005	90	90	90	90	86		
2006	98	98	98	98	102		
2007	88	88	88	88	88		
2008	82	82	82	82	82		

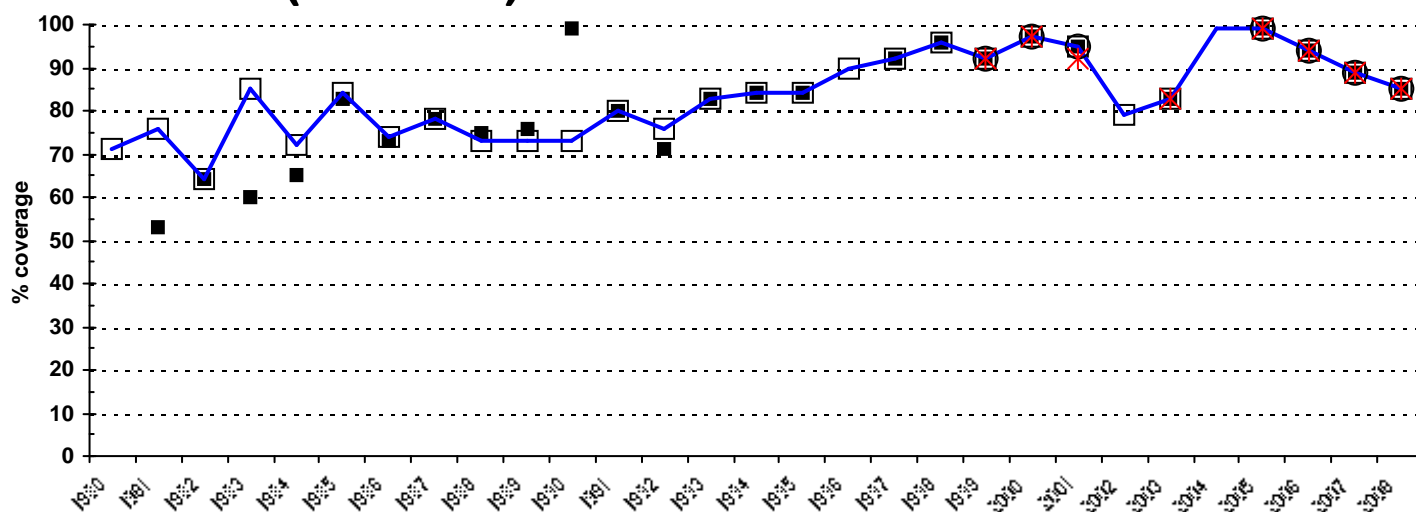
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Panama

MCV (1980-2008)



Description of trend

Trend follows officially reported data. No survey data available. Denominators for 2005, 2007 and 2008 are based on number of children receiving BCG. Reported data for 2005 includes vaccinations delivered during measles campaign.

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	71	71					
1981	76	76	53				
1982	64	64	64				
1983	85	85	60				
1984	72	72	65				
1985	84	84	83				
1986	74	74	73				
1987	78	78	78				
1988	73	73	75				
1989	73	73	76				
1990	73	73	99				
1991	80	80	80				
1992	76	76	71				
1993	83	83	83				
1994	84	84	84				
1995	84	84	84				
1996	90	90					
1997	92	92	92				
1998	96	96	96				
1999	92	92	92	92	92		
2000	97	97	97	97	97		
2001	95	95	95	95	92		
2002	79	79					
2003	83	83	83		83		
2004	99	106	106	106	106		
2005	99	99	99	99	99		
2006	94	94	94	94	94		
2007	89	89	89	89	89		
2008	85	85	85	85	85		

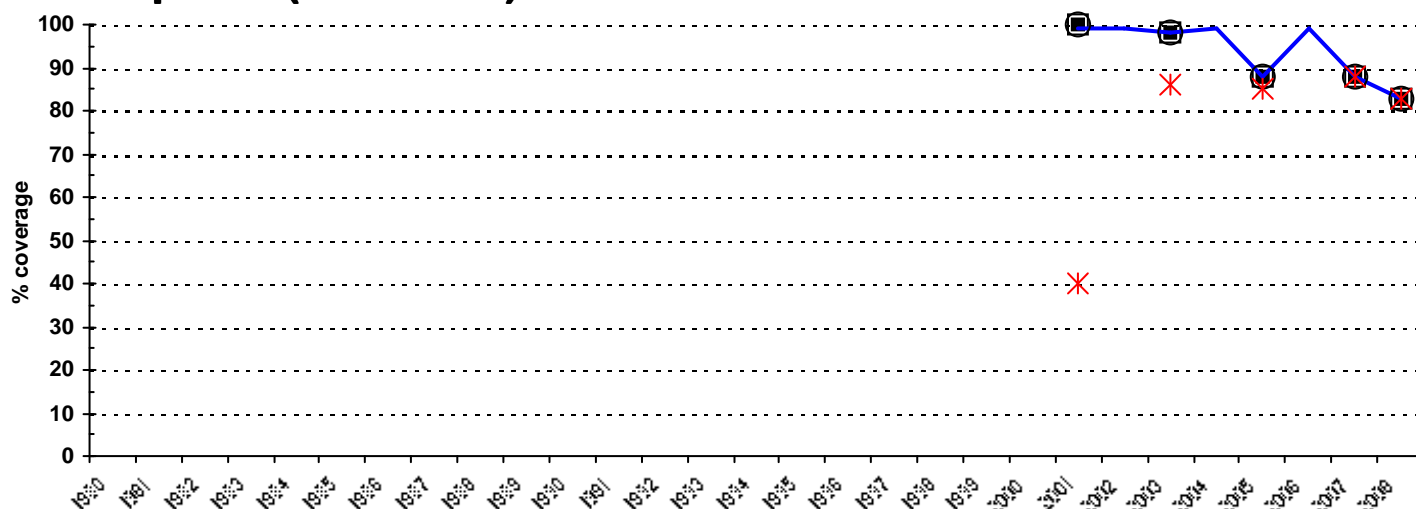
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Panama

HepB3 (1980-2008)



Description of trend

Hepatitis B vaccine was introduced in 1999 in part of the country and nationally in 2001. Trend follows officially reported data. No survey data available. Denominators for 2005, 2007 and 2008 are based on number of children receiving BCG.

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	99	100	100	100	40		
2002	99	101	101	101			
2003	98	98	98	98	86		
2004	99	106	106	106	106		
2005	88	88	88	88	85		
2006	99	102	102	102	117		
2007	88	88	88	88	88		
2008	83	83	83	83	83		

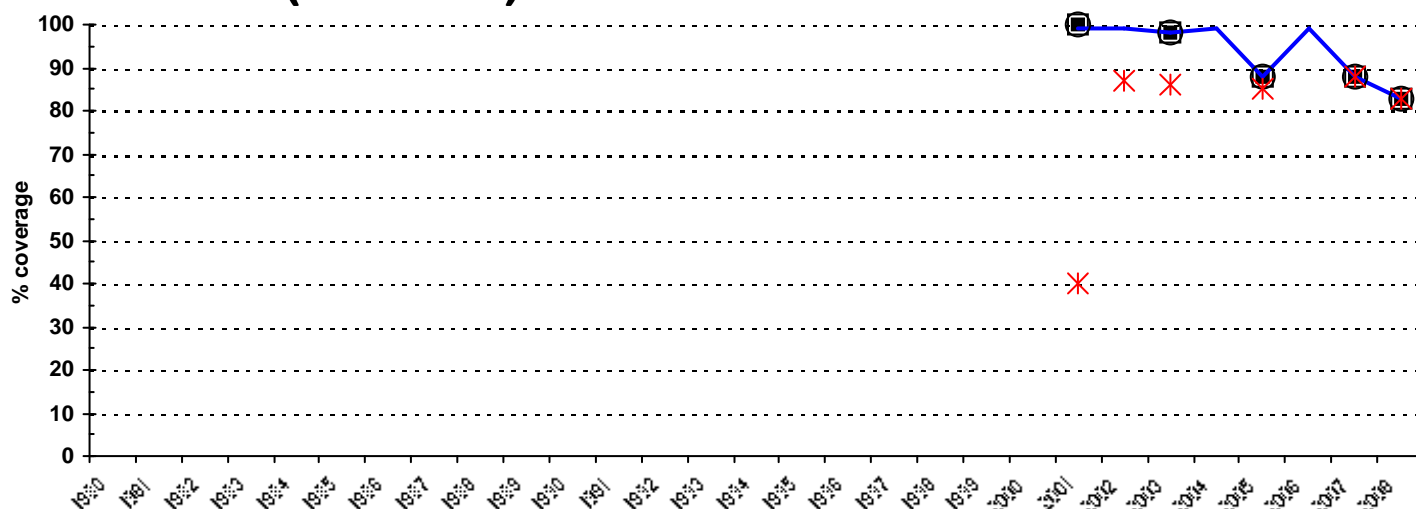
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Panama

Hib3 (1980-2008)



Description of trend

Hib vaccine introduced in 2000. Trend follows officially reported data. No survey data available. Denominators for 2005, 2007 and 2008 are based on number of children receiving BCG.

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	99	100	100	100	40		
2002	99	101	101	101	87		
2003	98	98	98	98	86		
2004	99	106	106	106	106		
2005	88	88	88	88	85		
2006	99	102	102	102	117		
2007	88	88	88	88	88		
2008	83	83	83	83	83		

*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.