

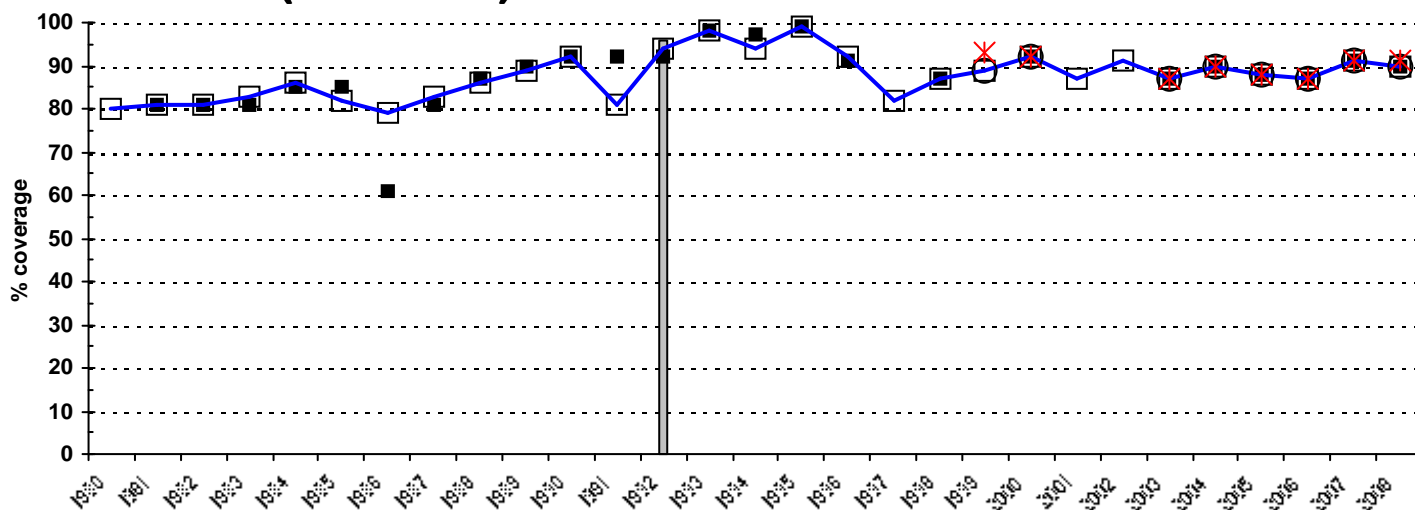
**WHO/UNICEF
Review of National Immunization Coverage
1980-2008**

Costa Rica

July, 2009

Costa Rica

BCG (1980-2008)



Description of trend

Trend follows WHO officially reported data.

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	80	80					
1981	81	81	81				
1982	81	81	81				
1983	83	83	81				
1984	86	86	85				
1985	82	82	85				
1986	79	79	61				
1987	83	83	81				
1988	86	86	87				
1989	89	89	90				
1990	92	92	92				
1991	81	81	92				
1992	94	94	92			96	
1993	98	98	98				
1994	94	94	97				
1995	99	99	99				
1996	92	92	91				
1997	82	82					
1998	87	87	87				
1999	89	89		89	93		
2000	92	92	92	92	92		
2001	87	87					
2002	91	91					
2003	87	87	87	87	87		
2004	90	90	90	90	90		
2005	88	88	88	88	88		
2006	87	87	87	87	87		
2007	91	91	91	91	91		
2008	90	90	90	90	91		

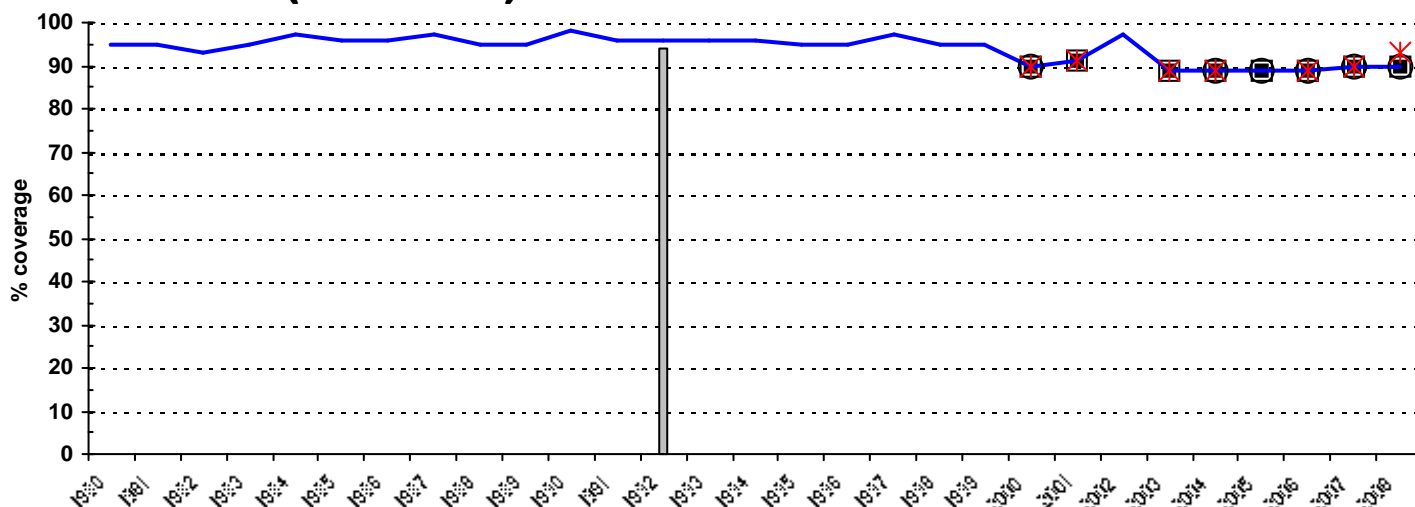
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Costa Rica

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	95						
1981	95						
1982	93						
1983	95						
1984	97						
1985	96						
1986	96						
1987	97						
1988	95						
1989	95						
1990	98						
1991	96						
1992	96					94	
1993	96						
1994	96						
1995	95						
1996	95						
1997	97						
1998	95						
1999	95						
2000	90	90	90	90	90		
2001	91	91	91		91		
2002	97						
2003	89	89	89		89		
2004	89	89	89	89	89		
2005	89	89	89	89			
2006	89	89	89	89	89		
2007	90	90	90	90	90		
2008	90	90	90	90	93		

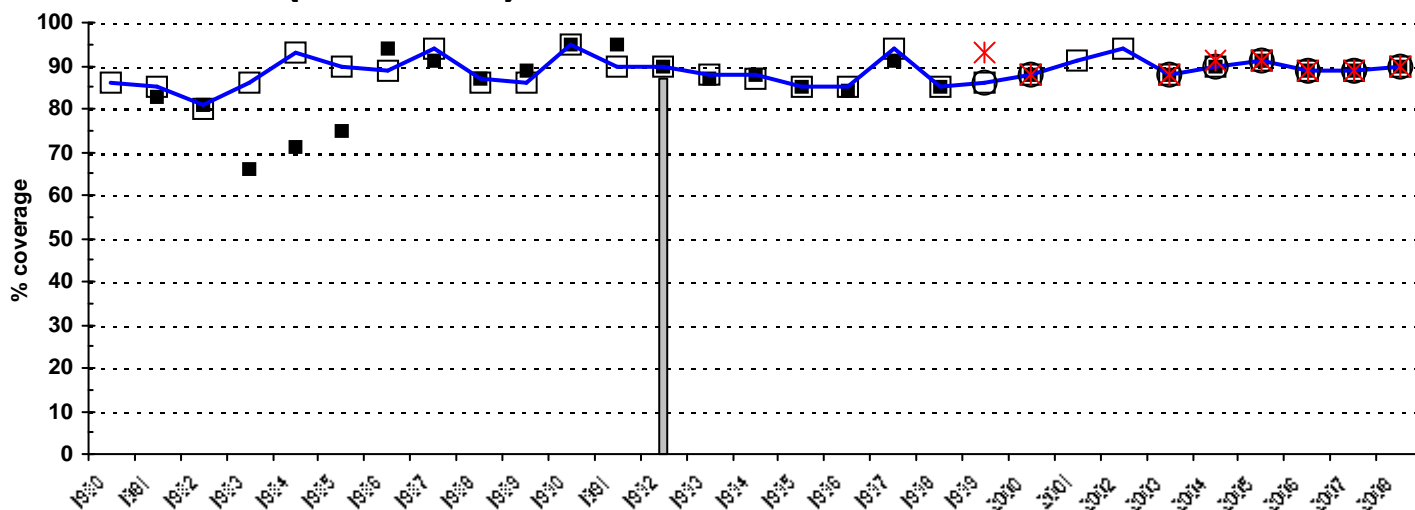
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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Costa Rica

DTP3 (1980-2008)



Description of trend

Trend follows WHO officially reported data.

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	86	86					
1981	85	85	83				
1982	81	80	81				
1983	86	86	66				
1984	93	93	71				
1985	90	90	75				
1986	89	89	94				
1987	94	94	91				
1988	87	86	87				
1989	86	86	89				
1990	95	95	95				
1991	90	90	95				
1992	90	90	90			87	
1993	88	88	87				
1994	88	87	88				
1995	85	85	85				
1996	85	85	84				
1997	94	94	91				
1998	85	85	85				
1999	86	86		86	93		
2000	88	88	88	88	88		
2001	91	91					
2002	94	94					
2003	88	88	88	88	88		
2004	90	90	90	90	91		
2005	91	91	91	91	91		
2006	89	89	89	89	89		
2007	89	89	89	89	89		
2008	90	90	90	90	90		

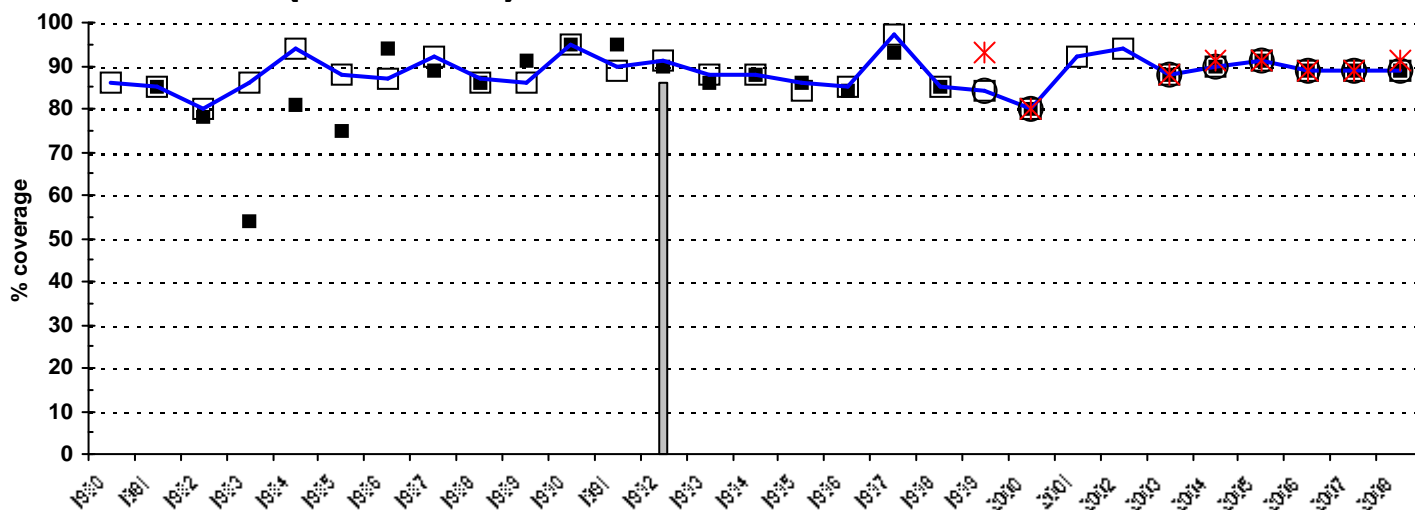
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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Costa Rica

Pol3 (1980-2008)



Description of trend

Trend follows WHO officially reported data.

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	86	86					
1981	85	85	85				
1982	80	80	78				
1983	86	86	54				
1984	94	94	81				
1985	88	88	75				
1986	87	87	94				
1987	92	92	89				
1988	87	86	86				
1989	86	86	91				
1990	95	95	95				
1991	90	89	95				
1992	91	91	90			86	
1993	88	88	86				
1994	88	88	88				
1995	86	84	86				
1996	85	85	84				
1997	97	97	93				
1998	85	85	85				
1999	84	84		84	93		
2000	80	80	80	80	80		
2001	92	92					
2002	94	94					
2003	88	88	88	88	88		
2004	90	90	90	90	91		
2005	91	91	91	91	91		
2006	89	89	89	89	89		
2007	89	89	89	89	89		
2008	89	89	89	89	91		

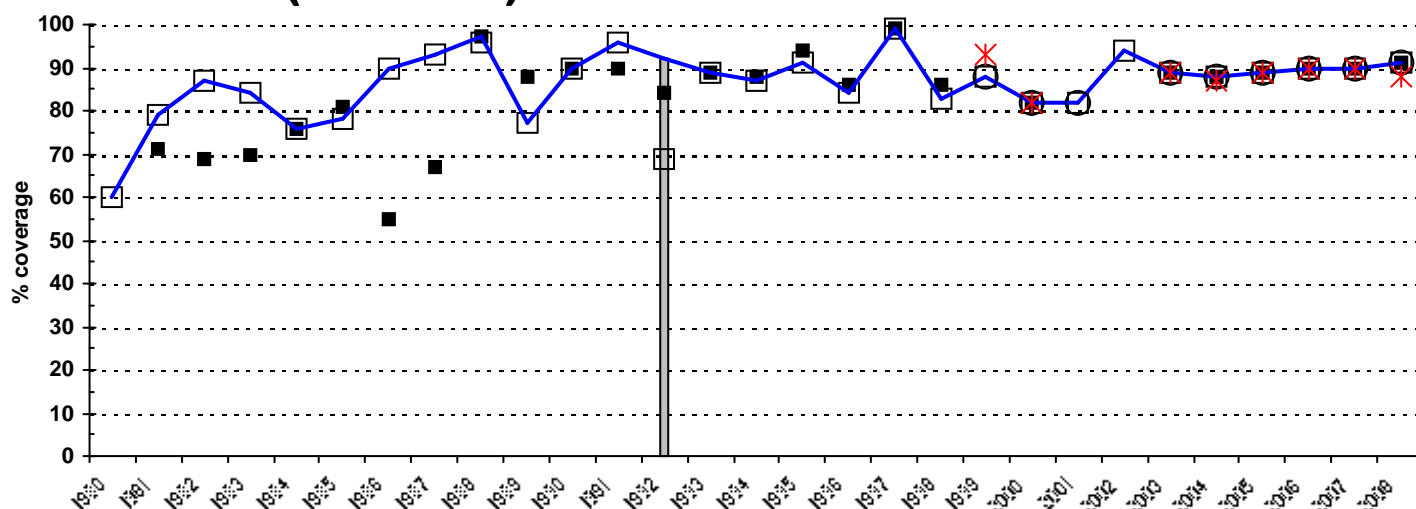
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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

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Costa Rica

MCV (1980-2008)



Description of trend

Trend follows WHO officially reported data. The lower officially reported data in 1986 and 1987 are due to underreporting of vaccinations. In 1 the increase to 99% can be attributed to a mass campaign conducted as part of the measles elimination strategy.

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	60	60					
1981	79	79	71				
1982	87	87	69				
1983	84	84	70				
1984	76	76	76				
1985	78	78	81				
1986	90	90	55				
1987	93	93	67				
1988	97	96	97				
1989	77	77	88				
1990	90	90	90				
1991	96	96	90				
1992	92	69	84			92	
1993	89	89	89				
1994	87	87	88				
1995	91	91	94				
1996	84	84	86				
1997	99	99	99				
1998	83	83	86				
1999	88	88		88	93		
2000	82	82	82	82	82		
2001	82	82		82			
2002	94	94					
2003	89	89	89	89	89		
2004	88	88	88	88	87		
2005	89	89	89	89	89		
2006	90	90	90	90	90		
2007	90	90	90	90	90		
2008	91	91	91	91	88		

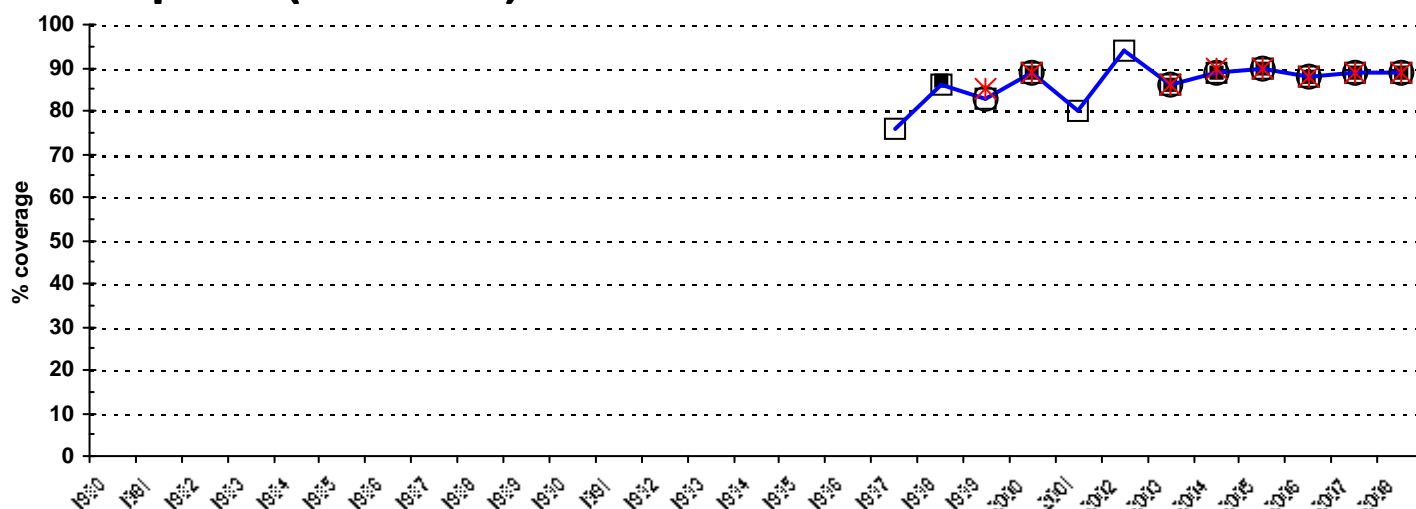
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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

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Costa Rica

HepB3 (1980-2008)



Description of trend

Universal childhood immunization with Hepatitis B vaccine was introduced in 2000. Estimated immunization coverage levels are based on reported data. No survey data are 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							
1981							
1982							
1983							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997	76	76					
1998	86	86	87				
1999	83	83		83	85		
2000	89	89	89	89	89		
2001	80	80					
2002	94	94					
2003	86	86	86	86	86		
2004	89	89	89	89	90		
2005	90	90	90	90	90		
2006	88	88	88	88	88		
2007	89	89	89	89	89		
2008	89	89	89	89	89		

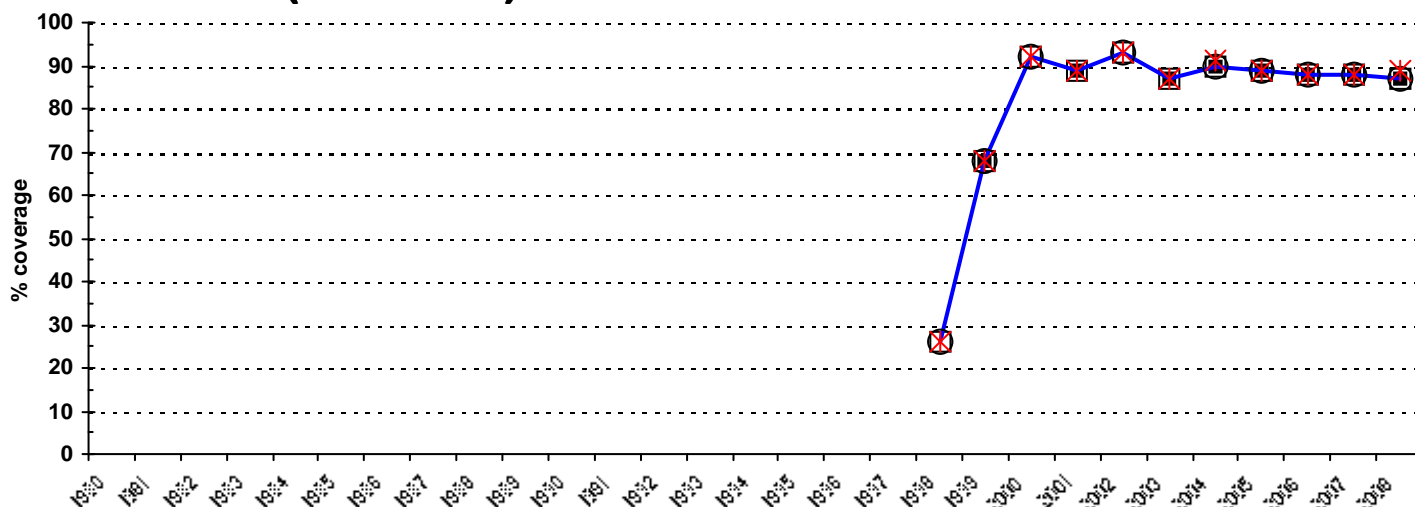
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Costa Rica

Hib3 (1980-2008)



Description of trend

Hib vaccine introduced in 1998 and available nationally in 2000. Estimated immunization coverage levels are based on reported data. No survey data are 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							
1981							
1982							
1983							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998	26	26		26	26		
1999	68	68	68	68	68		
2000	92	92		92	92		
2001	89	89	89		89		
2002	93	93		93	93		
2003	87	87	87		87		
2004	90	90	90	90	91		
2005	89	89	89	89	89		
2006	88	88	88	88	88		
2007	88	88	88	88	88		
2008	87	87	87	87	89		

*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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Costa Rica

Details Survey Data

Year Source

Antigen	Confirmation method	% coverage	Compliance with schedule	Age group	Sample size	% cards seen	Survey year	Comments
1992 Encuesta Nacional de Salud Reproductiva: Fecundad y Formación de la Familia, 1993, 1994								
BCG	Card or History	96		12-23 m	306		1993	
DTP1	Card or History	94		12-23 m	306		1993	
DTP3	Card or History	87		12-23 m	306		1993	Calculated
Pol3	Card or History	86		12-23 m	306		1993	Calculated
MCV	Card or History	92		12-23 m	306		1993	

