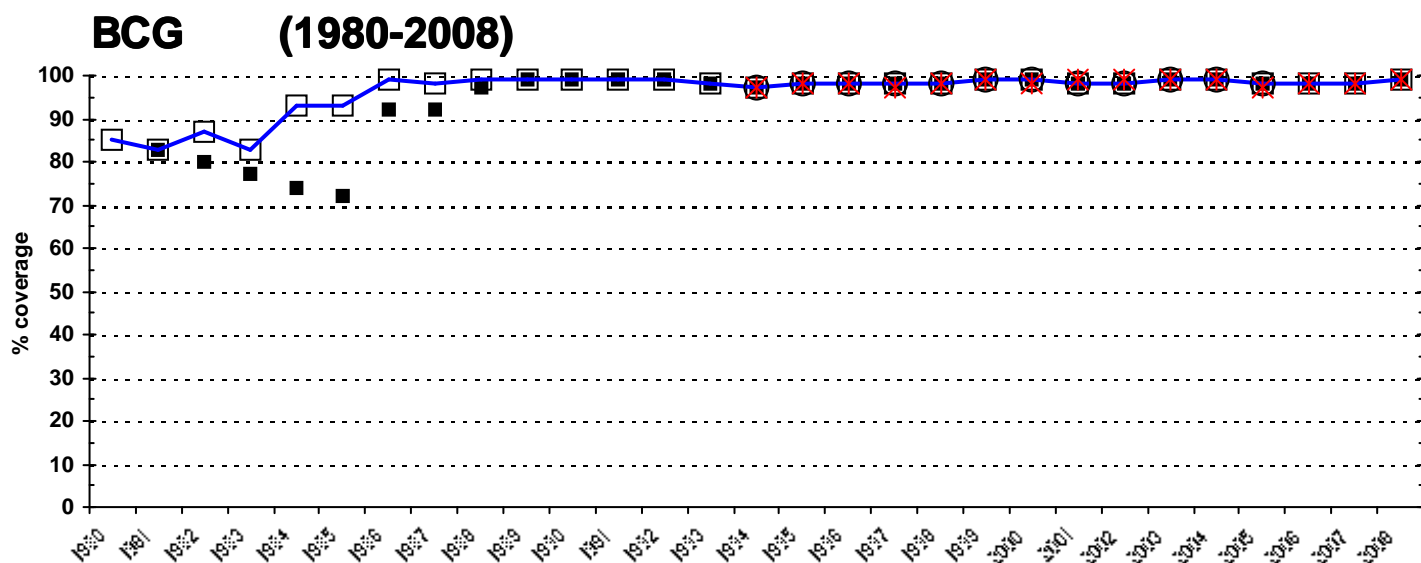


**WHO/UNICEF
Review of National Immunization Coverage
1980-2008**

Singapore

July, 2009

Singapore



Description of trend

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	85	85					
1981	83	83	83				
1982	87	87	80				
1983	83	83	77				
1984	93	93	74				
1985	93	93	72				
1986	99	99	92				
1987	98	98	92				
1988	99	99	97				
1989	99	99	99				
1990	99	99	99				
1991	99	99	99				
1992	99	99	99				
1993	98	98	98				
1994	97	97	97	97	97		
1995	98	98	98	98	98		
1996	98	98	98	98	98		
1997	98	98	98	98	97		
1998	98	98	98	98	98		
1999	99	99	99	99	99		
2000	99	99	99	99	98		
2001	98	98	98	98	99		
2002	98	98	98	98	99		
2003	99	99	99	99	99		
2004	99	99	99	99	99		
2005	98	98	98	98	97		
2006	98	98	98		98		
2007	98	98	98		98		
2008	99	99	99		99		

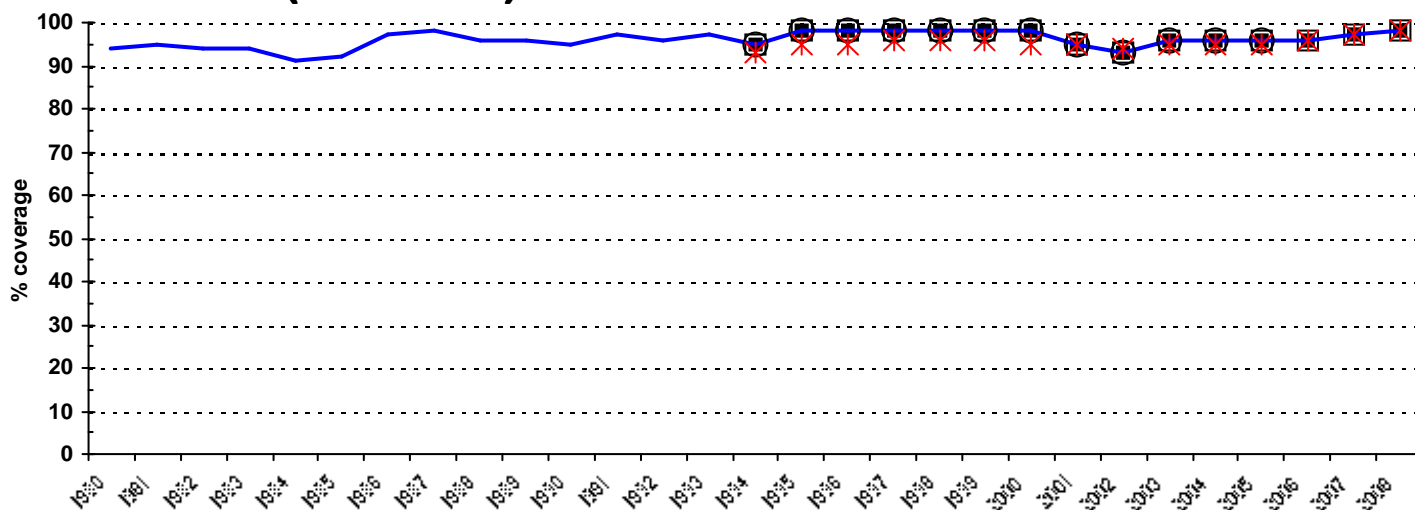
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Singapore

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 since 1994. For years prior to 1994 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	94						
1981	95						
1982	94						
1983	94						
1984	91						
1985	92						
1986	97						
1987	98						
1988	96						
1989	96						
1990	95						
1991	97						
1992	96						
1993	97						
1994	95	95	95	95	93		
1995	98	98	98	98	95		
1996	98	98	98	98	95		
1997	98	98	98	98	96		
1998	98	98	98	98	96		
1999	98	98	98	98	96		
2000	98	98	98	98	95		
2001	95	95	95	95	95		
2002	93	93	93	93	94		
2003	96	96	96	96	95		
2004	96	96	96	96	95		
2005	96	96	96	96	95		
2006	96	96	96		96		
2007	97	97	97		97		
2008	98	98	98		98		

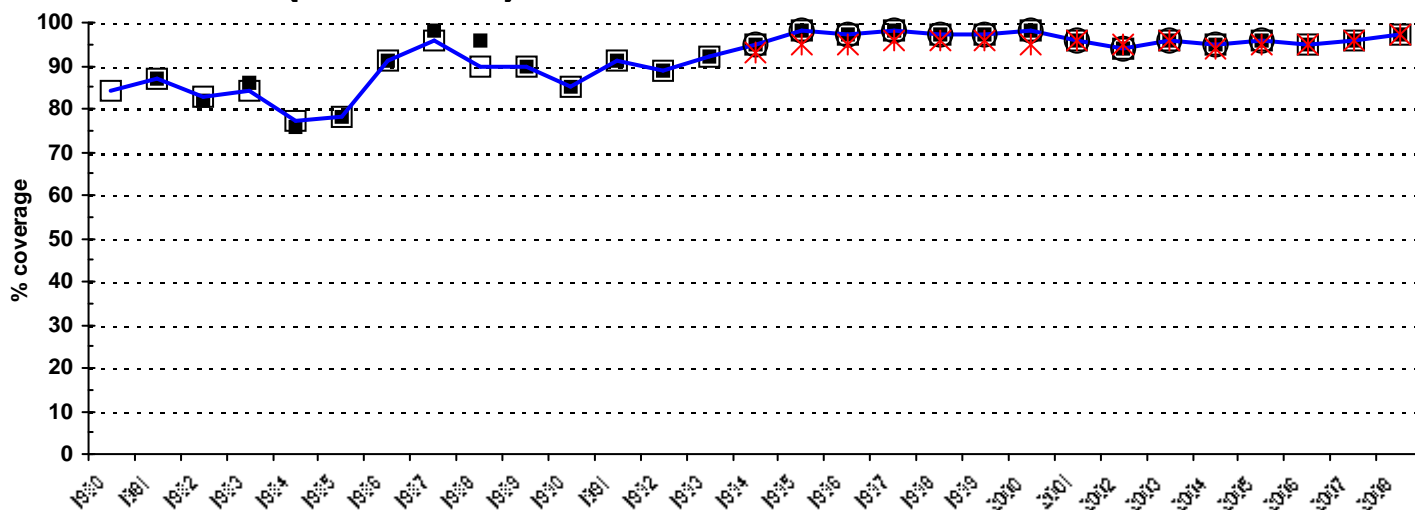
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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Singapore

DTP3 (1980-2008)



Description of trend

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	84	84					
1981	87	87	87				
1982	83	83	82				
1983	84	84	86				
1984	77	77	76				
1985	78	78	78				
1986	91	91	91				
1987	96	96	98				
1988	90	90	96				
1989	90	90	90				
1990	85	85	85				
1991	91	91	91				
1992	89	89	89				
1993	92	92	92				
1994	95	95	95	95	93		
1995	98	98	98	98	95		
1996	97	97	97	97	95		
1997	98	98	98	98	96		
1998	97	97	97	97	96		
1999	97	97	97	97	96		
2000	98	98	98	98	95		
2001	96	96	96	96	96		
2002	94	94	94	94	95		
2003	96	96	96	96	96		
2004	95	95	95	95	94		
2005	96	96	96	96	95		
2006	95	95	95		95		
2007	96	96	96		96		
2008	97	97	97		97		

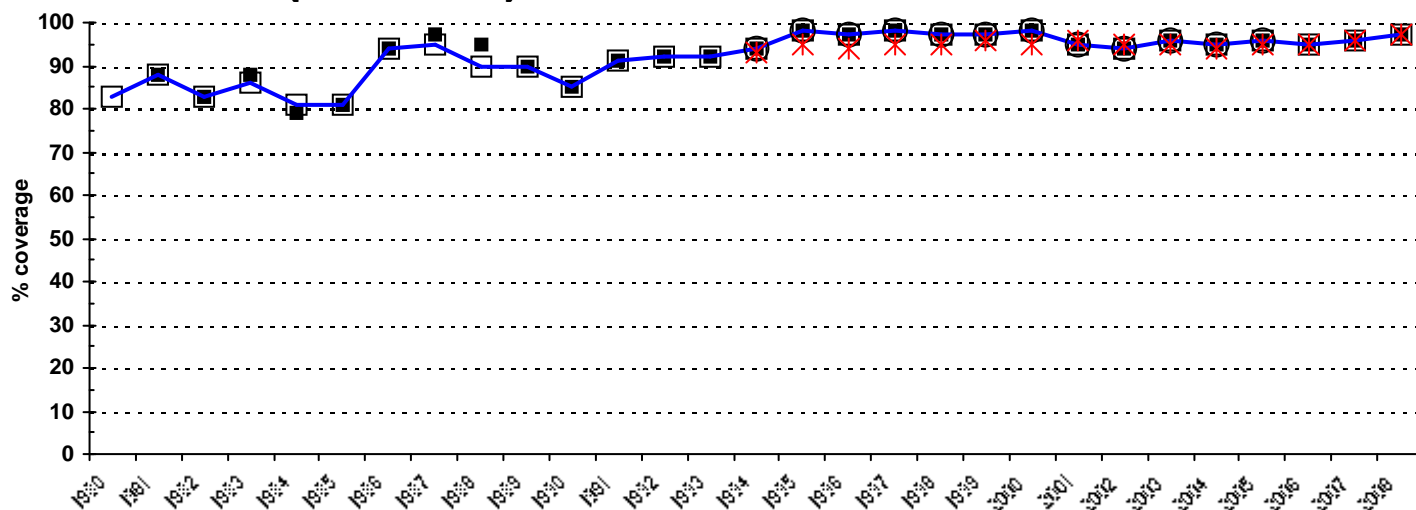
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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

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Singapore

Pol3 (1980-2008)



Description of trend

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	83	83					
1981	88	88	88				
1982	83	83	83				
1983	86	86	88				
1984	81	81	79				
1985	81	81	81				
1986	94	94	94				
1987	95	95	97				
1988	90	90	95				
1989	90	90	90				
1990	85	85	85				
1991	91	91	91				
1992	92	92	92				
1993	92	92	92				
1994	94	94	94	94	93		
1995	98	98	98	98	95		
1996	97	97	97	97	94		
1997	98	98	98	98	95		
1998	97	97	97	97	95		
1999	97	97	97	97	96		
2000	98	98	98	98	95		
2001	95	95	95	95	96		
2002	94	94	94	94	95		
2003	96	96	96	96	95		
2004	95	95	95	95	94		
2005	96	96	96	96	95		
2006	95	95	95		95		
2007	96	96	96		96		
2008	97	97	97		97		

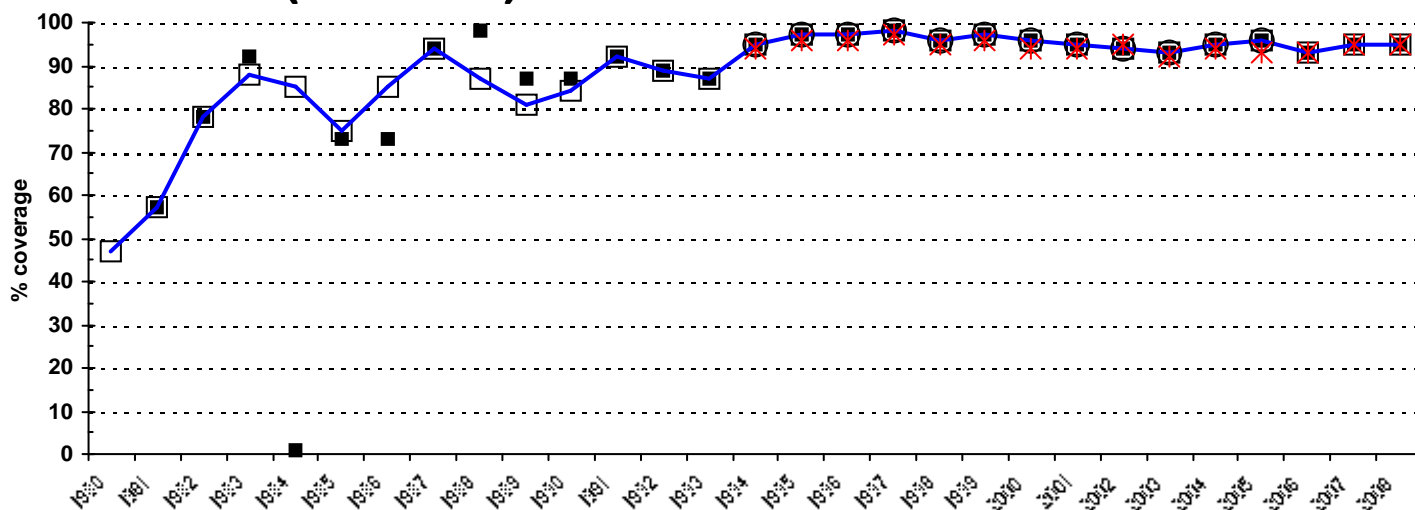
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Singapore

MCV (1980-2008)



Description of trend

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	47	47					
1981	57	57	57				
1982	78	78	78				
1983	88	88	92				
1984	85	85	1				
1985	75	75	73				
1986	85	85	73				
1987	94	94	94				
1988	87	87	98				
1989	81	81	87				
1990	84	84	87				
1991	92	92	92				
1992	89	89	89				
1993	87	87	87				
1994	95	95	95	95	94		
1995	97	97	97	97	96		
1996	97	97	97	97	96		
1997	98	98	98	98	97		
1998	96	96	96	96	95		
1999	97	97	97	97	96		
2000	96	96	96	96	94		
2001	95	95	95	95	94		
2002	94	94	94	94	95		
2003	93	93	93	93	92		
2004	95	95	95	95	94		
2005	96	96	96	96	93		
2006	93	93	93		93		
2007	95	95	95		95		
2008	95	95	95		95		

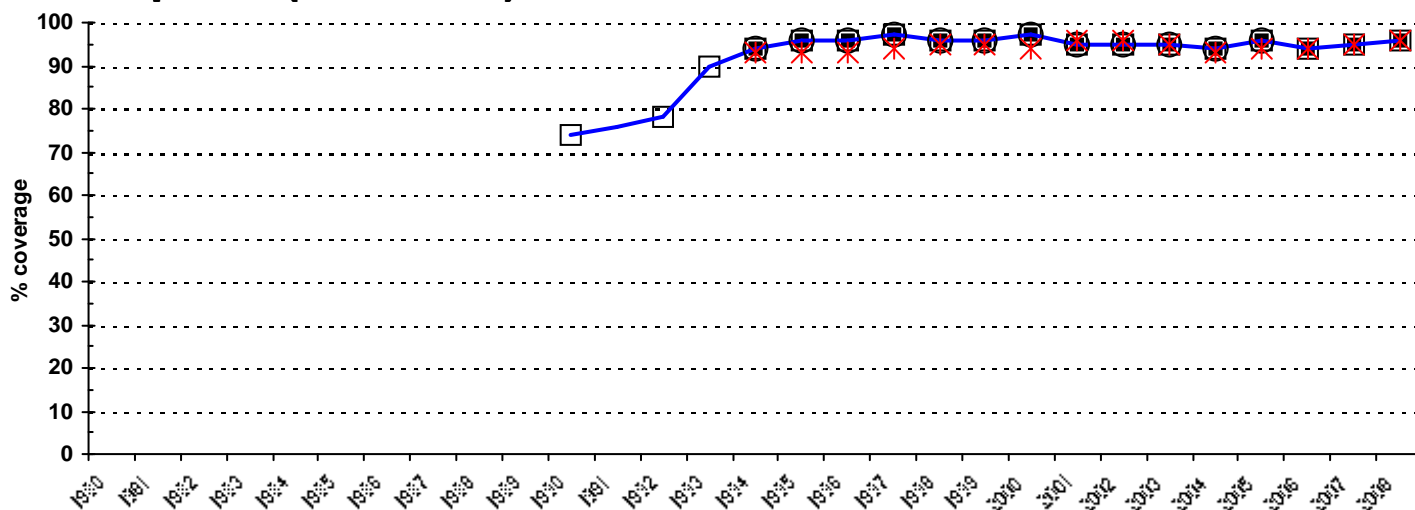
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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

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Singapore

HepB3 (1980-2008)



Description of trend

Hepatitis B vaccination introduced in 1987. 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	74	74					
1991	76						
1992	78	78					
1993	90	90					
1994	94	94	94	94	93		
1995	96	96	96	96	93		
1996	96	96	96	96	93		
1997	97	97	97	97	94		
1998	96	96	96	96	95		
1999	96	96	96	96	95		
2000	97	97	97	97	94		
2001	95	95	95	95	96		
2002	95	95	95	95	96		
2003	95	95	95	95	95		
2004	94	94	94	94	93		
2005	96	96	96	96	94		
2006	94	94	94		94		
2007	95	95	95		95		
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.

