

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

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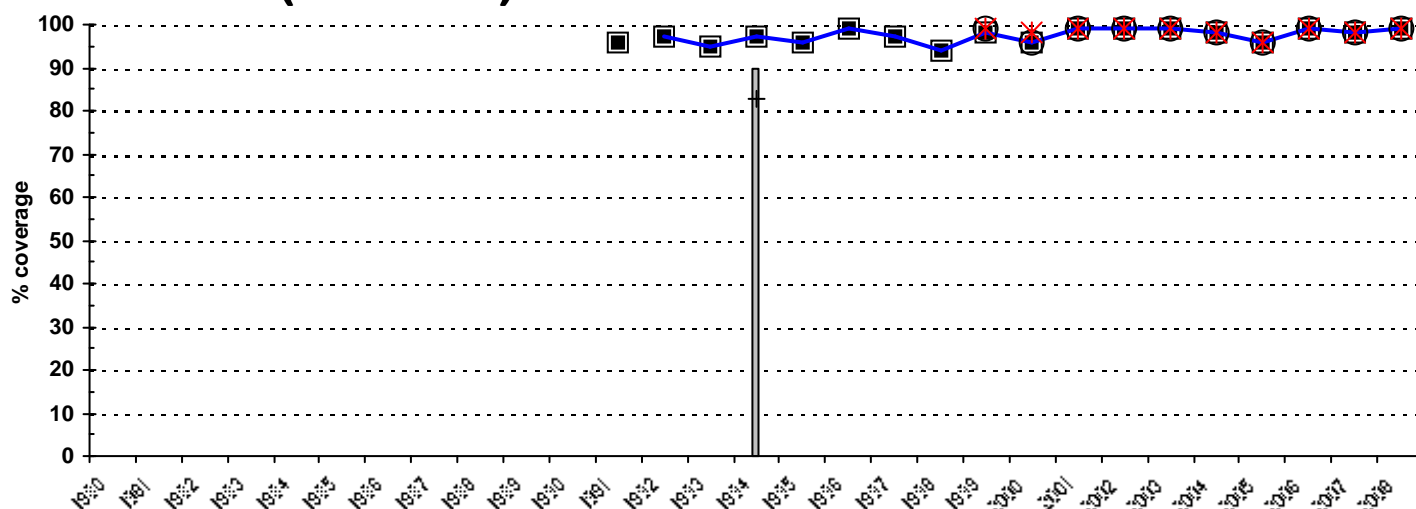
***Kyrgyzstan***

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**July, 2009**

# Kyrgyzstan

## BCG (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data supported by a 1994 DHS survey point. WHO/UNICEF recommend conducting a high quality survey to verify reported levels of coverage.

### 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		96	96				
1992	97	97	97				
1993	95	95	95				
1994	97	97	97			90	83
1995	96	96	96				
1996	99	99	99				
1997	97	97	97				
1998	94	94	94				
1999	98	98	98	99	99		
2000	96	96	96	96	98		
2001	99	99	99	99	99		
2002	99	99	99	99	99		
2003	99	99	99	99	99		
2004	98	98	98	98	98		
2005	96	96	96	96	96		
2006	99	99	99	99	99		
2007	98	98	98	98	98		
2008	99	99	99	99	99		

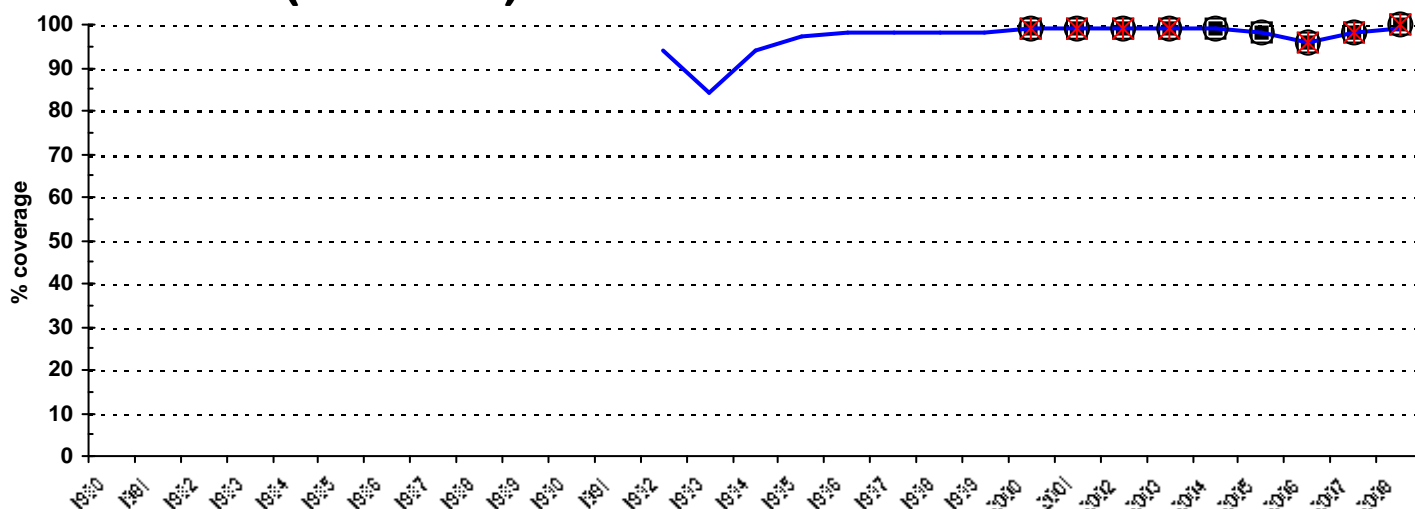
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Kyrgyzstan

## 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. WHO/UNICEF recommend conducting a high quality survey to verify reported levels of coverage.

### 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	94						
1993	84						
1994	94						
1995	97						
1996	98						
1997	98						
1998	98						
1999	98						
2000	99	99	99	99	99		
2001	99	99	99	99	99		
2002	99	99	99	99	99		
2003	99	99	99	99	99		
2004	99	99	99	99	99		
2005	98	98	98	98			
2006	96	96	96	96	96		
2007	98	98	98	98	98		
2008	99	100	100	100	100		

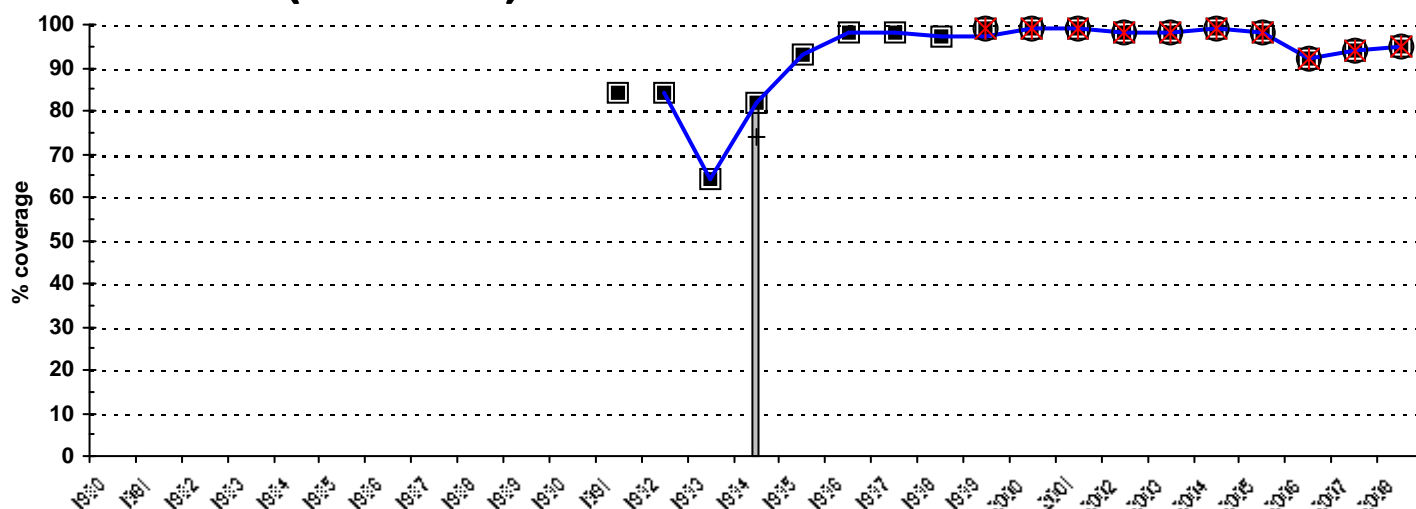
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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# Kyrgyzstan

## DTP3 (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data supported by a 1994 DHS survey point. WHO/UNICEF recommend conducting a high quality survey to verify reported levels of coverage.

### 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		84	84				
1992	84	84	84				
1993	64	64	64				
1994	82	82	82			82	74
1995	93	93	93				
1996	98	98	98				
1997	98	98	98				
1998	97	97	97				
1999	97	99	99	99	99		
2000	99	99	99	99	99		
2001	99	99	99	99	99		
2002	98	98	98	98	98		
2003	98	98	98	98	98		
2004	99	99	99	99	99		
2005	98	98	98	98	98		
2006	92	92	92	92	92		
2007	94	94	94	94	94		
2008	95	95	95	95	95		

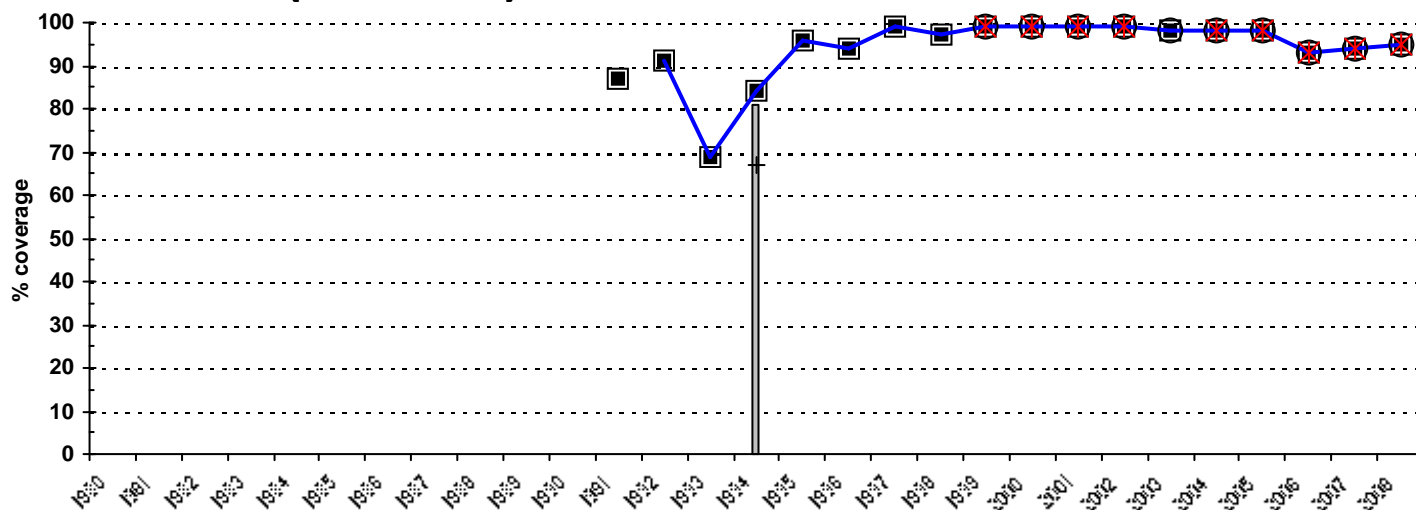
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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

\*\*\*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.

# Kyrgyzstan

## Pol3 (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data supported by a 1994 DHS survey point. WHO/UNICEF recommend conducting a high quality surveys to verify reported levels of coverage.

### 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		87	87				
1992	91	91	91				
1993	69	69	69				
1994	84	84	84			81	67
1995	96	96	96				
1996	94	94	94				
1997	99	99	99				
1998	97	97	97				
1999	99	99	99	99	99		
2000	99	99	99	99	99		
2001	99	99	99	99	99		
2002	99	99	99	99	99		
2003	98	98	98	98			
2004	98	98	98	98	98		
2005	98	98	98	98	98		
2006	93	93	93	93	93		
2007	94	94	94	94	94		
2008	95	95	95	95	95		

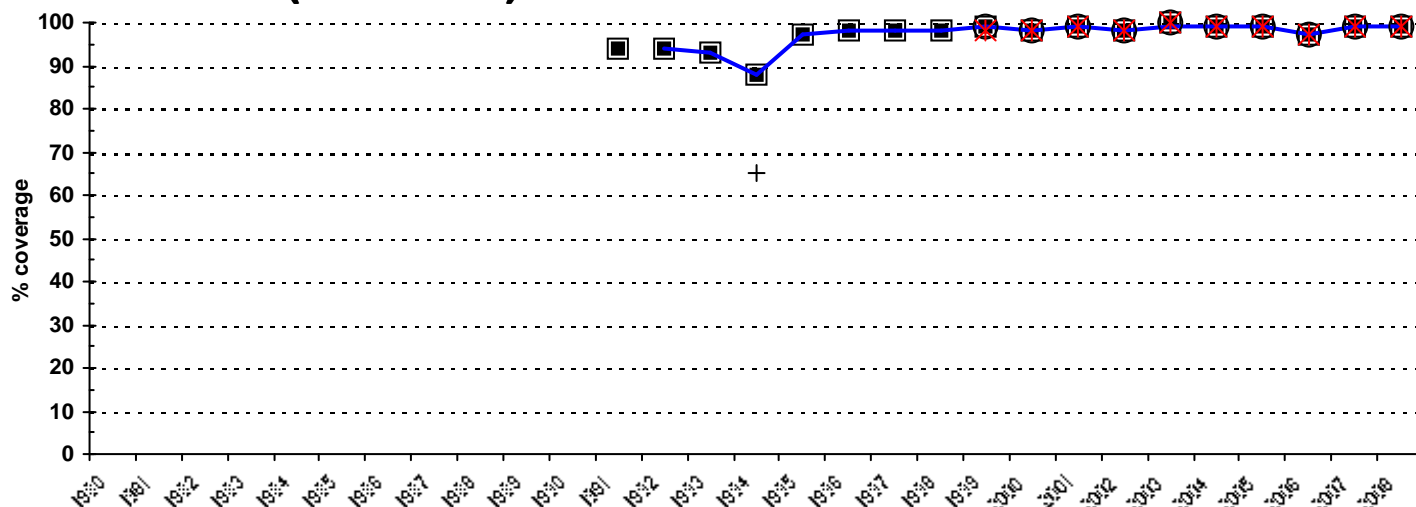
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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

\*\*\*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.

# Kyrgyzstan

## MCV (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data. The 1994 survey data reports coverage for children less than one year of age. The national recommendation for measles vaccination is at 12 months of age. WHO/UNICEF recommend conducting a high quality survey to verify reported levels of coverage.

### 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		94	94				
1992	94	94	94				
1993	93	93	93				
1994	88	88	88				65
1995	97	97	97				
1996	98	98	98				
1997	98	98	98				
1998	98	98	98				
1999	99	99	99	99	98		
2000	98	98	98	98	98		
2001	99	99	99	99	99		
2002	98	98	98	98	98		
2003	99	100	100	100	100		
2004	99	99	99	99	99		
2005	99	99	99	99	99		
2006	97	97	97	97	97		
2007	99	99	99	99	99		
2008	99	99	99	99	99		

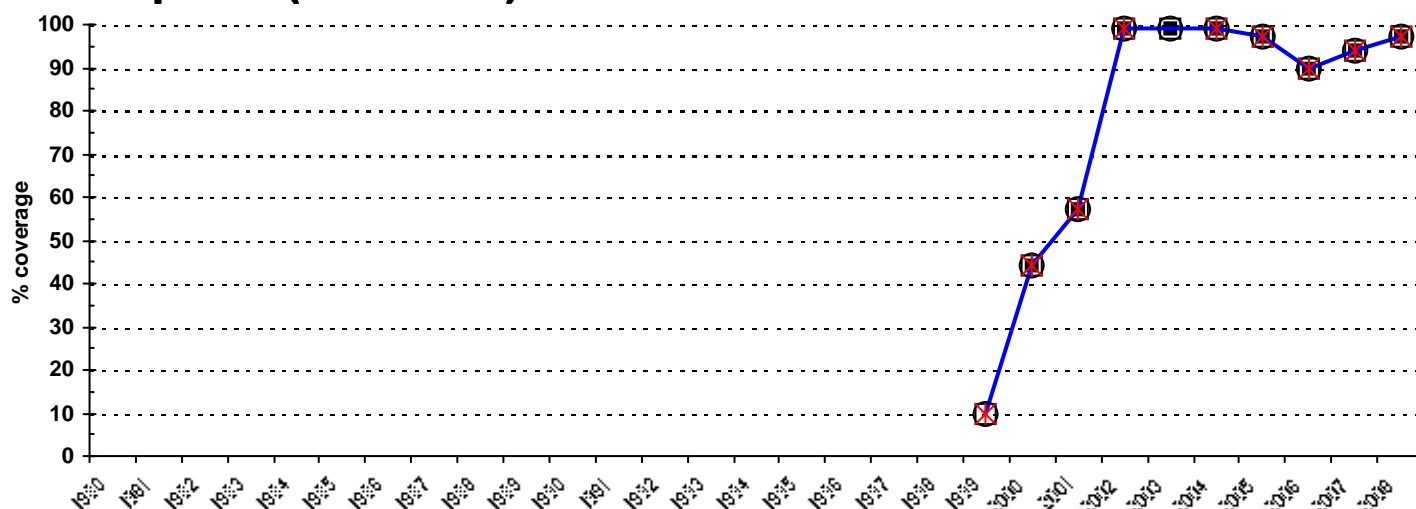
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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\*\*\*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.

# Kyrgyzstan

## HepB3 (1980-2008)



### Description of trend

Hepatitis vaccine was introduced in 1999. WHO/UNICEF recommend conducting a high quality survey to verify reported levels of coverage

### 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	10	10		10	10		
2000	44	44	44	44	44		
2001	57	57	57	57	57		
2002	99	99	99	99	99		
2003	99	99	99	99			
2004	99	99	99	99	99		
2005	97	97	97	97	97		
2006	90	90	90	90	90		
2007	94	94	94	94	94		
2008	97	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.

# Kyrgyzstan

## Details Survey Data

### Year Source

Antigen	Confirmation method	% coverage	Compliance with schedule	Age group	Sample size	% cards seen	Survey year	Comments
<b>1996 Kyrgyz Republic Demographic and Health Survey 1997, 1998</b>								
BCG	Card or History			12-23 m		82	1997	recalculation not possible as total number of children not clear
DTP1	Card or History			12-23 m		82	1997	recalculation not possible as total number of children not clear
DTP3	Card or History			12-23 m		82	1997	recalculation not possible as total number of children not clear
Pol3	Card or History			12-23 m		82	1997	recalculation not possible as total number of children not clear
MCV	Card or History			12-23 m		82	1997	recalculation not possible as total number of children not clear

### 1994 Kyrgyz Republic 1995 Multiple Indicator Cluster Survey

BCG	Card or History	90		12-24 m	981		1995	
BCG	C or H <12 month	83	Valid	12-24 m	981		1995	
DTP1	Card or History			12-24 m	981		1995	
DTP1	C or H <12 month		Valid	12-24 m	981		1995	
DTP3	Card or History	82		12-24 m	981		1995	
DTP3	C or H <12 month	74	Valid	12-24 m	981		1995	
Pol3	Card or History	81		12-24 m	981		1995	
Pol3	C or H <12 month	67	Valid	12-24 m	981		1995	
MCV	Card or History			12-24 m	981		1995	
MCV	C or H <12 month	65	Valid	12-24 m	981		1995	