

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

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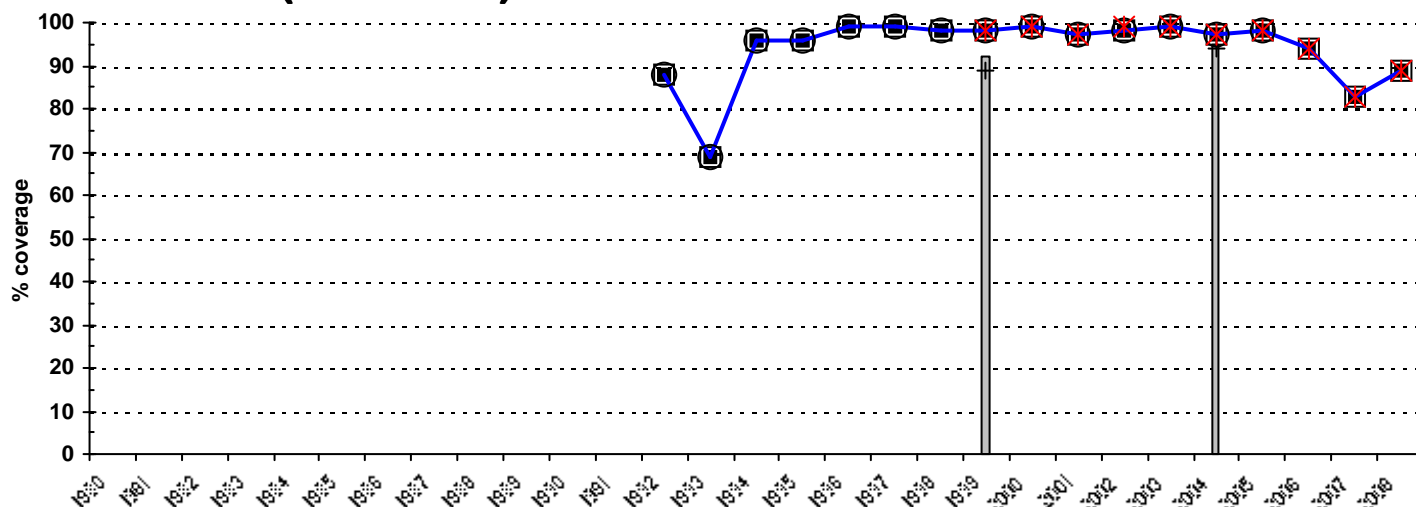
***Tajikistan***

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**July, 2009**

# Tajikistan

## BCG (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data. MICS 2000 confirms official data. The decline in 2007 is due to a 1-m vaccine shortage.

### 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	88	88	88	88			
1993	69	69	69	69			
1994	96	96	96	96			
1995	96	96	96	96			
1996	99	99	99	99			
1997	99	99	99	99			
1998	98	98	98	98			
1999	98	98	98	98	98	92	89
2000	99	99	99	99	99		
2001	97	97	97	97	97		
2002	98	98	98	98	99		
2003	99	99	99	99	99		
2004	97	97	97	97	97	95	94
2005	98	98	98	98	98		
2006	94	94	94	94	94		
2007	83	83	83	83	83		
2008	89	89	89	89	89		

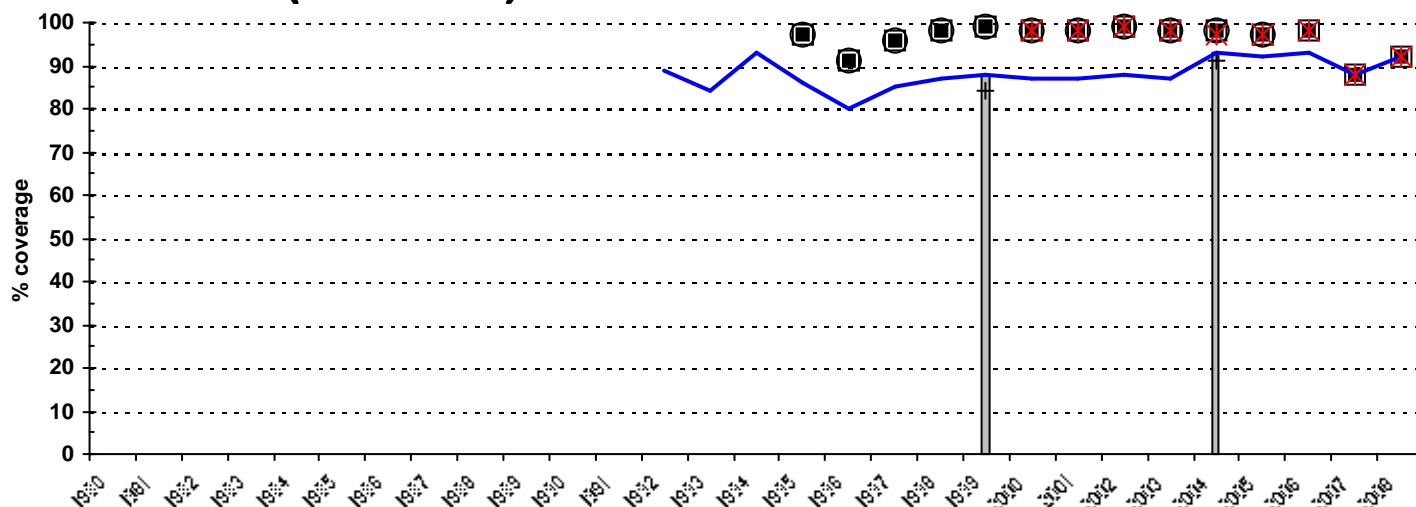
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Tajikistan

## 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 1999 onward. The estimates up to 2006 are based on national reports calibrated to the level of the 1999 and 2004 survey points. The estimates for 2007 are based on reported data, since updated denominator figures were used to compute the 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	89						
1993	84						
1994	93						
1995	86	97	97	97			
1996	80	91	91	91			
1997	85	96	96	96			
1998	87	98	98	98			
1999	88	99	99	99		88	84
2000	87	98	98	98	98		
2001	87	98	98	98	98		
2002	88	99	99	99	99		
2003	87	98	98	98	98		
2004	93	98	98	98	97	93	91
2005	92	97	97	97	97		
2006	93	98	98	98	98		
2007	88	88	88	88	88		
2008	92	92	92	92	92		

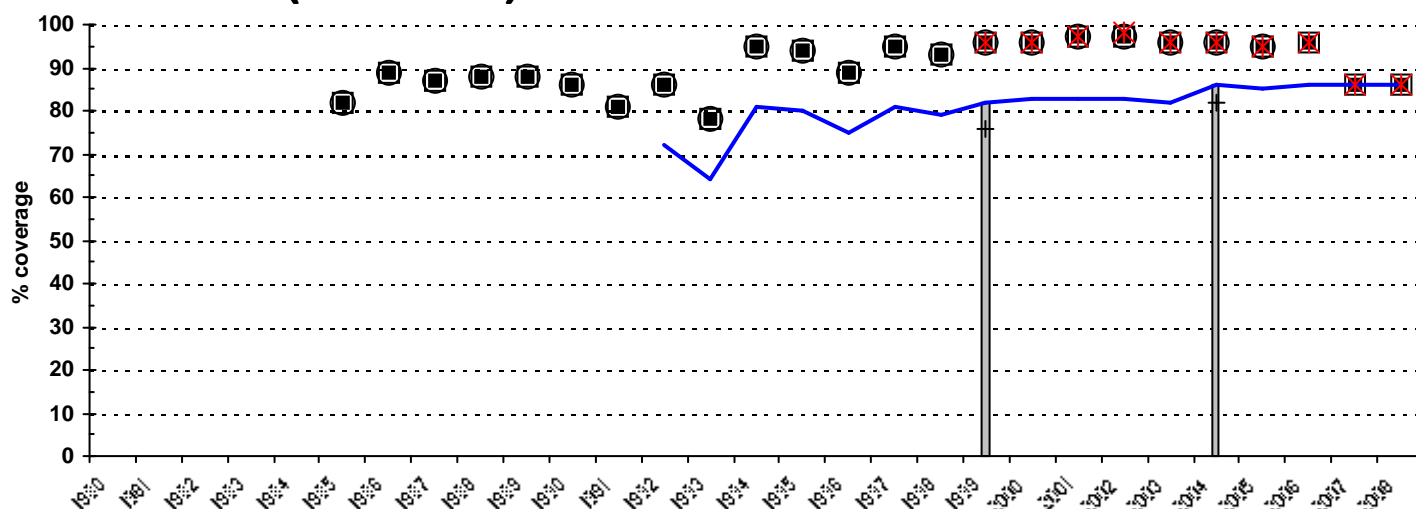
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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# Tajikistan

## DTP3 (1980-2008)



### Description of trend

Trends in estimated immunization coverage levels are based on reported data. The estimates up to 2006 are based on national reports calibrated to the level of the 1999 and 2004 survey points. The estimates for 2007 are based on reported data, since updated denominator figures were used to compute the 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		82	82	82			
1986		89	89	89			
1987		87	87	87			
1988		88	88	88			
1989		88	88	88			
1990		86	86	86			
1991		81	81	81			
1992	72	86	86	86			
1993	64	78	78	78			
1994	81	95	95	95			
1995	80	94	94	94			
1996	75	89	89	89			
1997	81	95	95	95			
1998	79	93	93	93			
1999	82	96	96	96	96	82	76
2000	83	96	96	96	96		
2001	83	97	97	97	97		
2002	83	97	97	97	98		
2003	82	96	96	96	96		
2004	86	96	96	96	96	86	82
2005	85	95	95	95	95		
2006	86	96	96	96	96		
2007	86	86	86		86		
2008	86	86	86		86		

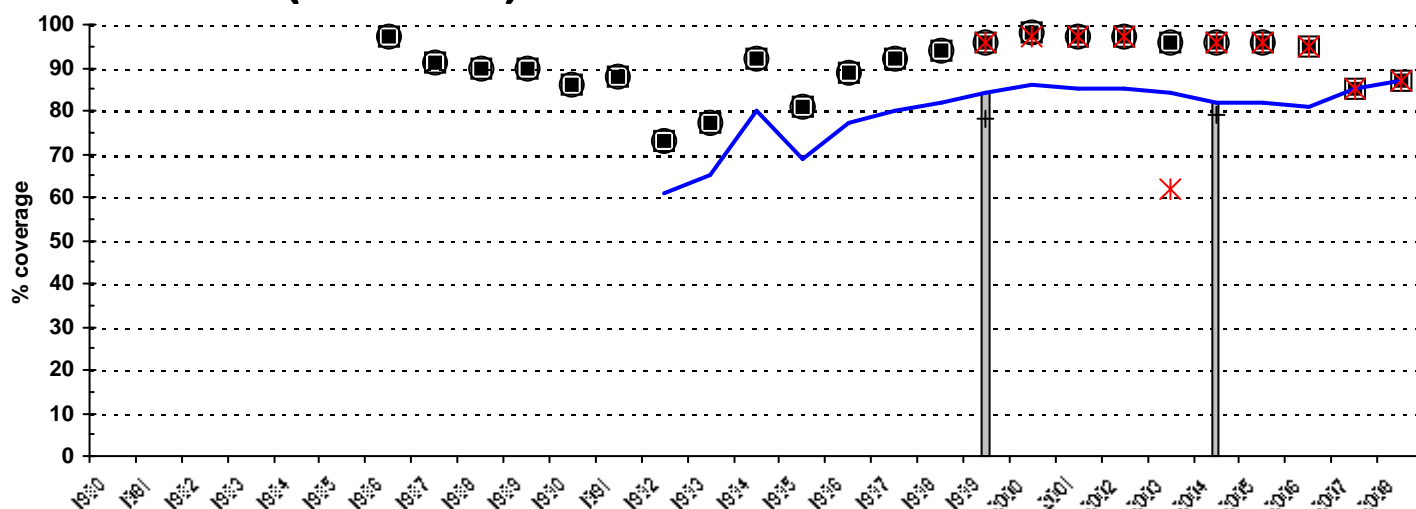
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Tajikistan

## Pol3 (1980-2008)



### Description of trend

The estimates up to 2006 are based on national reports calibrated to the level of the 1999 and 2004 survey points. The estimates for 2007 are on reported data, since updated denominator figures were used to compute the 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		97	97	97			
1987		91	91	91			
1988		90	90	90			
1989		90	90	90			
1990		86	86	86			
1991		88	88	88			
1992	61	73	73	73			
1993	65	77	77	77			
1994	80	92	92	92			
1995	69	81	81	81			
1996	77	89	89	89			
1997	80	92	92	92			
1998	82	94	94	94			
1999	84	96	96	96	96	84	78
2000	86	98	98	98	97		
2001	85	97	97	97	97		
2002	85	97	97	97	97		
2003	84	96	96	96	62		
2004	82	96	96	96	96	82	79
2005	82	96	96	96	96		
2006	81	95	95	95	95		
2007	85	85	85	85	85		
2008	87	87	87	87	87		

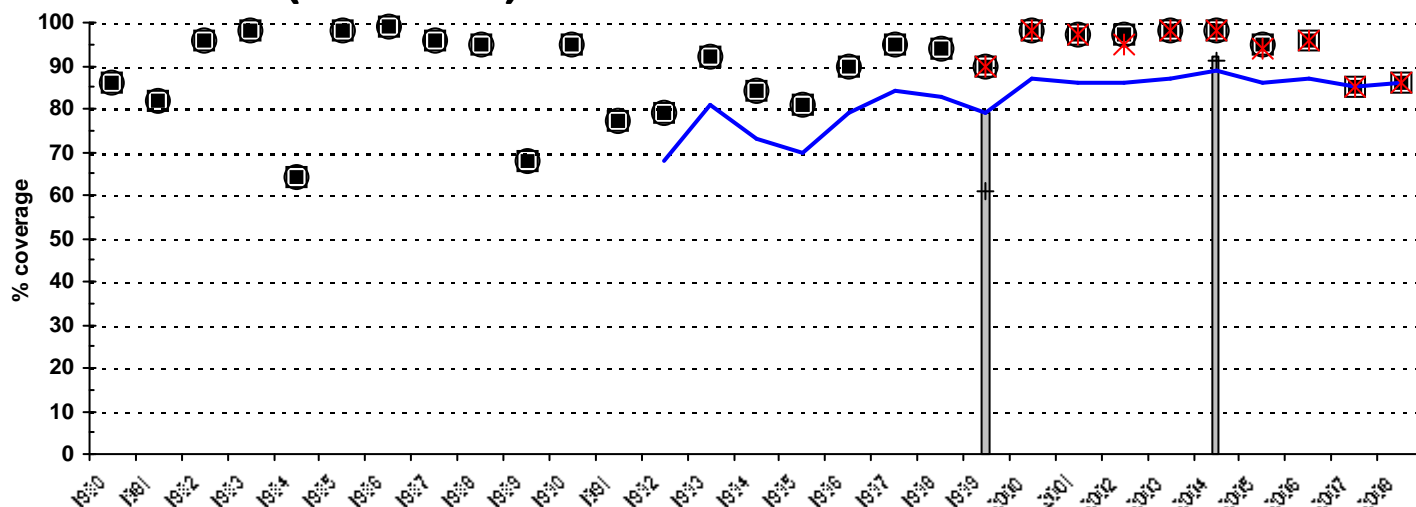
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Tajikistan

## MCV (1980-2008)



### Description of trend

The estimates up to 2006 are based on national reports calibrated to the level of the 1999 and 2004 survey points. The estimates for 2007 are based on reported data, since updated denominator figures were used to compute the 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		86	86	86			
1981		82	82	82			
1982		96	96	96			
1983		98	98	98			
1984		64	64	64			
1985		98	98	98			
1986		99	99	99			
1987		96	96	96			
1988		95	95	95			
1989		68	68	68			
1990		95	95	95			
1991		77	77	77			
1992	68	79	79	79			
1993	81	92	92	92			
1994	73	84	84	84			
1995	70	81	81	81			
1996	79	90	90	90			
1997	84	95	95	95			
1998	83	94	94	94			
1999	79	90	90	90	90	79	61
2000	87	98	98	98	98		
2001	86	97	97	97	97		
2002	86	97	97	97	95		
2003	87	98	98	98	98		
2004	89	98	98	98	98	92	91
2005	86	95	95	95	94		
2006	87	96	96	96	96		
2007	85	85	85	85	85		
2008	86	86	86	86	86		

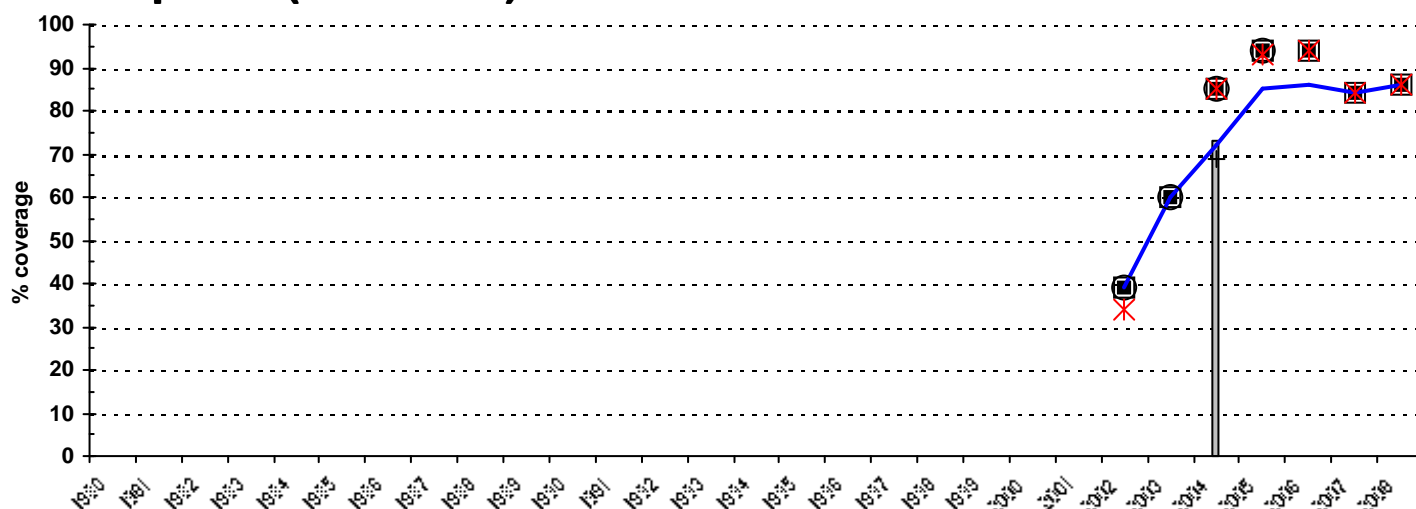
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Tajikistan

## HepB3 (1980-2008)



### Description of trend

Hepatitis B vaccine recently introduced in 2002 and reaches DTP3 levels in 2005. The estimates for 2004-2006 are based on national reports calibrated to the level of the 2004 survey points. The estimates for 2007 are based on reported data, since updated denominator figures were used to compute the 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							
2000							
2001							
2002	39	39	39	39	34		
2003	60	60	60	60			
2004	72	85	85	85	85	73	69
2005	85	94	94	94	93		
2006	86	94	94	94	94		
2007	84	84	84		84		
2008	86	86	86		86		

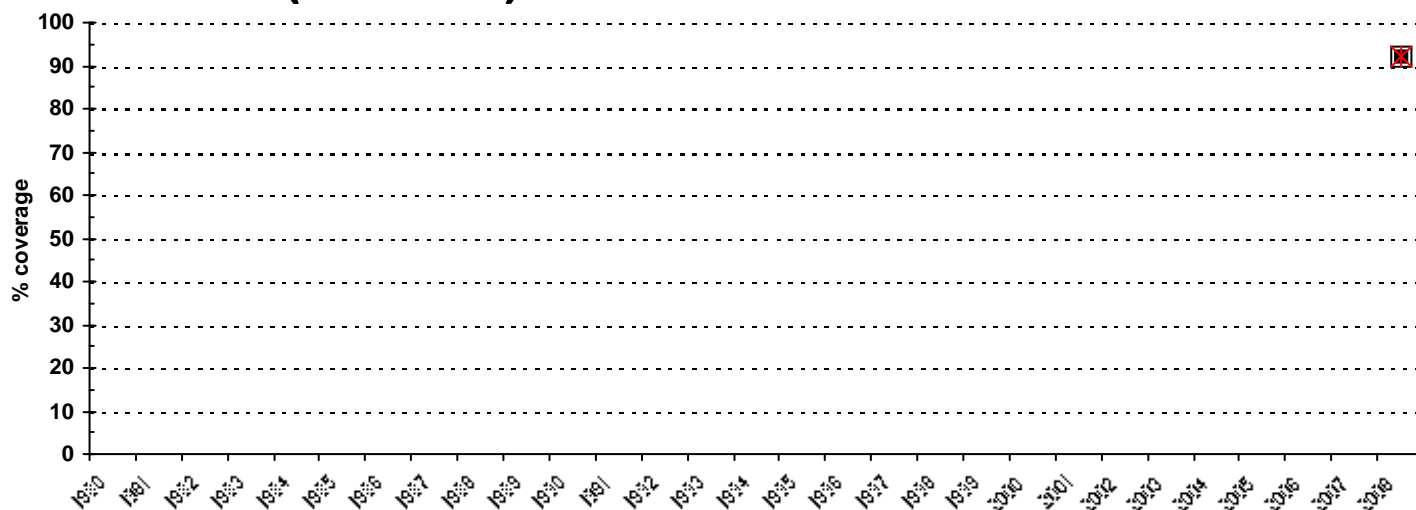
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Tajikistan

## Hib3 (1980-2008)



### Description of trend

DTP-HepB-Hib combination vaccine introduced in 2008 with 92% coverage achieved in 50% of the country.

### 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	46	92	92		92		

\*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.

# Tajikistan

## Details Survey Data

### Year Source

Antigen	Confirmation method	% coverage	Compliance with schedule	Age group	Sample size	% cards seen	Survey year	Comments
<b>2004 Тадќикоти кластері аз рӯи нишондињандањои зиёди соли 2005</b>								
BCG	Card or History	94.9		18-29 m	826	83.2	2005	
BCG	C or H <12 month	94.5		18-29 m	826	83.2	2005	
DTP1	Card or History	93		18-29 m	826	83.2	2005	
DTP1	C or H <12 month	91		18-29 m	826	83.2	2005	
DTP3	Card or History	86.3		18-29 m	826	83.2	2005	
DTP3	C or H <12 month	81.6		18-29 m	826	83.2	2005	
Pol3	Card or History	82.1		18-29 m	826	83.2	2005	
Pol3	C or H <12 month	78.9		18-29 m	826	83.2	2005	
MCV	Card or History	92		18-29 m	826	83.2	2005	
MCV	C or H <12 month	91.1		18-29 m	826	83.2	2005	
HepB	Card or History	72.9		18-29 m	826	83.2	2005	
HepB	C or H <12 month	68.9		18-29 m	826	83.2	2005	

### 1999 Multiple Indicator Cluster Survey, Tajikistan 2000

BCG	Card or History	91.8		12-23 m	745	78	2000	
BCG	C or H <12 month	88.7		12-23 m	745	78	2000	
DTP1	Card or History	87.6		12-23 m	745	78	2000	
DTP1	C or H <12 month	83.8		12-23 m	745	78	2000	
DTP3	Card or History	81.9		12-23 m	745	78	2000	number taken from different table in survey report, since the 92.6 (adding Card + History) seems too high
DTP3	C or H <12 month	75.6		12-23 m	745	78	2000	
Pol3	Card or History	84.3		12-23 m	745	78	2000	
Pol3	C or H <12 month	78.3		12-23 m	745	78	2000	
MCV	Card or History	78.8		12-23 m	745	78	2000	
MCV	C or H <12 month	61.2		12-23 m	745	78	2000	

