

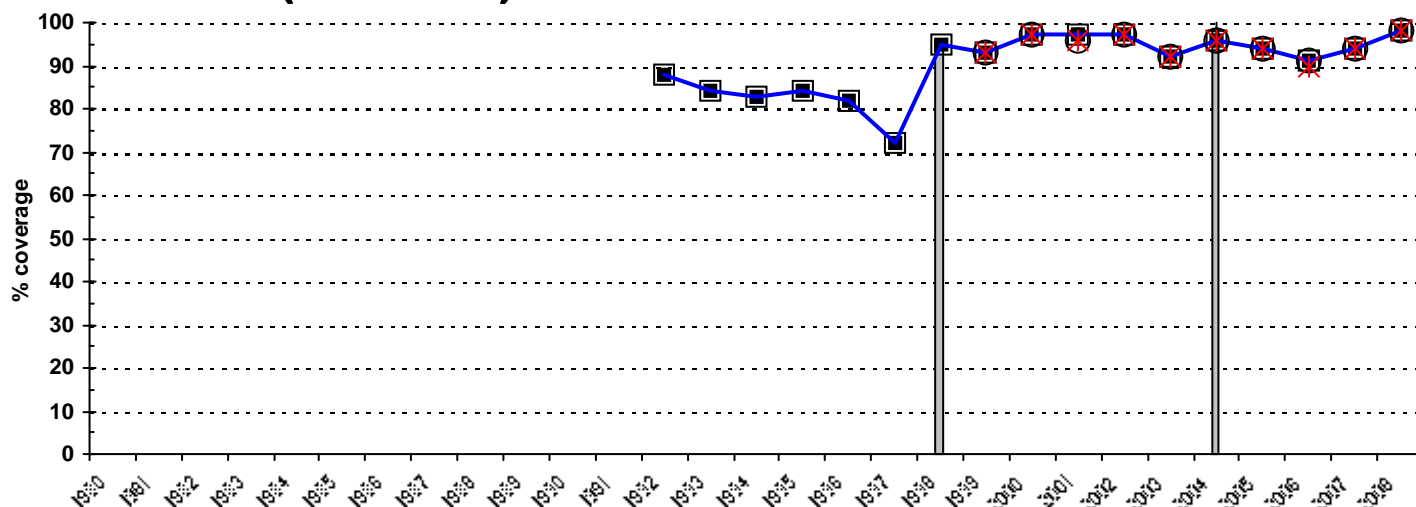
**WHO/UNICEF
Review of National Immunization Coverage
1980-2008**

Armenia

July, 2009

Armenia

BCG (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data. The DHS 2005 with a sample size of 302 children confirms estimated 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	88	88	88				
1993	84	84	84				
1994	83	83	83				
1995	84	84	84				
1996	82	82	82				
1997	72	72	72				
1998	95	95	95			96	
1999	93	93	93	93	93		
2000	97	97	97	97	97		
2001	97	97	97	96	96		
2002	97	97	97	97	97		
2003	92	92	92	92	92		
2004	96	96	96	96	96	98	98
2005	94	94	94	94	94		
2006	91	91	91	91	90		
2007	94	94	94	94	94		
2008	98	98	98	98	98		

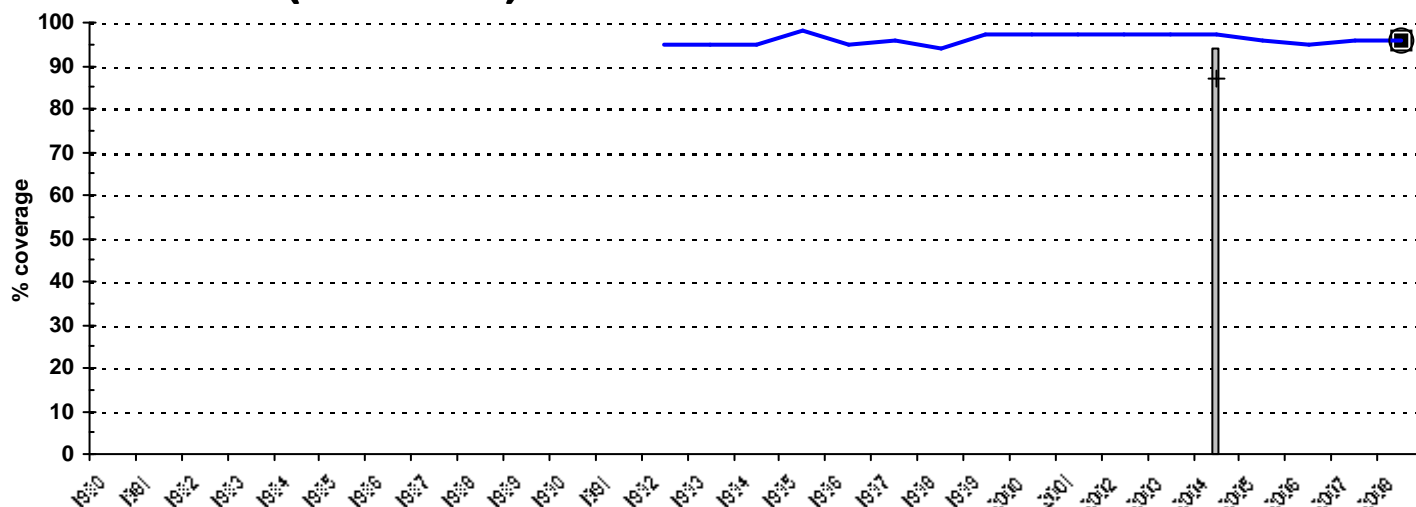
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Armenia

DTP1 (1980-2008)



Description of trend

WHO and UNICEF began requesting data on DTP1 coverage in 2001. 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. The DHS 2005 with a sample size of 302 children confirms estimated 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	95						
1993	95						
1994	95						
1995	98						
1996	95						
1997	96						
1998	94						
1999	97						
2000	97						
2001	97						
2002	97						
2003	97						
2004	97					94	87
2005	96						
2006	95						
2007	96						
2008	96	96	96	96			

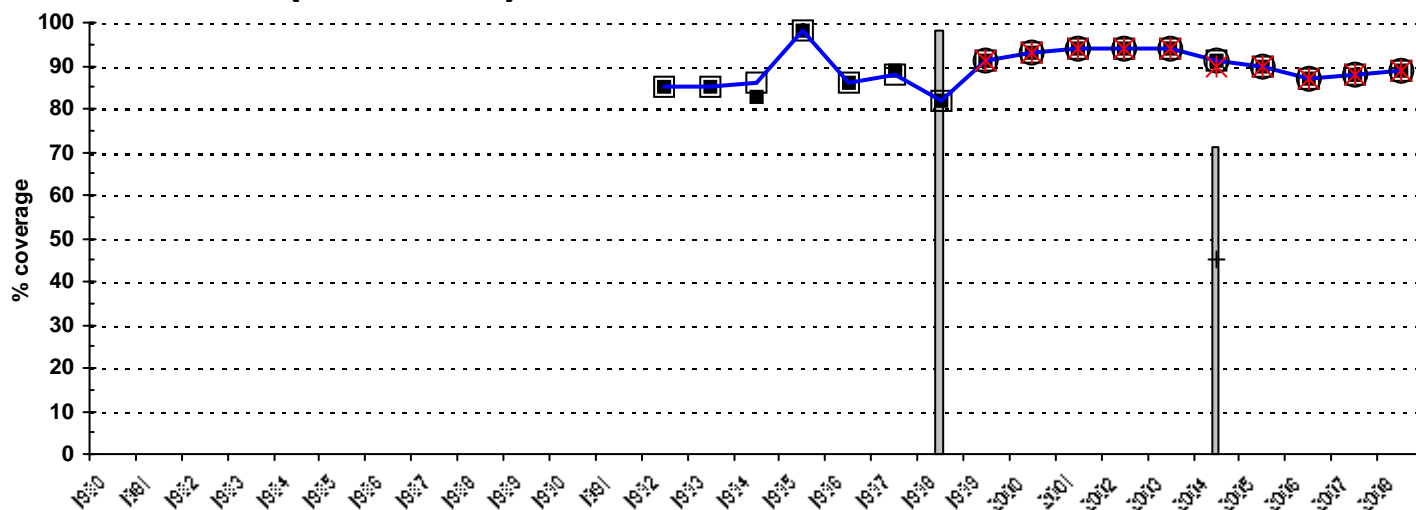
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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Armenia

DTP3 (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data. The 1999 survey (Evaluation of the National Immunization Program of the Republic of Armenia 1999) reports a slightly higher rate in 1998. The DHS 2005 with a sample size of 302 children suggest significantly lower 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	85	85	85				
1993	85	85	85				
1994	86	86	83				
1995	98	98	98				
1996	86	86	86				
1997	88	88	89				
1998	82	82	82			98	
1999	91	91	91	91	91		
2000	93	93	93	93	93		
2001	94	94	94	94	94		
2002	94	94	94	94	94		
2003	94	94	94	94	94		
2004	91	91	91	91	90	71	45
2005	90	90	90	90	90		
2006	87	87	87	87	87		
2007	88	88	88	88	88		
2008	89	89	89	89	89		

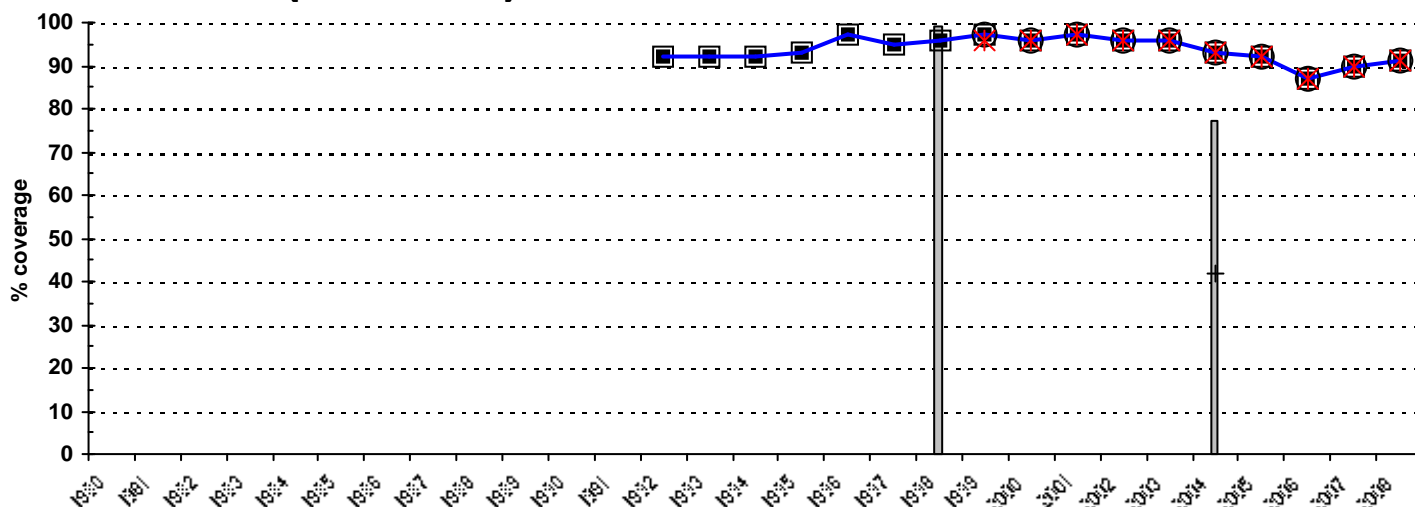
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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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.

Armenia

Pol3 (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data. The 1999 survey (Evaluation of the National Immunization Program of the Republic of Armenia 1999) confirms levels of officially reported data. The DHS 2005 with a sample size of 302 children suggest significantly lower 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	92	92	92				
1993	92	92	92				
1994	92	92	92				
1995	93	93	93				
1996	97	97	97				
1997	95	95	95				
1998	96	96	96			99	
1999	97	97	97	97	96		
2000	96	96	96	96	96		
2001	97	97	97	97	97		
2002	96	96	96	96	96		
2003	96	96	96	96	96		
2004	93	93	93	93	93	77	42
2005	92	92	92	92	92		
2006	87	87	87	87	87		
2007	90	90	90	90	90		
2008	91	91	91	91	91		

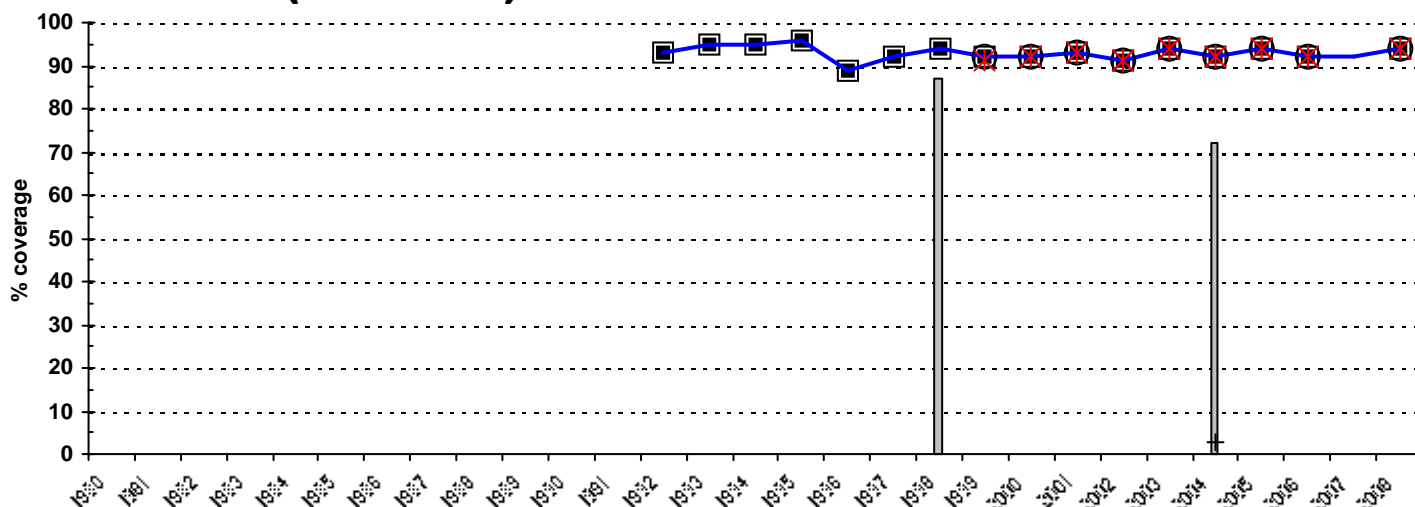
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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Armenia

MCV (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data. The 1999 survey (Evaluation of the National Immunization Program of the Republic of Armenia 1999) confirms levels of officially reported data. The DHS 2005 with a sample size of 302 children suggest significantly lower 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	93	93	93				
1993	95	95	95				
1994	95	95	95				
1995	96	96	96				
1996	89	89	89				
1997	92	92	92				
1998	94	94	94			87	
1999	92	92	92	92	91		
2000	92	92	92	92	92		
2001	93	93	93	93	93		
2002	91	91	91	91	91		
2003	94	94	94	94	94		
2004	92	92	92	92	92	72	3
2005	94	94	94	94	94		
2006	92	92	92	92	92		
2007	92						
2008	94	94	94	94	94		

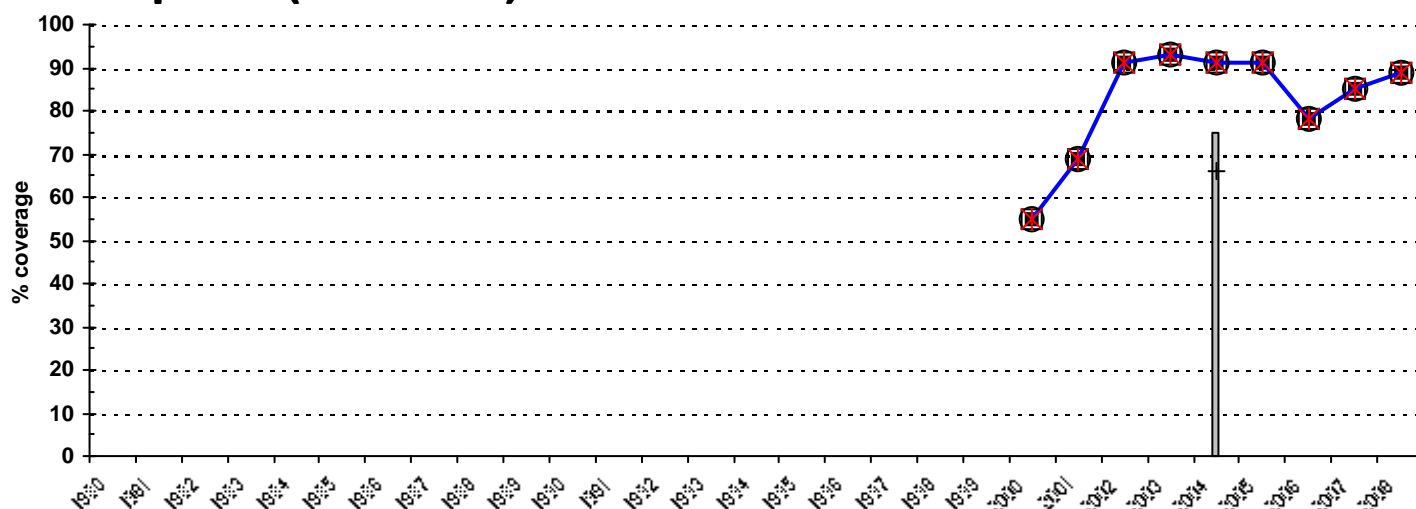
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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Armenia

HepB3 (1980-2008)



Description of trend

Hepatitis B vaccine was introduced in 2000. Estimated coverage levels are based on reported data. The DHS 2005 with a sample size of 30 children suggest significantly lower 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							
2000	55	55	55	55	55		
2001	69	69	69	69	69		
2002	91	91	91	91	91		
2003	93	93	93	93	93		
2004	91	91	91	91	91	75	66
2005	91	91	91	91	91		
2006	78	78	78	78	78		
2007	85	85	85	85	85		
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.

Armenia

Details Survey Data

Year Source

Antigen	Confirmation method	% coverage	Compliance with schedule	Age group	Sample size	% cards seen	Survey year	Comments
2004 Armenia Demographic and Health Survey 2005								
BCG	Card or History	98.1		12-23 m	302	91.7	2005	
BCG	C or H <12 month	97.9		12-23 m	302	91.7	2005	
DTP1	Card or History	94.5		12-23 m	302	91.7	2005	
DTP1	C or H <12 month	86.7		12-23 m	302	91.7	2005	
DTP3	Card or History	71.4		12-23 m	302	91.7	2005	
DTP3	C or H <12 month	44.8		12-23 m	302	91.7	2005	
Pol3	Card or History	76.9		12-23 m	302	91.7	2005	
Pol3	C or H <12 month	41.6		12-23 m	302	91.7	2005	
MCV	Card or History	72.3		12-23 m	302	91.7	2005	
MCV	C or H <12 month	2.9		12-23 m	302	91.7	2005	
HepB	Card or History	75.4		12-23 m	302	91.7	2005	
HepB	C or H <12 month	66.5		12-23 m	302	91.7	2005	

1998 Evaluation of the National Immunization Program of the Republic of Armenia 1999

BCG	Card or History	95.7		15-26 m	2145		1999	includes Scar: Source for CARD includes Immunization Passport (since 95), children's medical records and other facility-based records (Form 112, Form 63). 41.2 % had an immunization document at home
DTP1	Card or History			15-26 m	2145		1999	Source for CARD includes Immunization Passport (since 95), children's medical records and other facility-based records (Form 112, Form 63). 41.2 % had an immunization document at home
DTP3	Card or History	97.7		15-26 m	2145		1999	Source for CARD includes Immunization Passport (since 95), children's medical records and other facility-based records (Form 112, Form 63). 41.2 % had an immunization document at home
Pol3	Card or History	99.4		15-26 m	2145		1999	Source for CARD includes Immunization Passport (since 95), children's medical records and other facility-based records (Form 112, Form 63). 41.2 % had an immunization document at home
MCV	Card or History	87.2		15-26 m	2145		1999	Source for CARD includes Immunization Passport (since 95), children's medical records and other facility-based records (Form 112, Form 63). 41.2 % had an immunization document at home