

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

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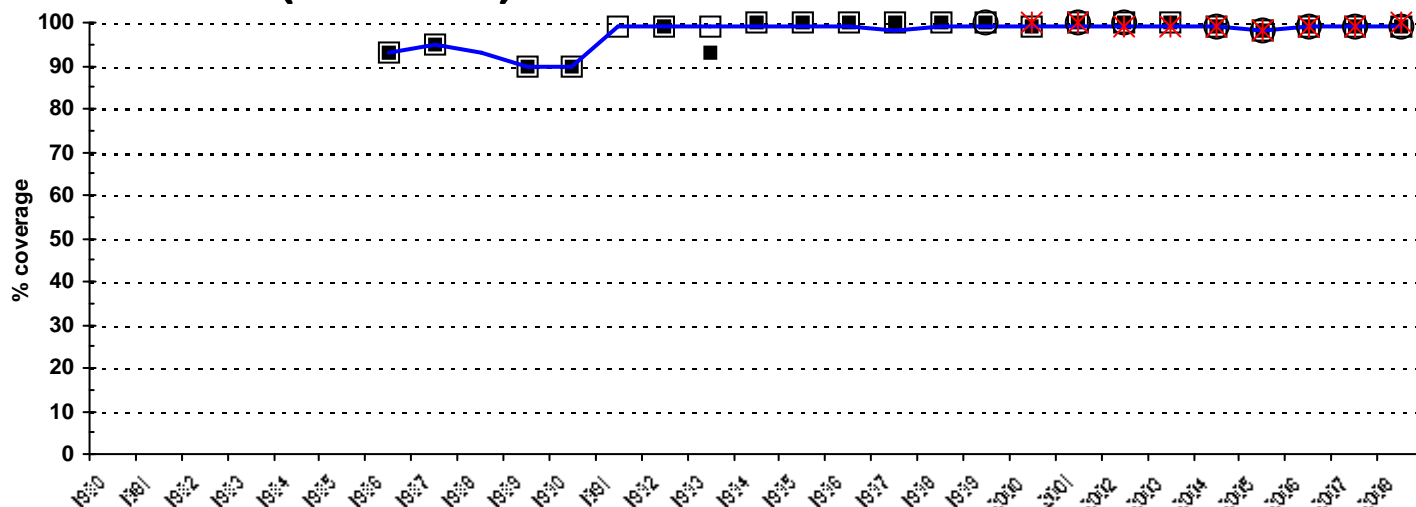
***Romania***

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**July, 2009**

# Romania

## BCG (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data. WHO and UNICEF recommend a nationally representative survey.

### 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	93	93	93				
1987	95	95	95				
1988	93						
1989	90	90	90				
1990	90	90	90				
1991	99	99					
1992	99	99	99				
1993	99	99	93				
1994	99	100	100				
1995	99	100	100				
1996	99	100	100				
1997	98	100	100				
1998	99	100	100				
1999	99	100	100	100			
2000	99	99	99		100		
2001	99	100	100	100	100		
2002	99	100	100	100	99		
2003	99	100	100		99		
2004	99	99	99	99	99		
2005	98	98	98	98	98		
2006	99	99	99	99	99		
2007	99	99	99	99	99		
2008	99	99	99	99	100		

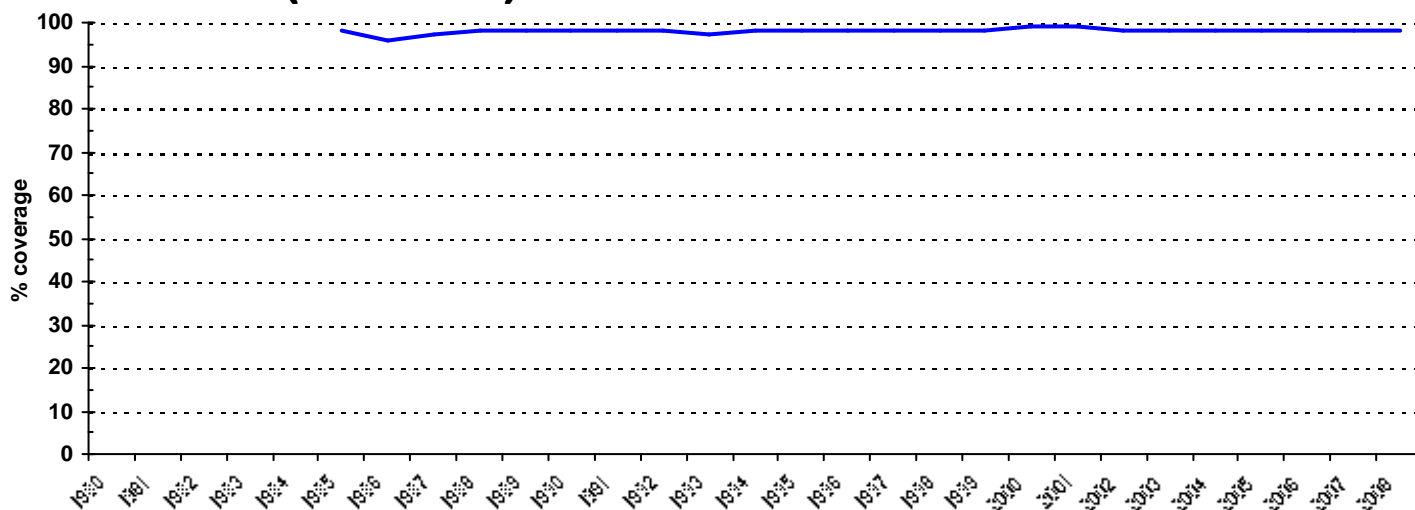
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Romania

## 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 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							
1981							
1982							
1983							
1984							
1985	98						
1986	96						
1987	97						
1988	98						
1989	98						
1990	98						
1991	98						
1992	98						
1993	97						
1994	98						
1995	98						
1996	98						
1997	98						
1998	98						
1999	98						
2000	99						
2001	99						
2002	98						
2003	98						
2004	98						
2005	98						
2006	98						
2007	98						
2008	98						

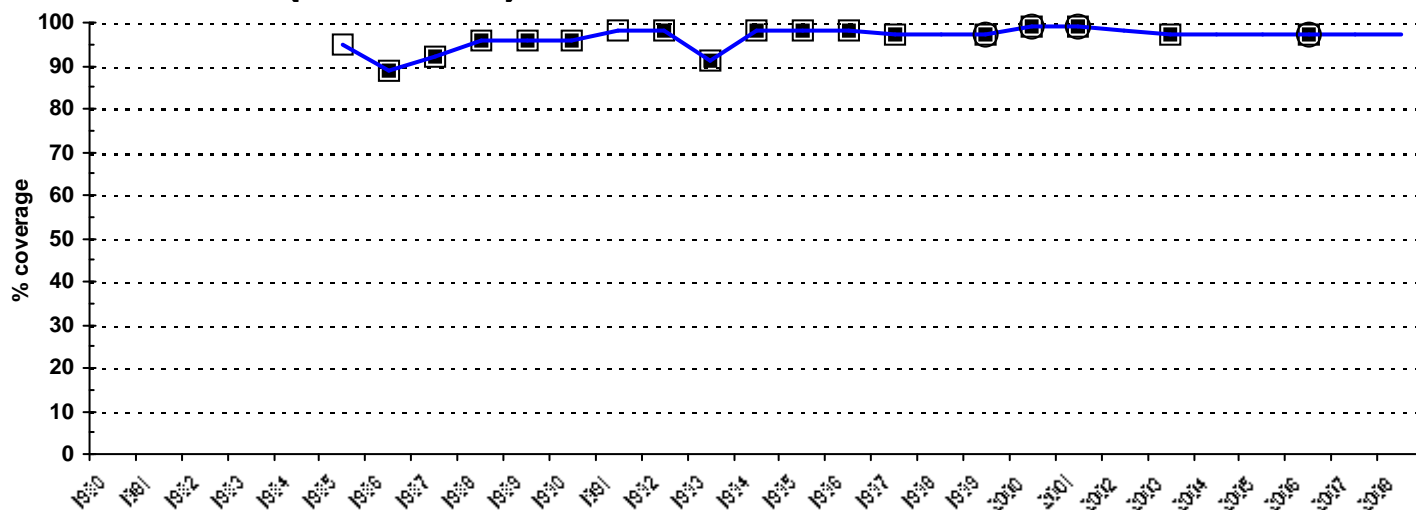
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Romania

## DTP3 (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on DTP4 coverage levels. WHO and UNICEF recommend a nationally representative su

### 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	95	95					
1986	89	89	89				
1987	92	92	92				
1988	96	96	96				
1989	96	96	96				
1990	96	96	96				
1991	98	98					
1992	98	98	98				
1993	91	91	91				
1994	98	98	98				
1995	98	98	98				
1996	98	98	98				
1997	97	97	97				
1998	97						
1999	97	97	97	97			
2000	99	99	99	99			
2001	99	99	99	99			
2002	98						
2003	97	97	97				
2004	97						
2005	97						
2006	97	97	97	97			
2007	97						
2008	97						

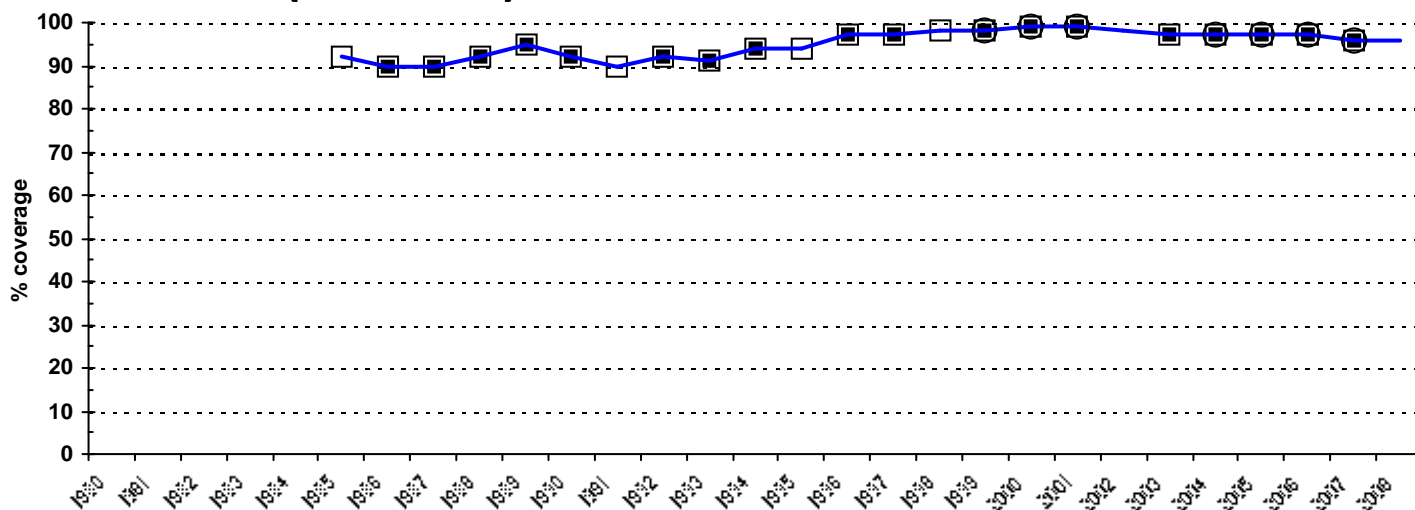
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Romania

## Pol3 (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported POL4 coverage levels. WHO and UNICEF recommend a nationally represent survey.

### 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	92	92					
1986	90	90	90				
1987	90	90	90				
1988	92	92	92				
1989	95	95	95				
1990	92	92	92				
1991	90	90					
1992	92	92	92				
1993	91	91	91				
1994	94	94	94				
1995	94	94					
1996	97	97	97				
1997	97	97	97				
1998	98	98					
1999	98	98	98	98			
2000	99	99	99	99			
2001	99	99	99	99			
2002	98						
2003	97	97	97				
2004	97	97	97	97			
2005	97	97	97	97			
2006	97	97	97	97			
2007	96	96	96	96			
2008	96						

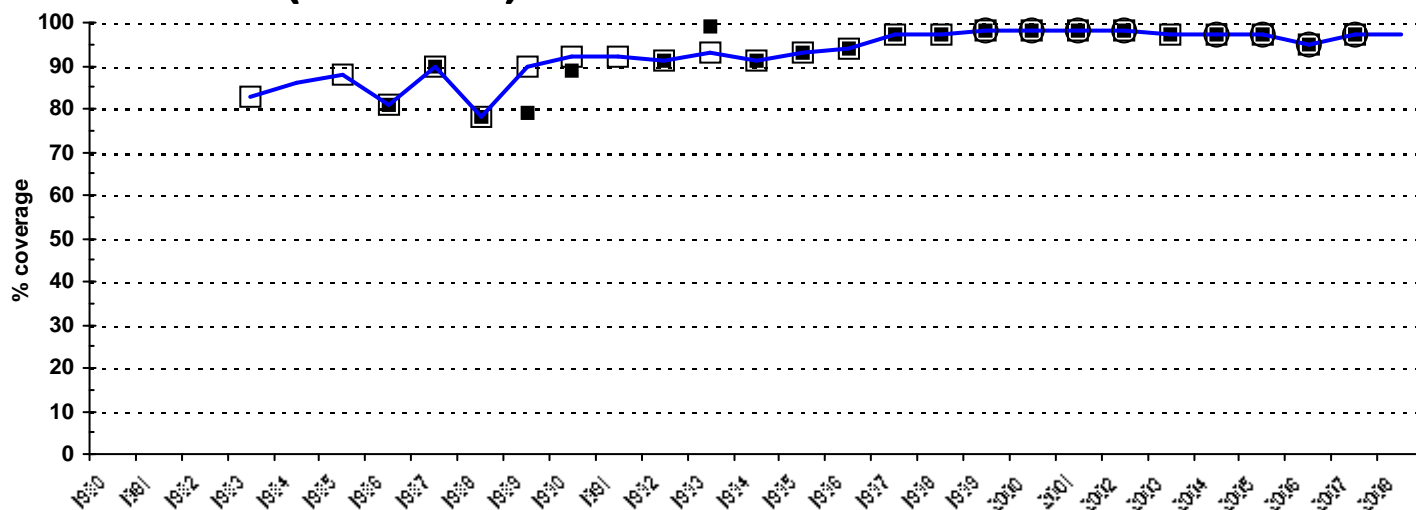
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Romania

## MCV (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data. WHO and UNICEF recommend a nationally representative survey.

### 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	83	83					
1984	86						
1985	88	88					
1986	81	81	81				
1987	90	90	90				
1988	78	78	78				
1989	90	90	79				
1990	92	92	89				
1991	92	92					
1992	91	91	91				
1993	93	93	99				
1994	91	91	91				
1995	93	93	93				
1996	94	94	94				
1997	97	97	97				
1998	97	97	97				
1999	98	98	98	98			
2000	98	98	98	98			
2001	98	98	98	98			
2002	98	98	98	98			
2003	97	97	97				
2004	97	97	97	97			
2005	97	97	97	97			
2006	95	95	95	95			
2007	97	97	97	97			
2008	97						

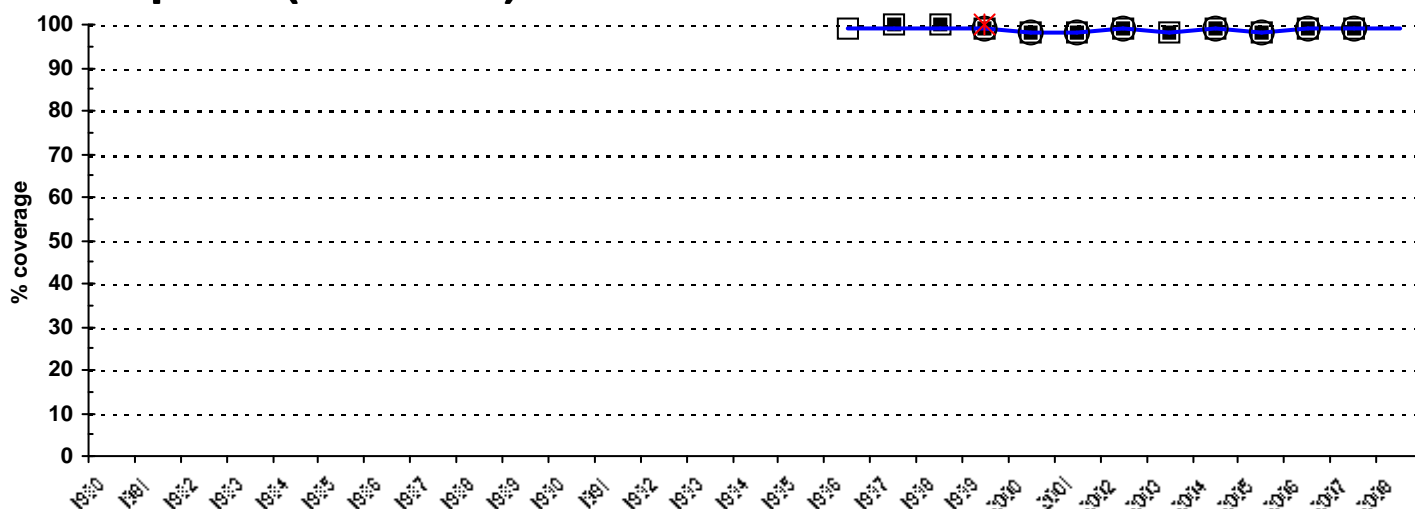
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*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.

# Romania

## HepB3 (1980-2008)



### Description of trend

The HepB vaccine was introduced in 1995. Estimated immunization coverage levels are based on reported data. WHO and UNICEF recommend a nationally representative survey.

### 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	99	99					
1997	99	100	100				
1998	99	100	100				
1999	99	99	99	99	100		
2000	98	98	98	98			
2001	98	98	98	98			
2002	99	99	99	99			
2003	98	98	98				
2004	99	99	99	99			
2005	98	98	98	98			
2006	99	99	99	99			
2007	99	99	99	99			
2008	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.

