

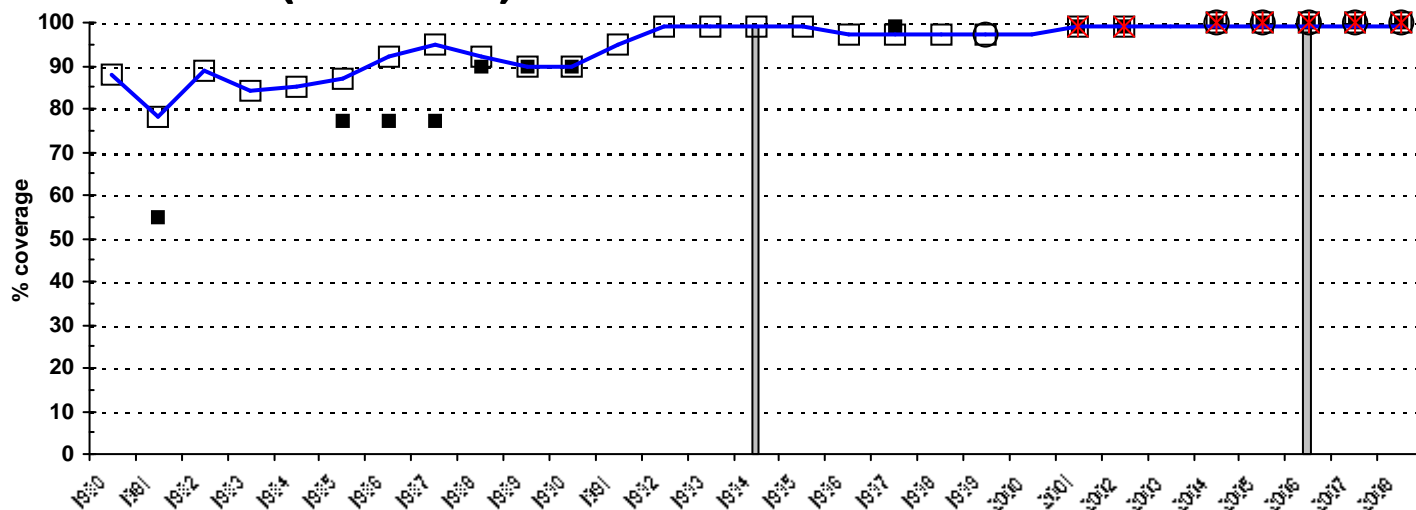
**WHO/UNICEF
Review of National Immunization Coverage
1980-2008**

Libyan Arab Jamahiriya

July, 2009

Libyan Arab Jamahiriya

BCG (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data, supported by survey results.

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	88	88					
1981	78	78	55				
1982	89	89					
1983	84	84					
1984	85	85					
1985	87	87	77				
1986	92	92	77				
1987	95	95	77				
1988	92	92	90				
1989	90	90	90				
1990	90	90	90				
1991	95	95					
1992	99	99					
1993	99	99					
1994	99	99				99	
1995	99	99					
1996	97	97					
1997	97	97	99				
1998	97	97					
1999	97	97		97			
2000	97						
2001	99	99	99		99		
2002	99	99	99		99		
2003	99						
2004	99	100	100	100	100		
2005	99	100	100	100	100		
2006	99	100	100	100	100	100	
2007	99	100	100	100	100		
2008	99	100	100	100	100		

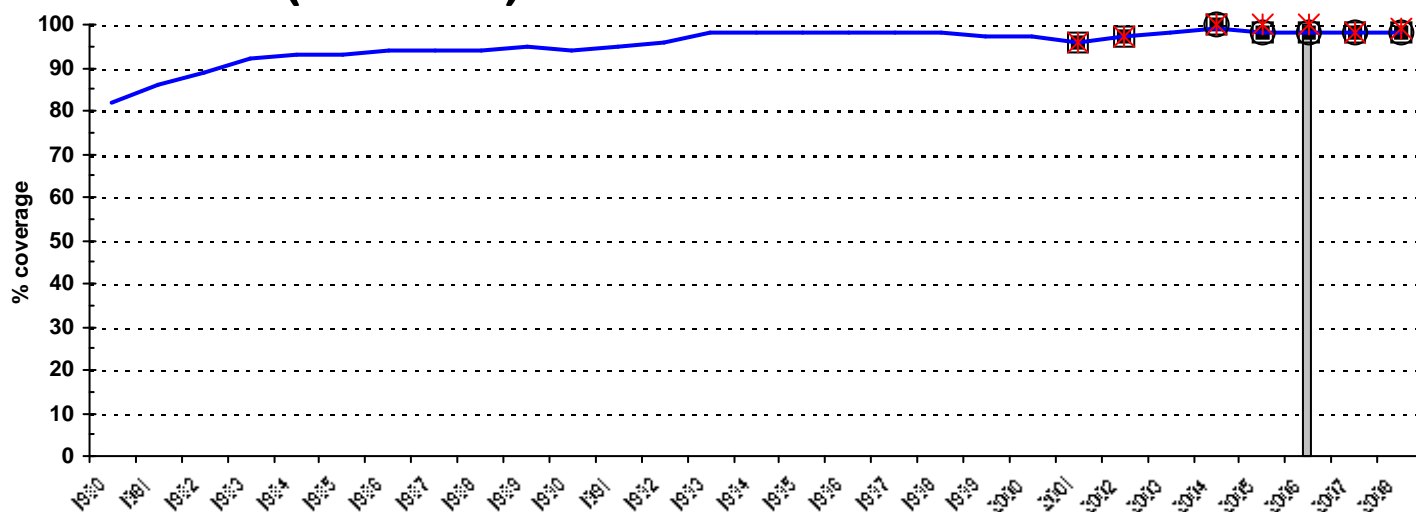
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Libyan Arab Jamahiriya

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 for 2001 ; 2002. The DTP1 estimates from 2001 and 2002 are based on these reports. For other years 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	82						
1981	86						
1982	89						
1983	92						
1984	93						
1985	93						
1986	94						
1987	94						
1988	94						
1989	95						
1990	94						
1991	95						
1992	96						
1993	98						
1994	98						
1995	98						
1996	98						
1997	98						
1998	98						
1999	97						
2000	97						
2001	96	96	96		96		
2002	97	97	97		97		
2003	98						
2004	99	100	100	100	100		
2005	98	98	98	98	100		
2006	98	98	98	98	100	100	
2007	98	98	98	98	98		
2008	98	98	98	98	99		

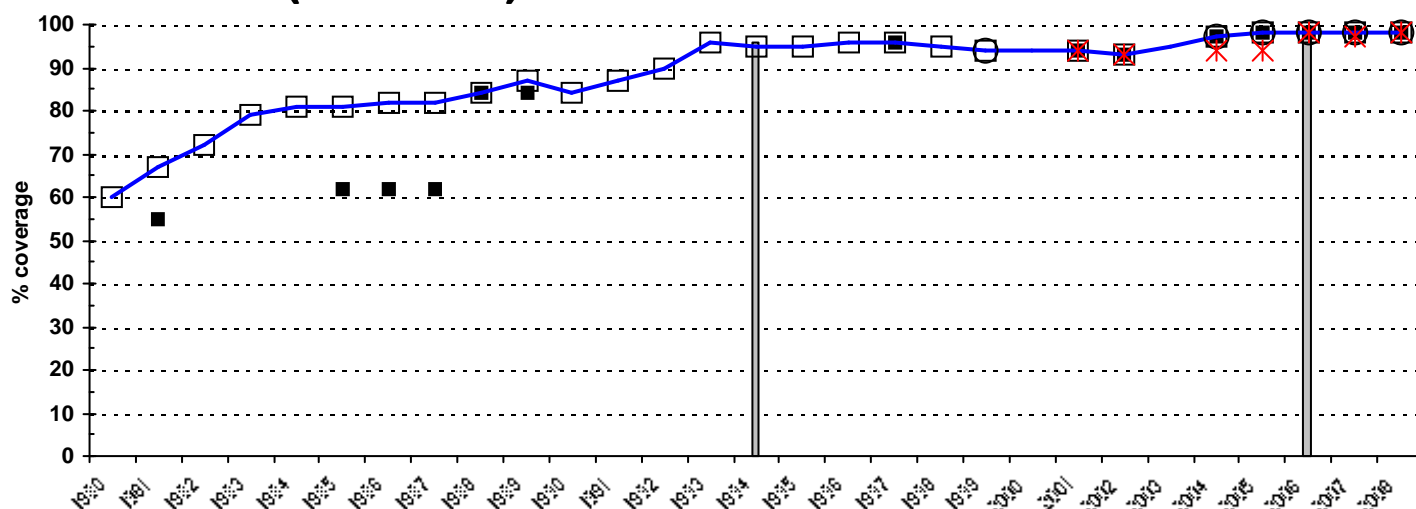
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Libyan Arab Jamahiriya

DTP3 (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data, supported by survey results.

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	60	60					
1981	67	67	55				
1982	72	72					
1983	79	79					
1984	81	81					
1985	81	81	62				
1986	82	82	62				
1987	82	82	62				
1988	84	84	84				
1989	87	87	84				
1990	84	84					
1991	87	87					
1992	90	90					
1993	96	96					
1994	95	95				96	
1995	95	95					
1996	96	96					
1997	96	96	96				
1998	95	95					
1999	94	94		94			
2000	94						
2001	94	94	94		94		
2002	93	93	93		93		
2003	95						
2004	97	97	97	97	94		
2005	98	98	98	98	94		
2006	98	98	98	98	98	98	
2007	98	98	98	98	97		
2008	98	98	98	98	98		

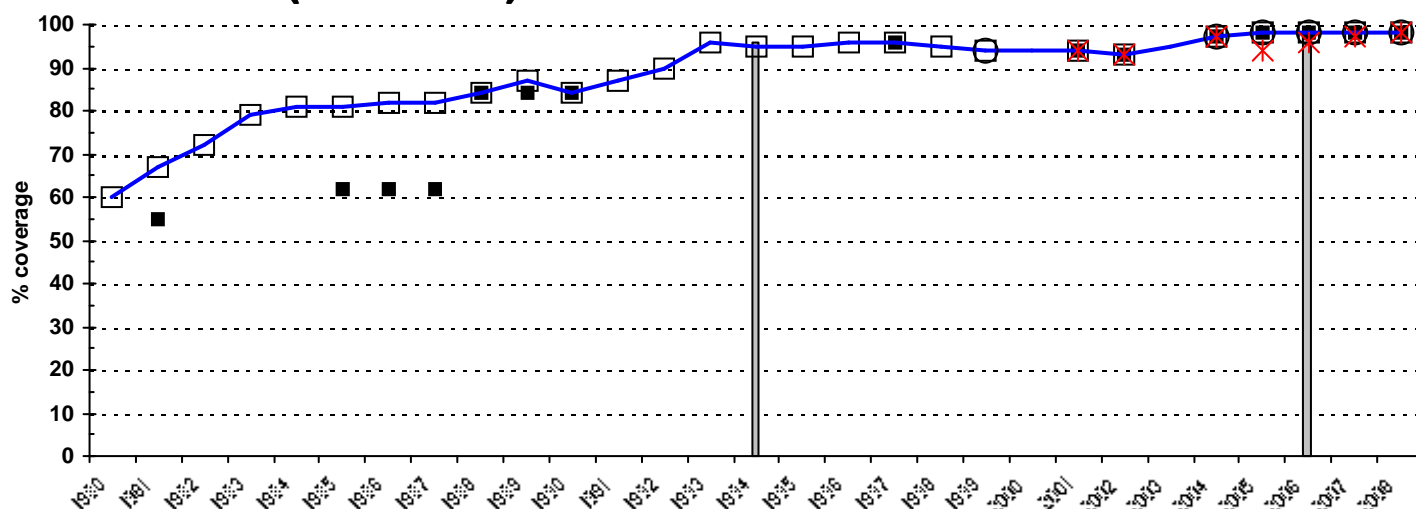
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Libyan Arab Jamahiriya

Pol3 (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data, supported by survey results.

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	60	60					
1981	67	67	55				
1982	72	72					
1983	79	79					
1984	81	81					
1985	81	81	62				
1986	82	82	62				
1987	82	82	62				
1988	84	84	84				
1989	87	87	84				
1990	84	84	84				
1991	87	87					
1992	90	90					
1993	96	96					
1994	95	95				96	
1995	95	95					
1996	96	96					
1997	96	96	96				
1998	95	95					
1999	94	94		94			
2000	94						
2001	94	94	94		94		
2002	93	93	93		93		
2003	95						
2004	97	97	97	97	97		
2005	98	98	98	98	94		
2006	98	98	98	98	96	98	
2007	98	98	98	98	97		
2008	98	98	98	98	98		

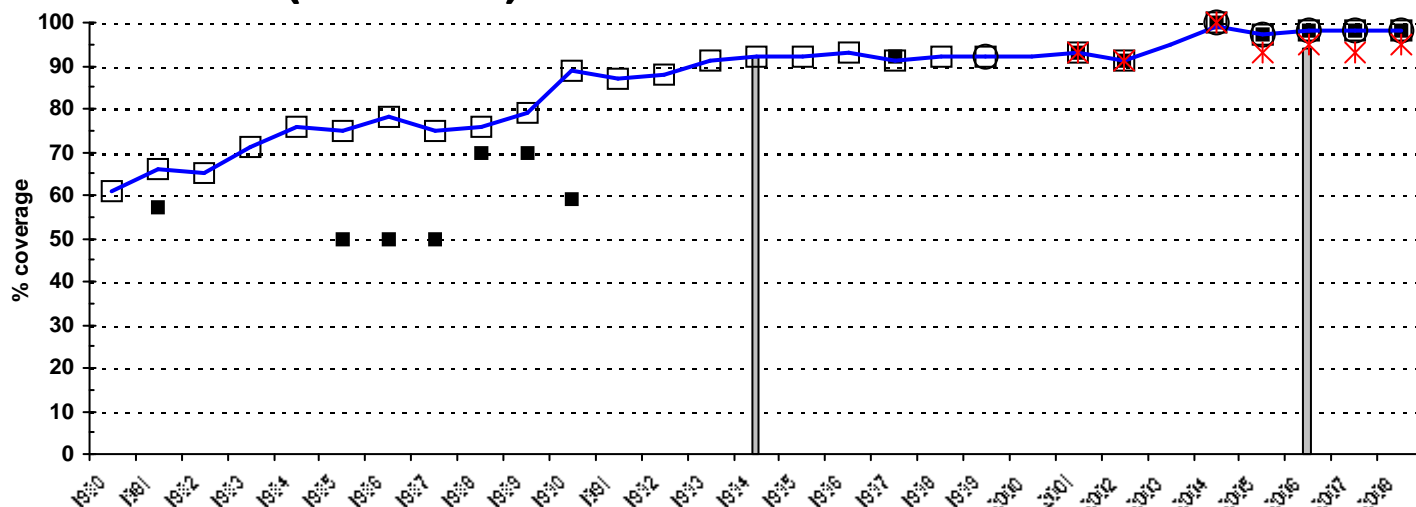
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Libyan Arab Jamahiriya

MCV (1980-2008)



Description of trend

Estimated immunization coverage levels are based on reported data, supported by survey results.

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	61	61					
1981	66	66	57				
1982	65	65					
1983	71	71					
1984	76	76					
1985	75	75	50				
1986	78	78	50				
1987	75	75	50				
1988	76	76	70				
1989	79	79	70				
1990	89	89	59				
1991	87	87					
1992	88	88					
1993	91	91					
1994	92	92				92	
1995	92	92					
1996	93	93					
1997	91	91	92				
1998	92	92					
1999	92	92		92			
2000	92						
2001	93	93	93		93		
2002	91	91	91		91		
2003	95						
2004	99	100	100	100	100		
2005	97	97	97	97	93		
2006	98	98	98	98	95	94	
2007	98	98	98	98	93		
2008	98	98	98	98	95		

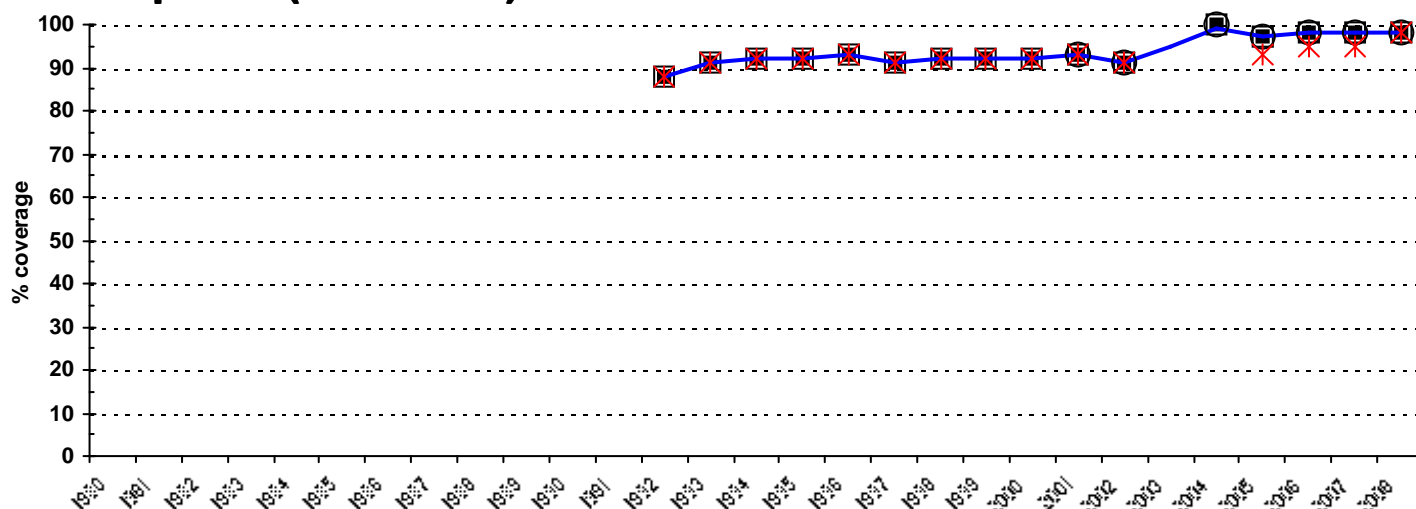
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Libyan Arab Jamahiriya

HepB3 (1980-2008)



Description of trend

Hepatitis B vaccination introduced prior to 2000. Estimated immunization coverage levels are based on reported data.

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	91	91	91		91		
1994	92	92	92		92		
1995	92	92	92		92		
1996	93	93	93		93		
1997	91	91	91		91		
1998	92	92	92		92		
1999	92	92	92		92		
2000	92	92	92		92		
2001	93	93	93	93	93		
2002	91	91	91	91	91		
2003	95						
2004	99	100	100	100	104		
2005	97	97	97	97	93		
2006	98	98	98	98	95		
2007	98	98	98	98	95		
2008	98	98	98	98	98		

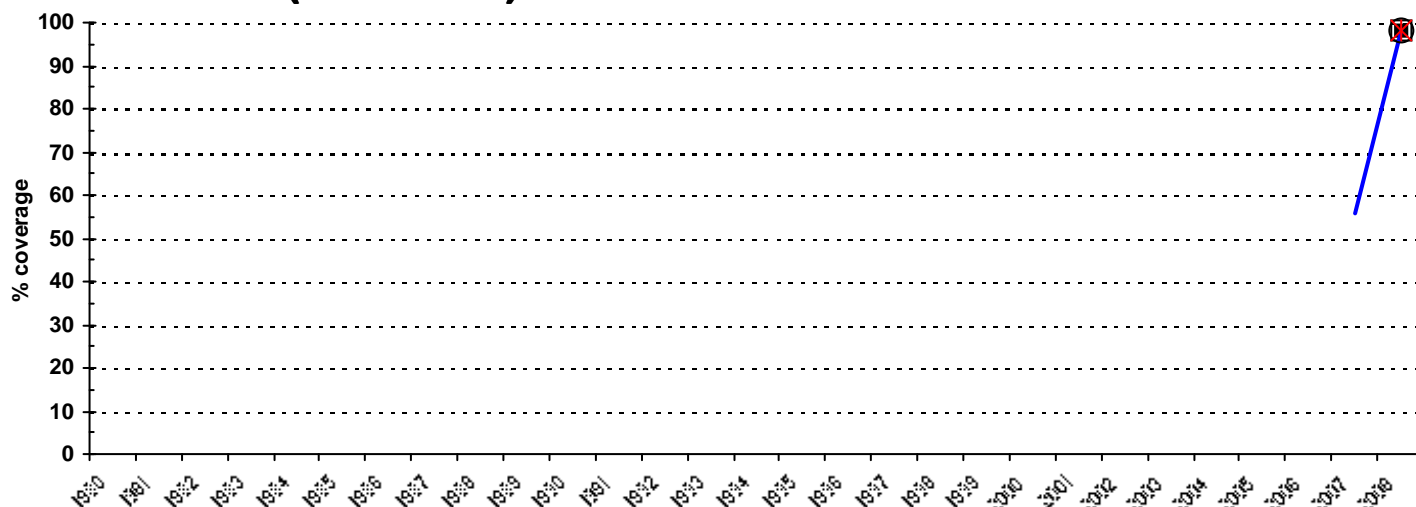
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Libyan Arab Jamahiriya

Hib3 (1980-2008)



Description of trend

Hib vaccine was introduced in 2007, when the target group represented 60% of the country's population with 94% 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							
2003							
2004							
2005							
2006							
2007	56						
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.

Libyan Arab Jamahiriya

Details Survey Data

Year Source

Antigen	Confirmation method	% coverage	Compliance with schedule	Age group	Sample size	% cards seen	Survey year	Comments
2006 <i>ةسرلاة حصلييلا ينطولا حسلما , ليولأ ريرقتلا</i>								
BCG	Card or History	99.9		12-23 m	11920	81	2007	
DTP1	Card or History	99.7		12-23 m	11920	81	2007	
DTP3	Card or History	98.2		12-23 m	11920	81	2007	
Pol3	Card or History	98.2		12-23 m	11920	81	2007	
MCV	Card or History	93.7		12-23 m	11920	81	2007	

1994 Arab Libyan Maternal and Child Health Survey, 1995, Country Summary Sheet

BCG	Card or History	98.9		12-23 m			1995	
DTP1	Card or History			12-23 m			1995	
DTP3	Card or History	95.6		12-23 m			1995	
Pol3	Card or History	95.6		12-23 m			1995	
MCV	Card or History	91.9		12-23 m			1995	

