

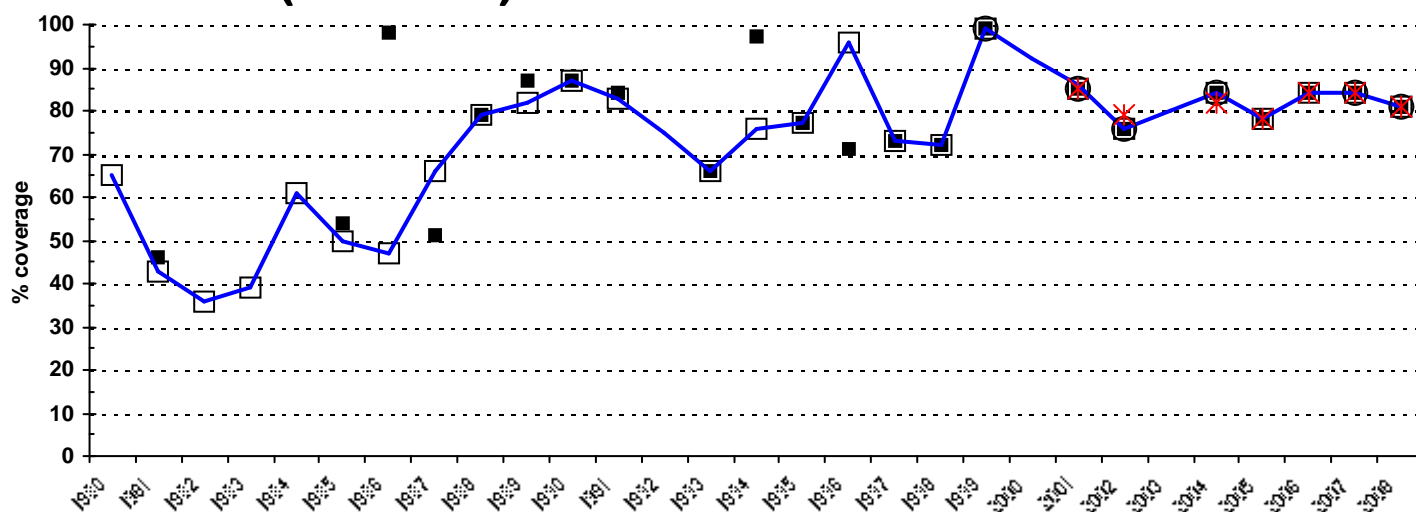
**WHO/UNICEF
Review of National Immunization Coverage
1980-2008**

Solomon Islands

July, 2009

Solomon Islands

BCG (1980-2008)



Description of trend

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	65	65					
1981	43	43	46				
1982	36	36					
1983	39	39					
1984	61	61					
1985	50	50	54				
1986	47	47	98				
1987	66	66	51				
1988	79	79	79				
1989	82	82	87				
1990	87	87	87				
1991	83	83	84				
1992	75						
1993	66	66	66				
1994	76	76	97				
1995	77	77	77				
1996	96	96	71				
1997	73	73	73				
1998	72	72	72				
1999	99	99	99	99			
2000	92						
2001	86	85	85	85	85		
2002	76	76	76	76	79		
2003	80						
2004	84	84	84	84	82		
2005	78	78	78		78		
2006	84	84	84		84		
2007	84	84	84	84	84		
2008	81	81	81	81	81		

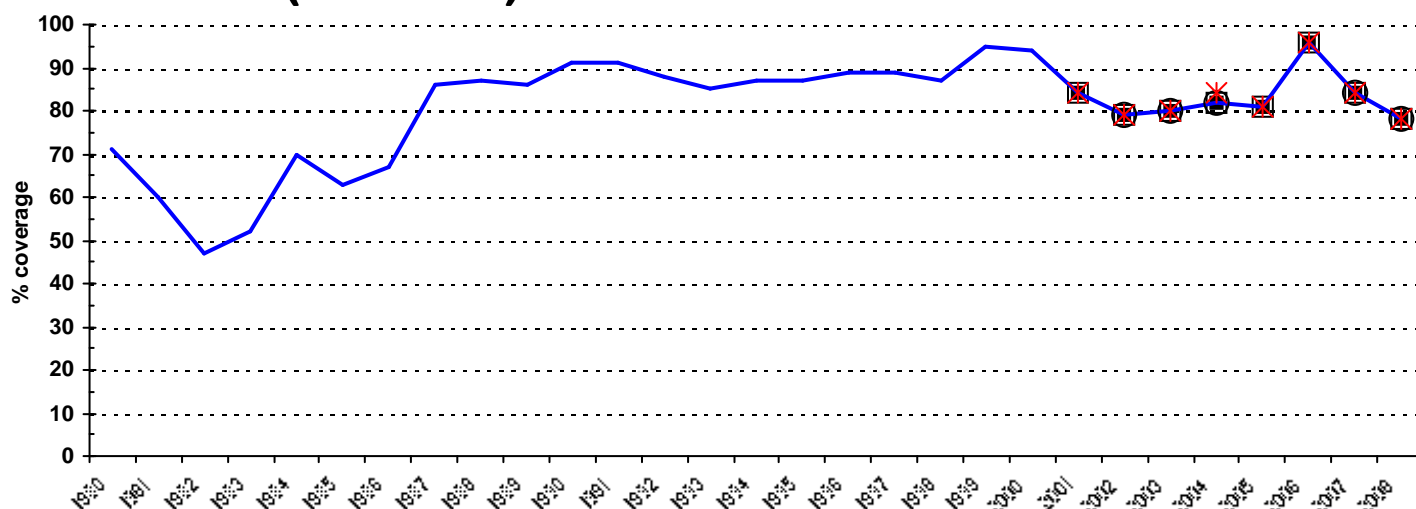
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Solomon Islands

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 200 onward. The DTP1 estimates from 2001-2004 are based on these reports. For years prior to 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.

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	71						
1981	60						
1982	47						
1983	52						
1984	70						
1985	63						
1986	67						
1987	86						
1988	87						
1989	86						
1990	91						
1991	91						
1992	88						
1993	85						
1994	87						
1995	87						
1996	89						
1997	89						
1998	87						
1999	95						
2000	94						
2001	84	84	84		84		
2002	79	79	79	79	79		
2003	80	80	80	80	80		
2004	82	82	82	82	84		
2005	81	81	81		81		
2006	96	96	96		96		
2007	84	84	84	84	84		
2008	78	78	78	78	78		

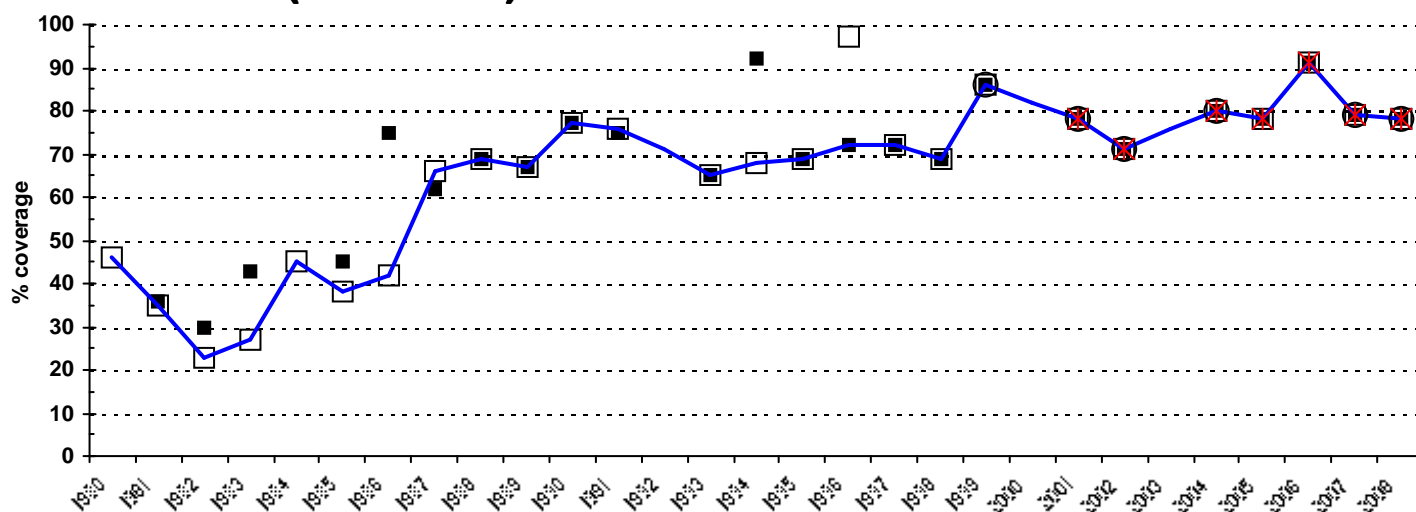
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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Solomon Islands

DTP3 (1980-2008)



Description of trend

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	46	46					
1981	35	35	36				
1982	23	23	30				
1983	27	27	43				
1984	45	45					
1985	38	38	45				
1986	42	42	75				
1987	66	66	62				
1988	69	69	69				
1989	67	67	67				
1990	77	77	77				
1991	76	76	75				
1992	71						
1993	65	65	65				
1994	68	68	92				
1995	69	69	69				
1996	72	97	72				
1997	72	72	72				
1998	69	69	69				
1999	86	86	86	86			
2000	82						
2001	78	78	78	78	78		
2002	71	71	71	71	71		
2003	76						
2004	80	80	80	80	80		
2005	78	78	78		78		
2006	91	91	91		91		
2007	79	79	79	79	79		
2008	78	78	78	78	78		

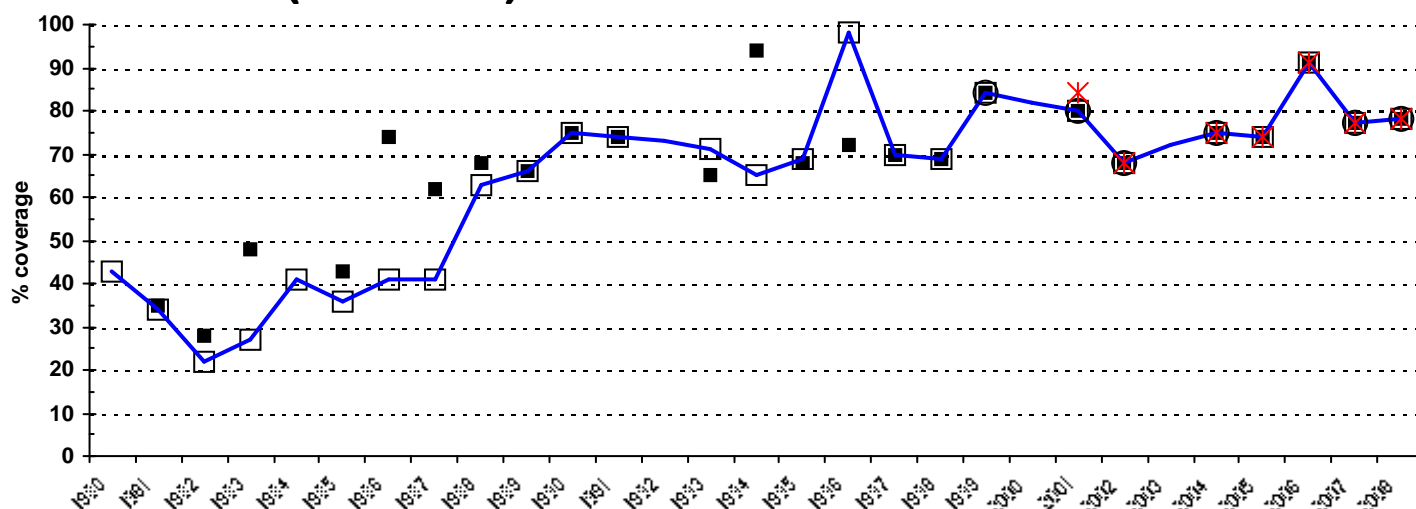
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

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

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Solomon Islands

Pol3 (1980-2008)



Description of trend

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	43	43					
1981	34	34	35				
1982	22	22	28				
1983	27	27	48				
1984	41	41					
1985	36	36	43				
1986	41	41	74				
1987	41	41	62				
1988	63	63	68				
1989	66	66	66				
1990	75	75	75				
1991	74	74	74				
1992	73						
1993	71	71	65				
1994	65	65	94				
1995	69	69	68				
1996	98	98	72				
1997	70	70	70				
1998	69	69	69				
1999	84	84	84	84			
2000	82						
2001	80	80	80	80	84		
2002	68	68	68	68	68		
2003	72						
2004	75	75	75	75	75		
2005	74	74	74		74		
2006	91	91	91		91		
2007	77	77	77	77	77		
2008	78	78	78	78	78		

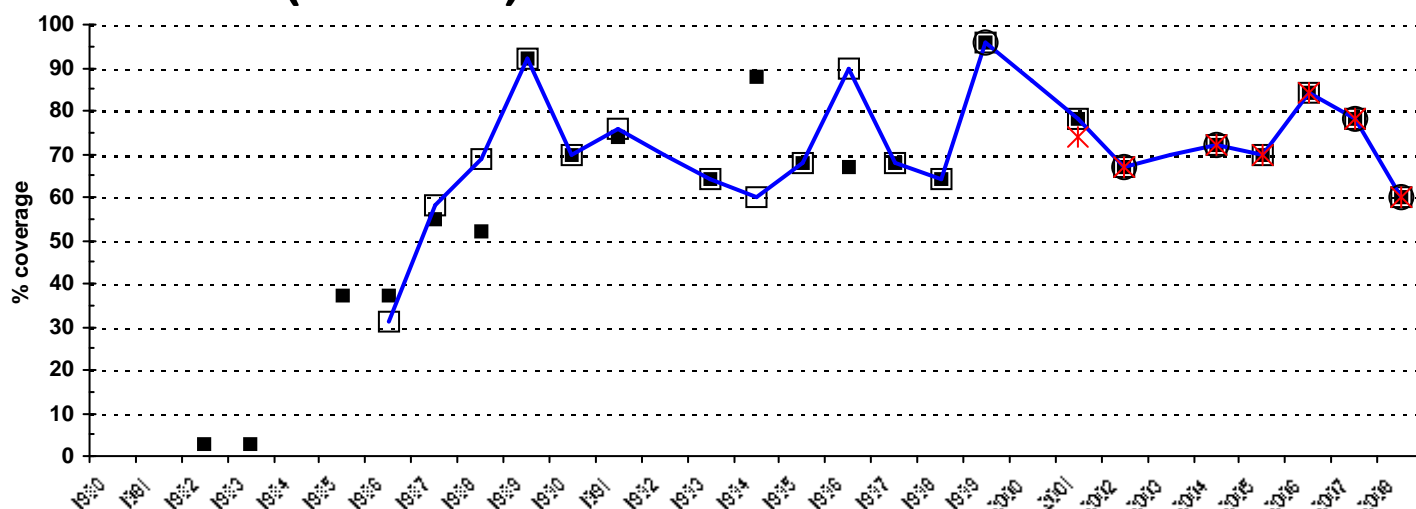
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Solomon Islands

MCV (1980-2008)



Description of trend

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			3				
1983			3				
1984							
1985			37				
1986	31	31	37				
1987	58	58	55				
1988	69	69	52				
1989	92	92	92				
1990	70	70	70				
1991	76	76	74				
1992	70						
1993	64	64	64				
1994	60	60	88				
1995	68	68	68				
1996	90	90	67				
1997	68	68	68				
1998	64	64	64				
1999	96	96	96	96			
2000	87						
2001	78	78	78		74		
2002	67	67	67	67	67		
2003	70						
2004	72	72	72	72	72		
2005	70	70	70		70		
2006	84	84	84		84		
2007	78	78	78	78	78		
2008	60	60	60	60	60		

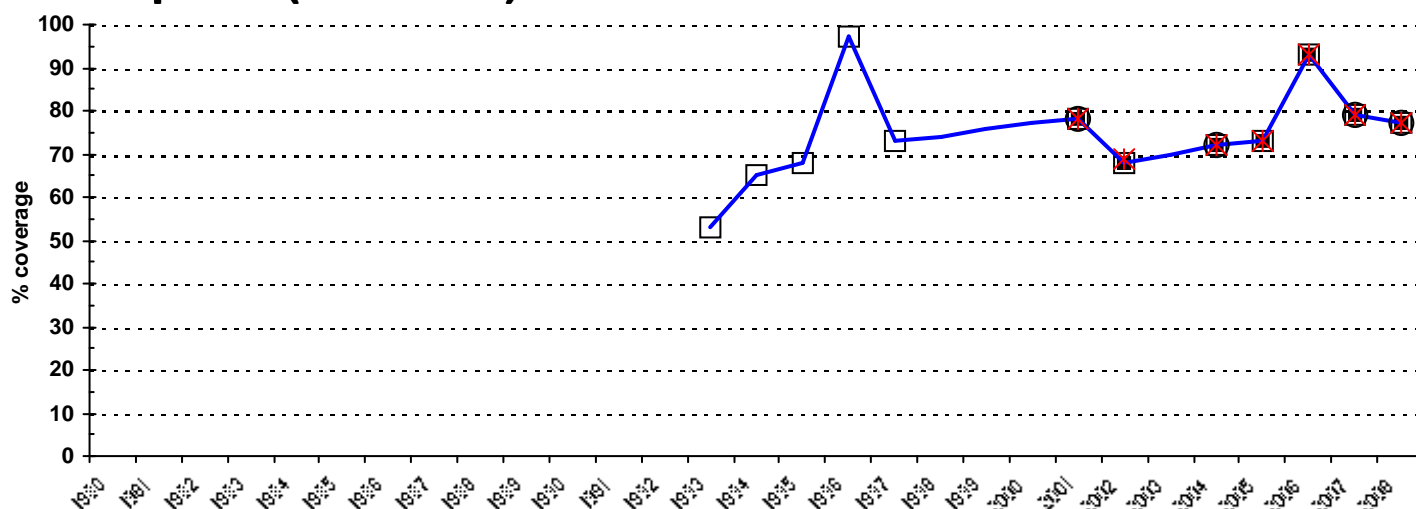
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Solomon Islands

HepB3 (1980-2008)



Description of trend

Hepatitis B vaccine was introduced in 1991. 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							
1993	53	53					
1994	65	65					
1995	68	68					
1996	97	97					
1997	73	73					
1998	74						
1999	76						
2000	77						
2001	78	78	78	78	78		
2002	68	68	68		69		
2003	70						
2004	72	72	72	72	72		
2005	73	73	73		73		
2006	93	93	93		93		
2007	79	79	79	79	79		
2008	77	77	77	77	77		

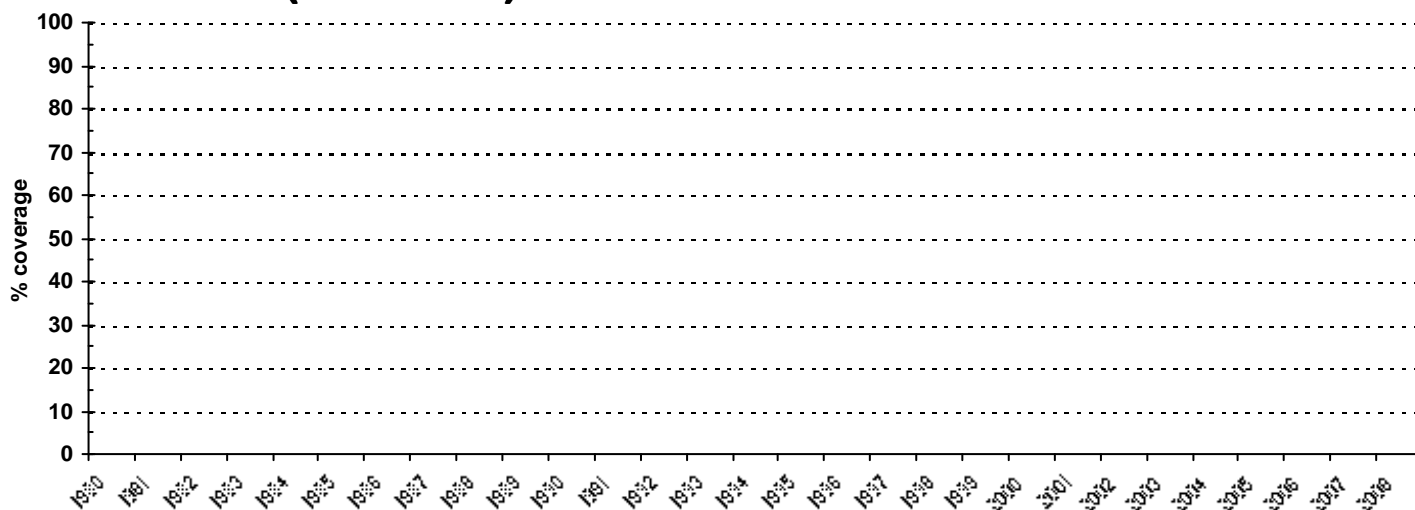
*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

**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.

Solomon Islands

Hib3 (1980-2008)



Description of trend

DTP-HepB-Hib pentavalent combination vaccine introduced in July 2008. 87% coverage was reached in 42% of the national target population

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	36						

*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.

Solomon Islands

WHO/UNICEF Estimates of Protection at Birth (PAB) against tetanus

In countries where tetanus is recommended for girls and women coverage is usually reported as "TT2+", i.e. the proportion of (pregnant) women who have received their second or superior TT dose in a given year. TT2 + coverage, however, can under-represent the actual proportion of births that are protected against tetanus as it does not include women who have previously received protective doses, women who received one dose without documentation of previous doses, and women who received doses in TT (or Td) supplemental immunization activities (SIA). In addition, girls who have received DTP in their childhood and are entering childbearing age, may be protected with TT booster doses.

WHO and UNICEF have developed a model that takes into account the above scenarios, and calculates the proportion of births in a given year that can be considered as having been protected against tetanus - "Protection at Birth".

In this model, annual cohorts of women are followed from infancy through their life. A proportion receive DTP in infancy (estimated based on the WHO-UNICEF estimates of DTP3 coverage). In addition some of these women also receive TT through routine services when they are pregnant and may also receive TT during SIAs. The model also adjusts reported data, taking into account coverage patterns in other years, and/or results available through surveys. The duration of protection is then calculated, based on WHO estimates of the duration of protection by doses ever received. The proportion of births that are protected against tetanus as a result of maternal immunization reflects the tetanus immunization received by the mother throughout her life rather than simply the TT immunizations received during the current pregnancy.

¹ This model is described in: Griffiths U., Wolfson L., Quddus A., Younus M., Hafiz R.. Incremental cost-effectiveness of supplementary immunization activities to prevent neo-natal tetanus in Pakistan. Bulletin of the World Health Organization 2004; 82:643-651.

Solomon Islands

Year	PAB coverage estimate (%)
1980	
1981	
1982	
1983	
1984	20
1985	27
1986	29
1987	47
1988	58
1989	65
1990	71
1991	74
1992	76
1993	70
1994	73
1995	81
1996	78
1997	75
1998	75
1999	75
2000	75
2001	75
2002	74
2003	78
2004	82
2005	74
2006	74
2007	84
2008	85