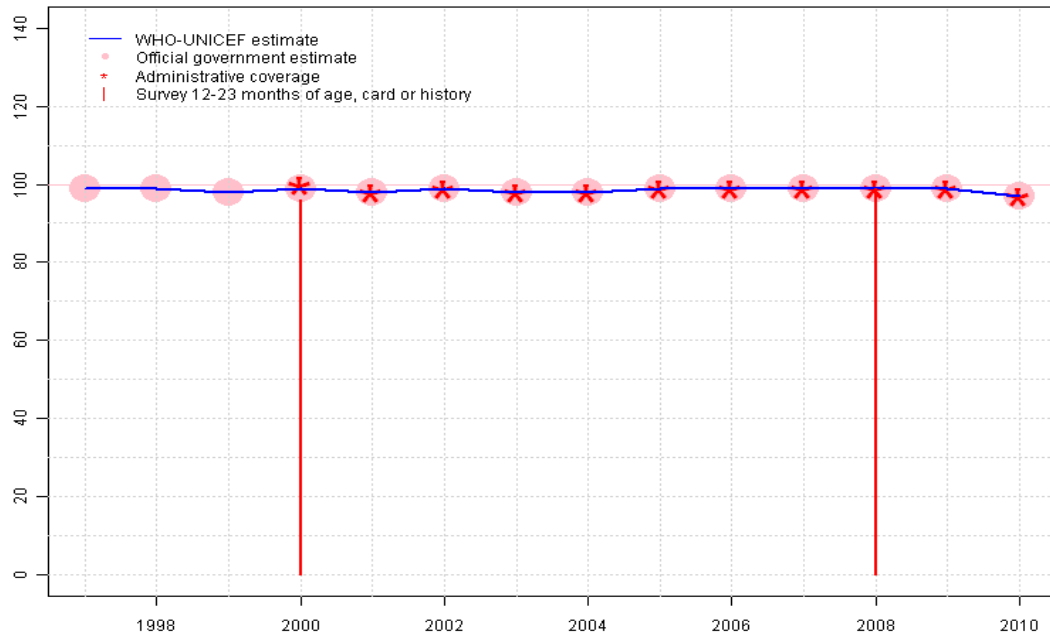


Maldives - BCG

MDV - BCG



Description:

1997: Legacy estimate.

1998: Estimate based on reported data.

1999: Estimate based on reported data. Current estimate of 98 percent changed from previous revision value of 99 percent.

2000: Estimate based on reported data. Survey results not accepted. Sample size 158 less than 300.

2001: Estimate based on reported data.

2002: Estimate based on reported data.

2003: Estimate based on reported data.

2004: Estimate based on reported data.

2005: Estimate based on reported data.

2006: Estimate based on reported data.

2007: Estimate based on reported data.

2008: Estimate based on reported data. 99 percent survey results supports reported data of 99 percent.

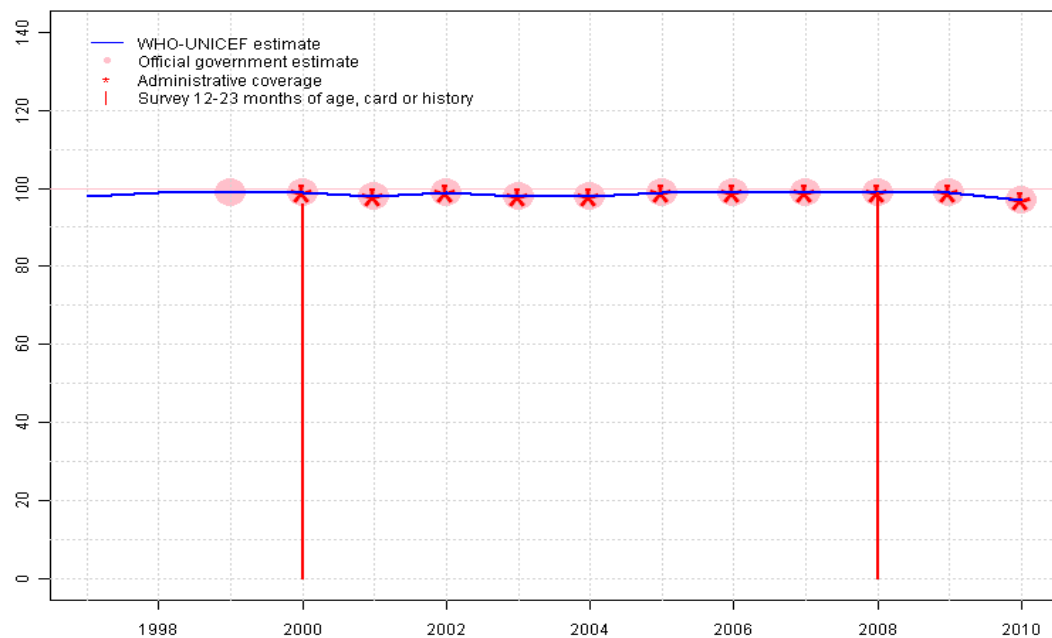
2009: Estimate based on reported data.

2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	99	98	99	98	99	98	98	99	99	99	99	99	97
Official	99	99	98	99	98	99	98	98	99	99	99	99	99	97
Administrative	NA	NA	NA	100	98	99	98	98	99	99	99	99	99	97
Survey	NA	NA	NA	96	NA	NA	NA	NA	NA	NA	NA	99	NA	NA

Maldives - DTP1

MDV - DTP1



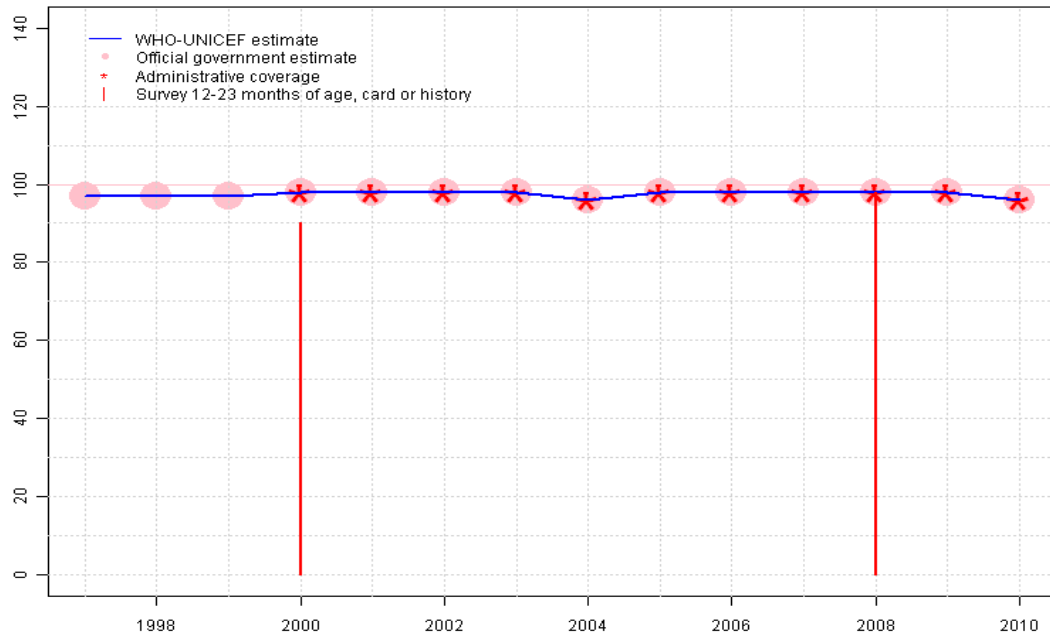
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	98	99	99	99	98	99	98	98	99	99	99	99	99	97
Official	NA	NA	99	99	98	99	98	98	99	99	99	99	99	97
Administrative	NA	NA	NA	99	98	99	98	98	99	99	99	99	99	97
Survey	NA	NA	NA	96	NA	NA	NA	NA	NA	NA	NA	99	NA	NA

Description:

- 1997: Legacy estimate.
- 1998: No DTP1 data. Estimate based on DTP3 coverage of 97. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 1999: Reported data calibrated to 1997 and 2008 levels. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2000: Reported data calibrated to 1997 and 2008 levels. Survey results not accepted. Sample size 158 less than 300. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2001: Reported data calibrated to 1997 and 2008 levels.
- 2002: Reported data calibrated to 1997 and 2008 levels. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2003: Reported data calibrated to 1997 and 2008 levels.
- 2004: Reported data calibrated to 1997 and 2008 levels. Current estimate of 98 percent changed from previous revision value of 97 percent.
- 2005: Reported data calibrated to 1997 and 2008 levels. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2006: Reported data calibrated to 1997 and 2008 levels. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2007: Reported data calibrated to 1997 and 2008 levels. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2008: Estimate based on reported data. 99 percent survey results supports reported data of 99 percent. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2009: Estimate based on reported data. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2010: Estimate based on reported data.

Maldives - DTP3

MDV - DTP3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	97	97	97	98	98	98	98	96	98	98	98	98	98	96
Official	97	97	97	98	98	98	98	96	98	98	98	98	98	96
Administrative	NA	NA	NA	98	98	98	98	96	98	98	98	98	98	96
Survey	NA	NA	NA	90	NA	NA	NA	NA	NA	NA	NA	98	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on reported data.

1999: Estimate based on reported data. Current estimate of 97 percent changed from previous revision value of 98 percent.

2000: Estimate based on reported data. Survey results not accepted. Sample size 158 less than 300.

2001: Estimate based on reported data.

2002: Estimate based on reported data.

2003: Estimate based on reported data.

2004: Estimate based on reported data.

2005: Estimate based on reported data.

2006: Estimate based on reported data.

2007: Estimate based on reported data.

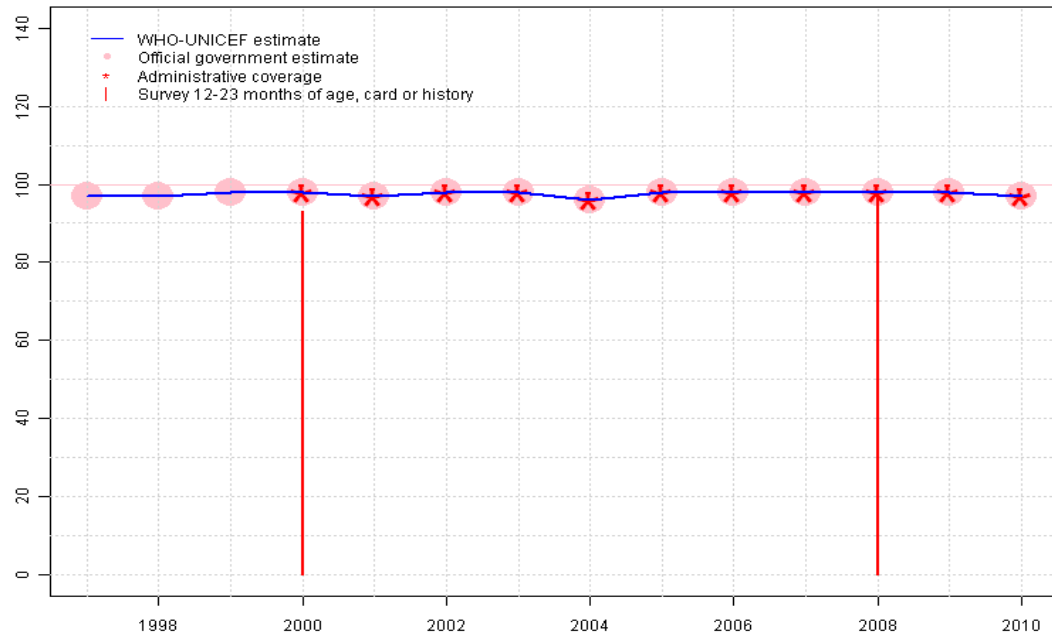
2008: Estimate based on reported data. 99 percent survey results supports reported data of 98 percent. Survey results of 98 percent modified for recall bias to 99 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 89 percent and 3d dose card only coverage of 89 percent.

2009: Estimate based on reported data.

2010: Estimate based on reported data.

Maldives - Pol3

MDV - Pol3



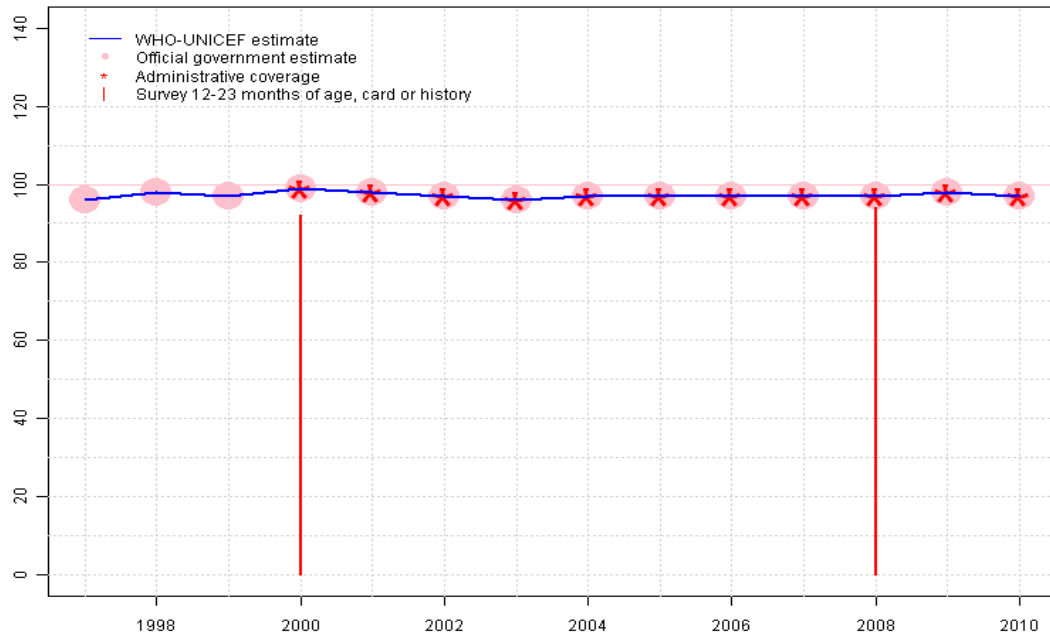
Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data. Survey results not accepted. Sample size 158 less than 300.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data.
- 2004: Estimate based on reported data.
- 2005: Estimate based on reported data.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: Estimate based on reported data. 99 percent survey results supports reported data of 98 percent. Survey results of 97 percent modified for recall bias to 99 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 89 percent and 3d dose card only coverage of 89 percent.
- 2009: Estimate based on reported data.
- 2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	97	97	98	98	97	98	98	96	98	98	98	98	98	97
Official	97	97	98	98	97	98	98	96	98	98	98	98	98	97
Administrative	NA	NA	NA	98	97	98	98	96	98	98	98	98	98	97
Survey	NA	NA	NA	93	NA	NA	NA	NA	NA	NA	NA	97	NA	NA

Maldives - MCV

MDV - MCV



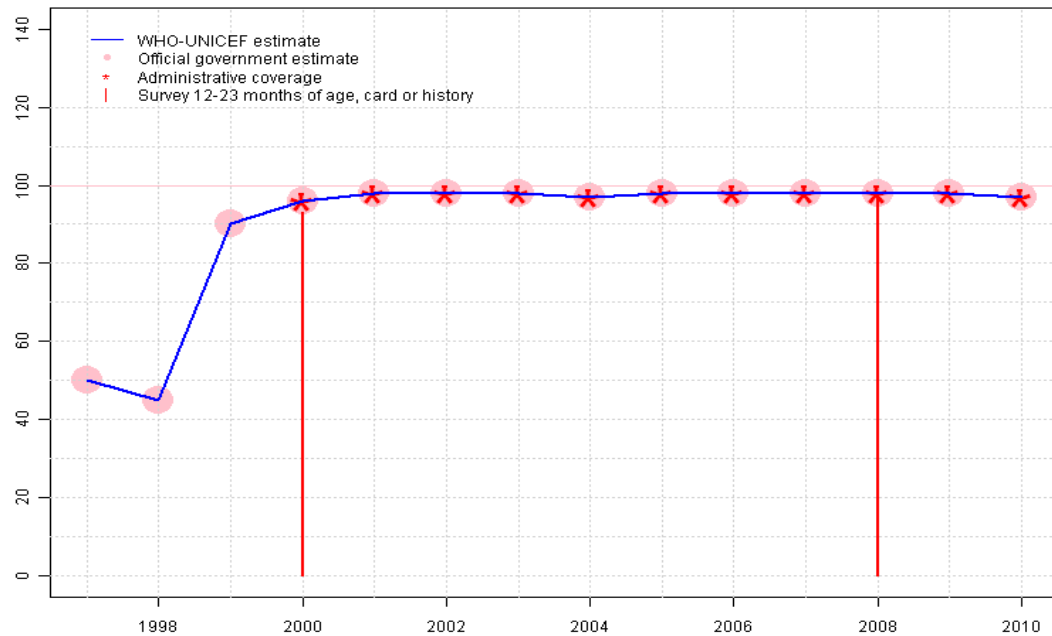
Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data. Current estimate of 97 percent changed from previous revision value of 99 percent.
- 2000: Estimate based on reported data. Survey results not accepted. Sample size 158 less than 300.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data.
- 2004: Estimate based on reported data.
- 2005: Estimate based on reported data.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: Estimate based on reported data. 94 percent survey results supports reported data of 97 percent.
- 2009: Estimate based on reported data.
- 2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	96	98	97	99	98	97	96	97	97	97	97	97	98	97
Official	96	98	97	99	98	97	96	97	97	97	97	97	98	97
Administrative	NA	NA	NA	99	98	97	96	97	97	97	97	97	98	97
Survey	NA	NA	NA	92	NA	NA	NA	NA	NA	NA	NA	94	NA	NA

Maldives - HepB3

MDV - HepB3

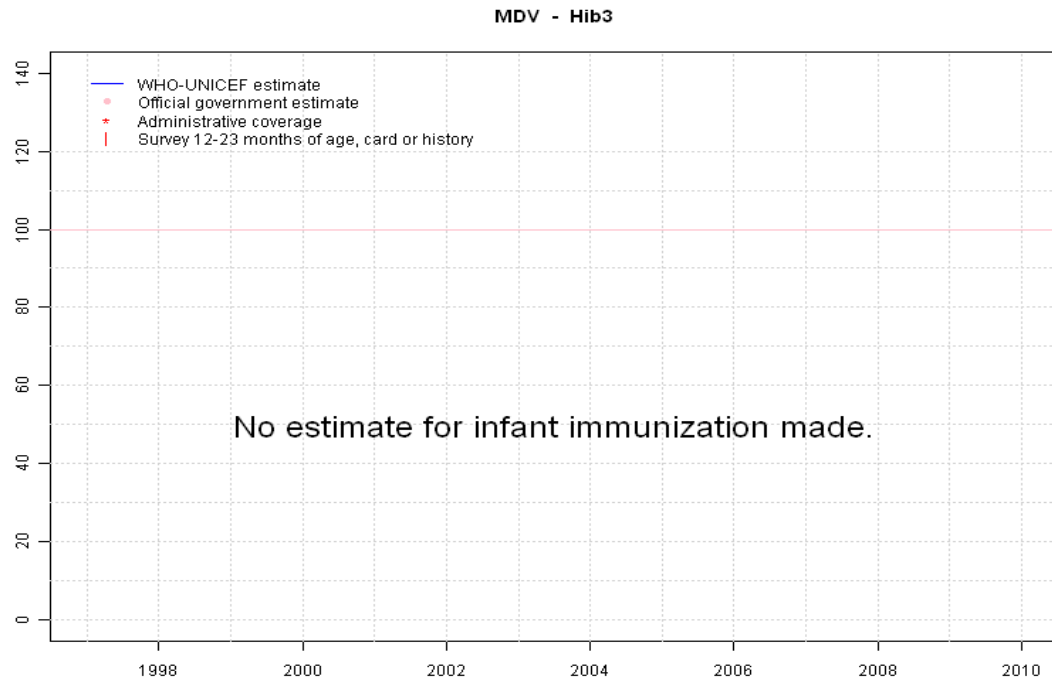


Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data. Survey results not accepted. Sample size 158 less than 300.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data.
- 2004: Estimate based on reported data.
- 2005: Estimate based on reported data.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: Estimate based on reported data. 98 percent survey results supports reported data of 98 percent. Survey results of 97 percent modified for recall bias to 98 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 89 percent and 3d dose card only coverage of 88 percent.
- 2009: Estimate based on reported data.
- 2010: Estimate based on reported data.

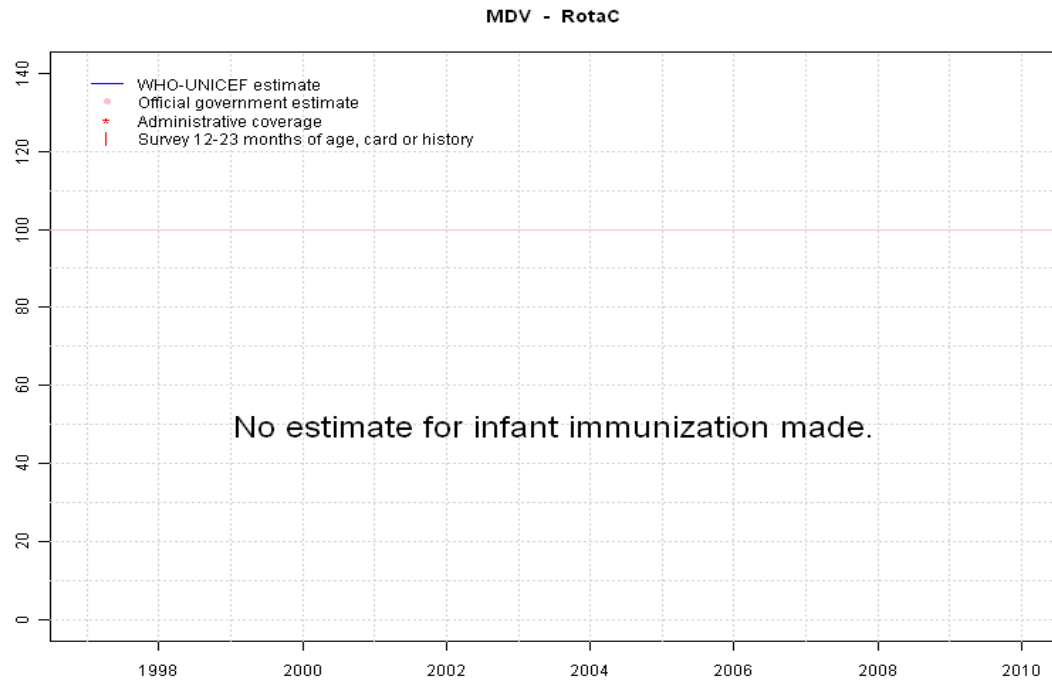
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	50	45	90	96	98	98	98	97	98	98	98	98	98	97
Official	50	45	90	96	98	98	98	97	98	98	98	98	98	97
Administrative	NA	NA	NA	96	98	98	98	97	98	98	98	98	98	97
Survey	NA	NA	NA	93	NA	NA	NA	NA	NA	NA	NA	97	NA	NA

Maldives - Hib3



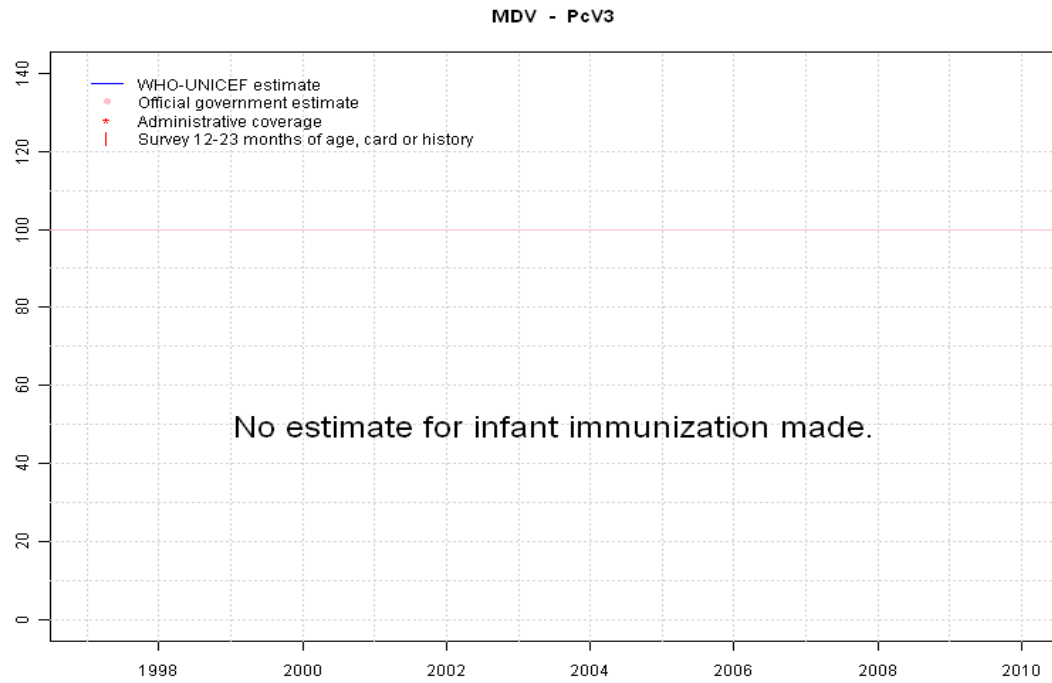
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Maldives - RotaC



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Maldives - PcV3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Maldives - survey details

2008 Maldives Demographic and Health Survey 2009

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	89	12-23 m	822	89
BCG	History	10	12-23 m	822	89
BCG	Card or History	99	12-23 m	822	89
BCG	C or H <12 months	99	12-23 m	822	89
DTP1	Card	89	12-23 m	822	89
DTP1	History	10	12-23 m	822	89
DTP1	Card or History	99	12-23 m	822	89
DTP1	C or H <12 months	99	12-23 m	822	89
DTP3	C or H <12 months	96	12-23 m	822	89
DTP3	Card	89	12-23 m	822	89
DTP3	History	9	12-23 m	822	89
DTP3	Card or History	98	12-23 m	822	89
HepB1	C or H <12 months	99	12-23 m	822	89
HepB1	Card or History	99	12-23 m	822	89
HepB1	History	10	12-23 m	822	89
HepB1	Card	89	12-23 m	822	89
HepB3	Card	88	12-23 m	822	89
HepB3	C or H <12 months	92	12-23 m	822	89
HepB3	History	9	12-23 m	822	89
HepB3	Card or History	97	12-23 m	822	89
MCV	Card	86	12-23 m	822	89
MCV	Card or History	94	12-23 m	822	89

MCV	History	9	12-23 m	822	89
MCV	C or H <12 months	91	12-23 m	822	89
Pol1	History	10	12-23 m	822	89
Pol1	Card	89	12-23 m	822	89
Pol1	C or H <12 months	99	12-23 m	822	89
Pol1	Card or History	99	12-23 m	822	89
Pol3	C or H <12 months	95	12-23 m	822	89
Pol3	History	8	12-23 m	822	89
Pol3	Card	89	12-23 m	822	89
Pol3	Card or History	97	12-23 m	822	89

2000 Maldives Multiple Indicator Cluster Survey 2001

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	96	12-23 m	158	0
DTP1	Card or History	96	12-23 m	158	0
DTP3	Card or History	90	12-23 m	158	0
HepB1	Card or History	95	12-23 m	158	0
HepB3	Card or History	93	12-23 m	158	0
MCV	Card or History	92	12-23 m	158	0
Pol1	Card or History	95	12-23 m	158	0
Pol3	Card or History	93	12-23 m	158	0

Further information and estimates for 1980-1996 are available at:

http://www.childinfo.org/immunization_countryreports.html

http://www.who.int/immunization_monitoring/routine/immunization_coverage/en/index4.html

Maldives

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.

Year	PAB coverage estimate (%)
1997	93
1998	91
1999	93
2000	95
2001	95
2002	94
2003	94
2004	94
2005	94
2006	94
2007	94
2008	95
2009	95
2010	95

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.