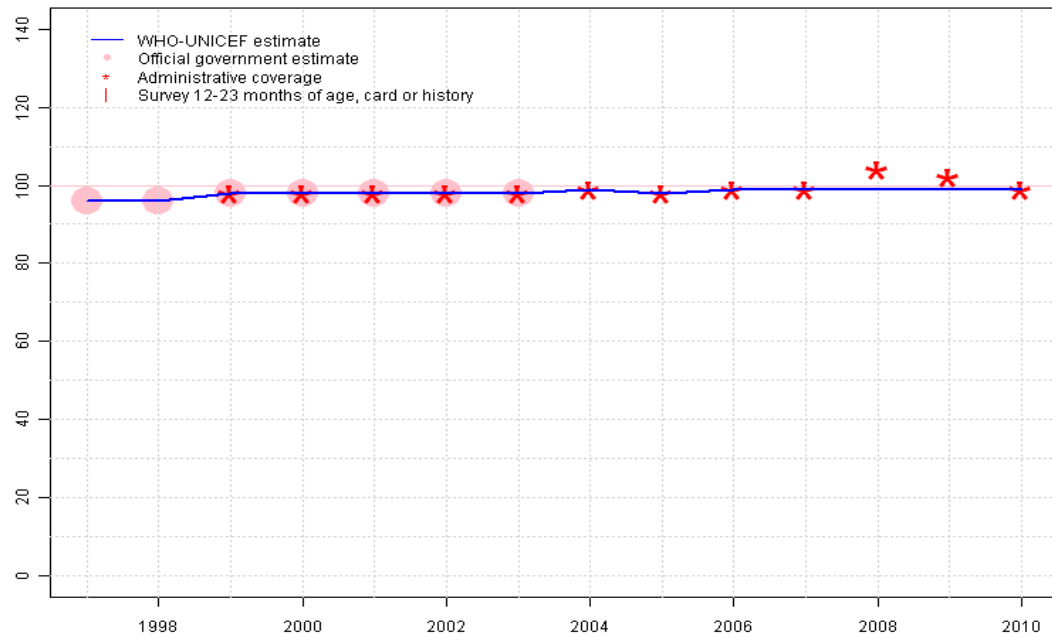


Oman - BCG

OMN - BCG



Description:

1997: Legacy estimate.

1998: Estimate based on reported data.

1999: Estimate based on reported data.

2000: Estimate based on reported data.

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 interpolation between 2007 and 2010. Reported data of 104 percent greater than 100 percent.

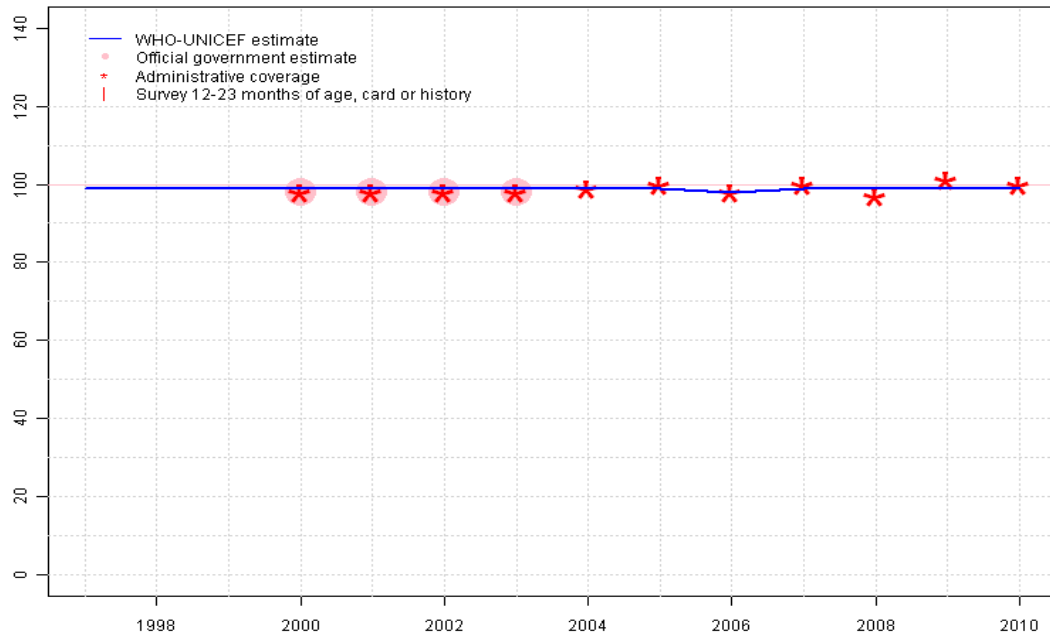
2009: Estimate based on interpolation between 2007 and 2010. Reported data of 102 percent greater than 100 percent.

2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	96	96	98	98	98	98	98	99	98	99	99	99	99	99
Official	96	96	98	98	98	98	98	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	98	98	98	98	98	99	98	99	99	104	102	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Oman - DTP1

OMN - DTP1



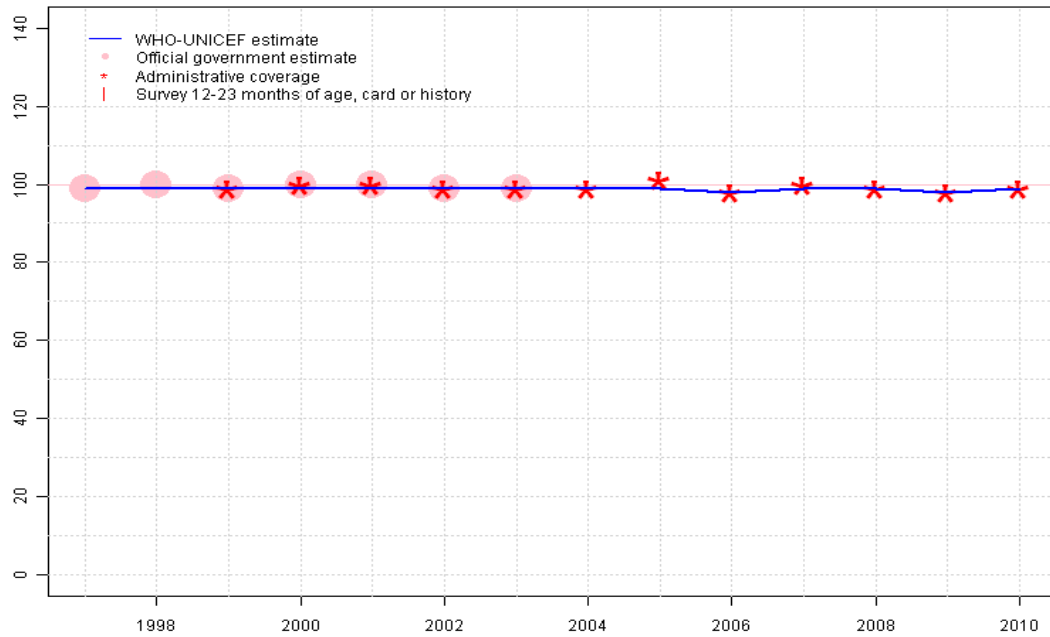
Description:

- 1997: Legacy estimate.
- 1998: No accepted DTP1 data. Estimate based on DTP3 coverage of 100.
- 1999: No accepted DTP1 data. Estimate based on DTP3 coverage of 99.
- 2000: DTP1 coverage estimated based on DTP3 coverage of 100.
- 2001: DTP1 coverage estimated based on DTP3 coverage of 100.
- 2002: DTP1 coverage estimated based on DTP3 coverage of 99.
- 2003: DTP1 coverage estimated based on DTP3 coverage of 99.
- 2004: Estimate based on reported data.
- 2005: Estimate based on reported data.
- 2006: Estimate based on reported data. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 2007: Estimate based on reported data.
- 2008: DTP1 coverage estimated based on DTP3 coverage of 99. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2009: No accepted DTP1 data. Estimate based on DTP3 coverage of 98. Reported data of 101 percent greater than 100 percent. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	99	99	99	99	99	99	99	99	98	99	99	99	99
Official	NA	NA	NA	98	98	98	98	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	98	98	98	98	99	100	98	100	97	101	100
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Oman - DTP3

OMN - DTP3



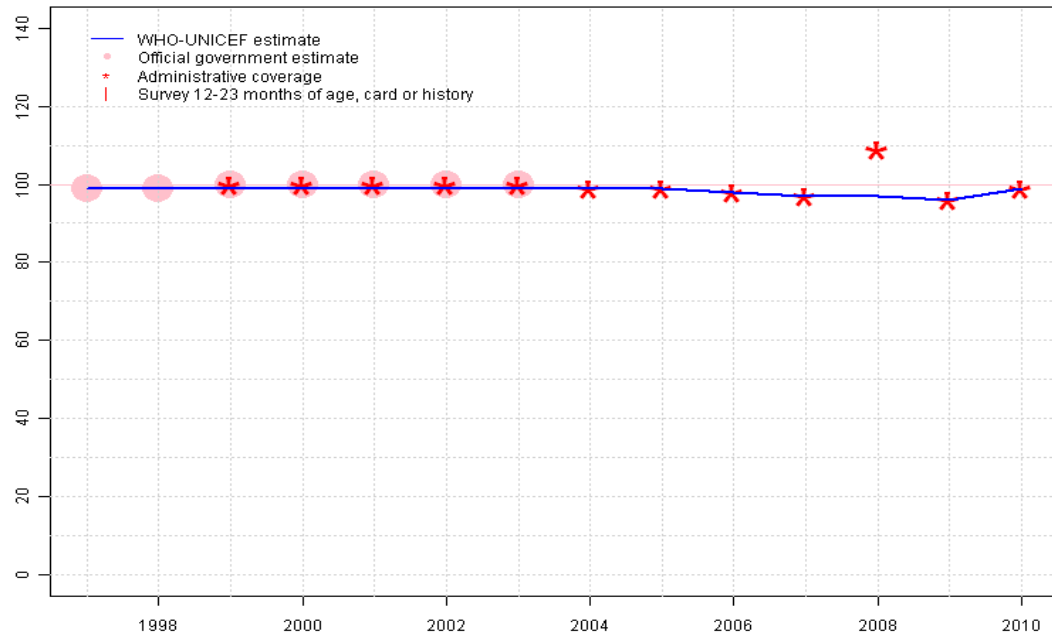
Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data.
- 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 interpolation between 2004 and 2006. Reported data of 101 percent greater than 100 percent.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: Estimate based on reported data.
- 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	99	99	99	99	99	99	99	98	99	99	98	99
Official	99	100	99	100	100	99	99	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	99	100	100	99	99	99	101	98	100	99	98	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Oman - Pol3

OMN - Pol3



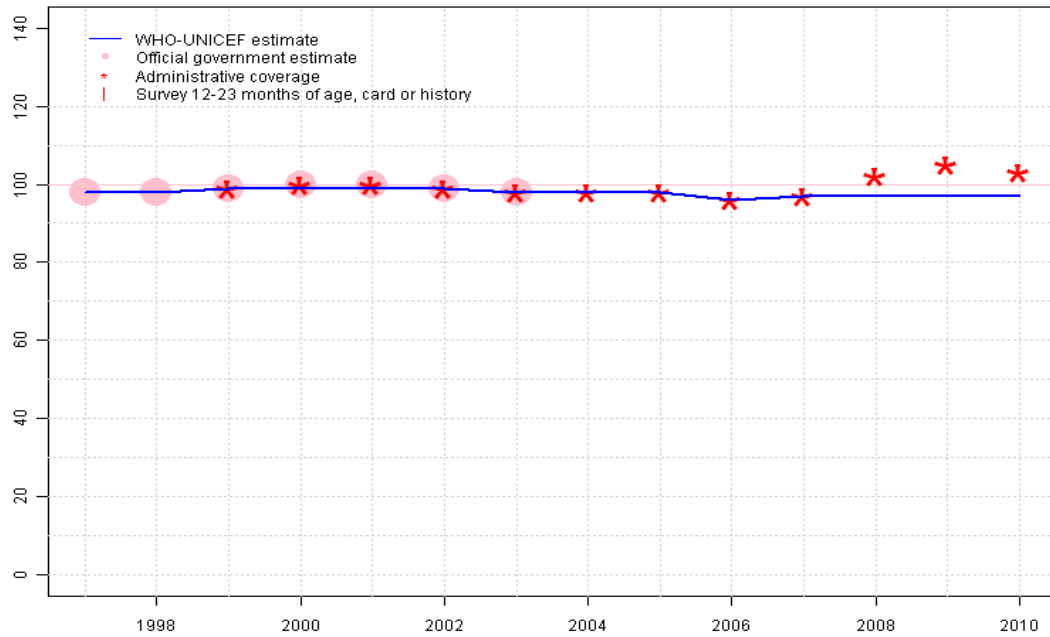
Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data.
- 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 interpolation between 2007 and 2009. Reported data of 109 percent greater than 100 percent. Reported data not accepted due to an increase from 97 percent to 109 percent with a subsequent decrease to 96 percent. Increase in reported coverage is due to a change in recommended ages for polio vaccination.
- 2009: Estimate based on reported data. Current estimate of 96 percent changed from previous revision value of 97 percent.
- 2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	99	99	99	99	99	99	99	99	98	97	97	96	99
Official	99	99	100	100	100	100	100	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	100	100	100	100	100	99	99	98	97	109	96	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Oman - MCV

OMN - MCV



Description:

1997: Legacy estimate.

1998: Estimate based on reported data.

1999: Estimate based on reported data.

2000: Estimate based on reported data.

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 extrapolation from 2007 value of 97 percent. Reported data of 102 percent greater than 100 percent.

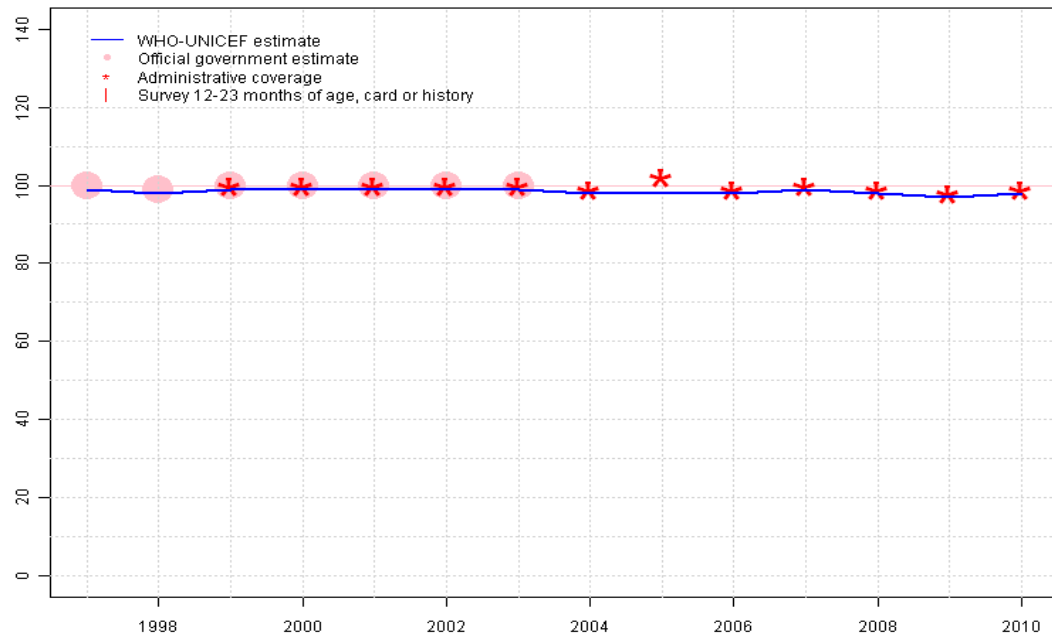
2009: Estimate based on extrapolation from 2007 value of 97 percent. Reported data of 105 percent greater than 100 percent.

2010: Estimate based on extrapolation from 2007 value of 97 percent. Reported data of 103 percent greater than 100 percent.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	98	98	99	99	99	99	98	98	98	96	97	97	97	97
Official	98	98	99	100	100	99	98	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	99	100	100	99	98	98	98	96	97	102	105	103
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Oman - HepB3

OMN - HepB3



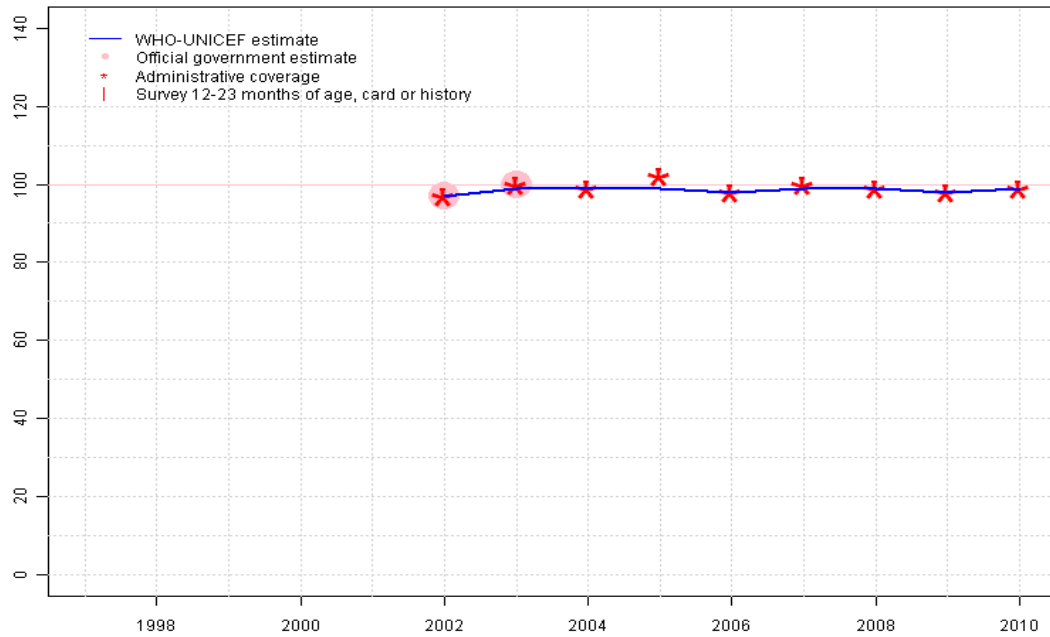
Description:

- 1997: Legacy estimate.
- 1998: Reported data 99 percent calibrated to 1997 levels. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 1999: Reported data 100 percent calibrated to 1997 levels.
- 2000: Reported data 100 percent calibrated to 1997 levels.
- 2001: Reported data 100 percent calibrated to 1997 levels.
- 2002: Reported data 100 percent calibrated to 1997 levels.
- 2003: Reported data 100 percent calibrated to 1997 levels.
- 2004: Reported data 99 percent calibrated to 1997 levels. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 2005: Estimate based on interpolation between 2004 and 2006. Reported data of 102 percent greater than 100 percent. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 2006: Reported data 99 percent calibrated to 1997 levels. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 2007: Reported data 100 percent calibrated to 1997 levels.
- 2008: Reported data 99 percent calibrated to 1997 levels. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 2009: Reported data 98 percent calibrated to 1997 levels. Current estimate of 97 percent changed from previous revision value of 98 percent.
- 2010: Reported data 99 percent calibrated to 1997 levels.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	98	99	99	99	99	99	98	98	98	99	98	97	98
Official	100	99	100	100	100	100	100	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	100	100	100	100	100	99	102	99	100	99	98	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Oman - Hib3

OMN - Hib3



Description:

2002: Estimate based on reported data. Hib introduced in 2001. Reporting started in 2002. Vaccine presentation is DTP-HepB-Hib.

2003: Estimate based on reported data.

2004: Estimate based on reported data.

2005: Estimate based on interpolation between 2004 and 2006. Reported data of 102 percent greater than 100 percent.

2006: Estimate based on reported data.

2007: Estimate based on reported data.

2008: Estimate based on reported data.

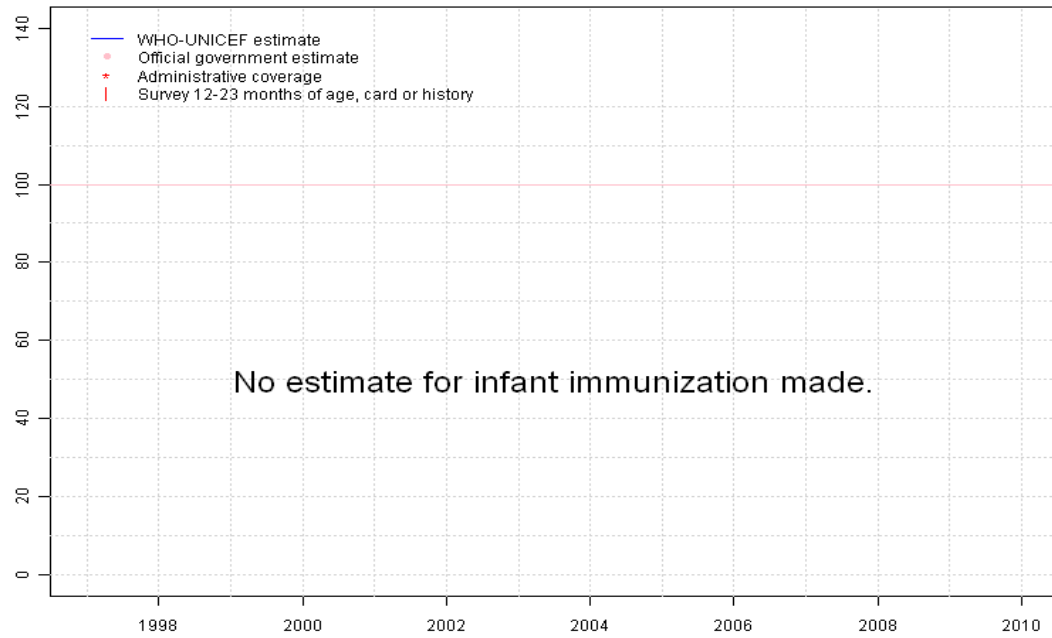
2009: Estimate based on reported data.

2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	NA	NA	NA	97	99	99	99	98	99	99	98	99
Official	NA	NA	NA	NA	NA	97	100	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	97	100	99	102	98	100	99	98	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Oman - RotaC

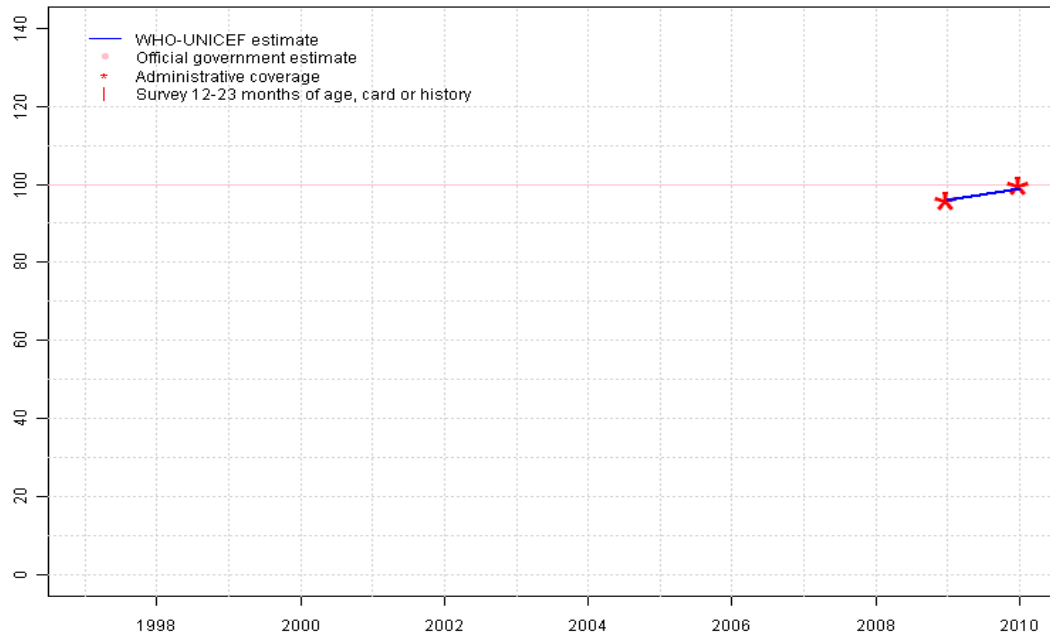
OMN - RotaC



	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

Oman - PcV3

OMN - PcV3



Description:

2009: Estimate based on reported data. PCV introduced in 2008 reporting started in 2009

2010: Estimate based on reported data.

	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	96	99
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	96	100
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

Oman

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	94
1998	94
1999	94
2000	94
2001	94
2002	94
2003	94
2004	94
2005	94
2006	94
2007	95
2008	91
2009	91
2010	91

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.