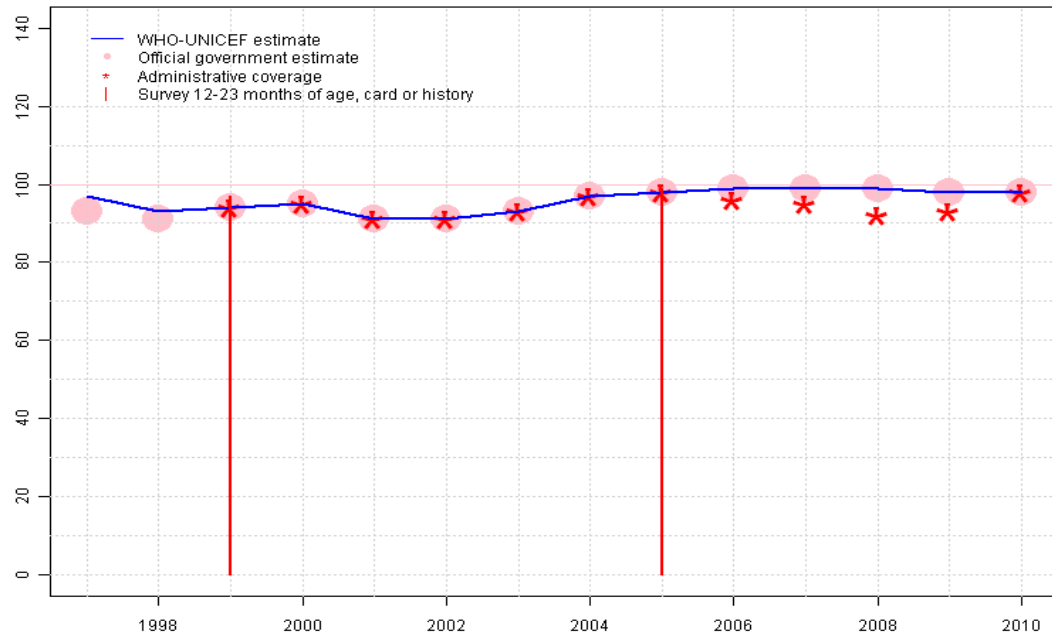


Tunisia - BCG

TUN - BCG



Description:

1997: Legacy estimate.

1998: Reported data calibrated to 1997 and 1999 levels. Current estimate of 93 percent changed from previous revision value of 96 percent.

1999: Estimate based on reported data. 97 percent survey results supports reported data of 94 percent.

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. 99 percent survey results supports reported data of 98 percent.

2006: Estimate based on reported data.

2007: Estimate based on reported data.

2008: Estimate based on reported data.

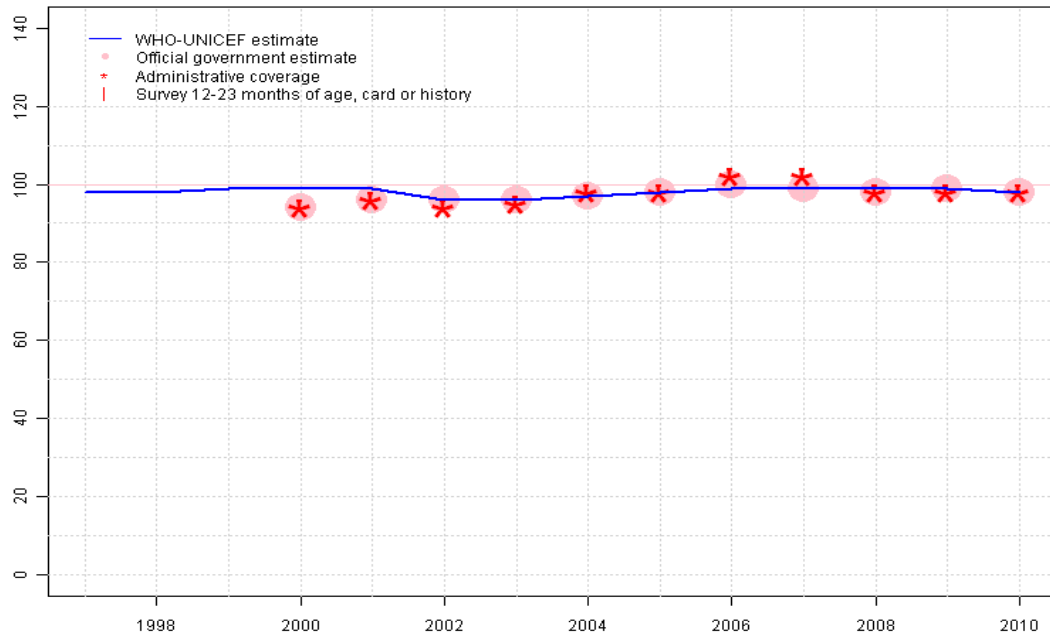
2009: Estimate based on reported data.

2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	97	93	94	95	91	91	93	97	98	99	99	99	98	98
Official	93	91	94	95	91	91	93	97	98	99	99	99	98	98
Administrative	NA	NA	94	95	91	91	93	97	98	96	95	92	93	98
Survey	NA	NA	97	NA	NA	NA	NA	NA	99	NA	NA	NA	NA	NA

Tunisia - DTP1

TUN - DTP1



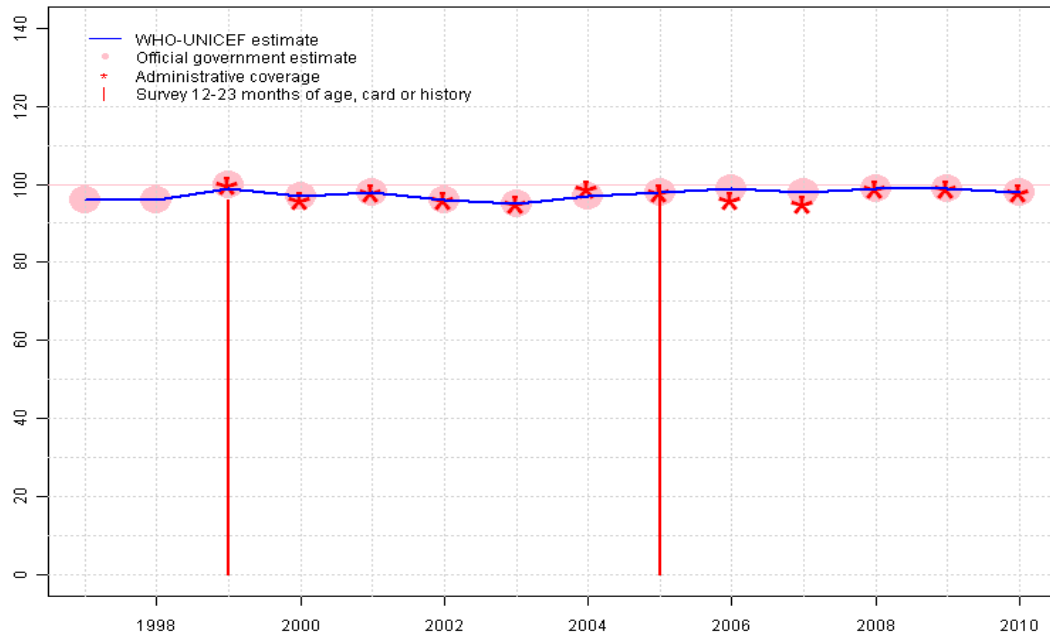
Description:

- 1997: Legacy estimate.
- 1998: No DTP1 data. Estimate based on DTP3 coverage of 96.
- 1999: No DTP1 data. Estimate based on DTP3 coverage of 100. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2000: DTP1 coverage estimated based on DTP3 coverage of 97. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2001: DTP1 coverage estimated based on DTP3 coverage of 98.
- 2002: Estimate based on reported data. Current estimate of 96 percent changed from previous revision value of 99 percent.
- 2003: Estimate based on reported data. Current estimate of 96 percent changed from previous revision value of 99 percent.
- 2004: Estimate based on reported data. Current estimate of 97 percent changed from previous revision value of 99 percent.
- 2005: Estimate based on reported data. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: DTP1 coverage estimated based on DTP3 coverage of 99.
- 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	98	98	99	99	99	96	96	97	98	99	99	99	99	98
Official	NA	NA	NA	94	96	96	96	97	98	100	99	98	99	98
Administrative	NA	NA	NA	94	96	94	95	98	98	102	102	98	98	98
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Tunisia - DTP3

TUN - DTP3



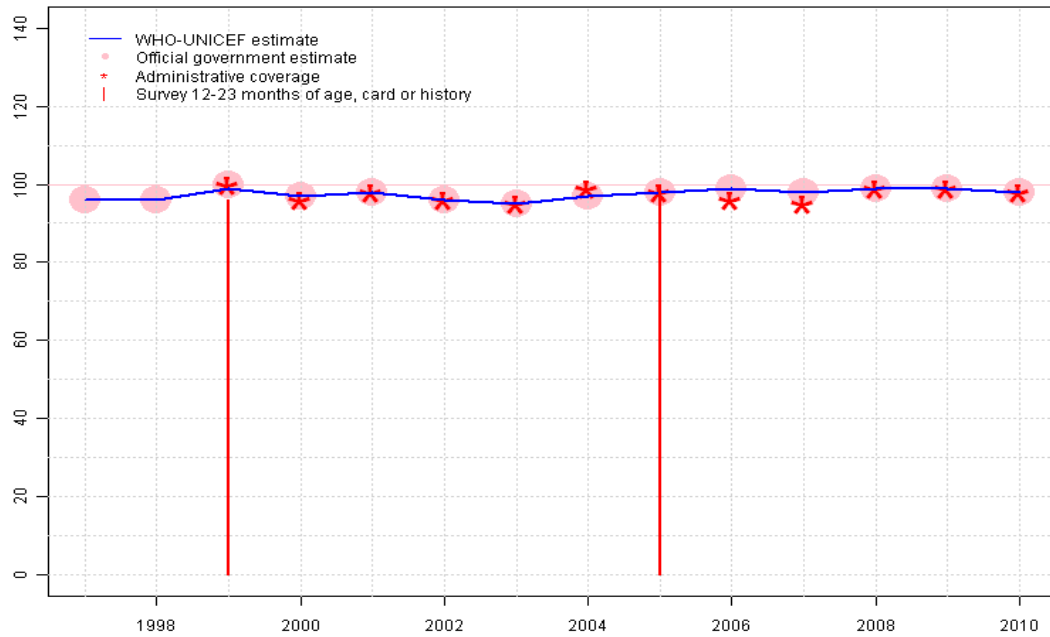
Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data. 96 percent survey results supports reported data of 100 percent.
- 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. 100 percent survey results supports reported data of 98 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	96	96	99	97	98	96	95	97	98	99	98	99	99	98
Official	96	96	100	97	98	96	95	97	98	99	98	99	99	98
Administrative	NA	NA	100	96	98	96	95	99	98	96	95	99	99	98
Survey	NA	NA	96	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	NA

Tunisia - Pol3

TUN - Pol3



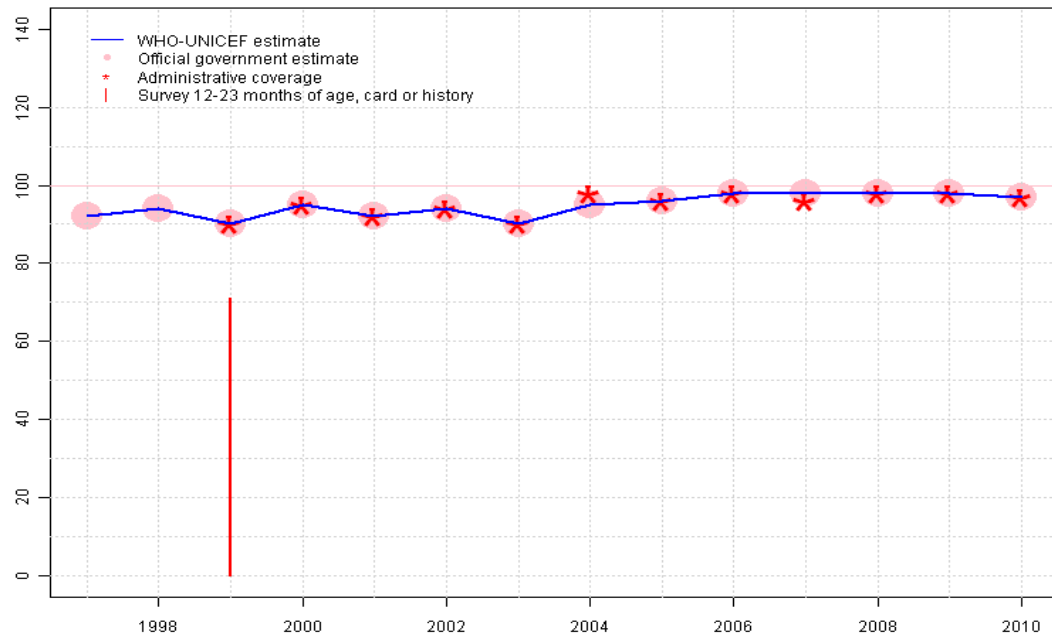
Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data. 96 percent survey results supports reported data of 100 percent.
- 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. 100 percent survey results supports reported data of 98 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	96	96	99	97	98	96	95	97	98	99	98	99	99	98
Official	96	96	100	97	98	96	95	97	98	99	98	99	99	98
Administrative	NA	NA	100	96	98	96	95	99	98	96	95	99	99	98
Survey	NA	NA	96	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	NA

Tunisia - MCV

TUN - MCV



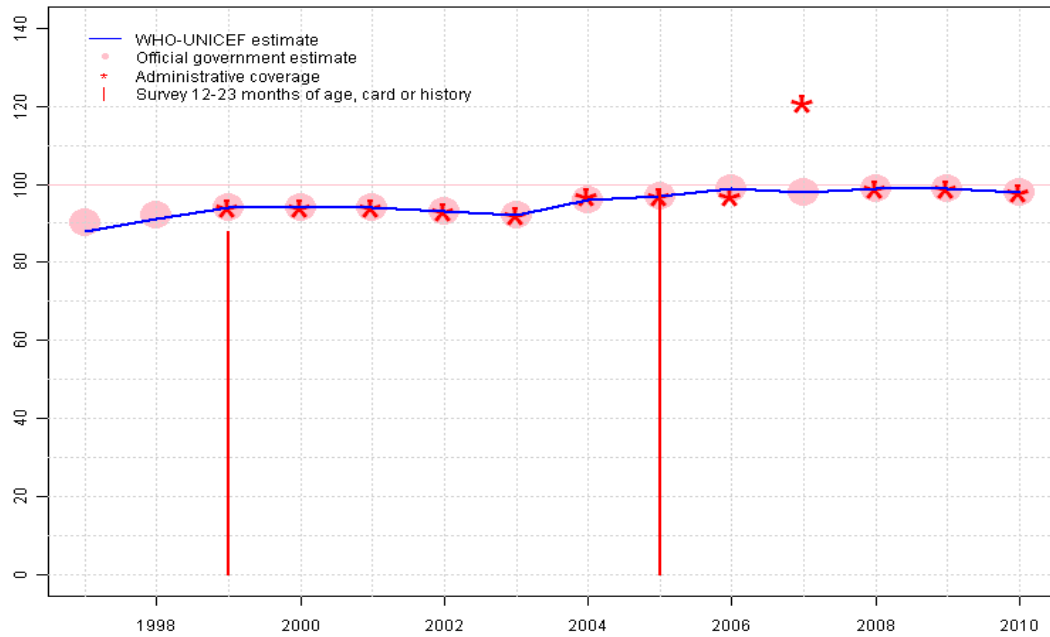
Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data. Survey not accepted. Card or History ; 12 months results = 83 percent, Card or History by time of survey = 71 percent. Survey results ignored.
- 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 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	92	94	90	95	92	94	90	95	96	98	98	98	98	97
Official	92	94	90	95	92	94	90	95	96	98	98	98	98	97
Administrative	NA	NA	90	95	92	94	90	98	96	98	96	98	98	97
Survey	NA	NA	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Tunisia - HepB3

TUN - HepB3



Description:

1997: Legacy estimate.

1998: Reported data calibrated to 1997 and 1999 levels.

1999: Estimate based on reported data. 88 percent survey results supports reported data of 94 percent.

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. 99 percent survey results supports reported data of 97 percent.

2006: Estimate based on reported data.

2007: Estimate based on reported data.

2008: Estimate based on reported data.

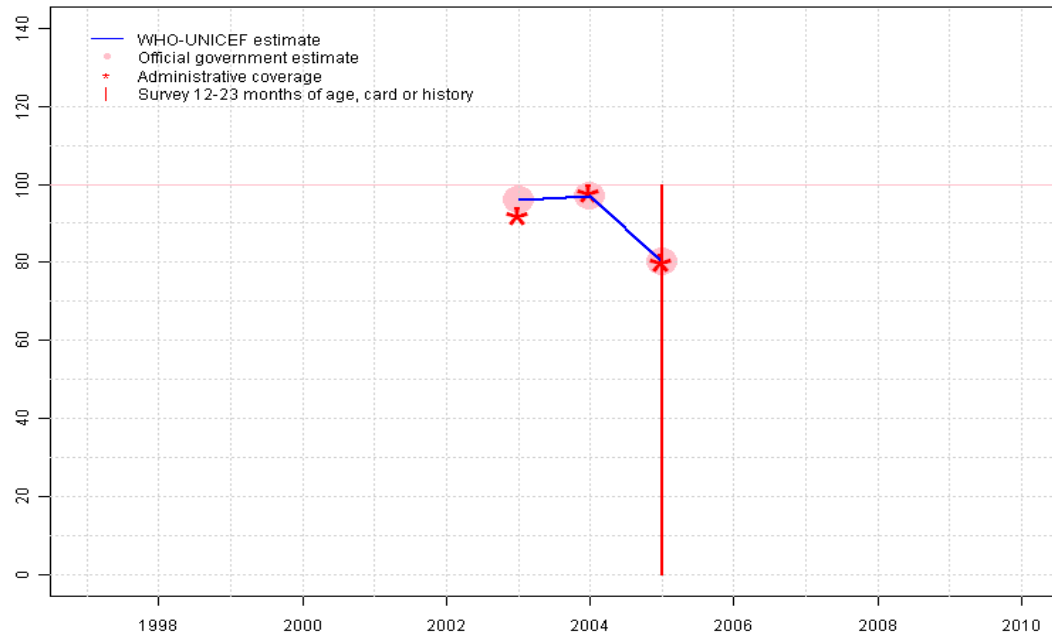
2009: Estimate based on reported data.

2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	88	91	94	94	94	93	92	96	97	99	98	99	99	98
Official	90	92	94	94	94	93	92	96	97	99	98	99	99	98
Administrative	NA	NA	94	94	94	93	92	97	97	97	121	99	99	98
Survey	NA	NA	88	NA	NA	NA	NA	NA	99	NA	NA	NA	NA	NA

Tunisia - Hib3

TUN - Hib3

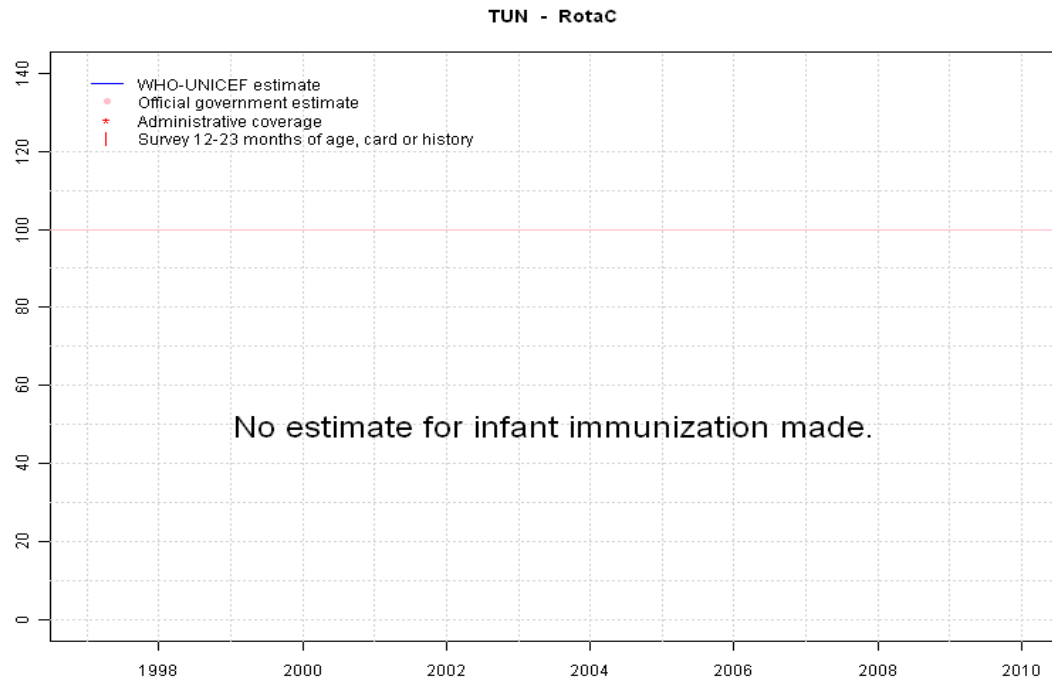


Description:

- 2003: Estimate based on reported data. Hib reporting started in 2003
- 2004: Estimate based on reported data.
- 2005: National recommendation for Hib vaccine discontinued in 2006. Reported data not accepted due to a decline from 97 level to 80 percent. Survey not accepted. National recommendation for Hib vaccine discontinued in 2006.

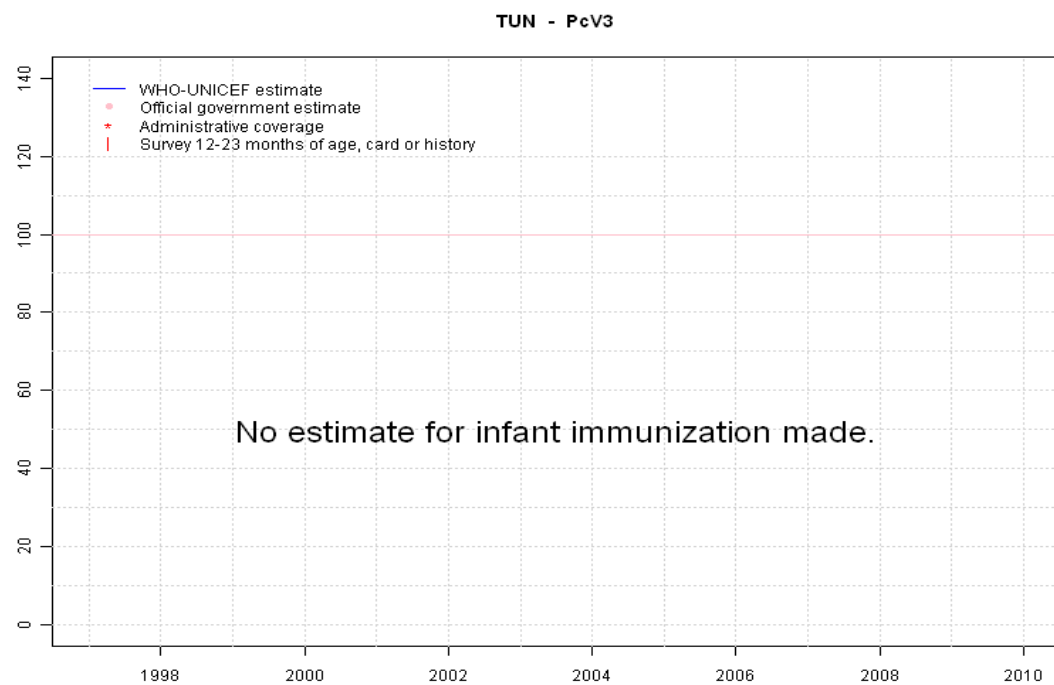
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	NA	NA	NA	NA	96	97	80	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	96	97	80	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	92	98	80	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	NA

Tunisia - 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

Tunisia - 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

Tunisia - survey details

2005 L'enquête sur la santé et le bien-être de la mère et l'enfant
MICS3, Tunisie 2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	99	12-23 m	595	0
DTP3	Card or History	100	12-23 m	595	0
HepB3	Card or History	99	12-23 m	595	0
Hib3	Card or History	100	12-23 m	595	0
Pol3	Card or History	100	12-23 m	595	0

2004 L'enquête sur la santé et le bien-être de la mère et l'enfant
MICS3, Tunisie 2006

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

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
MCV	Card or History	98	24-35 m	595	0

1999 Tunisia MICS 2000

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	97	12-23 m	2158	0
DTP3	Card or History	96	12-23 m	2158	0
HepB3	Card or History	88	12-23 m	2158	0
MCV	Card or History	71	12-23 m	2158	0
Pol3	Card or History	96	12-23 m	2158	0

Tunisia

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. From 1996 onward, reported PAB estimates have been used.

Year	PAB coverage estimate (%)
1997	80
1998	85
1999	82
2000	68
2001	87
2002	86
2003	87
2004	89
2005	90
2006	89
2007	96
2008	96
2009	96
2010	96

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.