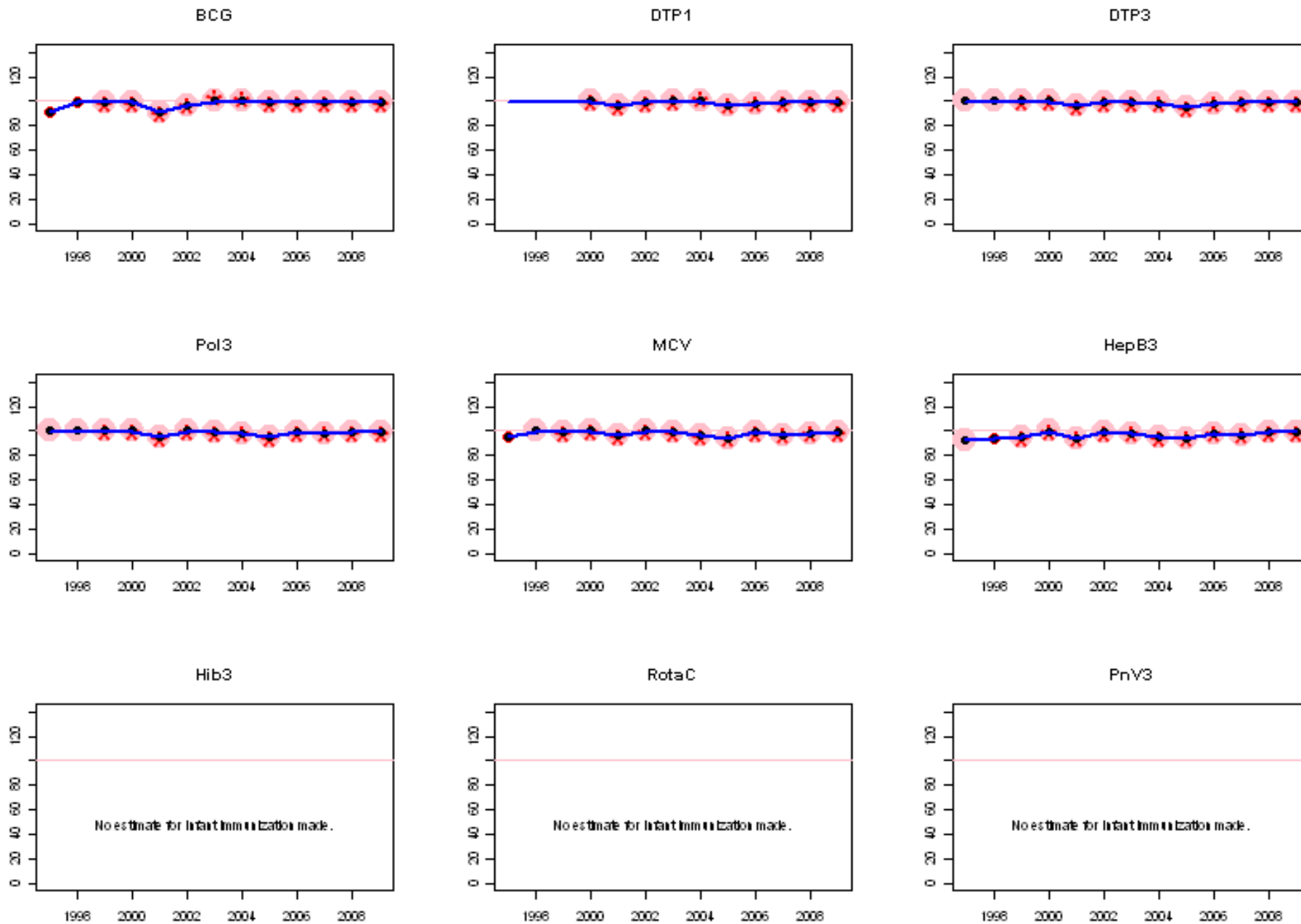
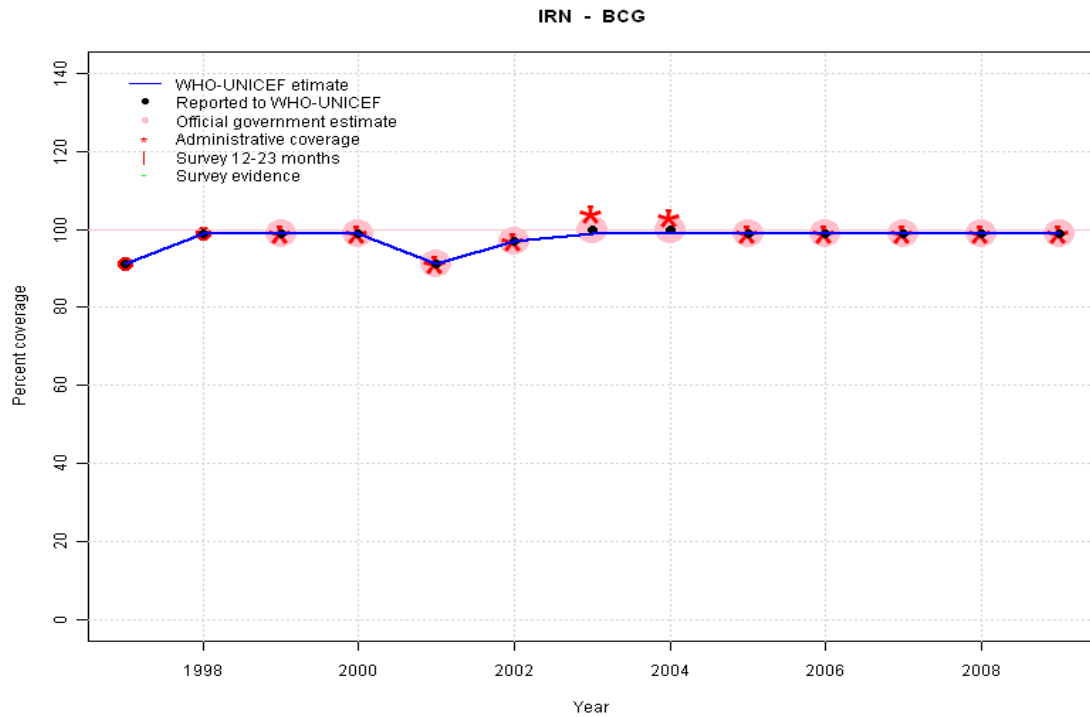


Iran (Islamic Republic of): WHO and UNICEF estimates of immunization coverage, 1997 - 2009



Iran (Islamic Republic of) - BCG

Description:

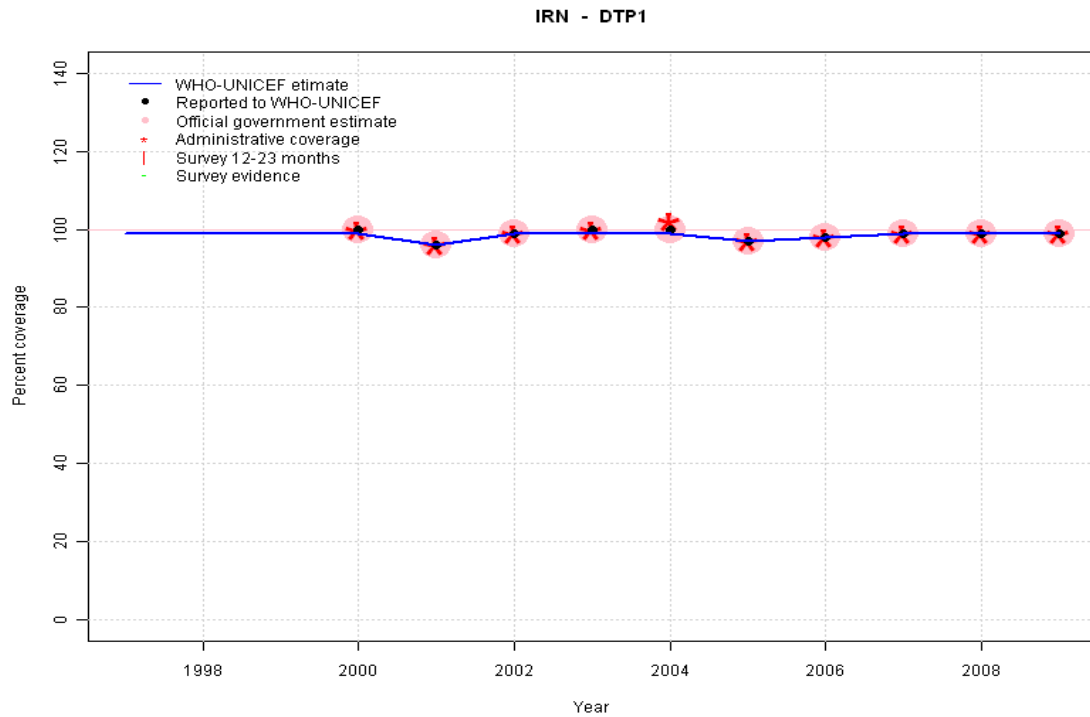


- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data. In March 2005, Iran conducted 41 province specific coverage surveys (n=22 200) percent cards seen = 97.8 percent, age group 15-26 months. Coverage for all infant vaccines (99 percent) which supports 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.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Estimate	91	99	99	99	91	97	99	99	99	99	99	99	99
Reported	91	99	99	99	91	97	100	100	99	99	99	99	99
Official	NA	NA	99	99	91	97	100	100	99	99	99	99	99
Administrative	NA	NA	99	99	91	97	104	103	99	99	99	99	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Iran (Islamic Republic of) - DTP1

Description:

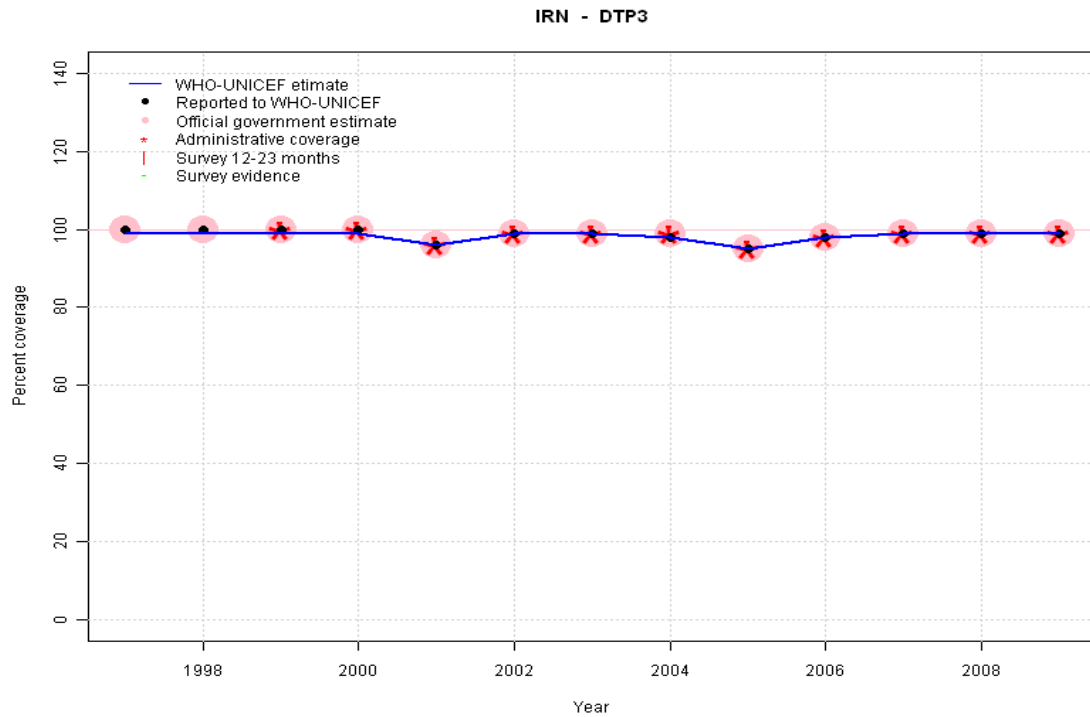


- 1997: Legacy estimate.
- 1998: Estimate based on trend in reported data. Missing or ignored reported value estimated by extrapolation from 2000 reported value of 99 percent.
- 1999: Estimate based on trend in reported data. Missing or ignored reported value estimated by extrapolation from 2000 reported value of 99 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. In March 2005, Iran conducted 41 province specific coverage surveys (n=22 200) percent cards seen = 97.8 percent, age group 15-26 months. Coverage for all infant vaccines (99 percent) which supports 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.

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

Iran (Islamic Republic of) - 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. In March 2005, Iran conducted 41 province specific coverage surveys (n=22 200) percent cards seen = 97.8 percent, age group 15-26 months. Coverage for all infant vaccines (99 percent) which supports 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.

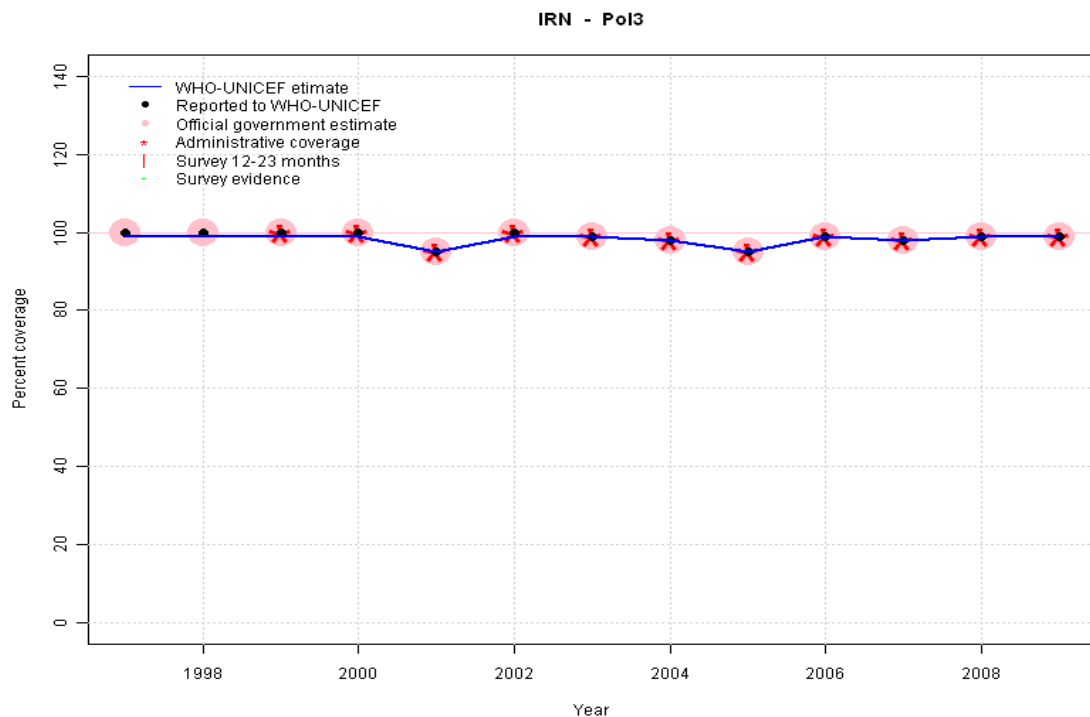
2008: Estimate based on reported data.

2009: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Estimate	99	99	99	99	96	99	99	98	95	98	99	99	99
Reported	100	100	100	100	96	99	99	98	95	98	99	99	99
Official	100	100	100	100	96	99	99	99	95	98	99	99	99
Administrative	NA	NA	100	100	96	99	99	99	95	98	99	99	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Iran (Islamic Republic of) - Pol3

Description:

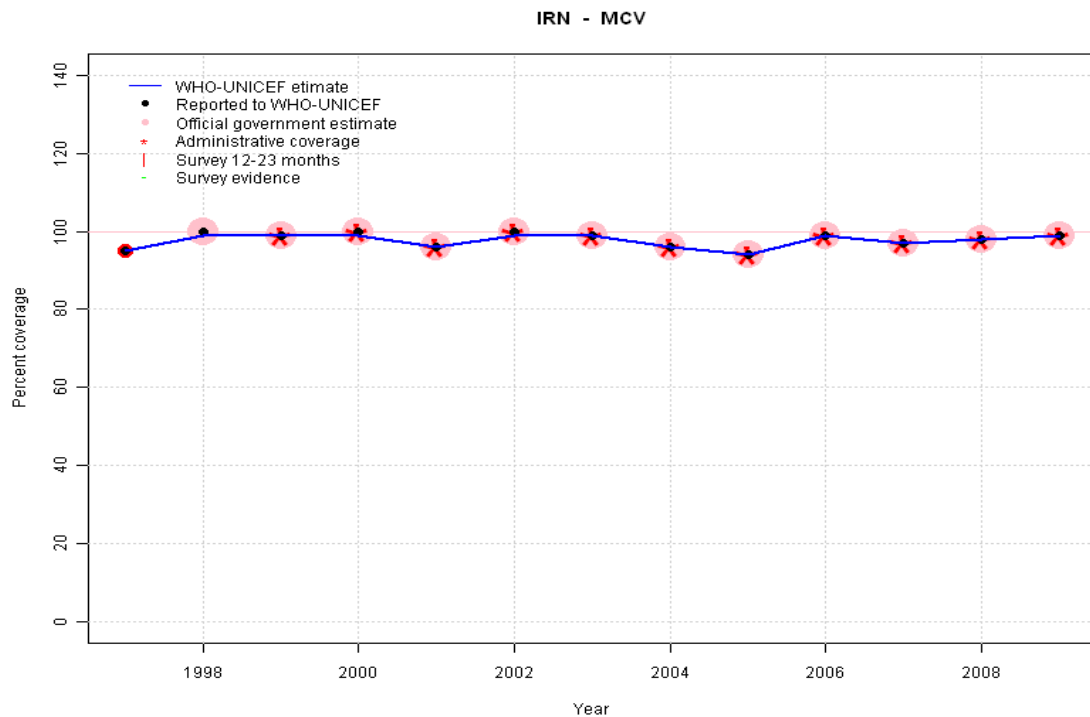


- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data. In March 2005, Iran conducted 41 province specific coverage surveys (n=22 200) percent cards seen = 97.8 percent, age group 15-26 months. Coverage for all infant vaccines (99 percent) which supports 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.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Estimate	99	99	99	99	95	99	99	98	95	99	98	99	99
Reported	100	100	100	100	95	100	99	98	95	99	98	99	99
Official	100	100	100	100	95	100	99	98	95	99	98	99	99
Administrative	NA	NA	100	100	95	100	99	98	95	99	98	99	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Iran (Islamic Republic of) - MCV

Description:

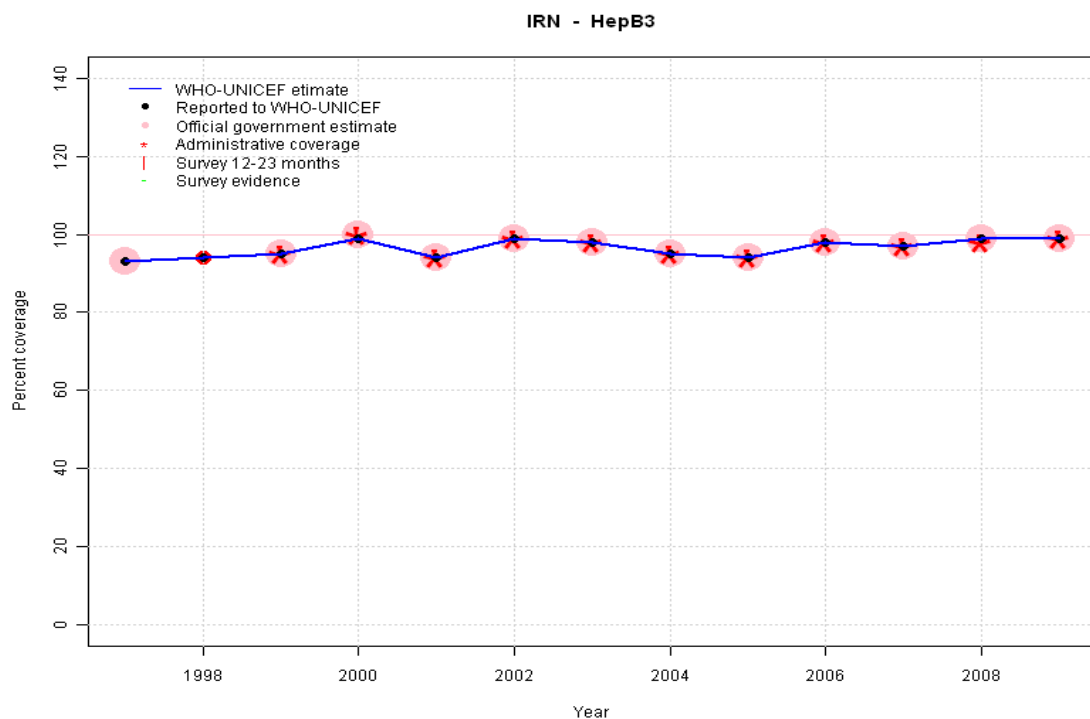


- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data. In March 2005, Iran conducted 41 province specific coverage surveys (n=22 200) percent cards seen = 97.8 percent, age group 15-26 months. Coverage for all infant vaccines (99 percent) which supports 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.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Estimate	95	99	99	99	96	99	99	96	94	99	97	98	99
Reported	95	100	99	100	96	100	99	96	94	99	97	98	99
Official	NA	100	99	100	96	100	99	96	94	99	97	98	99
Administrative	NA	NA	99	100	96	100	99	96	94	99	97	98	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Iran (Islamic Republic of) - HepB3

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. In March 2005, Iran conducted 41 province specific coverage surveys (n=22 200) percent cards seen = 97.8 percent, age group 15-26 months. Coverage for all infant vaccines (99 percent) which supports reported data.

2004: Estimate based on reported data.

2005: Estimate based on reported data.

2006: Estimate based on reported data.

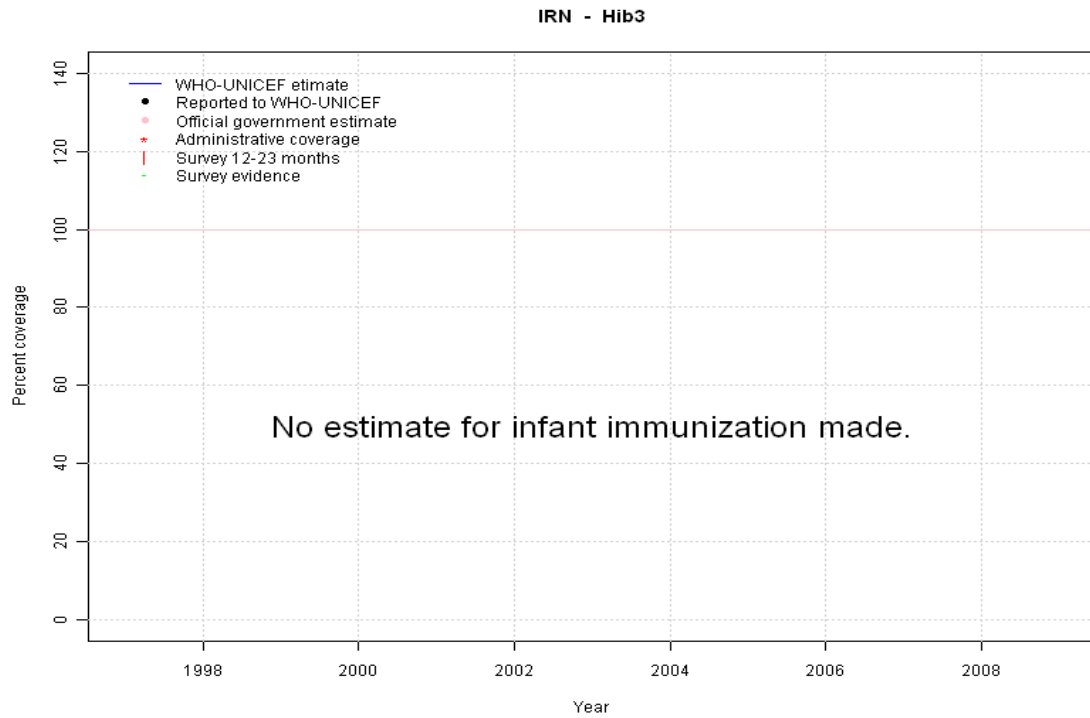
2007: Estimate based on reported data.

2008: Estimate based on reported data.

2009: Estimate based on reported data.

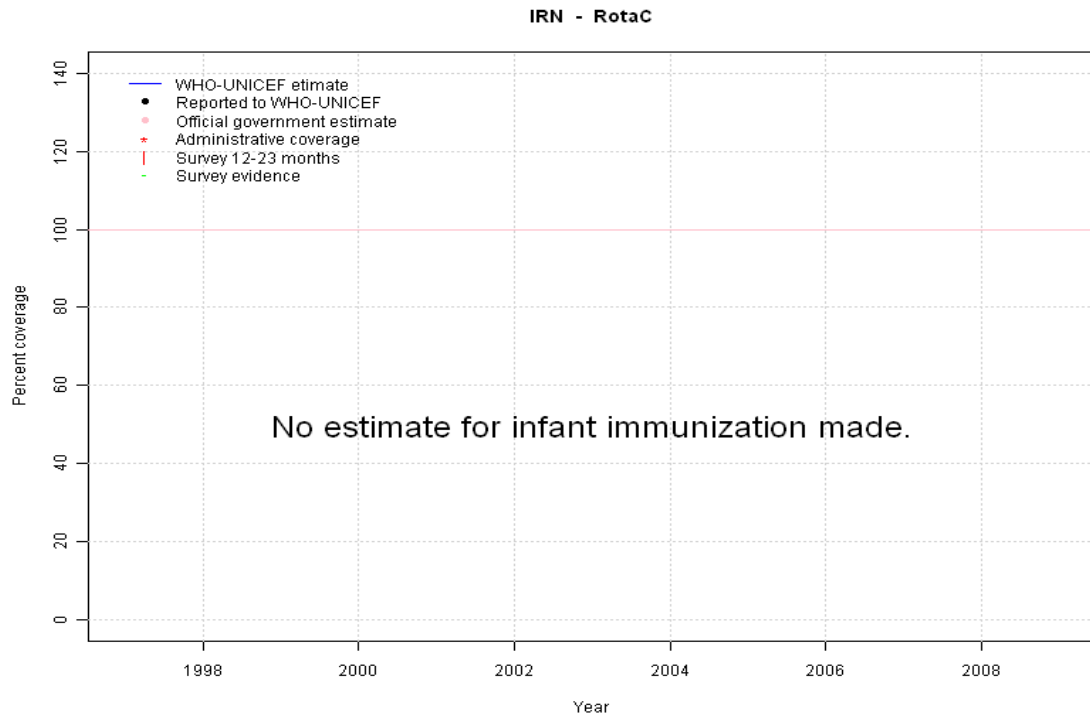
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Estimate	93	94	95	99	94	99	98	95	94	98	97	99	99
Reported	93	94	95	99	94	99	98	95	94	98	97	99	99
Official	93	NA	95	100	94	99	98	95	94	98	97	99	99
Administrative	NA	NA	95	100	94	99	98	95	94	98	97	98	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Iran (Islamic Republic of) - Hib3



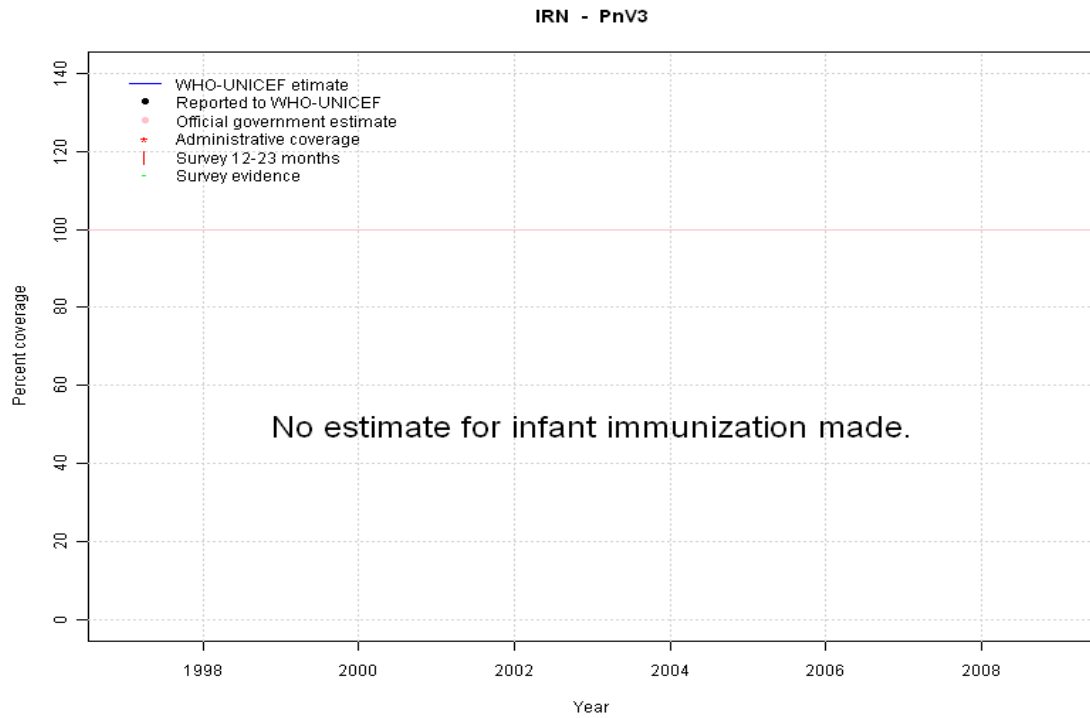
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reported	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA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

Iran (Islamic Republic of) - RotaC



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

Iran (Islamic Republic of) - PnV3



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

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

Iran (Islamic Republic of)

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	81
1998	82
1999	82
2000	82
2001	82
2002	82
2003	82
2004	82
2005	83
2006	83
2007	83
2008	83
2009	83

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.