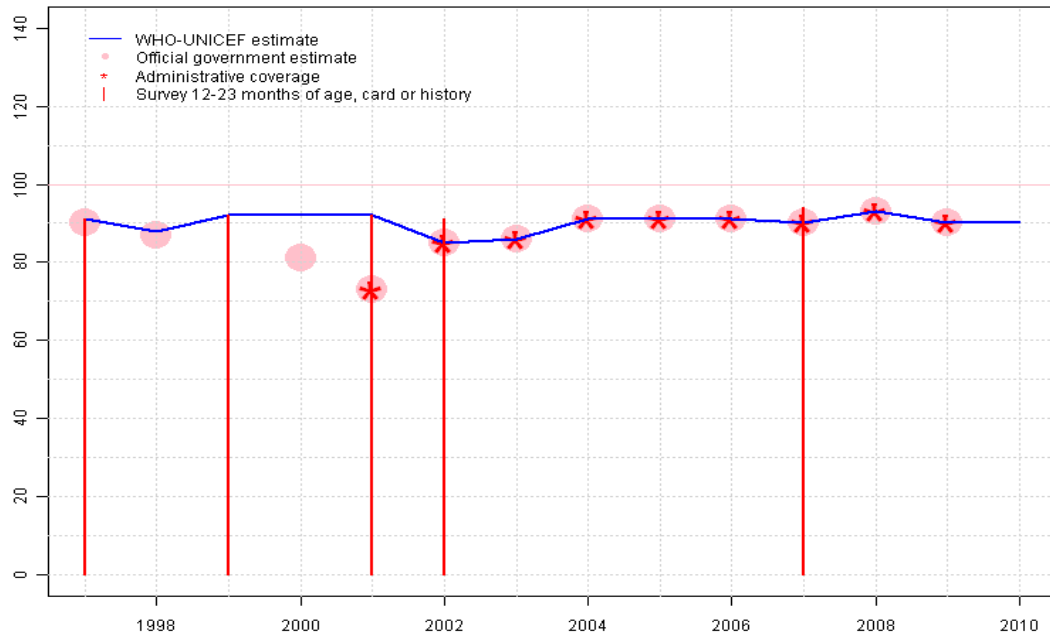


Philippines - BCG

PHL - BCG



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	91	88	92	92	92	85	86	91	91	91	90	93	90	90
Official	90	87	NA	81	73	85	86	91	91	91	90	93	90	NA
Administrative	NA	NA	NA	NA	73	85	86	91	91	91	90	93	90	NA
Survey	91	NA	92	NA	92	91	NA	NA	NA	NA	94	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Reported data calibrated to 1997 and 1999 levels. Current estimate of 88 percent changed from previous revision value of 92 percent.

1999: Estimate is based on survey results.

2000: Estimate based on interpolation between 1999 and 2001. Trend in reported data not supported by trend in surveys.

2001: Estimate based on survey results. 92 percent survey results does not support reported data of 73 percent.

2002: Estimate based on reported data. 91 percent survey results supports reported data of 85 percent.

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. 94 percent survey results supports reported data of 90 percent.

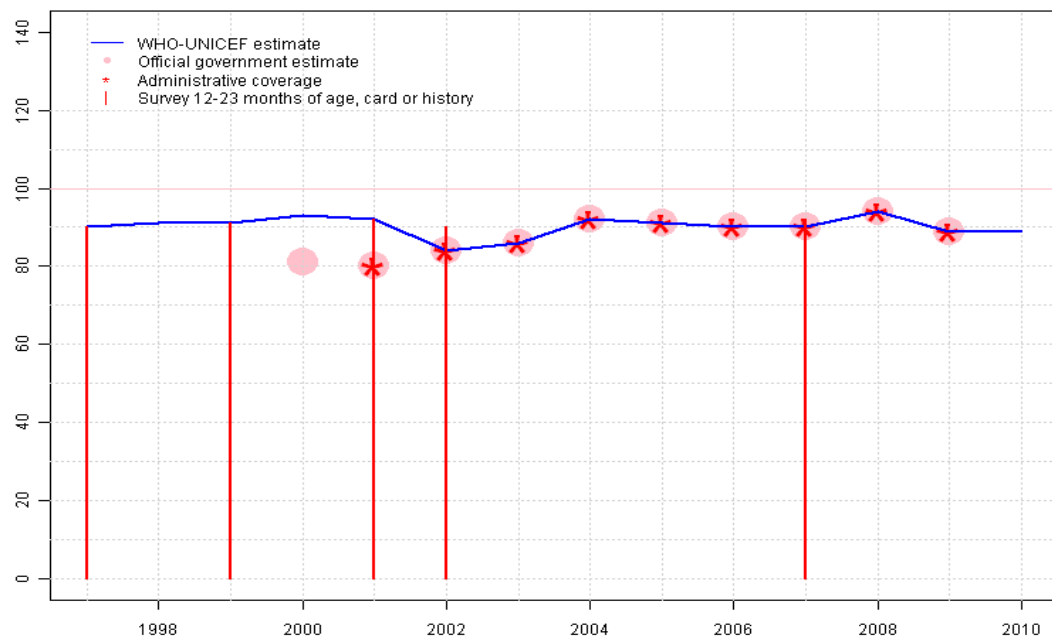
2008: Estimate based on reported data.

2009: Estimate based on reported data.

2010: Estimate based on extrapolation from 2009 value of 90 percent.

Philippines - DTP1

PHL - DTP1



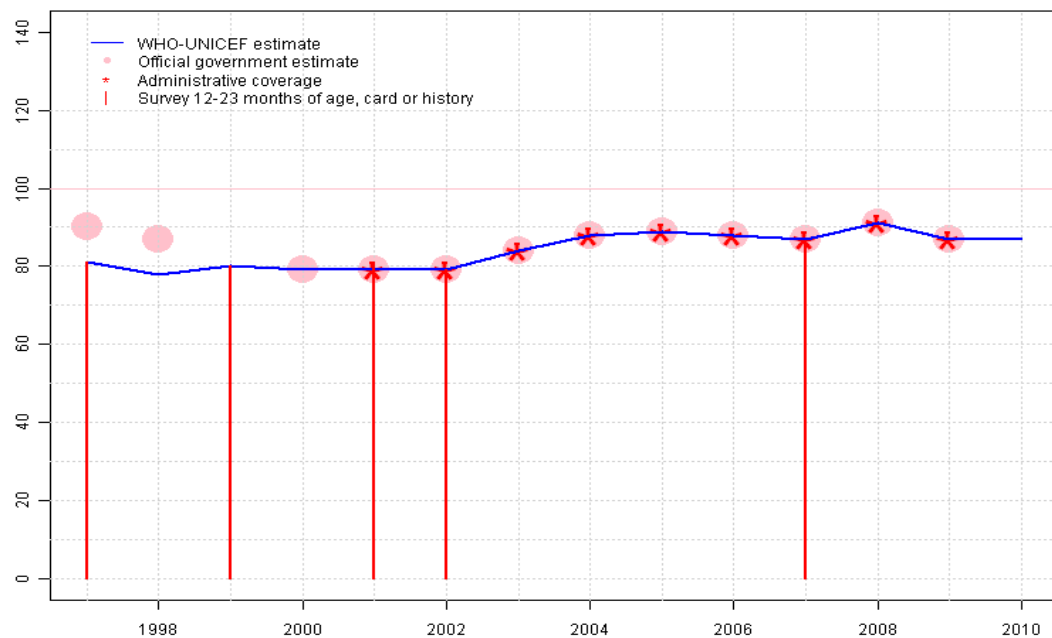
Description:

- 1997: Legacy estimate.
- 1998: No DTP1 data. Estimate based on DTP3 coverage of 78.
- 1999: Estimate is based on survey results.
- 2000: Reported data calibrated to 1999 and 2001 levels. Current estimate of 93 percent changed from previous revision value of 92 percent.
- 2001: Estimate based on survey results. 92 percent survey results does not support reported data of 80 percent.
- 2002: Estimate based on reported data. 90 percent survey results supports reported data of 84 percent.
- 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. 92 percent survey results supports reported data of 90 percent.
- 2008: Estimate based on reported data.
- 2009: Estimate based on reported data.
- 2010: Estimate based on extrapolation from 2009 value of 89 percent.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	90	91	91	93	92	84	86	92	91	90	90	94	89	89
Official	NA	NA	NA	81	80	84	86	92	91	90	90	94	89	NA
Administrative	NA	NA	NA	NA	80	84	86	92	91	90	90	94	89	NA
Survey	90	NA	91	NA	92	90	NA	NA	NA	NA	92	NA	NA	NA

Philippines - DTP3

PHL - DTP3



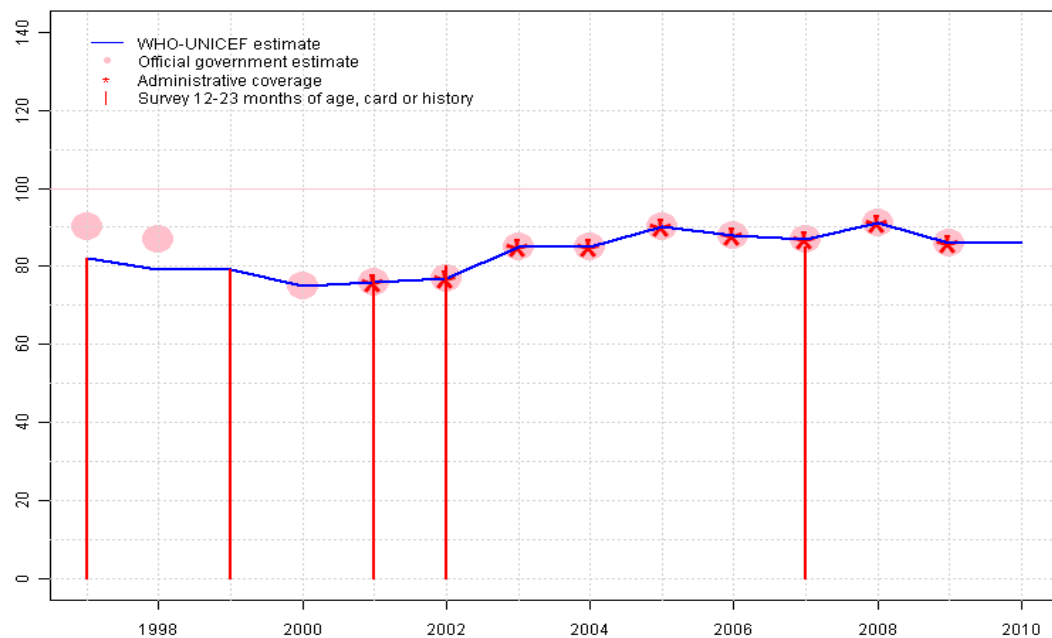
Description:

- 1997: Legacy estimate. Survey results of 81 percent modified for recall bias to 83 percent based on 1st dose card or history coverage of 90 percent, 1st dose card only coverage of 41 percent and 3d dose card only coverage of 38 percent.
- 1998: Reported data calibrated to 1997 and 1999 levels. Current estimate of 78 percent changed from previous revision value of 81 percent.
- 1999: Estimate is based on survey results.
- 2000: Reported data calibrated to 1999 and 2001 levels. Current estimate of 79 percent changed from previous revision value of 78 percent.
- 2001: Estimate based on reported data. 81 percent survey results supports reported data of 79 percent.
- 2002: Estimate based on reported data. 85 percent survey results supports reported data of 79 percent. Survey results of 79 percent modified for recall bias to 85 percent based on 1st dose card or history coverage of 90 percent, 1st dose card only coverage of 38 percent and 3d dose card only coverage of 36 percent.
- 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. 90 percent survey results supports reported data of 87 percent. Survey results of 86 percent modified for recall bias to 90 percent based on 1st dose card or history coverage of 92 percent, 1st dose card only coverage of 42 percent and 3d dose card only coverage of 41 percent.
- 2008: Estimate based on reported data.
- 2009: Estimate based on reported data.
- 2010: Estimate based on extrapolation from 2009 value of 87 percent.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	81	78	80	79	79	79	84	88	89	88	87	91	87	87
Official	90	87	NA	79	79	79	84	88	89	88	87	91	87	NA
Administrative	NA	NA	NA	NA	79	79	84	88	89	88	87	91	87	NA
Survey	81	NA	80	NA	81	79	NA	NA	NA	NA	86	NA	NA	NA

Philippines - Pol3

PHL - Pol3



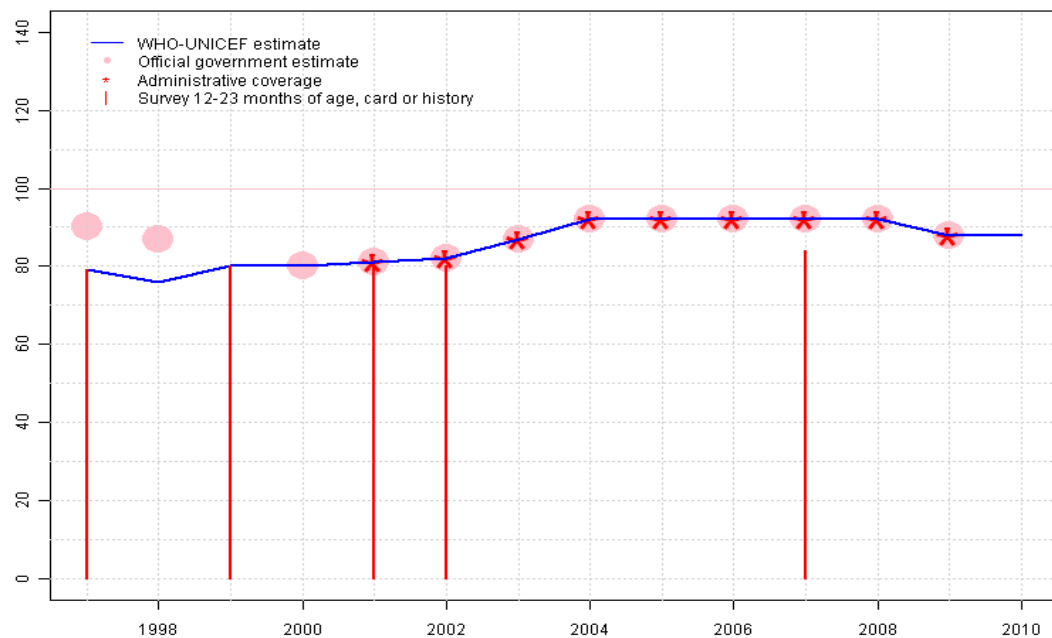
Description:

- 1997: Legacy estimate. Survey results of 82 percent modified for recall bias to 85 percent based on 1st dose card or history coverage of 92 percent, 1st dose card only coverage of 41 percent and 3d dose card only coverage of 38 percent.
- 1998: Reported data calibrated to 1997 and 1999 levels. Current estimate of 79 percent changed from previous revision value of 82 percent.
- 1999: Estimate is based on survey results.
- 2000: Reported data calibrated to 1999 and 2001 levels. Current estimate of 75 percent changed from previous revision value of 74 percent.
- 2001: Estimate based on reported data. 78 percent survey results supports reported data of 76 percent.
- 2002: Estimate based on reported data. 84 percent survey results supports reported data of 77 percent. Survey results of 80 percent modified for recall bias to 84 percent based on 1st dose card or history coverage of 91 percent, 1st dose card only coverage of 39 percent and 3d dose card only coverage of 36 percent.
- 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. 91 percent survey results supports reported data of 87 percent. Survey results of 85 percent modified for recall bias to 91 percent based on 1st dose card or history coverage of 93 percent, 1st dose card only coverage of 42 percent and 3d dose card only coverage of 41 percent.
- 2008: Estimate based on reported data.
- 2009: Estimate based on reported data.
- 2010: Estimate based on extrapolation from 2009 value of 86 percent.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	82	79	79	75	76	77	85	85	90	88	87	91	86	86
Official	90	87	NA	75	76	77	85	85	90	88	87	91	86	NA
Administrative	NA	NA	NA	NA	76	77	85	85	90	88	87	91	86	NA
Survey	82	NA	79	NA	78	80	NA	NA	NA	NA	85	NA	NA	NA

Philippines - MCV

PHL - MCV



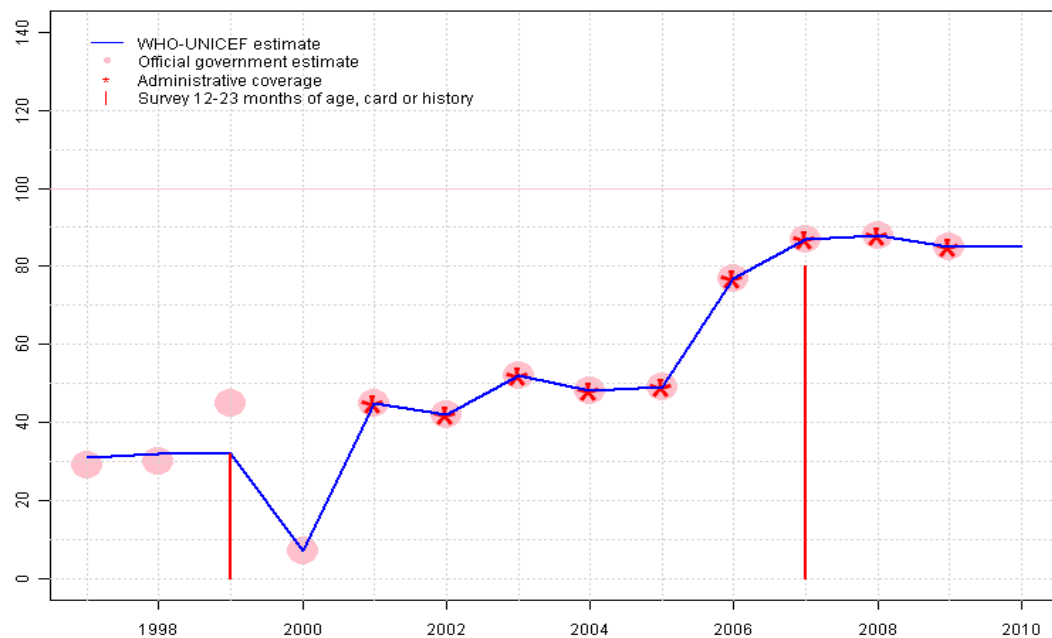
Description:

- 1997: Legacy estimate.
- 1998: Reported data calibrated to 1997 and 1999 levels. Current estimate of 76 percent changed from previous revision value of 80 percent.
- 1999: Estimate is based on survey results.
- 2000: Reported data calibrated to 1999 and 2001 levels. Current estimate of 80 percent changed from previous revision value of 81 percent.
- 2001: Estimate based on reported data. 80 percent survey results supports reported data of 81 percent.
- 2002: Estimate based on reported data. 80 percent survey results supports reported data of 82 percent.
- 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. 84 percent survey results supports reported data of 92 percent.
- 2008: Estimate based on reported data.
- 2009: Estimate based on reported data.
- 2010: Estimate based on extrapolation from 2009 value of 88 percent.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	79	76	80	80	81	82	87	92	92	92	92	92	88	88
Official	90	87	NA	80	81	82	87	92	92	92	92	92	88	NA
Administrative	NA	NA	NA	NA	81	82	87	92	92	92	92	92	88	NA
Survey	79	NA	80	NA	80	80	NA	NA	NA	NA	84	NA	NA	NA

Philippines - HepB3

PHL - HepB3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	31	32	32	7	45	42	52	48	49	77	87	88	85	85
Official	29	30	45	7	45	42	52	48	49	77	87	88	85	NA
Administrative	NA	NA	NA	NA	45	42	52	48	49	77	87	88	85	NA
Survey	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	80	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Reported data calibrated to 1997 and 1999 levels. Current estimate of 32 percent changed from previous revision value of 30 percent.

1999: Estimate is based on survey results. Reported data not accepted due to an increase from 30 percent to 45 percent with a subsequent decrease to 7 percent.

2000: Estimate is based on reported data. Decline in coverage is possibly due to a vaccine shortage. Reported data not accepted due to a decline from 45 percent to 7 percent with a subsequent increase to 45 percent.

2001: Estimate is 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.

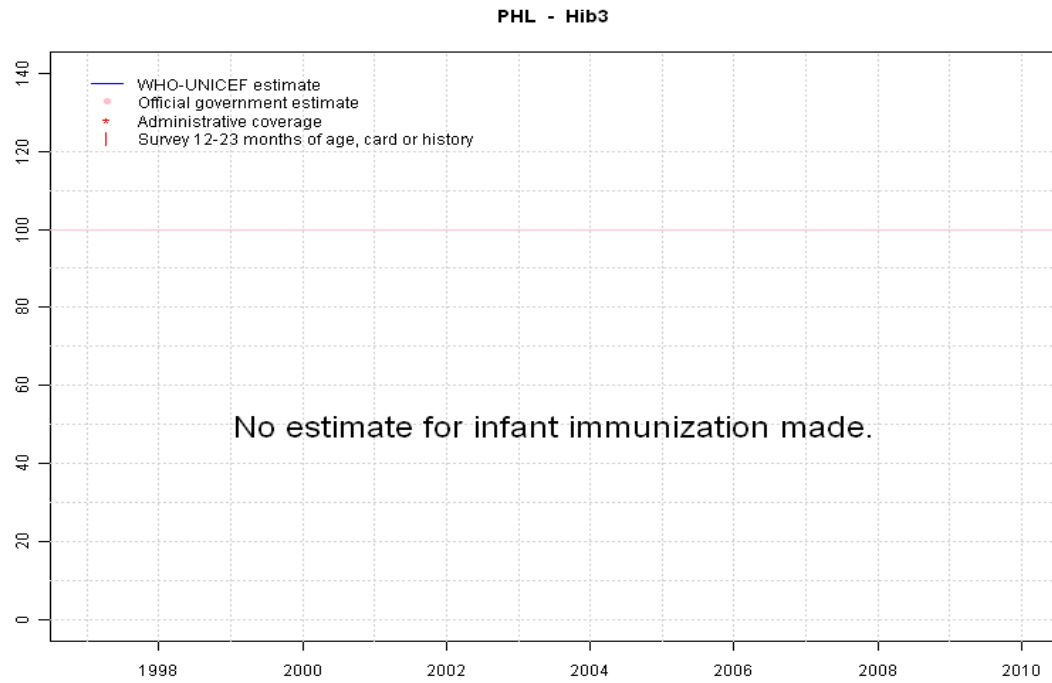
2007: Estimate based on reported data. 84 percent survey results supports reported data of 87 percent. Survey results of 80 percent modified for recall bias to 84 percent based on 1st dose card or history coverage of 88 percent, 1st dose card only coverage of 42 percent and 3d dose card only coverage of 40 percent.

2008: Estimate based on reported data.

2009: Estimate based on reported data.

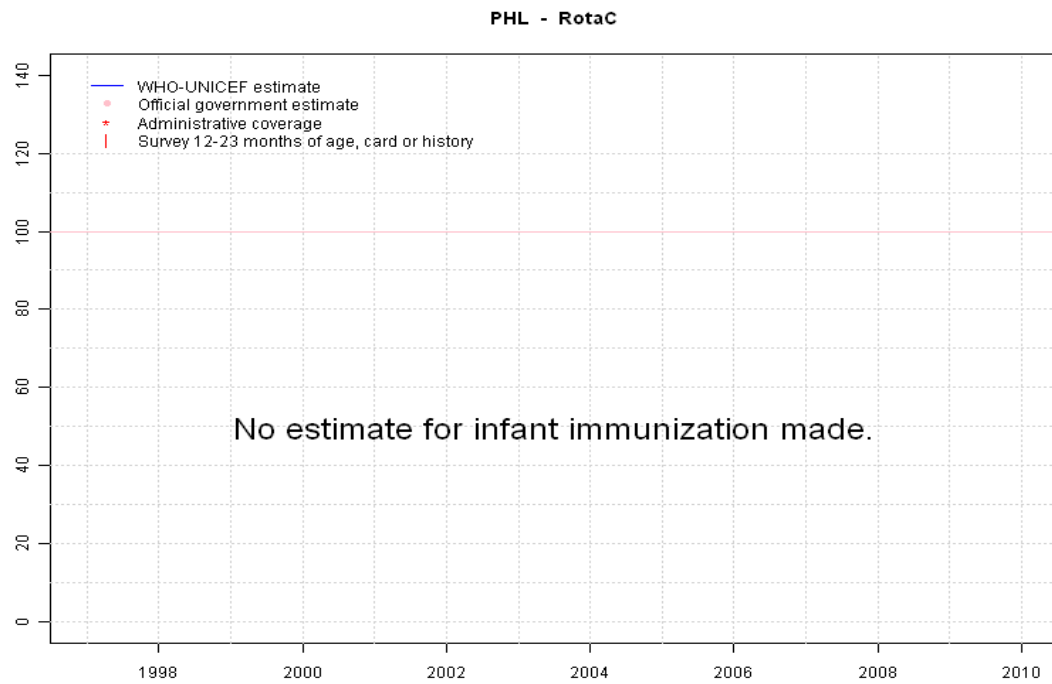
2010: Estimate based on extrapolation from 2009 value of 85 percent.

Philippines - 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

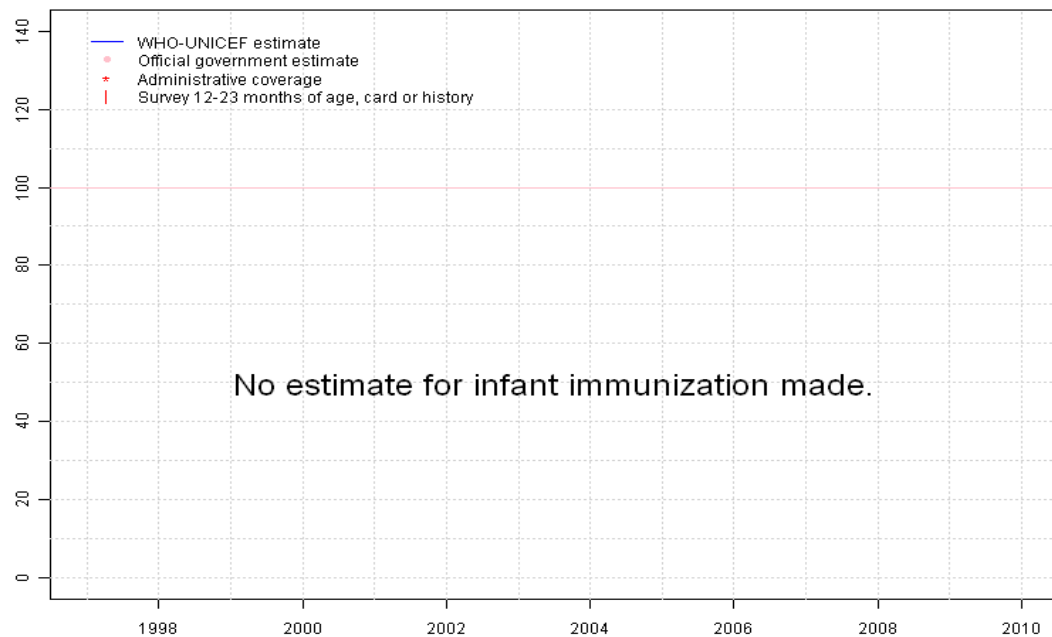
Philippines - RotaC



	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

Philippines - PcV3

PHL - 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

Philippines - survey details

2007 Philippines National Demographic and Health Survey (NDHS) 2008

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	42	12-23 m	1286	42
BCG	History	52	12-23 m	1286	42
BCG	Card or History	94	12-23 m	1286	42
BCG	C or H <12 months	92	12-23 m	1286	42
DTP1	Card	42	12-23 m	1286	42
DTP1	History	50	12-23 m	1286	42
DTP1	Card or History	92	12-23 m	1286	42
DTP1	C or H <12 months	91	12-23 m	1286	42
DTP3	C or H <12 months	83	12-23 m	1286	42
DTP3	Card	41	12-23 m	1286	42
DTP3	Card or History	86	12-23 m	1286	42
DTP3	History	45	12-23 m	1286	42
HepB1	Card	42	12-23 m	1286	42
HepB1	C or H <12 months	86	12-23 m	1286	42
HepB1	Card or History	88	12-23 m	1286	42
HepB1	History	46	12-23 m	1286	42
HepB3	History	41	12-23 m	1286	42
HepB3	Card or History	80	12-23 m	1286	42
HepB3	Card	40	12-23 m	1286	42
HepB3	C or H <12 months	76	12-23 m	1286	42
MCV	History	46	12-23 m	1286	42
MCV	C or H <12 months	76	12-23 m	1286	42
MCV	Card or History	84	12-23 m	1286	42
MCV	Card	39	12-23 m	1286	42
Pol1	History	50	12-23 m	1286	42
Pol1	Card or History	93	12-23 m	1286	42
Pol1	Card	42	12-23 m	1286	42
Pol1	C or H <12 months	91	12-23 m	1286	42
Pol3	Card	41	12-23 m	1286	42
Pol3	History	44	12-23 m	1286	42
Pol3	Card or History	85	12-23 m	1286	42
Pol3	C or H <12 months	83	12-23 m	1286	42

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	History	52	12-23 m	1348	39
BCG	C or H <12 months	89	12-23 m	1348	39
BCG	Card	38	12-23 m	1348	39
BCG	Card or history	91	12-23 m	1348	39
DTP1	C or H <12 months	88	12-23 m	1348	39
DTP1	Card	38	12-23 m	1348	39
DTP1	Card or history	90	12-23 m	1348	39
DTP1	History	52	12-23 m	1348	39
DTP3	History	43	12-23 m	1348	39
DTP3	Card	36	12-23 m	1348	39
DTP3	Card or history	79	12-23 m	1348	39
DTP3	C or H <12 months	75	12-23 m	1348	39
MCV	Card	34	12-23 m	1348	39
MCV	Card or history	80	12-23 m	1348	39
MCV	History	46	12-23 m	1348	39
MCV	C or H <12 months	70	12-23 m	1348	39
Pol1	C or H <12 months	90	12-23 m	1348	39
Pol1	Card	39	12-23 m	1348	39
Pol1	Card or history	91	12-23 m	1348	39
Pol1	History	53	12-23 m	1348	39
Pol3	C or H <12 months	76	12-23 m	1348	39
Pol3	History	44	12-23 m	1348	39
Pol3	Card	36	12-23 m	1348	39
Pol3	Card or history	80	12-23 m	1348	39

2001 Philippines, Maternal and Child Health Survey 2002

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	92	12-23 m	1885	91
DTP1	Card or History	92	12-23 m	1885	91
DTP3	Card or History	81	12-23 m	1885	91
MCV	Card or History	80	12-23 m	1885	91
Pol3	Card or History	78	12-23 m	1885	91

1999 Philippines, Maternal and Child Health Survey 2000

2002 National Demographic and Health Survey 2003

Philippines - survey details

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	92	12-23 m	2227	89
DTP1	Card or History	91	12-23 m	2227	89
DTP3	Card or History	80	12-23 m	2227	89
HepB1	Card or History	62	12-23 m	2227	89
HepB3	Card or History	32	12-23 m	2227	89
MCV	Card or History	80	12-23 m	2227	89
Pol1	Card or History	90	12-23 m	2227	89
Pol3	Card or History	79	12-23 m	2227	89

1997 Philippines, National Demographic and Health Survey 1998, 1999

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	91	12-23 m	1474	41
BCG	History	50	12-23 m	1474	41
BCG	Card	41	12-23 m	1474	41
BCG	C or H <12 months	91	12-23 m	1474	41
DTP1	Card	41	12-23 m	1474	41

DTP1	Card or History	90	12-23 m	1474	41
DTP1	History	49	12-23 m	1474	41
DTP1	C or H <12 months	90	12-23 m	1474	41
DTP3	History	43	12-23 m	1474	41
DTP3	C or H <12 months	79	12-23 m	1474	41
DTP3	Card	38	12-23 m	1474	41
DTP3	Card or History	81	12-23 m	1474	41
MCV	History	44	12-23 m	1474	41
MCV	C or H <12 months	71	12-23 m	1474	41
MCV	Card or History	79	12-23 m	1474	41
MCV	Card	35	12-23 m	1474	41
Pol1	C or H <12 months	92	12-23 m	1474	41
Pol1	Card	41	12-23 m	1474	41
Pol1	Card or History	92	12-23 m	1474	41
Pol1	History	50	12-23 m	1474	41
Pol3	History	44	12-23 m	1474	41
Pol3	C or H <12 months	81	12-23 m	1474	41
Pol3	Card	38	12-23 m	1474	41
Pol3	Card or History	82	12-23 m	1474	41

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

Philippines

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	55
1998	55
1999	55
2000	55
2001	56
2002	56
2003	56
2004	57
2005	57
2006	61
2007	58
2008	58
2009	68
2010	75

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.