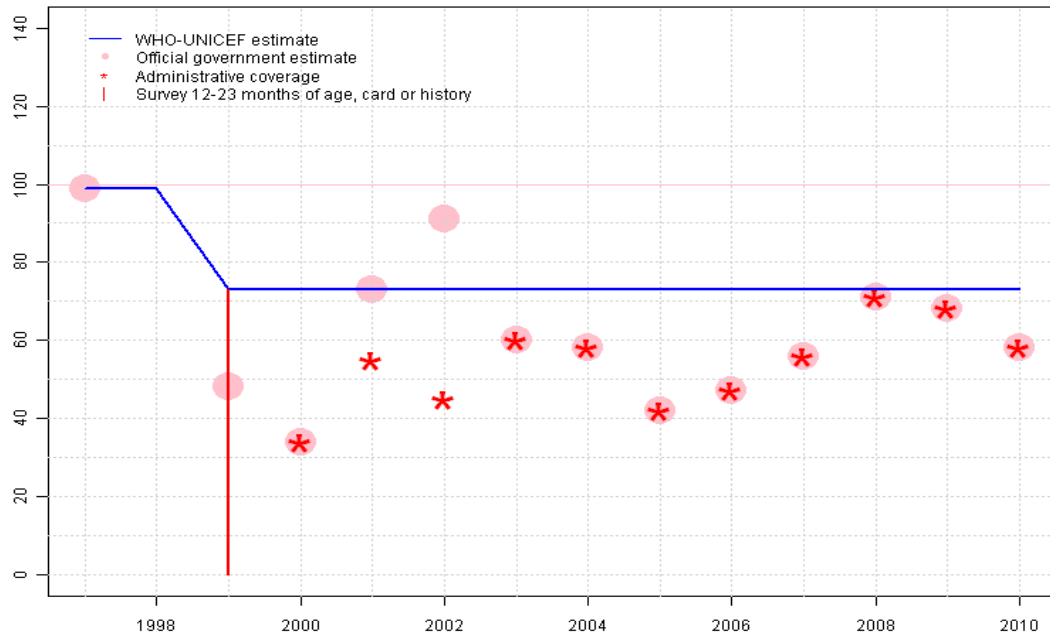


Equatorial Guinea - BCG

GNO - BCG



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	99	73	73	73	73	73	73	73	73	73	73	73	73
Official	99	NA	48	34	73	91	60	58	42	47	56	71	68	58
Administrative	NA	NA	NA	34	55	45	60	58	42	47	56	71	68	58
Survey	NA	NA	73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimates since 1990 are based on survey results. After 1998 coverage has dropped dramatically. Contributing factors include lack of resources to maintain motorcycles and cold chain, insufficient trained staff and limited external financial support. The

1999: Estimate based on survey results.

2000: Estimate based on interpolation between 1999 and 2010. Reported data not accepted due to a decline from 48 percent to 34 percent with a subsequent increase to 73 percent. Unexplained temporal change in numerator and denominator levels.

2001: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2002: Estimate based on interpolation between 1999 and 2010. Reported data not accepted due to an increase from 73 percent to 91 percent with a subsequent decrease to 60 percent. Unexplained temporal change in numerator and denominator levels.

2003: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2004: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2005: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2007: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

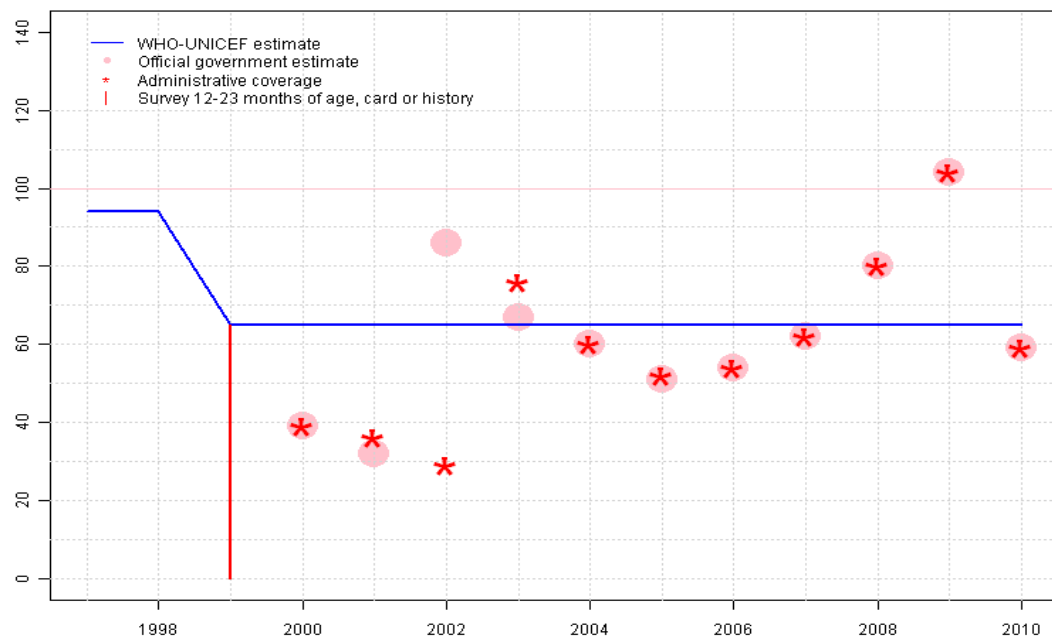
2008: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2009: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2010: Estimate based on survey results. WHO and UNICEF recommend a survey and or data review to confirm current reported levels of coverage.

Equatorial Guinea - DTP1

GNQ - DTP1



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	94	94	65	65	65	65	65	65	65	65	65	65	65	65
Official	NA	NA	NA	39	32	86	67	60	51	54	62	80	104	59
Administrative	NA	NA	NA	39	36	29	76	60	52	54	62	80	104	59
Survey	NA	NA	65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimates since 1990 are based on survey results. After 1998 coverage has dropped dramatically. Contributing factors include lack of resources to maintain motorcycles and cold chain, insufficient trained staff and limited external financial support. The

1999: Estimate based on survey results.

2000: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2001: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2002: Estimate based on interpolation between 1999 and 2010. Reported data not accepted due to an increase from 32 percent to 86 percent with a subsequent decrease to 67 percent. Unexplained temporal change in numerator and denominator levels.

2003: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2004: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2005: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2007: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

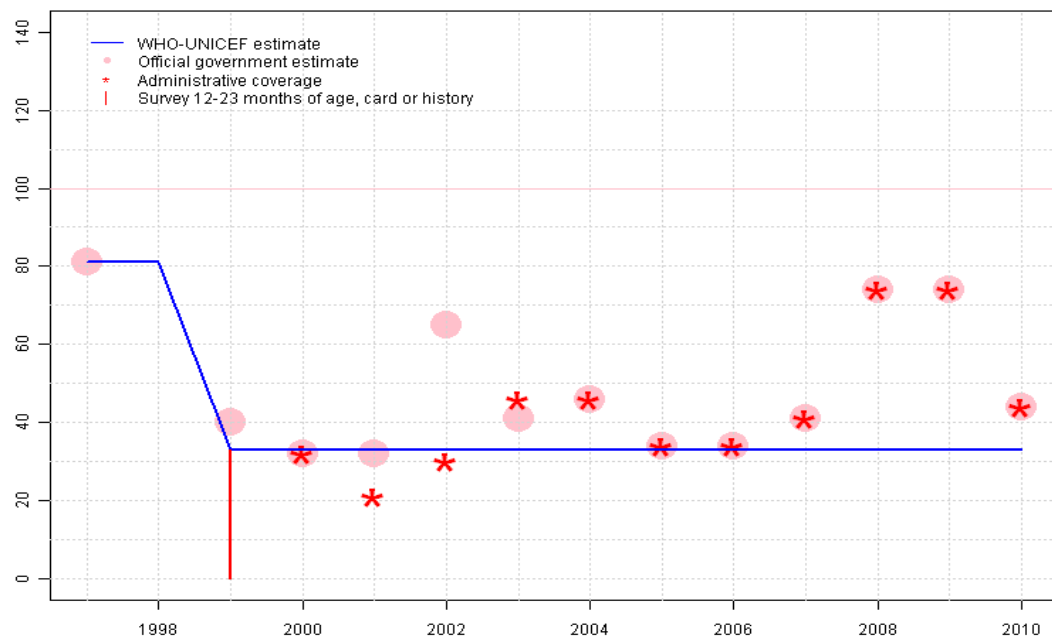
2008: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2009: Estimate based on interpolation between 1999 and 2010. Reported data of 104 percent greater than 100 percent. Reported data not accepted due to an increase from 80 percent to 104 percent with a subsequent decrease to 59 percent. Unexplained temporal change in numerator and denominator levels.

2010: Estimate based on survey results. Reported data not accepted due to a change from 104 level to 59 percent. WHO and UNICEF recommend a survey and or data review to confirm current reported levels of coverage.

Equatorial Guinea - DTP3

GNQ - DTP3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	81	81	33	33	33	33	33	33	33	33	33	33	33	33
Official	81	NA	40	32	32	65	41	46	34	34	41	74	74	44
Administrative	NA	NA	NA	32	21	30	46	46	34	34	41	74	74	44
Survey	NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimates since 1990 are based on survey results. After 1998 coverage has dropped dramatically. Contributing factors include lack of resources to maintain motorcycles and cold chain, insufficient trained staff and limited external financial support. The

1999: Estimate based on survey results.

2000: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2001: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2002: Estimate based on interpolation between 1999 and 2010. Reported data not accepted due to an increase from 32 percent to 65 percent with a subsequent decrease to 41 percent. Unexplained temporal change in numerator and denominator levels.

2003: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2004: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2005: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2007: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

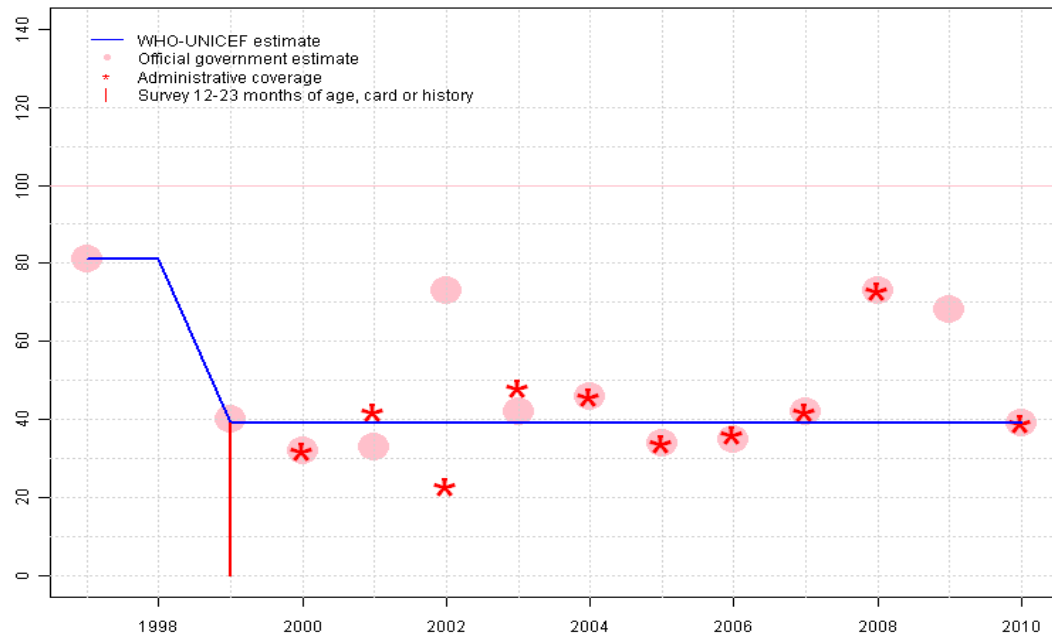
2008: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2009: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2010: Estimate based on survey results. Reported data not accepted due to a change from 74 level to 44 percent. WHO and UNICEF recommend a survey and or data review to confirm current reported levels of coverage.

Equatorial Guinea - Pol3

GNO - Pol3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	81	81	39	39	39	39	39	39	39	39	39	39	39	39
Official	81	NA	40	32	33	73	42	46	34	35	42	73	68	39
Administrative	NA	NA	NA	32	42	23	48	46	34	36	42	73	NA	39
Survey	NA	NA	39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimates since 1990 are based on survey results. After 1998 coverage has dropped dramatically. Contributing factors include lack of resources to maintain motorcycles and cold chain, insufficient trained staff and limited external financial support. The

1999: Estimate based on survey results.

2000: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2001: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2002: Estimate based on interpolation between 1999 and 2010. Reported data not accepted due to an increase from 33 percent to 73 percent with a subsequent decrease to 42 percent. Unexplained temporal change in numerator and denominator levels.

2003: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2004: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2005: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2007: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

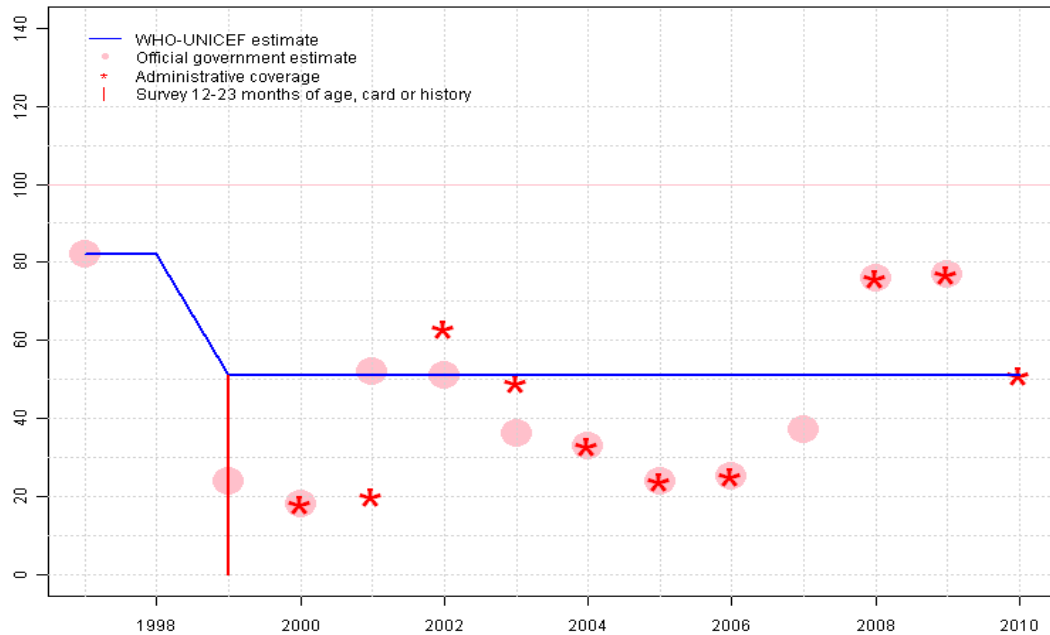
2008: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2009: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2010: Estimate based on survey results. Reported data not accepted due to a change from 68 level to 39 percent. WHO and UNICEF recommend a survey and or data review to confirm current reported levels of coverage.

Equatorial Guinea - MCV

GNQ - MCV



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	82	82	51	51	51	51	51	51	51	51	51	51	51	51
Official	82	NA	24	18	52	51	36	33	24	25	37	76	77	NA
Administrative	NA	NA	NA	18	20	63	49	33	24	25	NA	76	77	51
Survey	NA	NA	51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimates since 1990 are based on survey results. After 1998 coverage has dropped dramatically. Contributing factors include lack of resources to maintain motorcycles and cold chain, insufficient trained staff and limited external financial support. The

1999: Estimate based on survey results.

2000: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2001: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2002: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2003: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2004: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2005: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

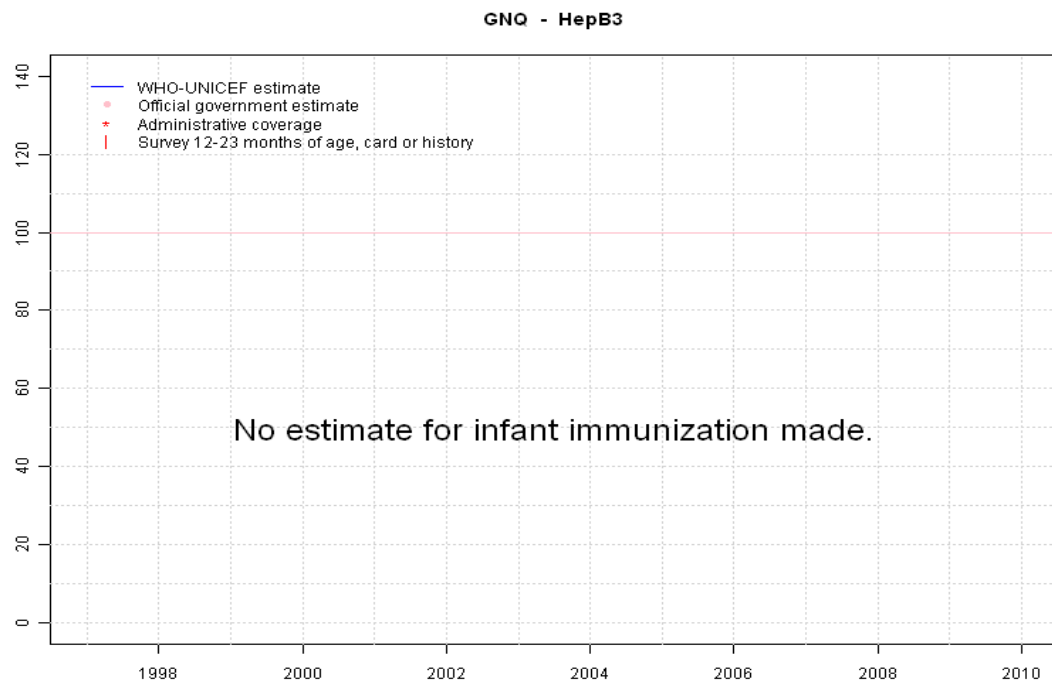
2007: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2008: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

2009: Estimate based on interpolation between 1999 and 2010. Unexplained temporal change in numerator and denominator levels.

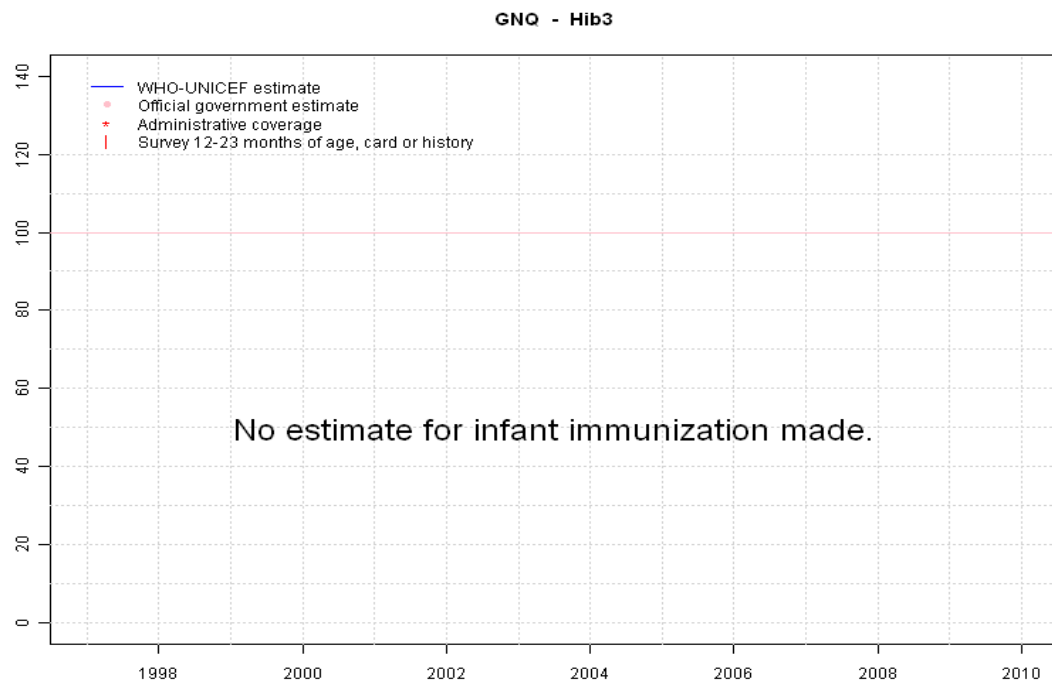
2010: Estimate based on survey results. Reported data not accepted due to a change from 77 level to 51 percent. WHO and UNICEF recommend a survey and or data review to confirm current reported levels of coverage.

Equatorial Guinea - HepB3



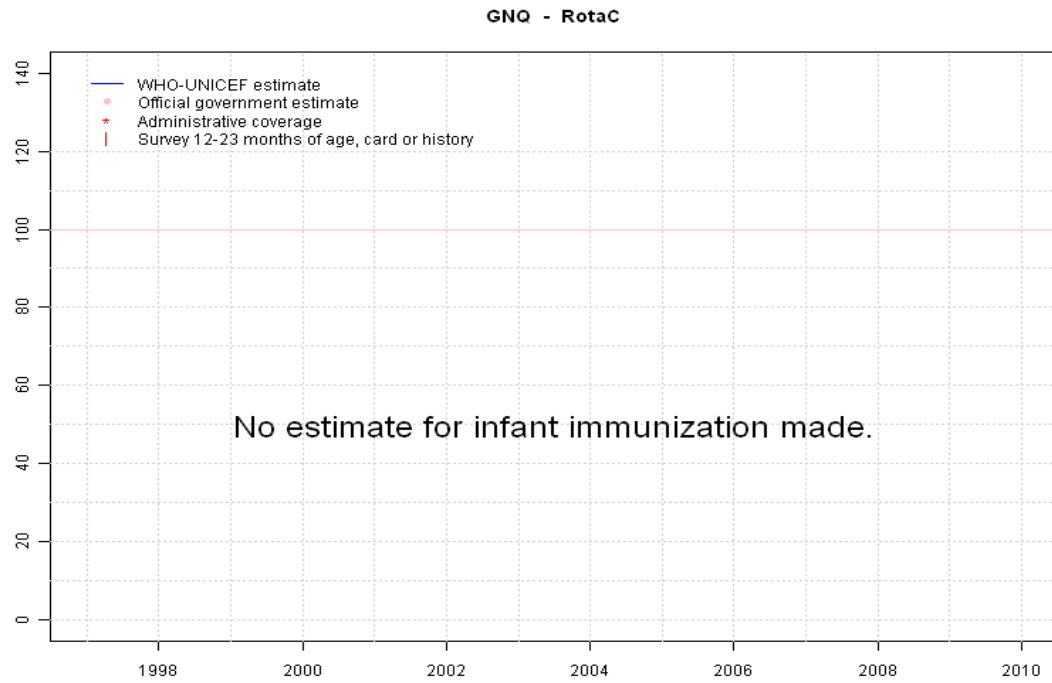
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Equatorial Guinea - Hib3



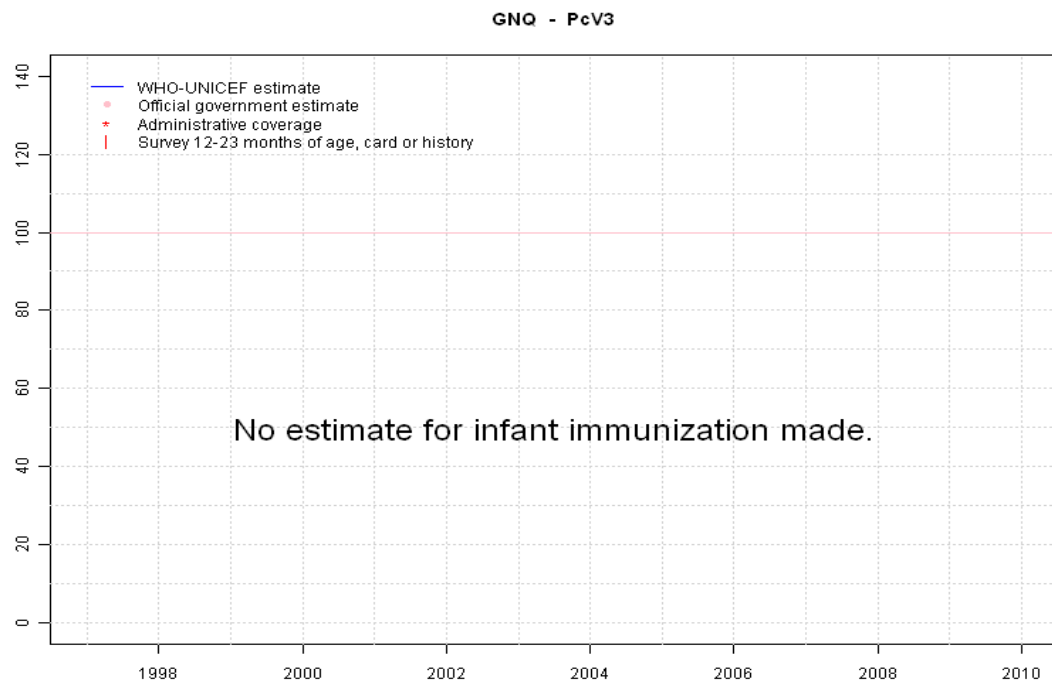
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Equatorial Guinea - 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

Equatorial Guinea - 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

Equatorial Guinea - survey details

1999 Equatorial Guinea MICS 2000

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	73	12-23 m	457	42
DTP1	Card or History	65	12-23 m	457	42

DTP3	Card or History	33	12-23 m	457	42
MCV	Card or History	51	12-23 m	457	42
Pol1	Card or History	76	12-23 m	457	42
Pol3	Card or History	39	12-23 m	457	42

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

Equatorial Guinea

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	78
1998	74
1999	68
2000	61
2001	49
2002	46
2003	62
2004	66
2005	59
2006	59
2007	62
2008	69
2009	75
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.