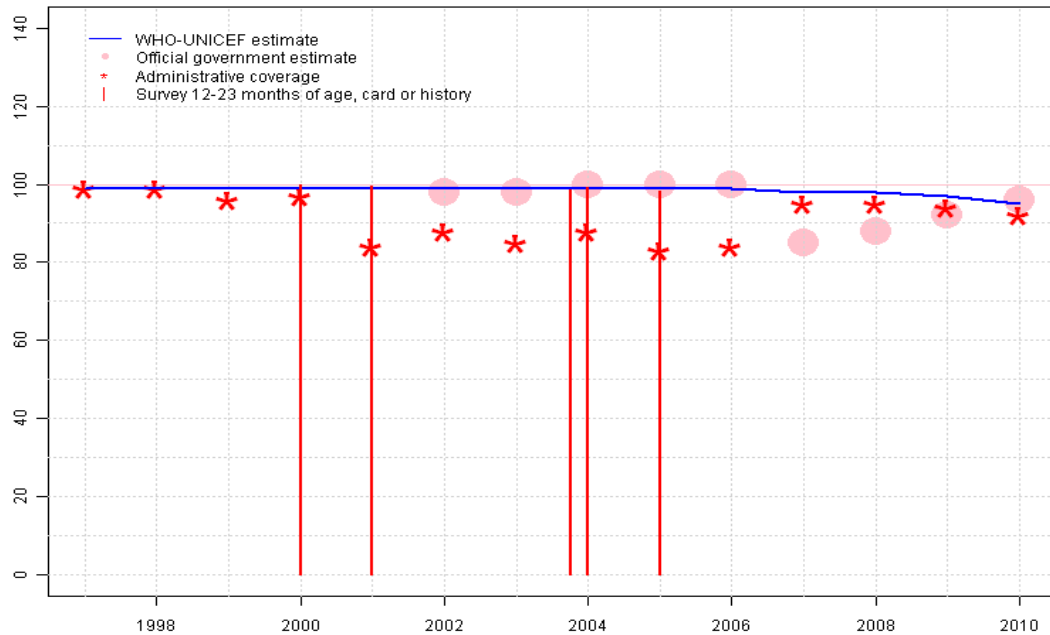


Gambia - BCG

GMB - BCG



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	99	99	99	99	99	99	99	99	99	98	98	97	95
Official	NA	NA	NA	NA	NA	98	98	100	100	100	85	88	92	96
Administrative	99	99	96	97	84	88	85	88	83	84	95	95	94	92
Survey	NA	NA	NA	100	99.6	NA	NA	*	98.3	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

1999: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2000: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey results not accepted. Sample size 0 less than 300.

2001: Estimates based on survey results. Reported data not accepted due to a decline from 97 percent to 84 percent with a subsequent increase to 98 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2002: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2003: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2004: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2005: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 99 percent changed from previous revision value of 98 percent.

2006: Estimate based on interpolation between 2005 and 2007. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 99 percent changed from previous revision value of 96 percent.

2007: Reported data 95 percent calibrated to 2005 levels. Reported data of 96 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 98 percent changed from previous revision value of 95 percent.

2008: Reported data 95 percent calibrated to 2005 levels. Reported data of 96 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 98 percent changed from previous revision value of 95 percent.

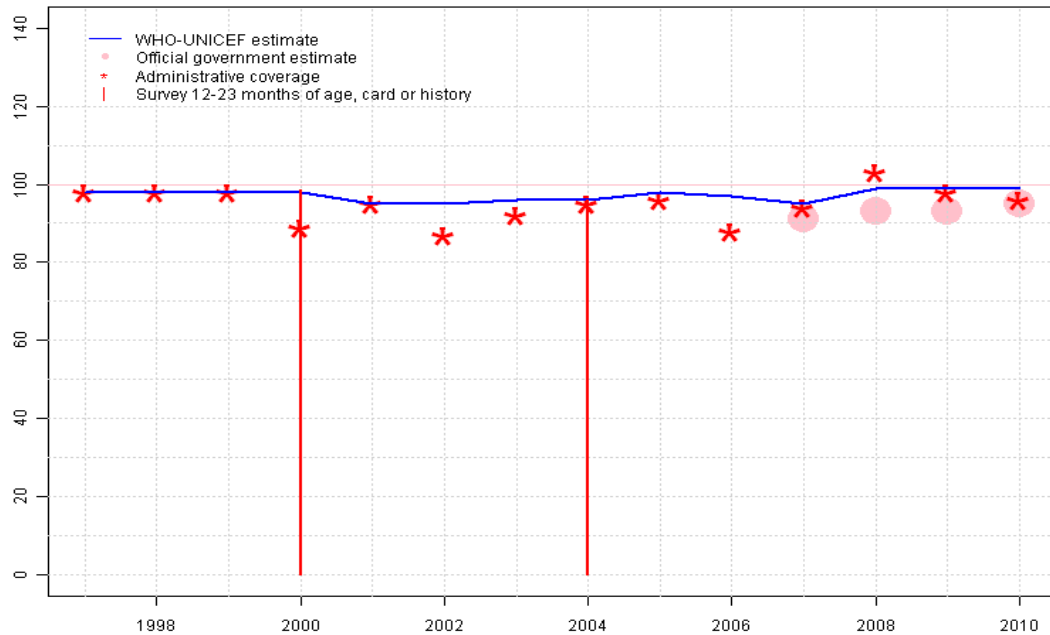
Gambia - BCG

2009: Reported data 94 percent calibrated to 2005 levels. Reported data of 96 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 97 percent changed from previous revision value of 94 percent.

2010: Reported data 92 percent calibrated to 2005 levels. Reported data of 96 percent estimated by interpolation between 1997 and 2007 WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

Gambia - DTP1

GMB - DTP1



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	98	98	98	98	95	95	96	96	98	97	95	99	99	99
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91	93	93	95
Administrative	98	98	98	89	95	87	92	95	96	88	94	103	98	96
Survey	NA	NA	NA	98.4	NA	NA	NA	96.1	NA	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

1999: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2000: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey results not accepted. Sample size 0 less than 300. Current estimate of 98 percent changed from previous revision value of 97 percent.

2001: No DTP1 data. Estimate based on DTP3 coverage of 87. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 97 percent.

2002: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 96 percent.

2003: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2004: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 96 percent changed from previous revision value of 95 percent.

2005: No DTP1 data. Estimate based on DTP3 coverage of 95. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 98 percent changed from previous revision value of 96 percent.

2006: Estimate based on interpolation between 2005 and 2007. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2007: Reported data 94 percent calibrated to 2004 levels. Reported data of 95 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 95 percent changed from previous revision value of 94 percent.

2008: No DTP1 data. Estimate based on DTP3 coverage of 97. Reported data of 103 percent greater than 100 percent. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immu-

Gambia - DTP1

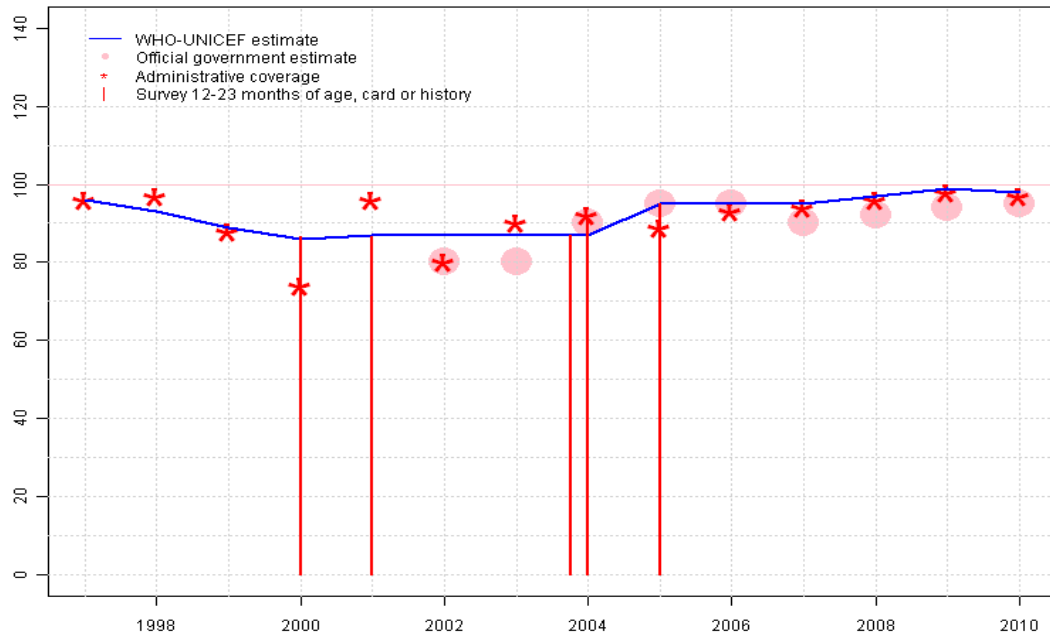
nization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 99 percent changed from previous revision value of 96 percent.

2009: Reported data 98 percent calibrated to 2004 levels. Reported data of 95 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 99 percent changed from previous revision value of 98 percent.

2010: DTP1 coverage estimated based on DTP3 coverage of 98. WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

Gambia - DTP3

GMB - DTP3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	96	93	89	86	87	87	87	87	95	95	95	97	99	98
Official	NA	NA	NA	NA	NA	80	80	90	95	95	90	92	94	95
Administrative	96	97	88	74	96	80	90	92	89	93	94	96	98	97
Survey	NA	NA	NA	86.5	86.7	NA	NA	*	95.1	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 93 percent changed from previous revision value of 97 percent.

1999: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 89 percent changed from previous revision value of 88 percent.

2000: Estimates based on survey results. Reported data not accepted due to a decline from 88 percent to 74 percent with a subsequent increase to 96 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey results not accepted. Sample size 0 less than 300. Current estimate of 86 percent changed from previous revision value of 89 percent.

2001: Estimates based on survey results. Reported data not accepted due to an increase from 74 percent to 96 percent with a subsequent decrease to 80 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 87 percent changed from previous revision value of 90 percent.

2002: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 87 percent changed from previous revision value of 90 percent.

2003: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 87 percent changed from previous revision value of 91 percent.

2004: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey results of 87 percent modified for recall bias to 89 percent based on 1st dose card or history coverage of 96 percent, 1st dose card only coverage of 88 percent and 3d dose card only coverage of 82 percent. Current estimate of 87 percent changed from previous revision value of 92 percent.

2005: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 89 percent.

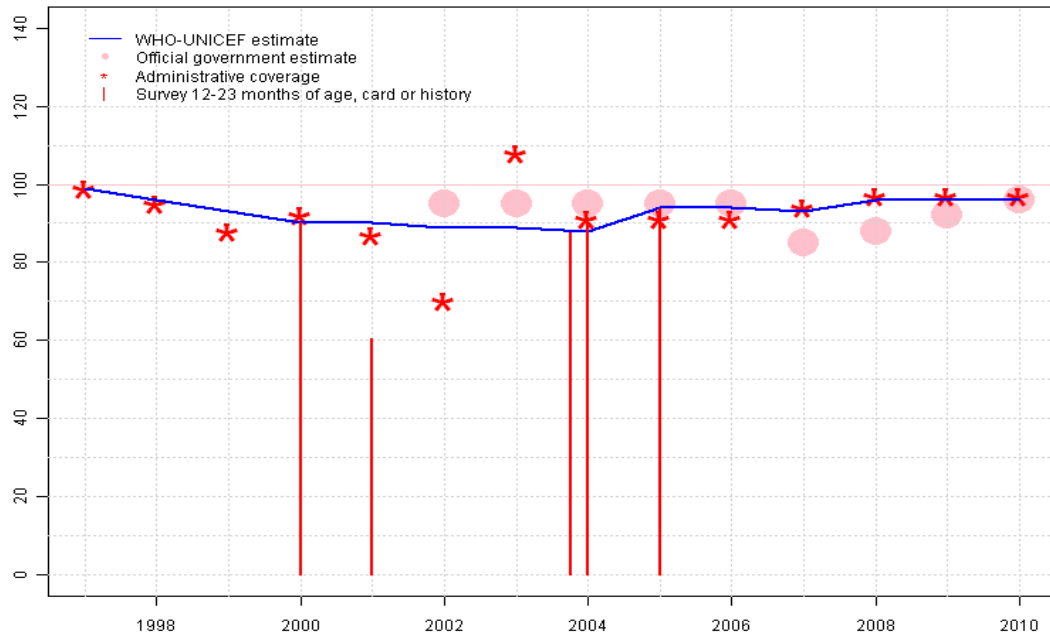
2006: Estimate based on interpolation between 2005 and 2007. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 93 percent.

Gambia - DTP3

- 2007: Reported data 94 percent calibrated to 2005 levels. Reported data of 94 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 95 percent changed from previous revision value of 94 percent.
- 2008: Reported data 96 percent calibrated to 2005 levels. Reported data of 94 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 97 percent changed from previous revision value of 96 percent.
- 2009: Reported data 98 percent calibrated to 2005 levels. Reported data of 94 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2010: Reported data 97 percent calibrated to 2005 levels. Reported data of 94 percent estimated by interpolation between 1997 and 2007 WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

Gambia - Pol3

GMB - Pol3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	96	93	90	90	89	89	88	94	94	93	96	96	96
Official	NA	NA	NA	NA	NA	95	95	95	95	95	85	88	92	96
Administrative	99	95	88	92	87	70	108	91	91	91	94	97	97	97
Survey	NA	NA	NA	90.3	60.3	NA	NA	*	93.8	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 96 percent changed from previous revision value of 95 percent.

1999: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 93 percent changed from previous revision value of 88 percent.

2000: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey results not accepted. Sample size 0 less than 300. Current estimate of 90 percent changed from previous revision value of 89 percent.

2001: Estimate based on interpolation between 2000 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey not accepted. Survey results inconsistent with other antigens. Current estimate of 90 percent changed from previous revision value of 89 percent.

2002: Estimate based on interpolation between 2000 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 89 percent changed from previous revision value of 90 percent.

2003: Estimate based on interpolation between 2000 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 89 percent changed from previous revision value of 90 percent.

2004: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey results of 88 percent modified for recall bias to 93 percent based on 1st dose card or history coverage of 96 percent, 1st dose card only coverage of 87 percent and 3d dose card only coverage of 84 percent. Current estimate of 88 percent changed from previous revision value of 91 percent.

2005: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 94 percent changed from previous revision value of 91 percent.

2006: Estimate based on interpolation between 2005 and 2007. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 94 percent changed from previous revision value of 91 percent.

2007: Reported data 94 percent calibrated to 2005 levels. Reported data of 95 percent estimated by interpolation between 1997 and 2007 Ministry of

Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 93 percent changed from previous revision value of 94 percent.

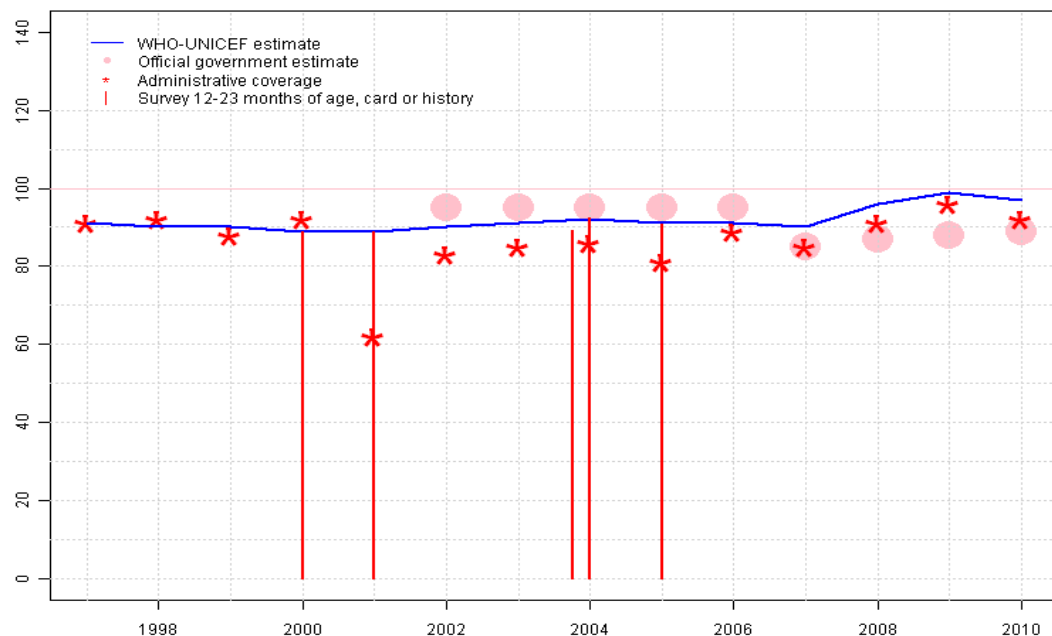
2008: Reported data 97 percent calibrated to 2005 levels. Reported data of 95 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 96 percent changed from previous revision value of 97 percent.

2009: Reported data 97 percent calibrated to 2005 levels. Reported data of 95 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 96 percent changed from previous revision value of 97 percent.

2010: Reported data 97 percent calibrated to 2005 levels. Reported data of 95 percent estimated by interpolation between 1997 and 2007 WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

Gambia - MCV

GMB - MCV



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	91	90	90	89	89	90	91	92	91	91	90	96	99	97
Official	NA	NA	NA	NA	NA	95	95	95	95	95	85	87	88	89
Administrative	91	92	88	92	62	83	85	86	81	89	85	91	96	92
Survey	NA	NA	NA	88.7	88.7	NA	NA	*	90.9	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 90 percent changed from previous revision value of 92 percent.

1999: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 90 percent changed from previous revision value of 88 percent.

2000: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey results not accepted. Sample size 0 less than 300. Current estimate of 89 percent changed from previous revision value of 92 percent.

2001: Estimates based on survey results. Reported data not accepted due to a decline from 92 percent to 62 percent with a subsequent increase to 95 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 89 percent changed from previous revision value of 88 percent.

2002: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 90 percent changed from previous revision value of 83 percent.

2003: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 91 percent changed from previous revision value of 85 percent.

2004: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 92 percent changed from previous revision value of 86 percent.

2005: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 91 percent changed from previous revision value of 81 percent.

2006: Estimate based on interpolation between 2005 and 2007. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 91 percent changed from previous revision value of 89 percent.

2007: Reported data 85 percent calibrated to 2005 levels. Reported data of 86 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 90 percent

changed from previous revision value of 85 percent.

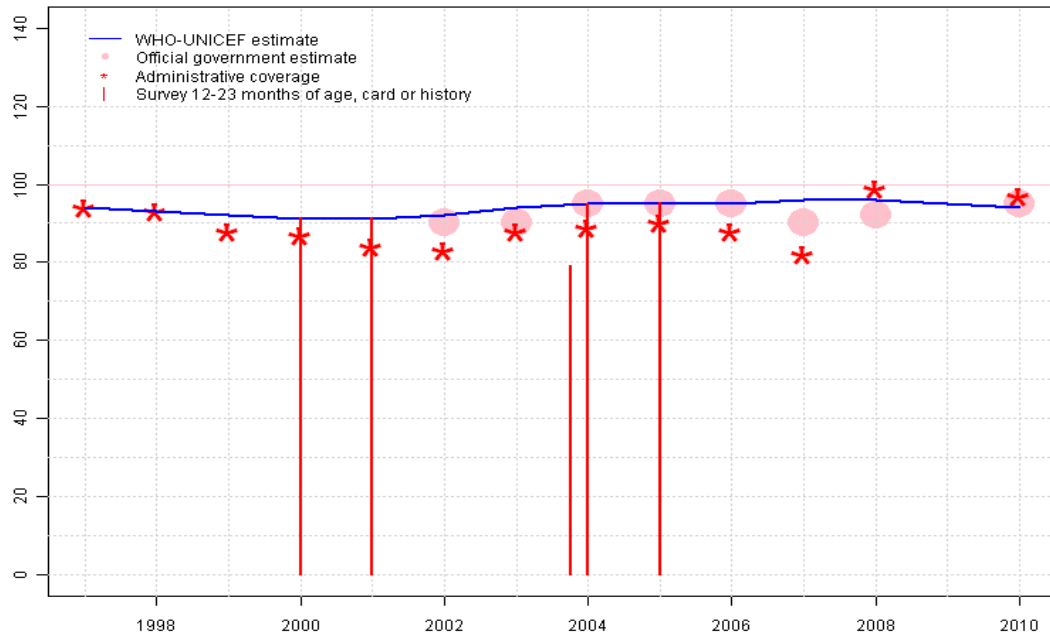
2008: Reported data 91 percent calibrated to 2005 levels. Reported data of 86 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 96 percent changed from previous revision value of 91 percent.

2009: Reported data 96 percent calibrated to 2005 levels. Reported data of 86 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 99 percent changed from previous revision value of 96 percent.

2010: Reported data 92 percent calibrated to 2005 levels. Reported data of 86 percent estimated by interpolation between 1997 and 2007 WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

Gambia - HepB3

GMB - HepB3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	94	93	92	91	91	92	94	95	95	95	96	96	95	94
Official	NA	NA	NA	NA	NA	90	90	95	95	95	90	92	NA	95
Administrative	94	93	88	87	84	83	88	89	90	88	82	99	NA	97
Survey	NA	NA	NA	91.5	91.5	NA	NA	*	95.4	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

1999: Estimate based on interpolation between 1997 and 2000. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 92 percent changed from previous revision value of 88 percent.

2000: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey results not accepted. Sample size 0 less than 300. Current estimate of 91 percent changed from previous revision value of 88 percent.

2001: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 91 percent changed from previous revision value of 88 percent.

2002: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 92 percent changed from previous revision value of 89 percent.

2003: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 94 percent changed from previous revision value of 89 percent.

2004: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Survey not accepted. Survey not accepted. Current estimate of 95 percent changed from previous revision value of 89 percent.

2005: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 90 percent.

2006: Estimate based on interpolation between 2005 and 2008. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 88 percent.

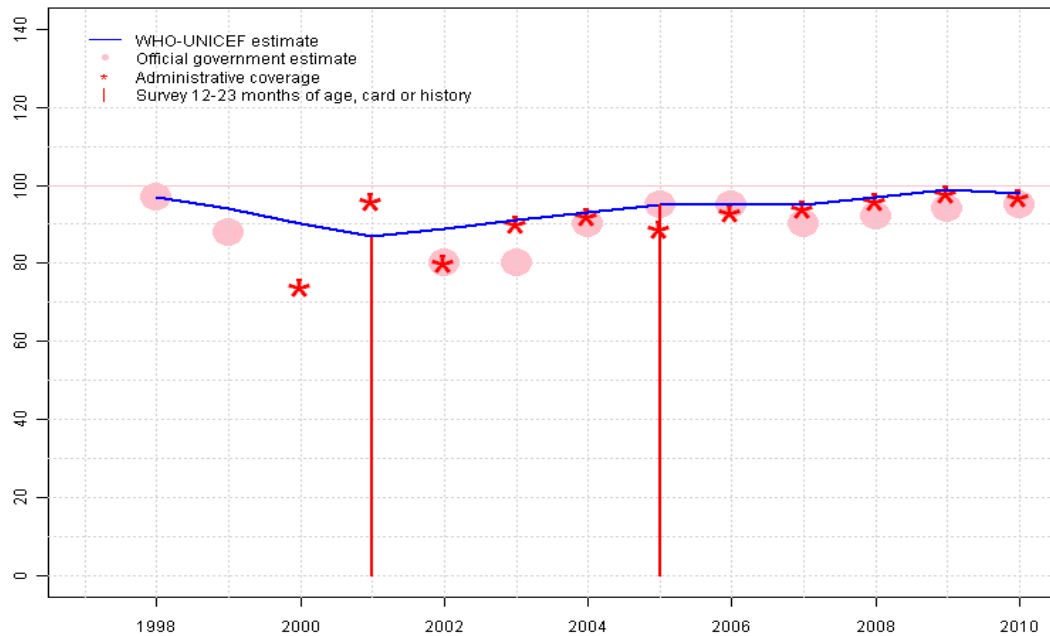
2007: Estimate based on interpolation between 2005 and 2008. Reported data not accepted due to a decline from 95 percent to 82 percent with a subsequent increase to 99 percent. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 96 percent changed from previous revision value of 82 percent.

Gambia - HepB3

- 2008: Reported data 99 percent calibrated to 2005 levels. Reported data of 98 percent estimated by interpolation between 1997 and 2008 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 96 percent changed from previous revision value of 99 percent.
- 2009: Estimate based on interpolation between 2008 and 2010. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 95 percent changed from previous revision value of 98 percent.
- 2010: Reported data 97 percent calibrated to 2005 levels. Reported data of 98 percent estimated by interpolation between 1997 and 2008 WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

Gambia - Hib3

GMB - Hib3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	97	94	90	87	89	91	93	95	95	95	97	99	98
Official	NA	97	88	NA	NA	80	80	90	95	95	90	92	94	95
Administrative	NA	NA	NA	74	96	80	90	92	89	93	94	96	98	97
Survey	NA	NA	NA	NA	86.7	NA	NA	NA	95.1	NA	NA	NA	NA	NA

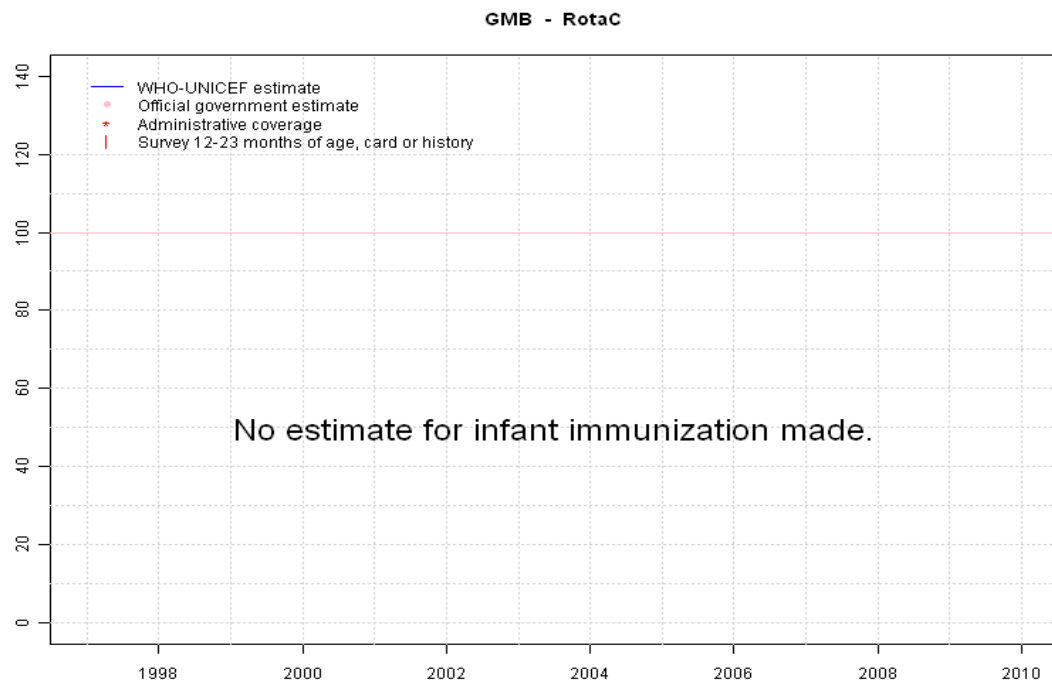
Description:

- 1998: Estimates based on reported data. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Hib introduced in 1997. Reporting started in 1998.
- 1999: Estimate based on interpolation between 1998 and 2001. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 94 percent changed from previous revision value of 88 percent.
- 2000: Estimate based on interpolation between 1998 and 2001. Reported data not accepted due to a decline from 88 percent to 74 percent with a subsequent increase to 96 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 90 percent changed from previous revision value of 89 percent.
- 2001: Estimates based on survey results. Reported data not accepted due to an increase from 74 percent to 96 percent with a subsequent decrease to 80 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 87 percent changed from previous revision value of 90 percent.
- 2002: Estimate based on interpolation between 2001 and 2005. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 89 percent changed from previous revision value of 90 percent.
- 2003: Estimate based on interpolation between 2001 and 2005. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.
- 2004: Estimate based on interpolation between 2001 and 2005. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 93 percent changed from previous revision value of 92 percent.
- 2005: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 89 percent.
- 2006: Estimate based on interpolation between 2005 and 2007. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 93 percent.
- 2007: Reported data 94 percent calibrated to 2005 levels. Reported data of 94 percent estimated by extrapolating from 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 95 percent changed from previous revision value of 94 percent.

Gambia - Hib3

- 2008: Reported data 96 percent calibrated to 2005 levels. Reported data of 94 percent estimated by extrapolating from 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 97 percent changed from previous revision value of 96 percent.
- 2009: Reported data 98 percent calibrated to 2005 levels. Reported data of 94 percent estimated by extrapolating from 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 99 percent changed from previous revision value of 98 percent.
- 2010: Reported data 97 percent calibrated to 2005 levels. Reported data of 94 percent estimated by extrapolating from 2007 WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

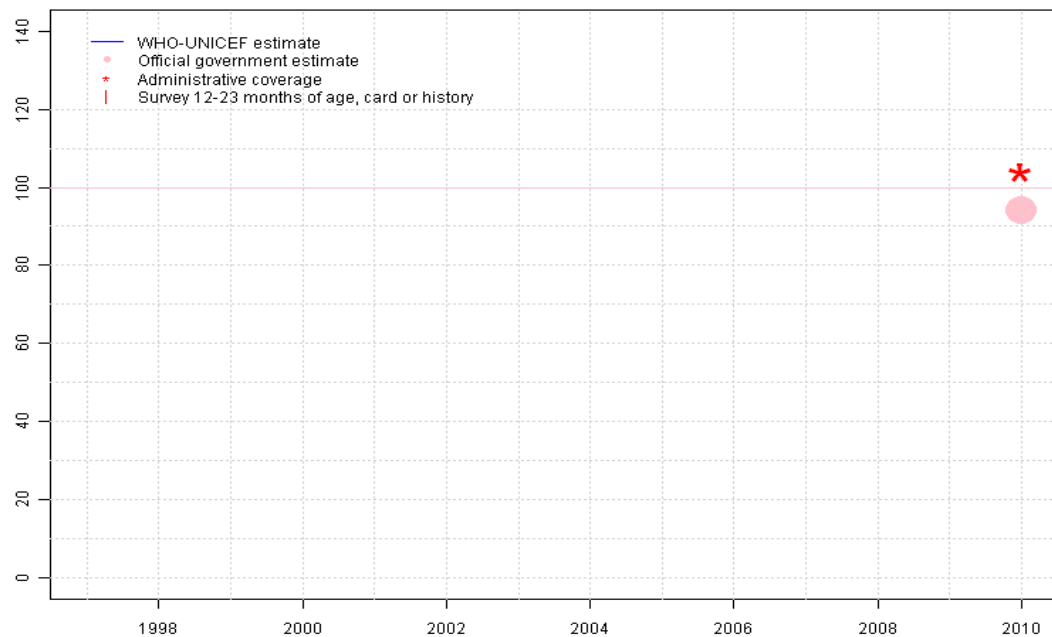
Gambia - RotaC



	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

Gambia - PcV3

GMB - PcV3



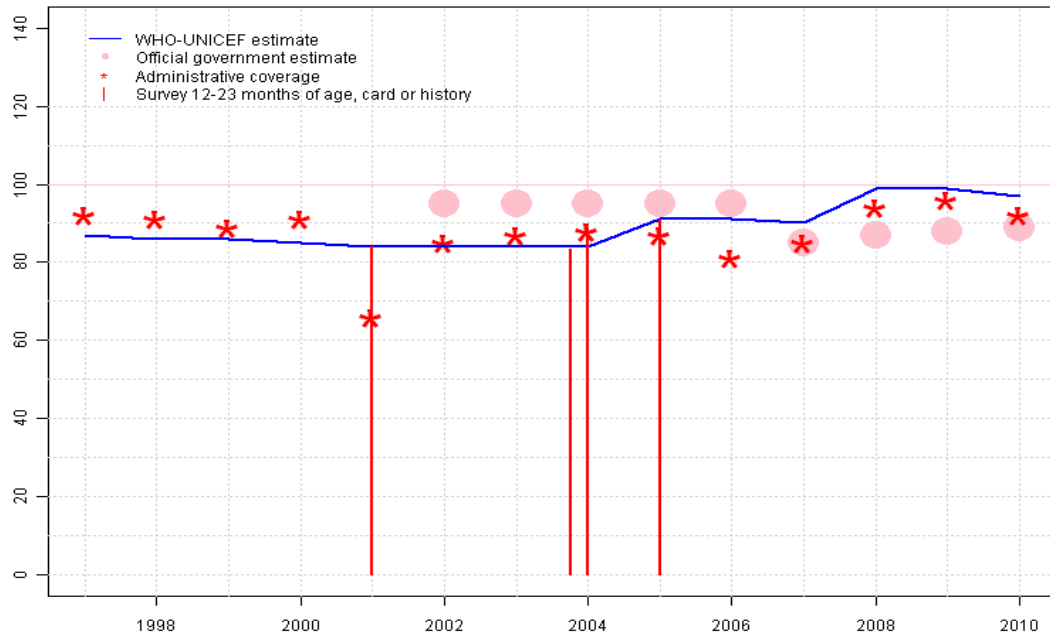
Description:

2010: PCV introduced in 2009. Reporting began in 2010. Reported data of 104 percent greater than 100 percent. WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

	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	99
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	94
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	104
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Gambia - YFV

GMB - YFV



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	87	86	86	85	84	84	84	84	91	91	90	99	99	97
Official	NA	NA	NA	NA	NA	95	95	95	95	95	85	87	88	89
Administrative	92	91	89	91	66	85	87	88	87	81	85	94	96	92
Survey	NA	NA	NA	NA	84	NA	NA	*	90.7	NA	NA	NA	NA	NA

Description:

- 1997: Reported data 92 percent calibrated to 2001 levels. Reported data of 89 percent estimated by interpolation between 1997 and 2007 Current estimate of 87 percent changed from previous revision value of 92 percent.
- 1998: Estimate based on interpolation between 1997 and 2001. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 86 percent changed from previous revision value of 91 percent.
- 1999: Estimate based on interpolation between 1997 and 2001. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 86 percent changed from previous revision value of 89 percent.
- 2000: Estimate based on interpolation between 1997 and 2001. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 85 percent changed from previous revision value of 91 percent.
- 2001: Estimates based on survey results. Reported data not accepted due to a decline from 91 percent to 66 percent with a subsequent increase to 95 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 84 percent changed from previous revision value of 88 percent.
- 2002: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 84 percent changed from previous revision value of 85 percent.
- 2003: Estimate based on interpolation between 2001 and 2004. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 84 percent changed from previous revision value of 87 percent.
- 2004: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 84 percent changed from previous revision value of 88 percent.
- 2005: Estimates based on survey results. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 91 percent changed from previous revision value of 87 percent.
- 2006: Estimate based on interpolation between 2005 and 2007. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 91 percent changed from previous revision value of 81 percent.
- 2007: Reported data 85 percent calibrated to 2005 levels. Reported data of 86 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-

year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 90 percent changed from previous revision value of 85 percent.

2008: Reported data 94 percent calibrated to 2005 levels. Reported data of 86 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 99 percent changed from previous revision value of 94 percent.

2009: Reported data 96 percent calibrated to 2005 levels. Reported data of 86 percent estimated by interpolation between 1997 and 2007 Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage. Current estimate of 99 percent changed from previous revision value of 96 percent.

2010: Reported data 92 percent calibrated to 2005 levels. Reported data of 86 percent estimated by interpolation between 1997 and 2007 WHO and UNICEF recommend a survey or data review to confirm current reported levels of coverage. Ministry of Health reports targets set in their 2007-2011 national comprehensive multi-year plan for immunization as their estimate of coverage levels achieved. Estimates based on administrative coverage.

Gambia - survey details

2005 The Gambia Immunisation Survey for 2004

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	98.3	12-23 m	1470	0
DTP3	Card or History	95.1	12-23 m	1470	0
HepB3	Card or History	95.4	12-23 m	1470	0
Hib3	Card or History	95.1	12-23 m	1470	0
MCV	Card or History	90.9	12-23 m	1470	0
Pol3	Card or History	93.8	12-23 m	1470	0
YFV	Card or History	90.7	12-23 m	1470	0

2004 The Gambia Immunisation Survey for 2003

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	99.2	12-23 m	1470	99
DTP3	Card or History	92.2	12-23 m	1470	99
HepB3	Card or History	94.9	12-23 m	1470	99
MCV	Card or History	89.3	12-23 m	1470	99
Pol3	Card or History	91.6	12-23 m	1470	99
YFV	Card or History	88.7	12-23 m	1470	99

2004 The Gambia Multiple Indicator Cluster Survey 2005/2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	89.7	12-23 m	1486	90
BCG	Card or History	98.7	12-23 m	1486	90
BCG	History	9	12-23 m	1486	90
BCG	C or H <12 months	97.6	12-23 m	1486	90
DTP1	C or H <12 months	93.1	12-23 m	1486	90
DTP1	Card	87.7	12-23 m	1486	90
DTP1	Card or History	96.1	12-23 m	1486	90
DTP1	History	8.3	12-23 m	1486	90
DTP3	History	5.2	12-23 m	1486	90
DTP3	Card	81.6	12-23 m	1486	90
DTP3	Card or History	86.8	12-23 m	1486	90
DTP3	C or H <12 months	82.4	12-23 m	1486	90

HepB1	History	0.1	12-23 m	1486	90
HepB1	Card or History	85.6	12-23 m	1486	90
HepB1	Card	85.5	12-23 m	1486	90
HepB1	C or H <12 months	83.8	12-23 m	1486	90
HepB3	Card	79	12-23 m	1486	90
HepB3	C or H <12 months	75.4	12-23 m	1486	90
HepB3	History	0	12-23 m	1486	90
HepB3	Card or History	79	12-23 m	1486	90
MCV	Card or History	92.4	12-23 m	1486	90
MCV	History	8.6	12-23 m	1486	90
MCV	Card	83.8	12-23 m	1486	90
MCV	C or H <12 months	84.9	12-23 m	1486	90
Pol1	C or H <12 months	92.8	12-23 m	1486	90
Pol1	Card	86.6	12-23 m	1486	90
Pol1	Card or History	95.5	12-23 m	1486	90
Pol1	History	8.9	12-23 m	1486	90
Pol3	C or H <12 months	83.3	12-23 m	1486	90
Pol3	Card	84.1	12-23 m	1486	90
Pol3	Card or History	87.6	12-23 m	1486	90
Pol3	History	3.6	12-23 m	1486	90
YFV	C or H <12 months	76.9	12-23 m	1486	90
YFV	History	0	12-23 m	1486	90
YFV	Card	83.5	12-23 m	1486	90
YFV	Card or History	83.5	12-23 m	1486	90

2001 Gambia Immunization Coverage Survey for 2000

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	99.6	12-23 m	1470	0
DTP3	Card or History	86.7	12-23 m	1470	0
HepB3	Card or History	91.5	12-23 m	1470	0
Hib3	Card or History	86.7	12-23 m	1470	0
MCV	Card or History	88.7	12-23 m	1470	0
Pol3	Card or History	60.3	12-23 m	1470	0
YFV	Card or History	84	12-23 m	1470	0

2000 EPI Cluster Survey 2001

Gambia - survey details

port, 2000

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	100	12-23 m	0	100
DTP1	Card or History	98.4	12-23 m	0	100
DTP3	Card or History	86.5	12-23 m	0	100
HepB3	Card or History	91.5	12-23 m	0	100
MCV	Card or History	88.7	12-23 m	0	100
Pol3	Card or History	90.3	12-23 m	0	100

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	99	12-23 m	0	91
DTP1	C or H <12 months	97	12-23 m	0	91
DTP3	C or H <12 months	90	12-23 m	0	91
MCV	C or H <12 months	88	12-23 m	0	91
Pol1	C or H <12 months	97	12-23 m	0	91
Pol3	C or H <12 months	88	12-23 m	0	91

1999 The Gambia Multiple Indicator Cluster Survey, Draft Re-

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

Gambia

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	91
1998	94
1999	91
2000	92
2001	90
2002	94
2003	94
2004	94
2005	89
2006	94
2007	90
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.