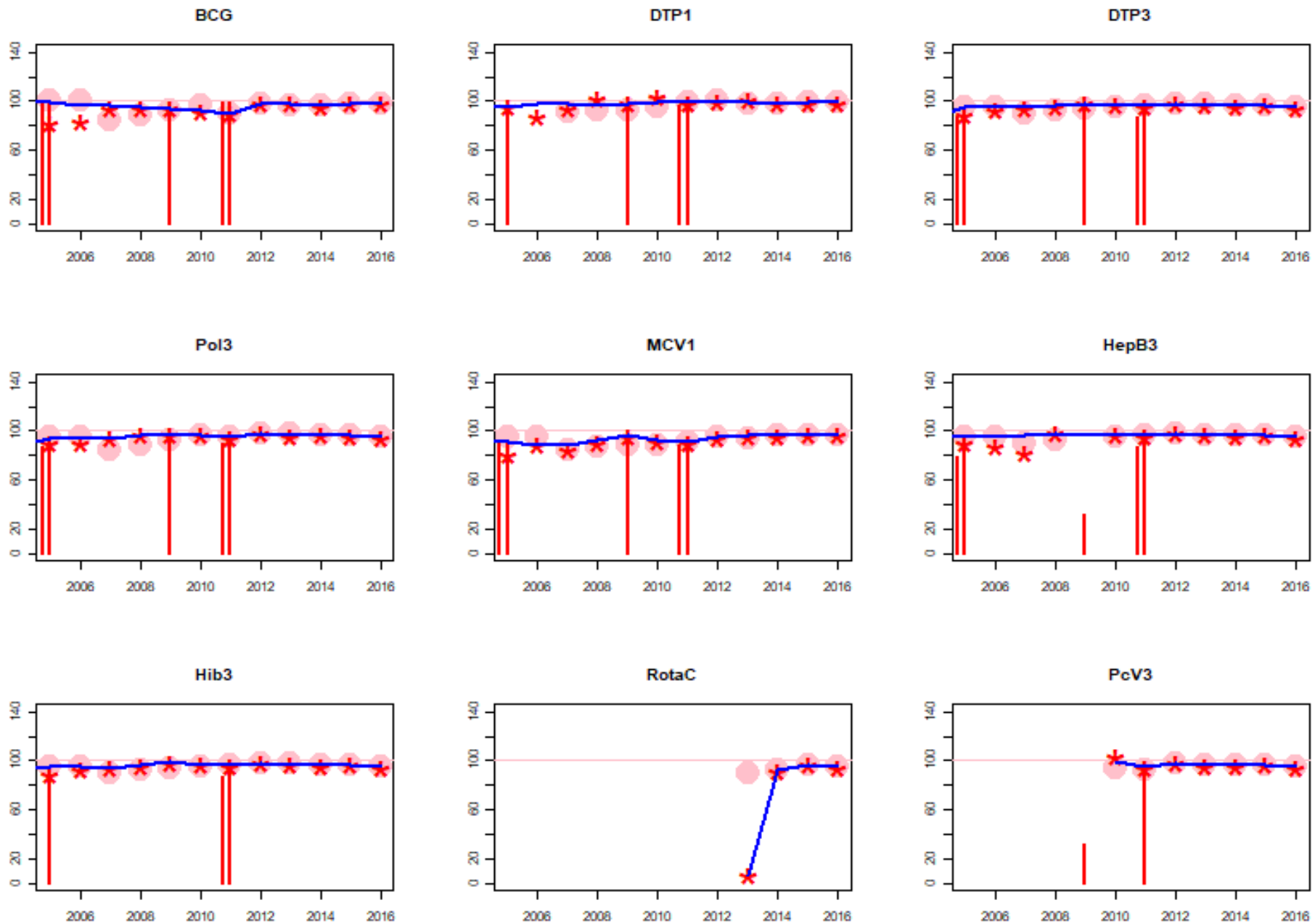


Gambia: WHO and UNICEF estimates of immunization coverage: 2016 revision



BACKGROUND NOTE: Each year WHO and UNICEF jointly review reports submitted by Member States regarding national immunization coverage, finalized survey reports as well as data from the published and grey literature. Based on these data, with due consideration to potential biases and the views of local experts, WHO and UNICEF attempt to distinguish between situations where the available empirical data accurately reflect immunization system performance and those where the data are likely to be compromised and present a misleading view of immunization coverage while jointly estimating the most likely coverage levels for each country.

WHO and UNICEF estimates are country-specific; that is to say, each country's data are reviewed individually, and data are not borrowed from other countries in the absence of data. Estimates are not based on ad hoc adjustments to reported data; in some instances empirical data are available from a single source, usually the nationally reported coverage data. In cases where no data are available for a given country/vaccine/year combination, data are considered from earlier and later years and interpolated to estimate coverage for the missing year(s). In cases where data sources are mixed and show large variation, an attempt is made to identify the most likely estimate with consideration of the possible biases in available data. For methods see:

*Burton et al. 2009. WHO and UNICEF estimates of national infant immunization coverage: methods and processes.

*Burton et al. 2012. A formal representation of the WHO and UNICEF estimates of national immunization coverage: a computational logic approach.

*Brown et al. 2013. An introduction to the grade of confidence used to characterize uncertainty around the WHO and UNICEF estimates of national immunization coverage.

DATA SOURCES.

ADMINISTRATIVE coverage: Reported by national authorities and based on aggregated administrative reports from health service providers on the number of vaccinations administered during a given period (numerator data) and reported target population data (denominator data). May be biased by inaccurate numerator and/or denominator data.

OFFICIAL coverage: Estimated coverage reported by national authorities that reflects their assessment of the most likely coverage based on any combination of administrative coverage, survey-based estimates or other data sources or adjustments. Approaches to determine OFFICIAL coverage may differ across countries.

SURVEY coverage: Based on estimated coverage from population-based household surveys among children aged 12-23 months or 24-35 months following a review of survey methods and results. Information is based on the combination of vaccination history from documented evidence or caregiver recall. Survey results are considered for the appropriate birth cohort based on the period of data collection.

ABBREVIATIONS

BCG: percentage of births who received one dose of Bacillus Calmette Guerin vaccine.

DTP1 / DTP3: percentage of surviving infants who received the 1st / 3rd dose, respectively, of diphtheria and tetanus toxoid with pertussis containing vaccine.

Pol3: percentage of surviving infants who received the 3rd dose of polio containing vaccine. May be either oral or inactivated polio vaccine.

IPV1: percentage of surviving infants who received at least one dose of inactivated polio vaccine. In countries utilizing an immunization schedule recommending either (i) a primary series of three doses of oral polio vaccine (OPV) plus at least one dose of IPV where OPV is included in routine

immunization and/or campaign or (ii) a sequential schedule of IPV followed by OPV, WHO and UNICEF estimates for IPV1 reflect coverage with at least one routine dose of IPV among infants <1 year of age among countries. For countries utilizing IPV containing vaccine use only, i.e., no recommended dose of OPV, the WHO and UNICEF estimate for IPV1 corresponds to coverage for the 1st dose of IPV.

Production of IPV coverage estimates, which begins in 2015, results in no change of the estimated coverage levels for the 3rd dose of polio (Pol3). For countries recommending routine immunization with a primary series of three doses of IPV alone, WHO and UNICEF estimated Pol3 coverage is equivalent to estimated coverage with three doses of IPV. For countries with a sequential schedule, estimated Pol3 coverage is based on that for the 3rd dose of polio vaccine regardless of vaccine type.

MCV1: percentage of surviving infants who received the 1st dose of measles containing vaccine. In countries where the national schedule recommends the 1st dose of MCV at 12 months or later based on the epidemiology of disease in the country, coverage estimates reflect the percentage of children who received the 1st dose of MCV as recommended.

MCV2: percentage of children who received the 2nd dose of measles containing vaccine according to the nationally recommended schedule.

RCV1: percentage of surviving infants who received the 1st dose of rubella containing vaccine. Coverage estimates are based on WHO and UNICEF estimates of coverage for the dose of measles containing vaccine that corresponds to the first measles-rubella combination vaccine. Nationally reported coverage of RCV is not taken into consideration nor are the data represented in the accompanying graph and data table.

HepBB: percentage of births which received a dose of hepatitis B vaccine within 24 hours of delivery. Estimates of hepatitis B birth dose coverage are produced only for countries with a universal birth dose policy. Estimates are not produced for countries that recommend a birth dose to infants born to HepB virus-infected mothers only or where there is insufficient information to determine whether vaccination is within 24 hours of birth.

HepB3: percentage of surviving infants who received the 3rd dose of hepatitis B containing vaccine following the birth dose.

Hib3: percentage of surviving infants who received the 3rd dose of Haemophilus influenzae type b containing vaccine.

RotaC: percentage of surviving infants who received the final recommended dose of rotavirus vaccine, which can be either the 2nd or the 3rd dose depending on the vaccine.

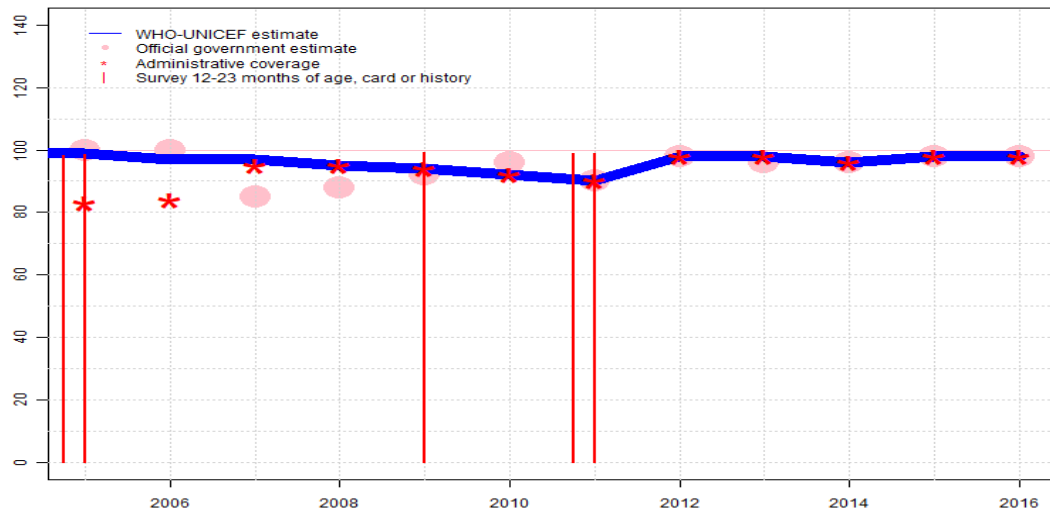
PcV3: percentage of surviving infants who received the 3rd dose of pneumococcal conjugate vaccine. In countries where the national schedule recommends two doses during infancy and a booster dose at 12 months or later based on the epidemiology of disease in the country, coverage estimates may reflect the percentage of surviving infants who received two doses of PcV prior to the 1st birthday.

YFV: percentage of surviving infants who received one dose of yellow fever vaccine in countries where YFV is part of the national immunization schedule for children or is recommended in at risk areas; coverage estimates are annualized for the entire cohort of surviving infants.

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Gambia - BCG

GMB - BCG



Description:

- 2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. GoC=R+ D+
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- 2013: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
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- 2008: Reported data calibrated to 2005 and 2009 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2007: Reported data calibrated to 2005 and 2009 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2009 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2005: Estimate of 99 percent assigned by working group. Estimates based on survey results. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	99	97	97	95	94	92	90	98	98	96	98	98
Estimate GoC	•	•	•	•	•••	•••	•••	•••	•••	••	••	••
Official	100	100	85	88	92	96	90	98	96	96	98	98
Administrative	83	84	95	95	94	92	90	98	98	96	98	98
Survey	*	NA	NA	NA	99.2	NA	*	NA	NA	NA	NA	NA

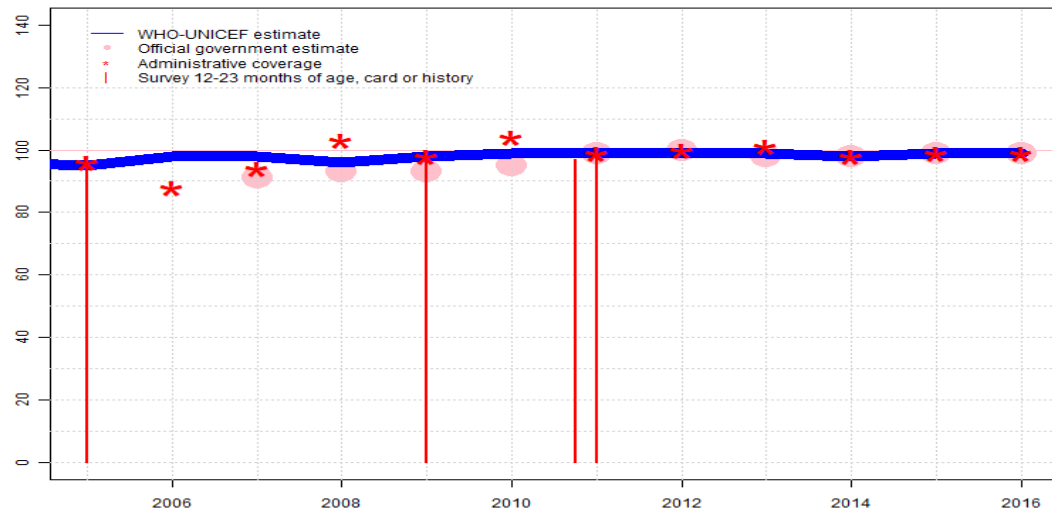
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- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Gambia - DTP1

GMB - DTP1



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	95	98	98	96	98	99	99	99	99	98	99	99
Estimate GoC	●●●	●	●	●●●	●●●	●●●	●●●	●●●	●●●	●●	●●	●●
Official	NA	NA	91	93	93	95	99	100	98	98	99	99
Administrative	96	88	94	103	98	104	99	100	101	98	99	99
Survey	96.1	NA	NA	NA	97.9	NA	*	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

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- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

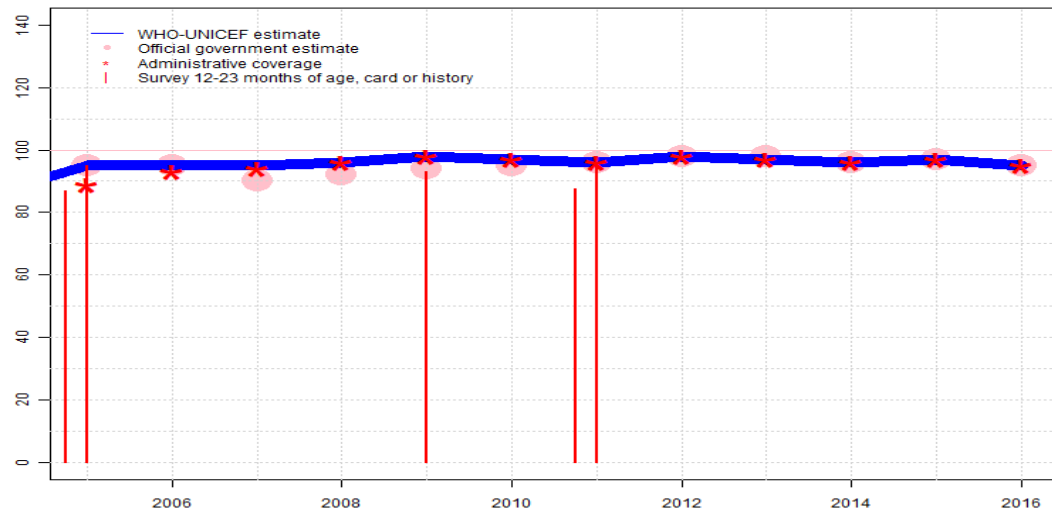
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- 2014: Estimate based on coverage reported by national government. Target population estimates based on projections from average children vaccinated from 2004 to 2006 polio NIDs. GoC=R+ D+
- 2013: Estimate based on interpolation between data reported by national government. Reported data excluded because 101 percent greater than 100 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
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- 2011: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 98 percent based on 2 survey(s). Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2010: Estimate based on interpolation between coverage reported by national government. Reported data excluded because 104 percent greater than 100 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2009: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 98 percent based on 1 survey(s). Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2008: Estimate based on interpolation between coverage reported by national government. Reported data excluded because 103 percent greater than 100 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2007: DTP1 coverage estimated based on DTP3 coverage of 95. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2006: DTP1 coverage estimated based on DTP3 coverage of 95. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2005: Estimate based on interpolation between data reported by national government supported by survey. Survey evidence of 96 percent based on 1 survey(s). Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=R+ S+ D+

Gambia - DTP3

GMB - DTP3



Description:

- 2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. Target population estimates based on projections from average children vaccinated from 2004 to 2006 polio NIDs. GoC=R+ D+
- 2013: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2012: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2011: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 93 percent based on 2 survey(s). The Gambia Demographic and Health Survey 2013 card or history results of 88 percent modified for recall bias to 90 percent based on 1st dose card or history coverage of 98 percent, 1st dose card only coverage of 90 percent and 3d dose card only coverage of 82 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2010: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2009: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 95 percent based on 1 survey(s). The Gambia Multiple Indicator Cluster Survey 2010 card or history results of 93 percent modified for recall bias to 95 percent based on 1st dose card or history coverage of 98 percent, 1st dose card only coverage of 93 percent and 3d dose card only coverage of 90 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2008: Reported data calibrated to 2005 and 2009 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2007: Reported data calibrated to 2005 and 2009 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2009 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2005: Estimate of 95 percent assigned by working group. Estimates based on survey results. The Gambia Multiple Indicator Cluster Survey 2005/2006 card or history results of 87 percent modified for recall bias to 89 percent based on 1st dose card or history coverage

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	95	95	95	96	98	97	96	98	97	96	97	95
Estimate GoC	•	•	•	•	•••	•••	•••	•••	•••	••	••	••
Official	95	95	90	92	94	95	96	98	98	96	97	95
Administrative	89	93	94	96	98	97	96	98	97	96	97	95
Survey	*	NA	NA	NA	93.2	NA	*	NA	NA	NA	NA	NA

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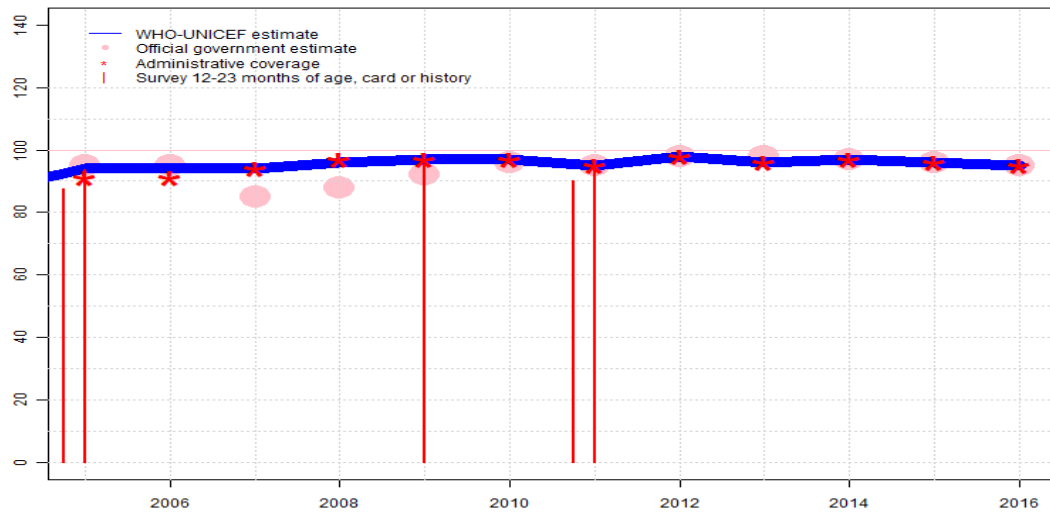
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Gambia - DTP3

of 96 percent, 1st dose card only coverage of 88 percent and 3d dose card only coverage of 82 percent. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Gambia - Pol3

GMB - Pol3



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	94	94	94	96	97	97	95	98	96	97	96	95
Estimate GoC	•	•	•	•	•••	•••	•••	•••	•••	••	••	••
Official	95	95	85	88	92	96	95	98	98	97	96	95
Administrative	91	91	94	97	97	97	95	98	96	97	96	95
Survey	*	NA	NA	NA	95.2	NA	*	NA	NA	NA	NA	NA

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Description:

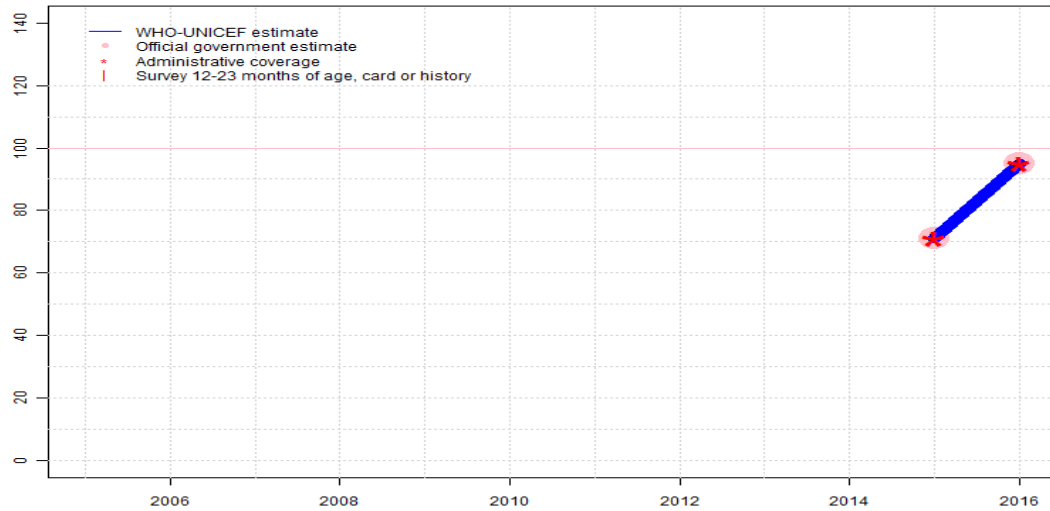
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Gambia - Pol3

of 96 percent, 1st dose card only coverage of 87 percent and 3d dose card only coverage of 84 percent. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Gambia - IPV1

GMB - IPV1



Description:

- 2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. Estimated is based on reported data following introduction. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. IPV introduced during 2015. GoC=R+ D+

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	71	95
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	••	••
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	71	95
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	71	95
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

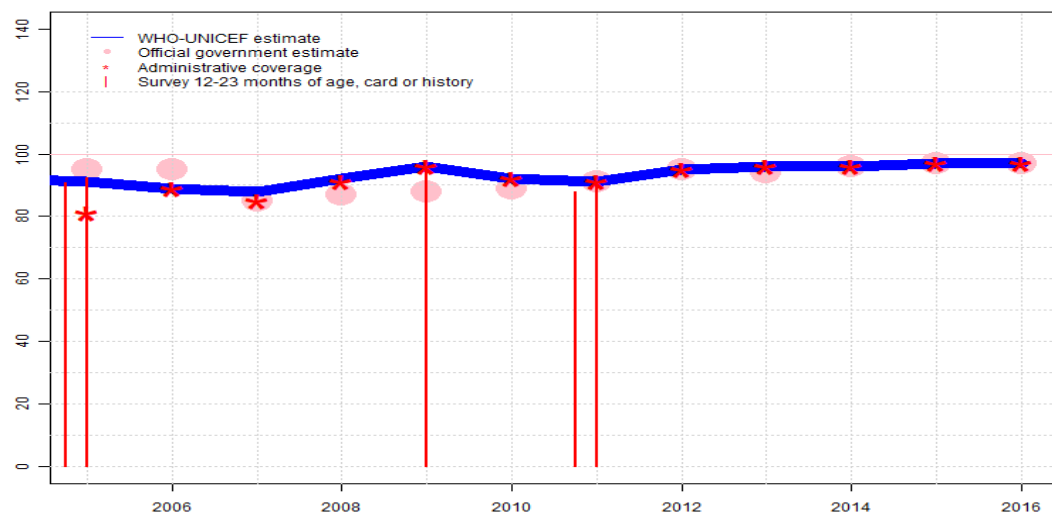
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Gambia - MCV1

GMB - MCV1



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	91	89	88	92	96	92	91	95	96	96	97	97
Estimate GoC	•	•	•	•	•••	•••	•••	•••	•••	••	••	••
Official	95	95	85	87	88	89	91	95	94	96	97	97
Administrative	81	89	85	91	96	92	91	95	96	96	97	97
Survey	*	NA	NA	NA	94.9	NA	*	NA	NA	NA	NA	NA

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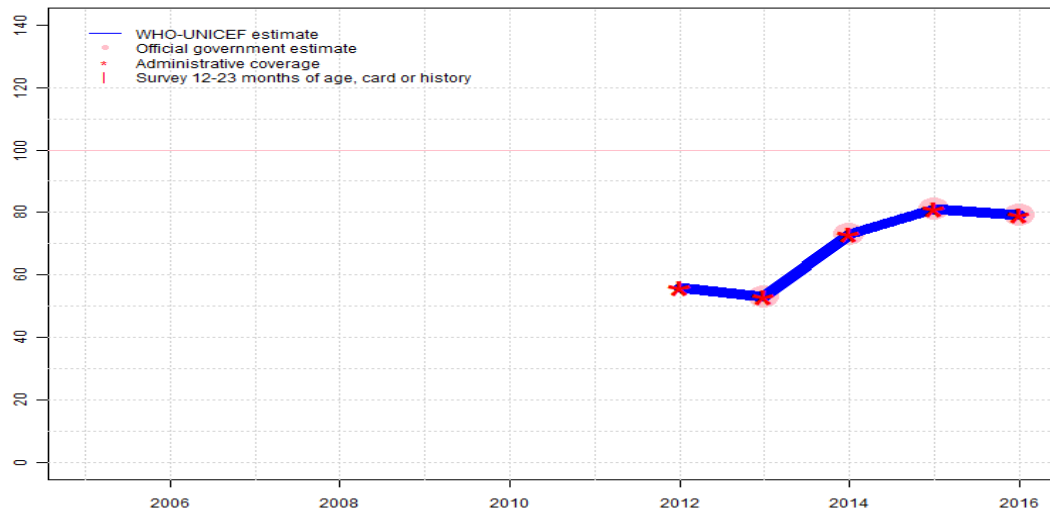
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- 2013: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2012: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2011: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 89 percent based on 2 survey(s). Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2010: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2009: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 95 percent based on 1 survey(s). Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2008: Reported data calibrated to 2005 and 2009 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2007: Reported data calibrated to 2005 and 2009 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2009 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2005: Estimate of 91 percent assigned by working group. Estimates based on survey results. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Gambia - MCV2

GMB - MCV2



Description:

Coverage estimates for the second dose of measles containing vaccine are for children by the nationally recommended age.

2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. GoC=R+ D+

2015: Estimate based on coverage reported by national government. Estimate of 81 percent changed from previous revision value of 77 percent. GoC=R+ D+

2014: Estimate based on coverage reported by national government. Target population estimates based on projections from average children vaccinated from 2004 to 2006 polio NIDs.. GoC=R+ D+

2013: Estimate based on reported administrative estimate. Increase in coverage the result of expanding second dose of measles vaccine. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ D+

2012: Estimate based on reported administrative estimate. Second dose of measles vaccine introduced in 2012, recommended at 18 months. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: D-

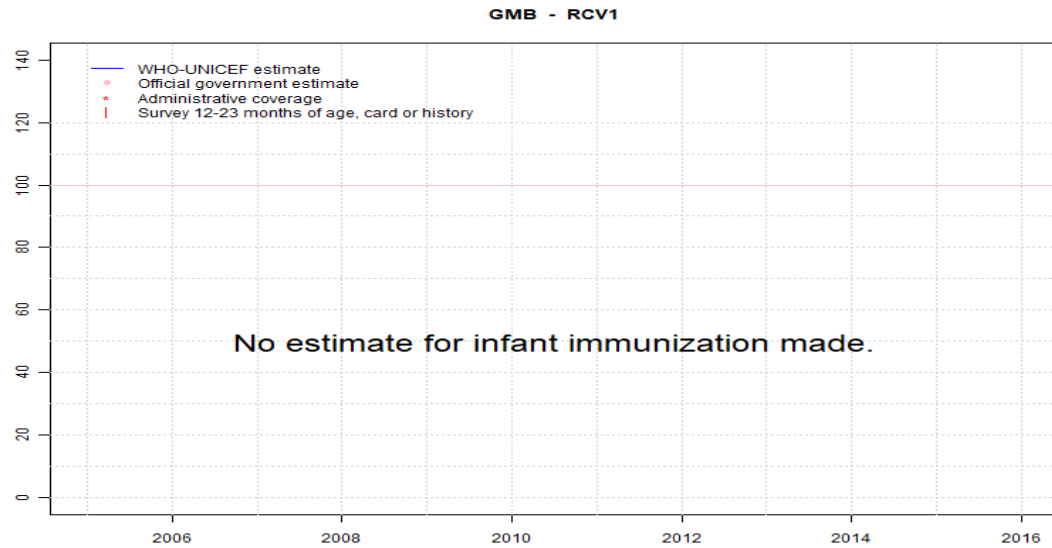
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	NA	NA	56	53	73	81	79
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	•	••	••	••	••
Official	NA	NA	NA	NA	NA	NA	NA	NA	53	73	81	79
Administrative	NA	NA	NA	NA	NA	NA	NA	56	53	73	81	79
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Gambia - RCV1



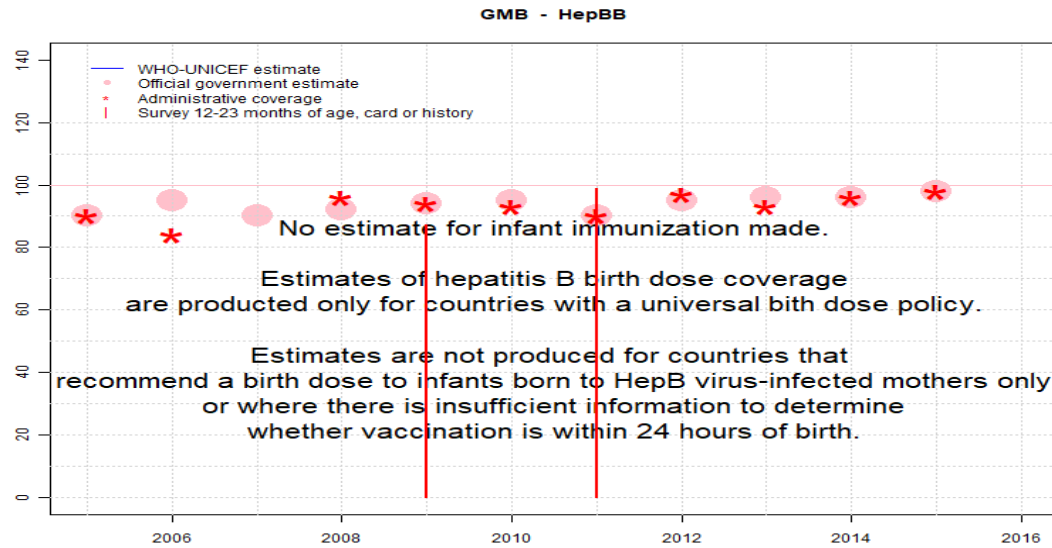
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Gambia - HepBB



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	90	95	90	92	94	95	90	95	96	96	98	NA
Administrative	90	84	NA	96	94	93	90	97	93	96	98	NA
Survey	NA	NA	NA	NA	87.2	NA	99	NA	NA	NA	NA	NA

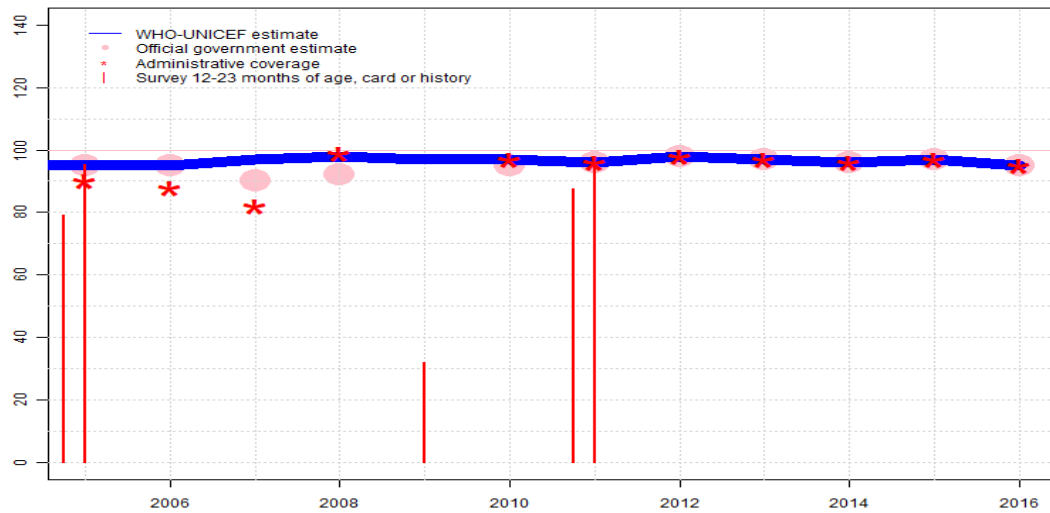
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Gambia - HepB3

GMB - HepB3



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	95	95	97	98	97	97	96	98	97	96	97	95
Estimate GoC	•	•	•	•	••	•••	•••	•••	•••	••	••	••
Official	95	95	90	92	NA	95	96	98	97	96	97	95
Administrative	90	88	82	99	NA	97	96	98	97	96	97	95
Survey	*	NA	NA	NA	32	NA	*	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

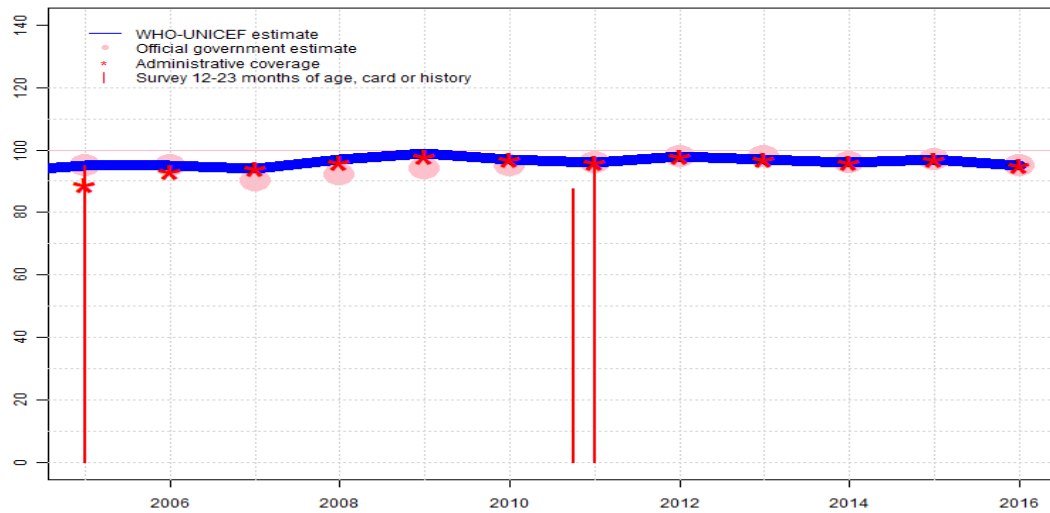
- 2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. Target population estimates based on projections from average children vaccinated from 2004 to 2006 polio NIDs. GoC=R+ D+
- 2013: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2012: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2011: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 93 percent based on 2 survey(s). The Gambia Demographic and Health Survey 2013 card or history results of 88 percent modified for recall bias to 90 percent based on 1st dose card or history coverage of 98 percent, 1st dose card only coverage of 90 percent and 3d dose card only coverage of 82 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=Assigned by working group. Estimate is supported by R+, S+, D+
- 2010: Reported data calibrated to 2005 and 2011 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=Assigned by working group. Estimate is supported by R+, S+, D+
- 2009: Reported data calibrated to 2005 and 2011 levels. The Gambia Multiple Indicator Cluster Survey 2010 results ignored by working group. Survey results inconsistent with other antigens, and might be explained with introduction of pentavalent DTP-HepB -Hib vaccine. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=Assigned by working group. Estimate is supported by S+ (2011 birth cohort)
- 2008: Reported data calibrated to 2005 and 2011 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2007: Reported data calibrated to 2005 and 2011 levels. Reported data excluded due to decline in reported coverage from 95 percent to 82 percent with increase to 99 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2011 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2005: Estimate of 95 percent assigned by working group. Estimates based on survey results. The Gambia Multiple Indicator Cluster Survey 2005/2006 card or history results of 79

Gambia - HepB3

percent modified for recall bias to 79 percent based on 1st dose card or history coverage of 86 percent, 1st dose card only coverage of 86 percent and 3d dose card only coverage of 79 percent. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Gambia - Hib3

GMB - Hib3



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	95	95	94	97	99	97	96	98	97	96	97	95
Estimate GoC	•	•	•	•	•	•	•••	•••	•••	••	••	••
Official	95	95	90	92	94	95	96	98	98	96	97	95
Administrative	89	93	94	96	98	97	96	98	97	96	97	95
Survey	95.1	NA	NA	NA	NA	NA	*	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

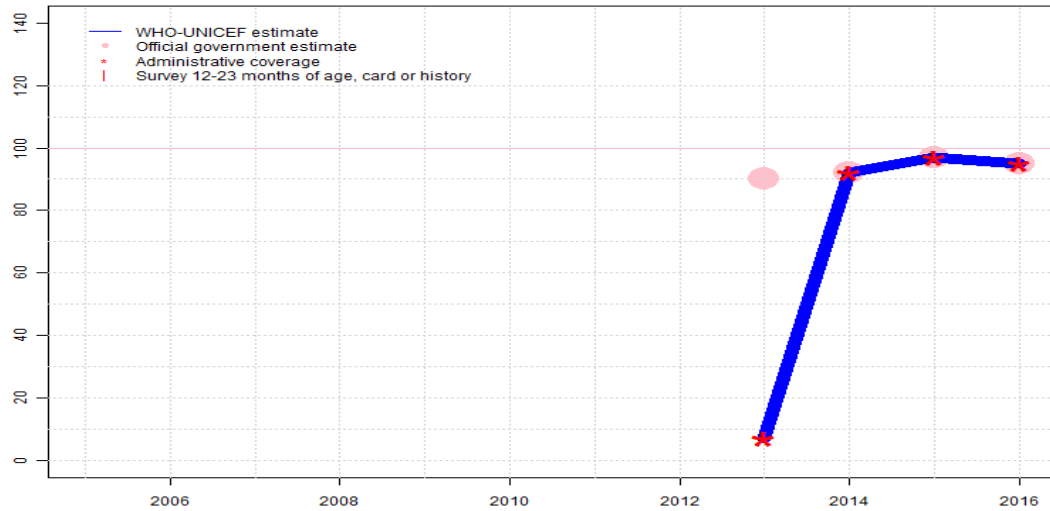
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. Target population estimates based on projections from average children vaccinated from 2004 to 2006 polio NIDs. GoC=R+ D+
- 2013: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2012: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2011: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 93 percent based on 2 survey(s). The Gambia Demographic and Health Survey 2013 card or history results of 88 percent modified for recall bias to 90 percent based on 1st dose card or history coverage of 98 percent, 1st dose card only coverage of 90 percent and 3d dose card only coverage of 82 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2010: Reported data calibrated to 2005 and 2011 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2009: Reported data calibrated to 2005 and 2011 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2008: Reported data calibrated to 2005 and 2011 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2007: Reported data calibrated to 2005 and 2011 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2011 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2005: Estimate of 95 percent assigned by working group. Estimates based on survey results. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Gambia - RotaC

GMB - RotaC



Description:

- 2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. Target population estimates based on projections from average children vaccinated from 2004 to 2006 polio NIDs. GoC=R+ D+
- 2013: Estimate based on reported administrative estimate. Rotavirus vaccine introduced in August 2013. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	7	92	97	95
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	••	••	••	••
Official	NA	NA	NA	NA	NA	NA	NA	NA	90	92	97	95
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	7	92	97	95
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

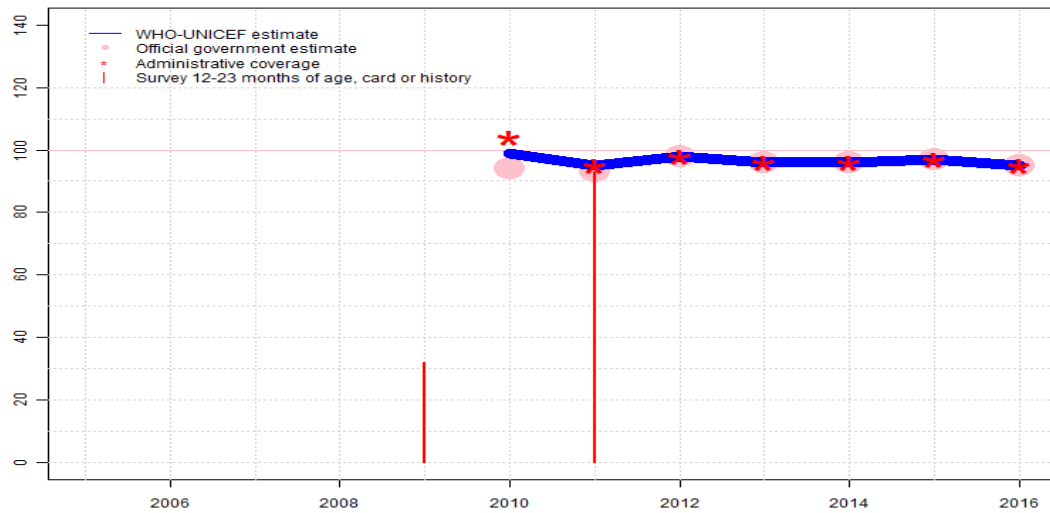
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Gambia - PcV3

GMB - PcV3



Description:

- 2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. Target population estimates based on projections from average children vaccinated from 2004 to 2006 polio NIDs. GoC=R+ D+
- 2013: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2012: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2011: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 93 percent based on 1 survey(s). Pneumococcal conjugate vaccine presentation changed from 7 valent to 13 valent in April 2011.. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+
- 2010: Pneumococcal conjugate vaccine introduced in 2009. Reporting began in 2010. Reported data excluded because 104 percent greater than 100 percent. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	99	95	98	96	96	97	95
Estimate GoC	NA	NA	NA	NA	NA	•	••	•••	•••	••	••	••
Official	NA	NA	NA	NA	NA	94	93	98	96	96	97	95
Administrative	NA	NA	NA	NA	NA	104	95	98	96	96	97	95
Survey	NA	NA	NA	NA	32	NA	93	NA	NA	NA	NA	NA

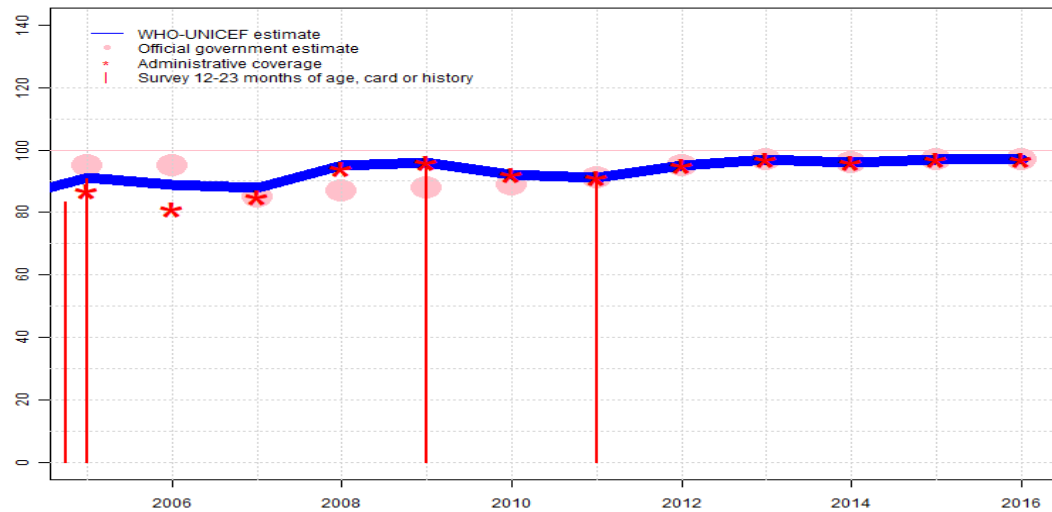
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Gambia - YFV

GMB - YFV



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	91	89	88	95	96	92	91	95	97	96	97	97
Estimate GoC	•	•	•	•	•••	•••	•••	•••	•••	••	••	••
Official	95	95	85	87	88	89	91	95	97	96	97	97
Administrative	87	81	85	94	96	92	91	95	97	96	97	97
Survey	*	NA	NA	NA	94.5	NA	90	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2016: Estimate based on coverage reported by national government. WHO and UNICEF are aware of a Multiple Indicator Cluster Survey to be completed during 2017-18 and await the final results. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. Target population estimates based on projections from average children vaccinated from 2004 to 2006 polio NIDs. GoC=R+ D+
- 2013: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2012: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2011: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 90 percent based on 1 survey(s). Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2010: Estimate based on reported administrative data. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2009: Estimate based on administrative data reported by national government supported by survey. Survey evidence of 95 percent based on 1 survey(s). Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. GoC=R+ S+ D+
- 2008: Reported data calibrated to 2005 and 2009 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2007: Reported data calibrated to 2005 and 2009 levels. Ministry of Health reports targets set in their national comprehensive multi-year plan as their estimate of coverage levels achieved. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2009 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2005: Estimate of 91 percent assigned by working group. Estimates based on survey results. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Gambia - survey details

2011 Gambia 2011 EPI Cluster Survey

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	99	12-23 m	1641	99
BCG	Scar	94	12-23 m	1641	99
DTP1	Card or History	97	12-23 m	1641	99
DTP3	Card or History	95	12-23 m	1641	99
HepB1	Card or History	97	12-23 m	1641	99
HepB3	Card or History	95	12-23 m	1641	99
HepBB	Card or History	99	12-23 m	1641	99
Hib1	Card or History	97	12-23 m	1641	99
Hib3	Card or History	95	12-23 m	1641	99
MCV1	Card or History	90	12-23 m	1641	99
PcV1	Card or History	97	12-23 m	1641	99
PcV3	Card or History	93	12-23 m	1641	99
Pol1	Card or History	97	12-23 m	1641	99
Pol3	Card or History	94	12-23 m	1641	99
YFV	Card or History	90	12-23 m	1641	99

2011 The Gambia Demographic and Health Survey 2013

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	98.6	12-23 m	1660	90
BCG	Card	90	12-23 m	1496	90
BCG	Card or History	98.9	12-23 m	1660	90
DTP1	C or H <12 months	97.5	12-23 m	1660	90
DTP1	Card	89.7	12-23 m	1496	90
DTP1	Card or History	98.1	12-23 m	1660	90
DTP3	C or H <12 months	86.2	12-23 m	1660	90
DTP3	Card	82.1	12-23 m	1496	90
DTP3	Card or History	87.7	12-23 m	1660	90
HepB1	C or H <12 months	97.5	12-23 m	1660	90
HepB1	Card	89.7	12-23 m	1496	90
HepB1	Card or History	98.1	12-23 m	1660	90
HepB3	C or H <12 months	86.2	12-23 m	1660	90
HepB3	Card	82.1	12-23 m	1496	90
HepB3	Card or History	87.7	12-23 m	1660	90
Hib1	C or H <12 months	97.5	12-23 m	1660	90

Hib1	Card	89.7	12-23 m	1496	90
Hib1	Card or History	98.1	12-23 m	1660	90
Hib3	C or H <12 months	86.2	12-23 m	1660	90
Hib3	Card	82.1	12-23 m	1496	90
Hib3	Card or History	87.7	12-23 m	1660	90
MCV1	C or H <12 months	78.8	12-23 m	1660	90
MCV1	Card	79.3	12-23 m	1496	90
MCV1	Card or History	87.8	12-23 m	1660	90
Pol1	C or H <12 months	97.2	12-23 m	1660	90
Pol1	Card	85.5	12-23 m	1496	90
Pol1	Card or History	97.8	12-23 m	1660	90
Pol3	C or H <12 months	88.6	12-23 m	1660	90
Pol3	Card	87.3	12-23 m	1496	90
Pol3	Card or History	90	12-23 m	1660	90

2009 The Gambia Multiple Indicator Cluster Survey 2010

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	98.9	12-23 m	-	94
BCG	Card	93.6	12-23 m	-	94
BCG	Card or History	99.2	12-23 m	2415	94
BCG	History	5.5	12-23 m	-	94
DTP1	C or H <12 months	96.5	12-23 m	-	94
DTP1	Card	92.7	12-23 m	-	94
DTP1	Card or History	97.9	12-23 m	2415	94
DTP1	History	5.2	12-23 m	-	94
DTP3	C or H <12 months	89.3	12-23 m	-	94
DTP3	Card	89.5	12-23 m	-	94
DTP3	Card or History	93.2	12-23 m	2415	94
DTP3	History	3.7	12-23 m	-	94
HepB1	Card or History	53.8	12-23 m	2415	94
HepB3	Card or History	32	12-23 m	2415	94
HepBB	C or H <12 months	86.2	12-23 m	-	94
HepBB	Card	85.1	12-23 m	-	94
HepBB	Card or History	87.2	12-23 m	2415	94
HepBB	History	2.1	12-23 m	-	94
MCV1	C or H <12 months	87.6	12-23 m	-	94
MCV1	Card	90	12-23 m	-	94
MCV1	Card or History	94.9	12-23 m	2415	94

Gambia - survey details

MCV1	History	4.9	12-23 m	-	94	BCG	Card	89.7	12-23 m	1486	90
PcV1	C or H <12 months	49.1	12-23 m	-	94	BCG	Card or History	98.7	12-23 m	1486	90
PcV1	Card	50.4	12-23 m	-	94	BCG	History	9	12-23 m	1486	90
PcV1	Card or History	53.8	12-23 m	2415	94	DTP1	C or H <12 months	93.1	12-23 m	1486	90
PcV1	History	3.4	12-23 m	-	94	DTP1	Card	87.7	12-23 m	1486	90
PcV3	C or H <12 months	25	12-23 m	-	94	DTP1	Card or History	96.1	12-23 m	1486	90
PcV3	Card	31	12-23 m	-	94	DTP1	History	8.3	12-23 m	1486	90
PcV3	Card or History	32	12-23 m	2415	94	DTP3	C or H <12 months	82.4	12-23 m	1486	90
PcV3	History	1	12-23 m	-	94	DTP3	Card	81.6	12-23 m	1486	90
Pol1	C or H <12 months	97.2	12-23 m	-	94	DTP3	Card or History	86.8	12-23 m	1486	90
Pol1	Card	92.1	12-23 m	-	94	DTP3	History	5.2	12-23 m	1486	90
Pol1	Card or History	97.9	12-23 m	2415	94	HepB1	C or H <12 months	83.8	12-23 m	1486	90
Pol1	History	5.8	12-23 m	-	94	HepB1	Card	85.5	12-23 m	1486	90
Pol3	C or H <12 months	93.4	12-23 m	-	94	HepB1	Card or History	85.6	12-23 m	1486	90
Pol3	Card	90.8	12-23 m	-	94	HepB1	History	0.1	12-23 m	1486	90
Pol3	Card or History	95.2	12-23 m	2415	94	HepB3	C or H <12 months	75.4	12-23 m	1486	90
Pol3	History	4.3	12-23 m	-	94	HepB3	Card	79	12-23 m	1486	90
YFV	C or H <12 months	87.5	12-23 m	-	94	HepB3	Card or History	79	12-23 m	1486	90
YFV	Card	89.6	12-23 m	-	94	HepB3	History	0	12-23 m	1486	90
YFV	Card or History	94.5	12-23 m	2415	94	MCV1	C or H <12 months	84.9	12-23 m	1486	90
YFV	History	4.9	12-23 m	-	94	MCV1	Card	83.8	12-23 m	1486	90

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	-
DTP3	Card or History	95.1	12-23 m	1470	-
HepB3	Card or History	95.4	12-23 m	1470	-
Hib3	Card or History	95.1	12-23 m	1470	-
MCV1	Card or History	90.9	12-23 m	1470	-
Pol3	Card or History	93.8	12-23 m	1470	-
YFV	Card or History	90.7	12-23 m	1470	-

2005 The Gambia Multiple Indicator Cluster Survey 2005/2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	97.6	12-23 m	1486	90

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
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	C or H <12 months	82.4	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	History	5.2	12-23 m	1486	90
HepB1	C or H <12 months	83.8	12-23 m	1486	90
HepB1	Card	85.5	12-23 m	1486	90
HepB1	Card or History	85.6	12-23 m	1486	90
HepB1	History	0.1	12-23 m	1486	90
HepB3	C or H <12 months	75.4	12-23 m	1486	90
HepB3	Card	79	12-23 m	1486	90
HepB3	Card or History	79	12-23 m	1486	90
HepB3	History	0	12-23 m	1486	90
MCV1	C or H <12 months	84.9	12-23 m	1486	90
MCV1	Card	83.8	12-23 m	1486	90
MCV1	Card or History	92.4	12-23 m	1486	90
MCV1	History	8.6	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	Card	83.5	12-23 m	1486	90
YFV	Card or History	83.5	12-23 m	1486	90
YFV	History	0	12-23 m	1486	90

2004 The Gambia Immunisation Survey for 2003

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
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Gambia - survey details

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
MCV1	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

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	-
DTP3	Card or History	86.7	12-23 m	1470	-
HepB3	Card or History	91.5	12-23 m	1470	-
Hib3	Card or History	86.7	12-23 m	1470	-
MCV1	Card or History	88.7	12-23 m	1470	-
Pol3	Card or History	60.3	12-23 m	1470	-
YFV	Card or History	84	12-23 m	1470	-

1999 The Gambia 2000 Multiple Indicator Cluster Survey

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
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BCG	C or H <12 months	98.8	12-23 m	835	91
BCG	Card	87.4	12-23 m	835	91
BCG	Card or History	92.9	12-23 m	835	91
BCG	History	5.5	12-23 m	835	91
DTP1	C or H <12 months	97.2	12-23 m	835	91
DTP1	Card	87.4	12-23 m	835	91
DTP1	Card or History	91.8	12-23 m	835	91
DTP1	History	4.4	12-23 m	835	91
DTP3	C or H <12 months	90.3	12-23 m	835	91
DTP3	Card	70.8	12-23 m	835	91
DTP3	Card or History	72.2	12-23 m	835	91
DTP3	History	1.4	12-23 m	835	91
MCV1	C or H <12 months	87.9	12-23 m	835	91
MCV1	Card	83	12-23 m	835	91
MCV1	Card or History	88	12-23 m	835	91
MCV1	History	5	12-23 m	835	91
Pol1	C or H <12 months	97.2	12-23 m	835	91
Pol1	Card	88.5	12-23 m	835	91
Pol1	Card or History	94	12-23 m	835	91
Pol1	History	5.5	12-23 m	835	91
Pol3	C or H <12 months	88.3	12-23 m	835	91
Pol3	Card	77.9	12-23 m	835	91
Pol3	Card or History	80.7	12-23 m	835	91
Pol3	History	2.8	12-23 m	835	91

Further information and estimates for previous years are available at:

<http://www.data.unicef.org/child-health/immunization>

http://www.who.int/immunization/monitoring_surveillance/routine/coverage/en/index4.html