

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.

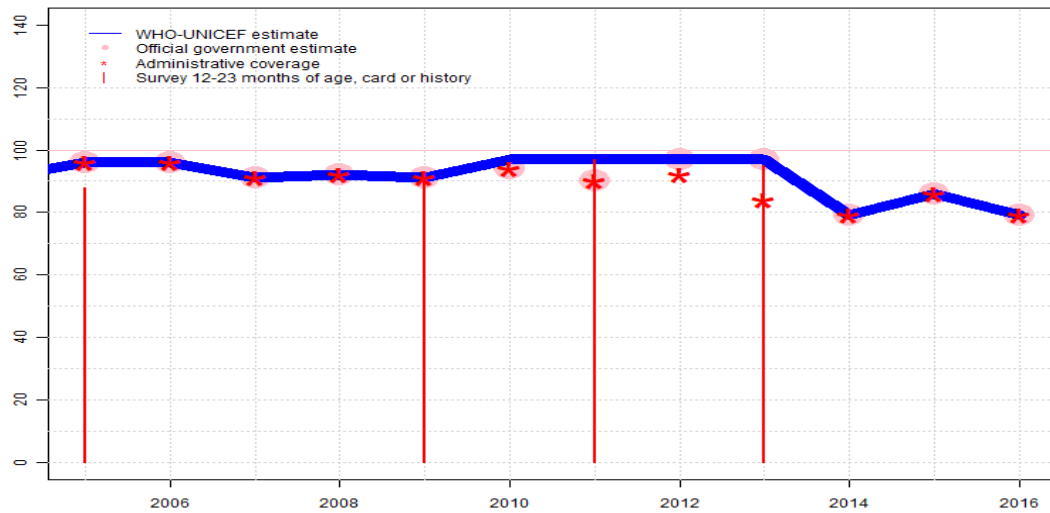
PcV3: percentage of surviving infants who received the 3rd dose of pneumococcal conjugate vaccine. In countries where the national schedule recommends two doses during infancy and a booster dose at 12 months or later based on the epidemiology of disease in the country, coverage estimates may reflect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

TGO - BCG



Description:

- 2016: Estimate based on coverage reported by national government. Programme reports two month vaccine stock out at national and district levels. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Programme reports stock-out of syringes impacting delivery of vaccine. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Programme reports stock-out of syringes impacting delivery of vaccine. Estimate challenged by: D-S-
- 2013: Estimate based on coverage reported by national government supported by survey. Survey evidence of 95 percent based on 1 survey(s). Official government estimate is based on results from a coverage survey reflecting the 2011 birth cohort. GoC=R+ S+ D+
- 2012: Estimate is based on official government estimate reflecting survey results for the 2011 birth cohort. Estimate challenged by: D-
- 2011: Estimate of 97 percent assigned by working group. Estimate is based on survey results for the 2011 birth cohort. Estimate challenged by: R-
- 2010: Reported data calibrated to 2009 and 2011 levels. Estimate challenged by: R-
- 2009: Estimate based on coverage reported by national government supported by survey. Survey evidence of 91 percent based on 1 survey(s). GoC=R+ S+ D+
- 2008: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2005: Estimate based on coverage reported by national government supported by survey. Survey evidence of 88 percent based on 1 survey(s). GoC=R+ S+ D+

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	96	96	91	92	91	97	97	97	97	79	86	79
Estimate GoC	●●●	●●●	●●●	●●●	●●●	●	●	●●●	●	●	●	●
Official	96	96	91	92	91	94	90	97	97	79	86	79
Administrative	96	96	91	92	91	94	90	92	84	79	86	79
Survey	88	NA	NA	NA	91	NA	97	NA	95	NA	NA	NA

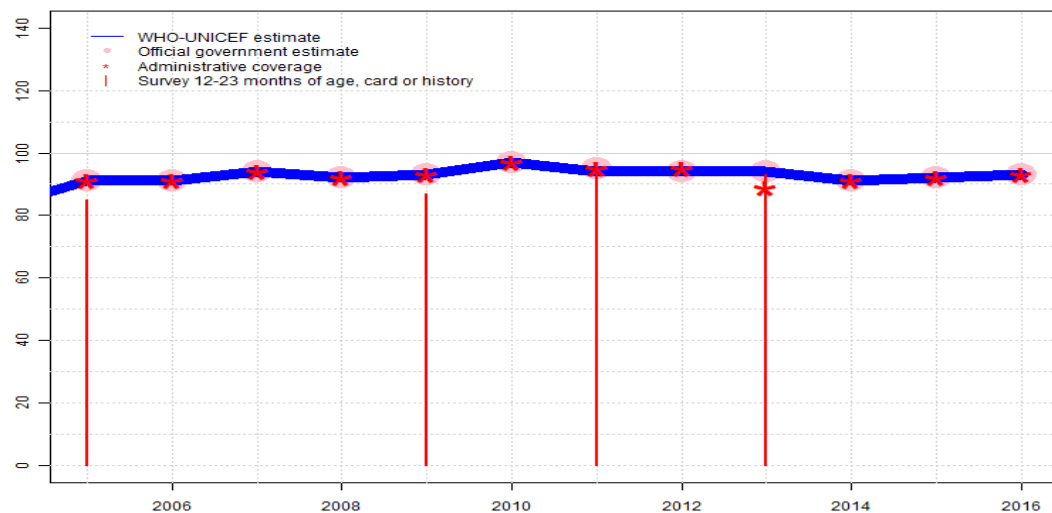
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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.

Togo - DTP1

TGO - DTP1



Description:

- 2016: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government supported by survey. Survey evidence of 93 percent based on 1 survey(s). Official government estimate is based on results from a coverage survey reflecting the 2011 birth cohort. GoC=R+ S+ D+
- 2012: Estimate is based on official government estimate reflecting survey results for the 2011 birth cohort. Estimate challenged by: D-
- 2011: Estimate of 94 percent assigned by working group. Estimate is based on survey results for the 2011 birth cohort. Estimate challenged by: D-R-
- 2010: Reported data calibrated to 2009 and 2011 levels. Estimate challenged by: R-
- 2009: Estimate based on coverage reported by national government supported by survey. Survey evidence of 87 percent based on 1 survey(s). GoC=R+ S+ D+
- 2008: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2007: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2006: Estimate based on coverage reported by national government. GoC=R+ S+ D+
- 2005: Estimate based on coverage reported by national government supported by survey. Survey evidence of 85 percent based on 1 survey(s). GoC=R+ S+ D+

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	91	91	94	92	93	97	94	94	94	91	92	93
Estimate GoC	●●●	●●●	●●●	●●●	●●●	●	●	●	●●●	●	●	●
Official	91	91	94	92	93	97	95	94	94	91	92	93
Administrative	91	91	94	92	93	97	95	95	89	91	92	93
Survey	85	NA	NA	NA	87	NA	94	NA	93	NA	NA	NA

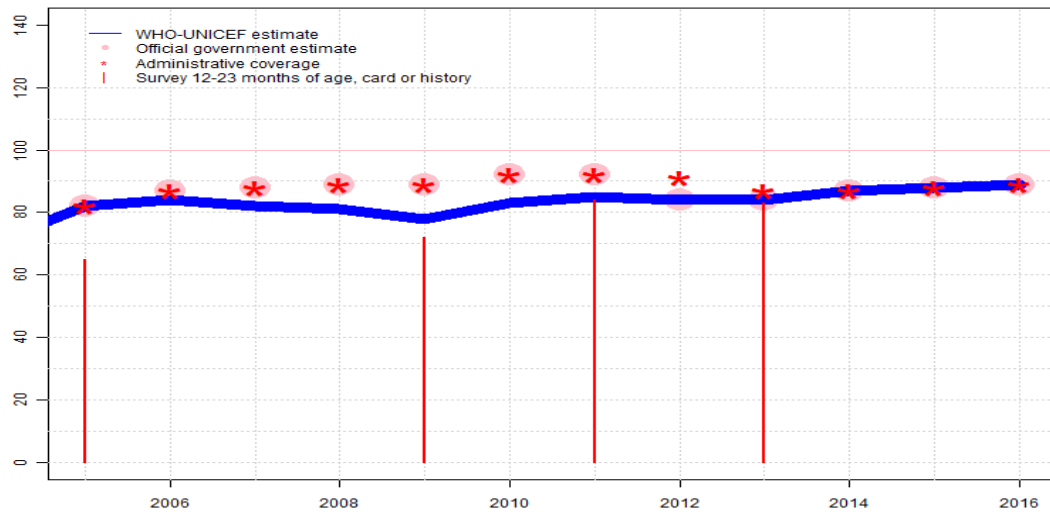
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- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While 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.

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Togo - DTP3

TGO - DTP3



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	82	84	88	81	78	83	85	84	84	87	88	89
Estimate GoC	●●	●	●	●	●	●	●	●	●	●	●	●
Official	82	87	88	89	89	92	92	84	84	87	88	89
Administrative	82	87	88	89	89	92	92	91	87	87	88	89
Survey	65	NA	NA	NA	72	NA	84	NA	83	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.

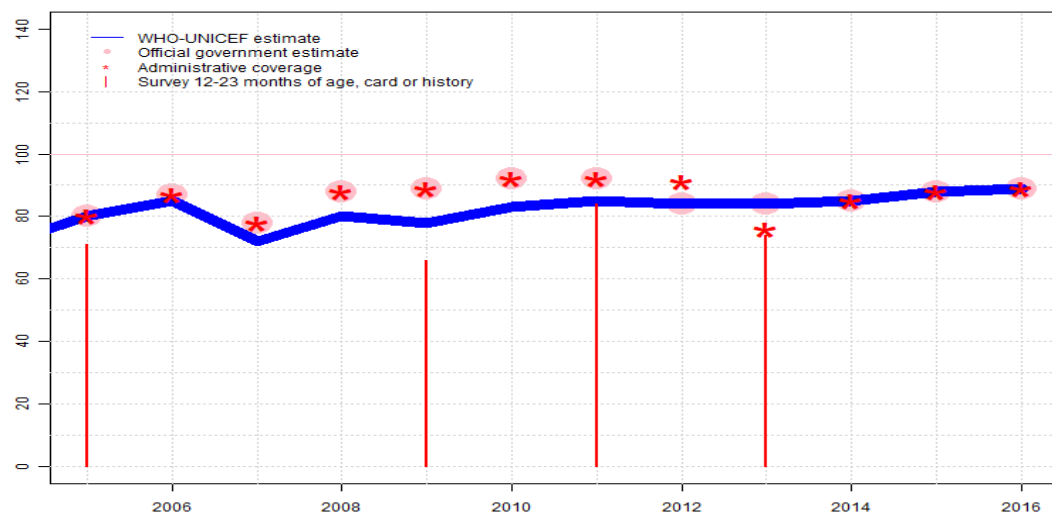
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2016: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government supported by survey. Survey evidence of 86 percent based on 1 survey(s). Togo Demographic and Health Survey 2013-2014 card or history results of 83 percent modified for recall bias to 86 percent based on 1st dose card or history coverage of 93 percent, 1st dose card only coverage of 68 percent and 3d dose card only coverage of 63 percent. Official government estimate is based on results from a coverage survey reflecting the 2011 birth cohort. Estimate challenged by: D-
- 2012: Estimate is based on official government estimate reflecting survey results for the 2011 birth cohort. Estimate challenged by: D-
- 2011: Estimate of 85 percent assigned by working group. Estimate is based on survey results for the 2011 birth cohort, adjusted for recall bias. Togo EPI Review 2012 card or history results of 84 percent modified for recall bias to 85 percent based on 1st dose card or history coverage of 94 percent, 1st dose card only coverage of 71 percent and 3d dose card only coverage of 64 percent. Estimate challenged by: D-R-
- 2010: Reported data calibrated to 2009 and 2011 levels. Estimate challenged by: D-R-
- 2009: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 78 percent based on 1 survey(s). Togo Multiple Indicators Cluster Survey 2010 card or history results of 72 percent modified for recall bias to 78 percent based on 1st dose card or history coverage of 87 percent, 1st dose card only coverage of 71 percent and 3d dose card only coverage of 64 percent. Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: D-R-
- 2007: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: D-R-
- 2006: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: R-
- 2005: Estimate is based on reported data to maintain consistency across vaccines. Togo Multiple Indicator Cluster Survey, 2006 results ignored by working group. Survey results inconsistent with other data. Lower DTP3 results may be reflect vaccine stock out in early 2004 with delayed catch-up. Togo Multiple Indicator Cluster Survey, 2006 card or history results of 65 percent modified for recall bias to 73 percent based on 1st dose card or history coverage of 85 percent, 1st dose card only coverage of 68 percent and 3d dose card only coverage of 58 percent. GoC=R+ D+

Togo - Pol3

TGO - Pol3



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	80	85	72	80	78	83	85	84	84	85	88	89
Estimate GoC	●●●	●	●	●	●	●	●	●	●●●	●	●	●
Official	80	87	78	88	89	92	92	84	84	85	88	89
Administrative	80	87	78	88	89	92	92	91	76	85	88	89
Survey	71	NA	NA	NA	66	NA	84	NA	74	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.

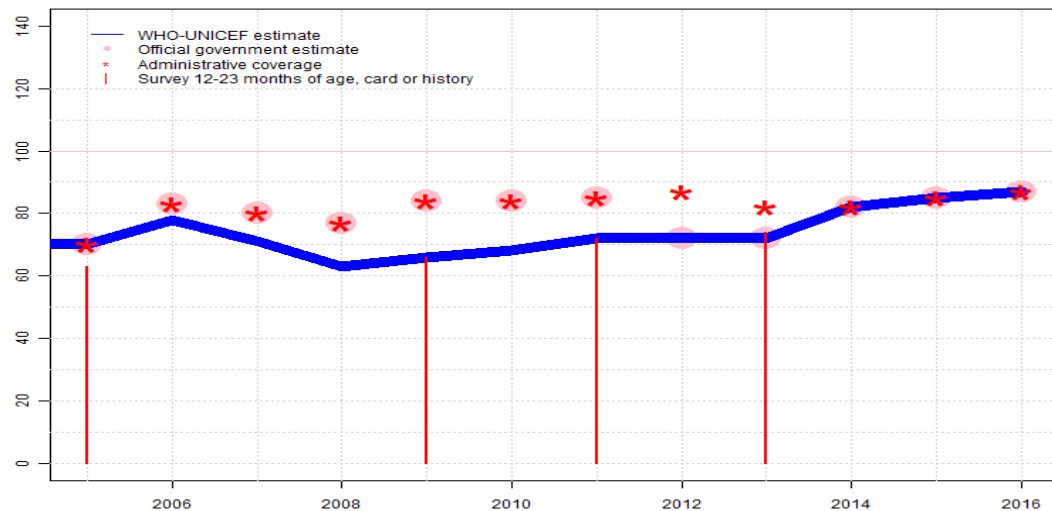
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2016: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government supported by survey. Survey evidence of 88 percent based on 1 survey(s). Togo Demographic and Health Survey 2013-2014 card or history results of 74 percent modified for recall bias to 88 percent based on 1st dose card or history coverage of 94 percent, 1st dose card only coverage of 68 percent and 3d dose card only coverage of 64 percent. Official government estimate is based on results from a coverage survey reflecting the 2011 birth cohort. Programme reports a one month stockout at the national level that appears to be reflected in reported administrative coverage but not the official government estimate. GoC=Assigned by working group. .
- 2012: Estimate is based on official government estimate reflecting the survey results for the 2011 birth cohort. Estimate challenged by: D-
- 2011: Estimate of 85 percent assigned by working group. Estimate is based on survey results for the 2011 birth cohort, adjusted for recall bias. Togo EPI Review 2012 card or history results of 84 percent modified for recall bias to 85 percent based on 1st dose card or history coverage of 94 percent, 1st dose card only coverage of 71 percent and 3d dose card only coverage of 64 percent. Estimate challenged by: D-R-
- 2010: Reported data calibrated to 2009 and 2011 levels. Estimate challenged by: D-R-
- 2009: Estimate of 78 percent assigned by working group. Estimate is based on DTP3 coverage. Togo Multiple Indicators Cluster Survey 2010 results ignored by working group. Recall bias adjustment of survey results likely skewed by campaign data. Survey results ignored. Togo Multiple Indicators Cluster Survey 2010 card or history results of 66 percent modified for recall bias to 80 percent based on 1st dose card or history coverage of 88 percent, 1st dose card only coverage of 66 percent and 3d dose card only coverage of 60 percent. Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: D-R-
- 2007: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: D-R-
- 2006: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: R-
- 2005: Estimate based on coverage reported by national government supported by survey. Survey evidence of 80 percent based on 1 survey(s). Togo Multiple Indicator Cluster Survey, 2006 card or history results of 71 percent modified for recall bias to 80 percent based on 1st dose card or history coverage of 92 percent, 1st dose card only coverage of 69 percent and 3d dose card only coverage of 60 percent. GoC=R+ S+ D+

Togo - MCV1

TGO - MCV1



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	70	78	71	63	66	68	72	72	72	82	85	87
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●	●
Official	70	83	80	77	84	84	85	72	72	82	85	87
Administrative	70	83	80	77	84	84	85	87	82	82	85	87
Survey	63	NA	NA	NA	66	NA	72	NA	74	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.

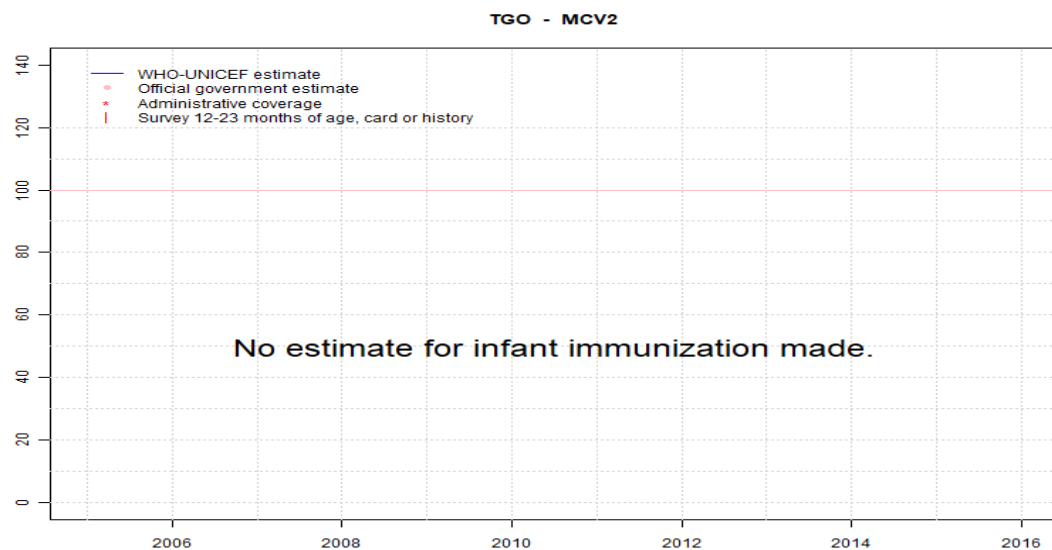
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-S-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government supported by survey. Survey evidence of 74 percent based on 1 survey(s). Official government estimate is based on results from a coverage survey reflecting the 2011 birth cohort. Estimate challenged by: D-
- 2012: Estimate is based on official government estimate reflecting the survey results for the 2011 birth cohort. Estimate challenged by: D-
- 2011: Estimate of 72 percent assigned by working group. Estimate is based on survey results for the 2011 birth cohort. Estimate challenged by: D-R-
- 2010: Reported data calibrated to 2009 and 2011 levels. Estimate challenged by: D-R-
- 2009: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 66 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: D-R-
- 2007: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: D-R-
- 2006: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: R-S-
- 2005: Estimate based on coverage reported by national government supported by survey. Survey evidence of 63 percent based on 1 survey(s). GoC=R+ S+ D+

Togo - MCV2



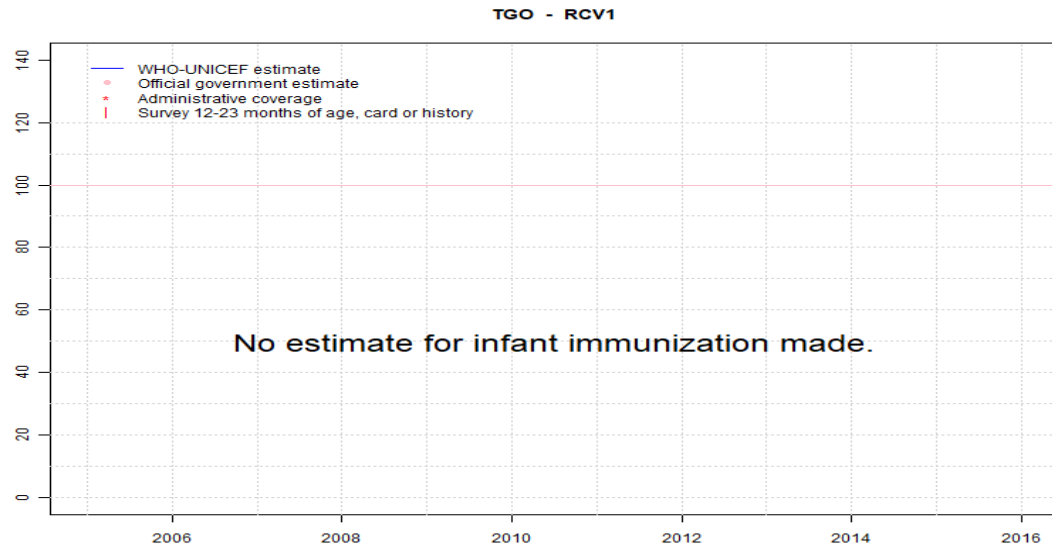
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

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Togo - RCV1



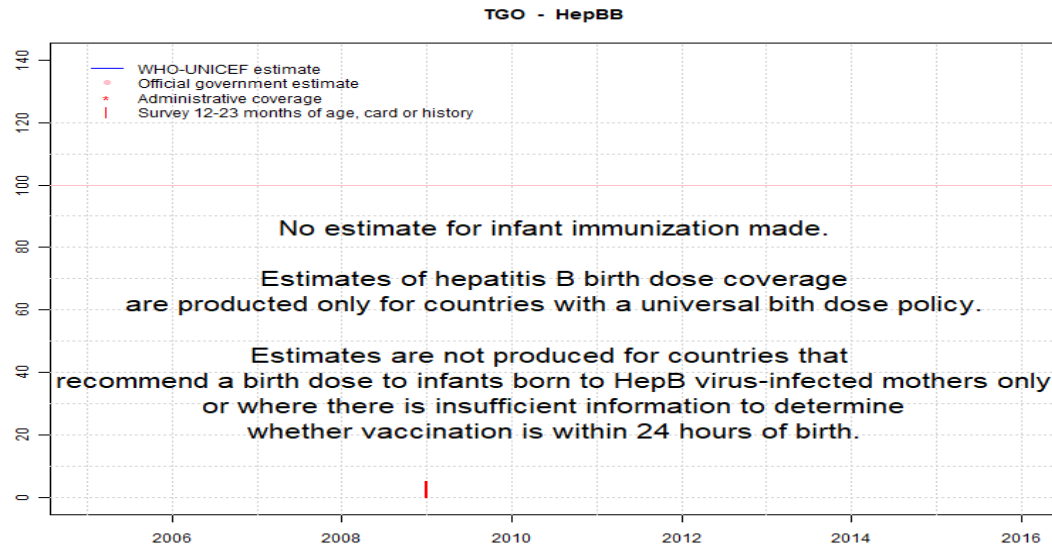
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.
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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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Togo - 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	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	5	NA	NA	NA	NA	NA	NA	NA

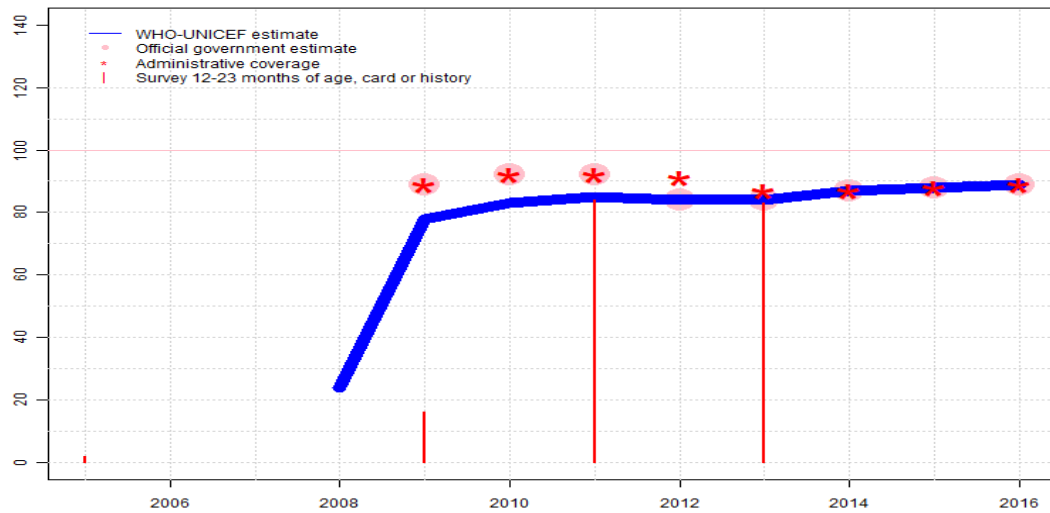
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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.

Togo - HepB3

TGO - HepB3



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	24	78	83	85	84	84	87	88	89
Estimate GoC	NA	NA	NA	••	•	•	•	•	•	•	•	•
Official	NA	NA	NA	NA	89	92	92	84	84	87	88	89
Administrative	NA	NA	NA	NA	89	92	92	91	87	87	88	89
Survey	2	NA	NA	NA	16	NA	84	NA	83	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.

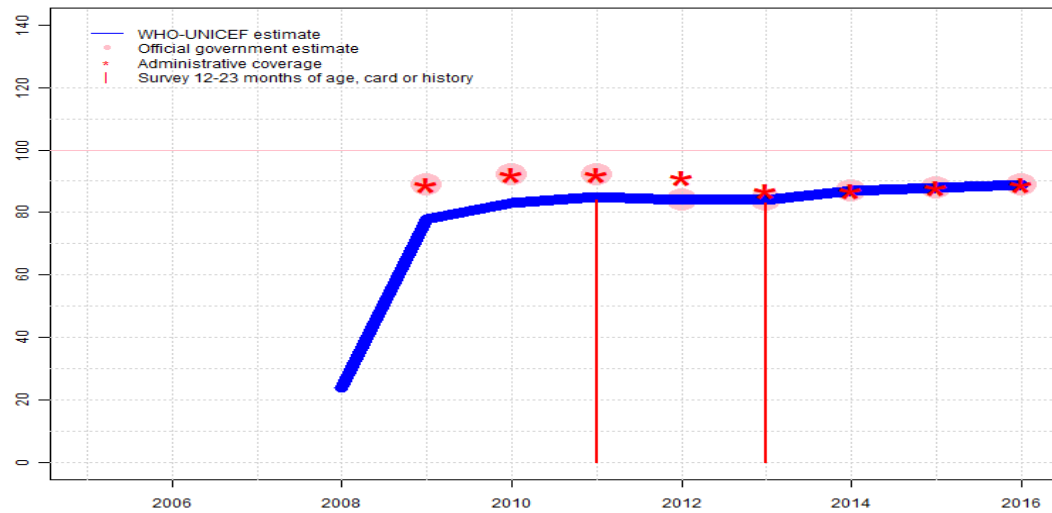
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2016: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government supported by survey. Survey evidence of 86 percent based on 1 survey(s). Togo Demographic and Health Survey 2013-2014 card or history results of 83 percent modified for recall bias to 86 percent based on 1st dose card or history coverage of 93 percent, 1st dose card only coverage of 68 percent and 3d dose card only coverage of 63 percent. Official government estimate is based on results from a coverage survey reflecting the 2011 birth cohort. Estimate challenged by: D-
- 2012: Estimate is based on official government estimate reflecting survey results for the 2011 birth cohort. Estimate challenged by: D-
- 2011: Estimate of 85 percent assigned by working group. Estimate is based on survey results for the 2011 birth cohort, adjusted for recall bias. Togo EPI Review 2012 card or history coverage of 94 percent, 1st dose card only coverage of 71 percent and 3d dose card only coverage of 64 percent. Estimate challenged by: D-R-S-
- 2010: Reported data calibrated to 2009 and 2011 levels. Estimate challenged by: D-R-S-
- 2009: Estimate of 78 percent assigned by working group. Estimate is based on DTP3 coverage. Togo Multiple Indicators Cluster Survey 2010 card or history results of 16 percent modified for recall bias to 19 percent based on 1st dose card or history coverage of 22 percent, 1st dose card only coverage of 16 percent and 3d dose card only coverage of 14 percent. Estimate challenged by: D-R-S-
- 2008: Pentavalent DTP-HepB-Hib combination vaccine was introduced in 2008; used nationally since 2009. Forty-eight percent coverage was reached in 50 percent of the national target population. GoC=S+ D+

Togo - Hib3

TGO - Hib3



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	24	78	83	85	84	84	87	88	89
Estimate GoC	NA	NA	NA	••	•	•	•	•	•	•	•	•
Official	NA	NA	NA	NA	89	92	92	84	84	87	88	89
Administrative	NA	NA	NA	NA	89	92	92	91	87	87	88	89
Survey	NA	NA	NA	NA	NA	NA	84	NA	83	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.

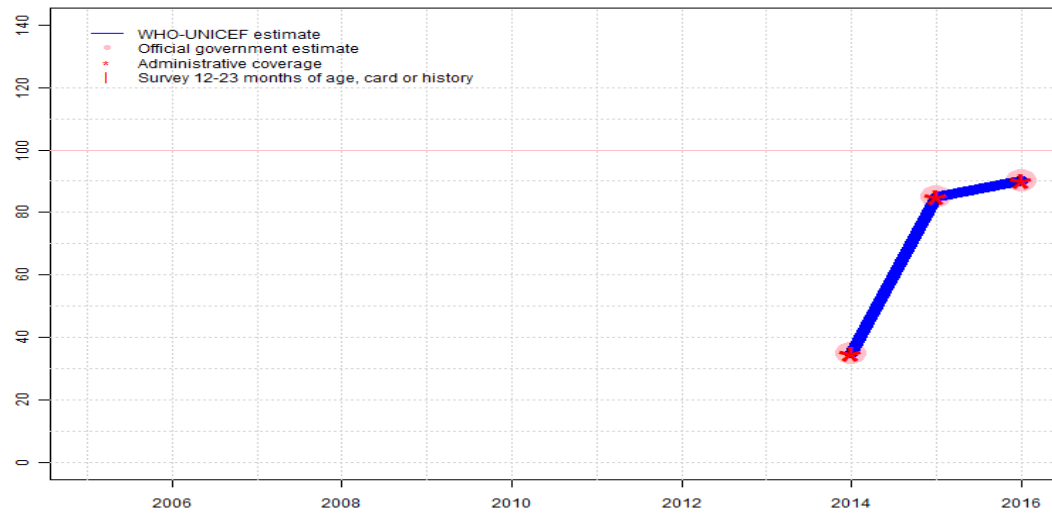
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2016: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government supported by survey. Survey evidence of 86 percent based on 1 survey(s). Togo Demographic and Health Survey 2013-2014 card or history results of 83 percent modified for recall bias to 86 percent based on 1st dose card or history coverage of 93 percent, 1st dose card only coverage of 68 percent and 3d dose card only coverage of 63 percent. Official government estimate is based on results from a coverage survey reflecting the 2011 birth cohort. Estimate challenged by: D-
- 2012: Estimate is based on official government estimate reflecting the survey results for the 2011 birth cohort. Estimate challenged by: D-
- 2011: Estimate of 85 percent assigned by working group. Estimate is based on survey results for the 2011 birth cohort, adjusted for recall bias. Togo EPI Review 2012 card or history results of 84 percent modified for recall bias to 85 percent based on 1st dose card or history coverage of 94 percent, 1st dose card only coverage of 71 percent and 3d dose card only coverage of 64 percent. Estimate challenged by: D-R-
- 2010: Reported data calibrated to 2009 and 2011 levels. Estimate challenged by: D-R-
- 2009: Estimate of 78 percent assigned by working group. Estimate is based on DTP3 coverage. Estimate challenged by: D-R-
- 2008: Pentavalent DTP-HepB-Hib combination vaccine was introduced in 2008; used nationally since 2009. Forty-eight percent coverage was reached in 50 percent of the national target population. GoC=D+

Togo - RotaC

TGO - RotaC



Description:

2016: Estimate based on coverage reported by national government. Estimate challenged by: D-
 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-
 2014: Estimate based on coverage reported by national government. Rotavirus vaccine introduced during June 2014. 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	35	85	90
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	••	•	•
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	35	85	90
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	35	85	90
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

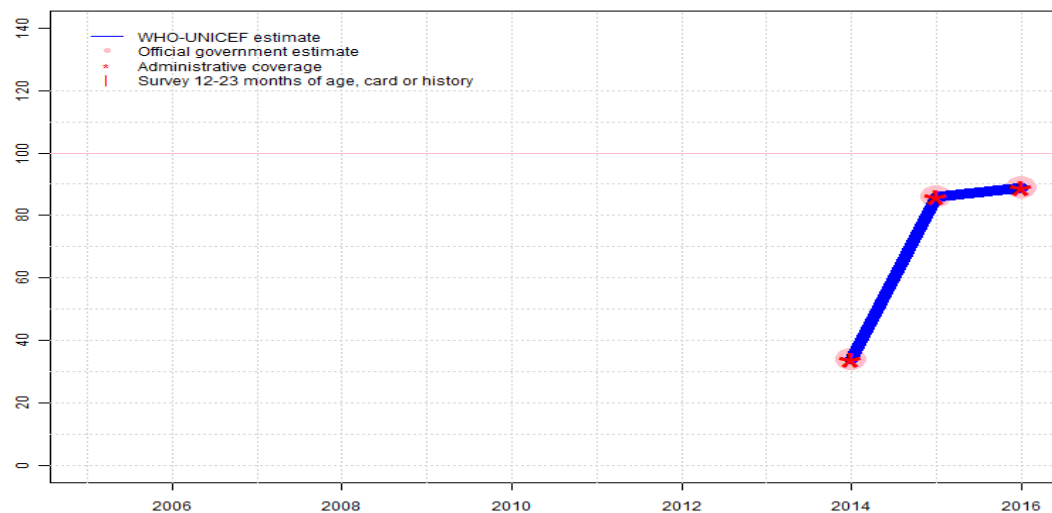
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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.

Togo - PcV3

TGO - PcV3



Description:

2016: Estimate based on coverage reported by national government. Estimate challenged by: D-
 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-
 2014: Estimate based on coverage reported by national government. Pneumococcal conjugate vaccine introduced during June 2014. 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	34	86	89
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	••	•	•
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	34	86	89
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	34	86	89
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

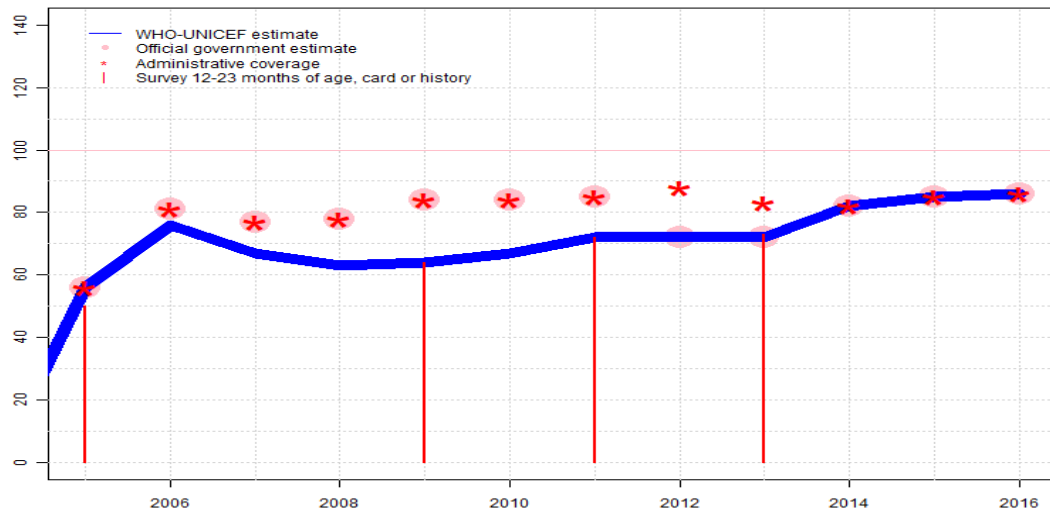
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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.

Togo - YFV

TGO - YFV



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	56	76	67	63	64	67	72	72	72	82	85	86
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●	●
Official	56	81	77	78	84	84	85	72	72	82	85	86
Administrative	56	81	77	78	84	84	85	88	83	82	85	86
Survey	50	NA	NA	NA	64	NA	72	NA	73	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. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Estimate challenged by: D-S-
- 2014: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government supported by survey. Survey evidence of 73 percent based on 1 survey(s). Official government estimate is based on results from a coverage survey reflecting the 2011 birth cohort. Estimate challenged by: D-
- 2012: Estimate is based on official government estimate reflecting the survey results for the 2011 birth cohort. Estimate challenged by: D-
- 2011: Estimate of 72 percent assigned by working group. Estimate is based on survey results for the 2011 birth cohort. Estimate challenged by: D-R-
- 2010: Reported data calibrated to 2009 and 2011 levels. Estimate challenged by: D-R-
- 2009: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 64 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: D-R-
- 2007: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: D-R-S-
- 2006: Reported data calibrated to 2005 and 2009 levels. Estimate challenged by: R-S-
- 2005: Estimate based on coverage reported by national government supported by survey. Survey evidence of 50 percent based on 1 survey(s). GoC=R+ S+ D+

Togo - survey details

2013 Togo Enquête Démographique et de Santé 2013-2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	95	12-23 m	1395	70
BCG	Card	70	12-23 m	971	70
BCG	Card or History	95	12-23 m	1395	70
BCG	History	26	12-23 m	423	70
DTP1	C or H <12 months	93	12-23 m	1395	70
DTP1	Card	68	12-23 m	971	70
DTP1	Card or History	93	12-23 m	1395	70
DTP1	History	25	12-23 m	423	70
DTP3	C or H <12 months	82	12-23 m	1395	70
DTP3	Card	63	12-23 m	971	70
DTP3	Card or History	83	12-23 m	1395	70
DTP3	History	19	12-23 m	423	70
HepB1	C or H <12 months	93	12-23 m	1395	70
HepB1	Card	68	12-23 m	971	70
HepB1	Card or History	93	12-23 m	1395	70
HepB1	History	25	12-23 m	423	70
HepB3	C or H <12 months	82	12-23 m	1395	70
HepB3	Card	63	12-23 m	971	70
HepB3	Card or History	83	12-23 m	1395	70
HepB3	History	19	12-23 m	423	70
Hib1	C or H <12 months	93	12-23 m	1395	70
Hib1	Card	68	12-23 m	971	70
Hib1	Card or History	93	12-23 m	1395	70
Hib1	History	25	12-23 m	423	70
Hib3	C or H <12 months	82	12-23 m	1395	70
Hib3	Card	63	12-23 m	971	70
Hib3	Card or History	83	12-23 m	1395	70
Hib3	History	19	12-23 m	423	70
MCV1	C or H <12 months	66	12-23 m	1395	70
MCV1	Card	56	12-23 m	971	70
MCV1	Card or History	74	12-23 m	1395	70
MCV1	History	18	12-23 m	423	70
Pol1	C or H <12 months	94	12-23 m	1395	70
Pol1	Card	68	12-23 m	971	70
Pol1	Card or History	94	12-23 m	1395	70
Pol1	History	26	12-23 m	423	70
Pol3	C or H <12 months	73	12-23 m	1395	70

Pol3	Card	64	12-23 m	971	70
Pol3	Card or History	74	12-23 m	1395	70
Pol3	History	10	12-23 m	423	70
YFV	C or H <12 months	65	12-23 m	1395	70
YFV	Card	56	12-23 m	971	70
YFV	Card or History	73	12-23 m	1395	70
YFV	History	18	12-23 m	423	70

2012 Togo Enquête Démographique et de Santé 2013-2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	93	24-35 m	1234	70
DTP1	C or H <12 months	91	24-35 m	1234	70
DTP3	C or H <12 months	77	24-35 m	1234	70
HepB1	C or H <12 months	91	24-35 m	1234	70
HepB3	C or H <12 months	77	24-35 m	1234	70
Hib1	C or H <12 months	91	24-35 m	1234	70
Hib3	C or H <12 months	77	24-35 m	1234	70
MCV1	C or H <12 months	63	24-35 m	1234	70
Pol1	C or H <12 months	93	24-35 m	1234	70
Pol3	C or H <12 months	62	24-35 m	1234	70
YFV	C or H <12 months	62	24-35 m	1234	70

2011 Revue du Programme Elargi de Vaccination (PEV) du Togo en 2012

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	97	12-23 m	4118	79
DTP1	Card	71	12-23 m	4118	79
DTP1	Card or History	94	12-23 m	4118	79
DTP3	Card	64	12-23 m	4118	79
DTP3	Card or History	84	12-23 m	4118	79
HepB1	Card	71	12-23 m	4118	79
HepB1	Card or History	94	12-23 m	4118	79
HepB3	Card	64	12-23 m	4118	79
HepB3	Card or History	84	12-23 m	4118	79
Hib1	Card	71	12-23 m	4118	79
Hib1	Card or History	94	12-23 m	4118	79
Hib3	Card	64	12-23 m	4118	79

Togo - survey details

Hib3	Card or History	84	12-23 m	4118	79
MCV1	Card	54	12-23 m	4118	79
MCV1	Card or History	72	12-23 m	4118	79
Pol1	Card	71	12-23 m	-	79
Pol1	Card or History	94	12-23 m	4118	79
Pol3	Card	64	12-23 m	-	79
Pol3	Card or History	84	12-23 m	4118	79
YFV	Card	54	12-23 m	-	79
YFV	Card or History	72	12-23 m	4118	79

Pol3	C or H <12 months	55	48-59 m	1172	70
YFV	C or H <12 months	63	48-59 m	1172	70

2009 Togo, Enquête par grappes à indicateurs multiples, 2010

2011 Togo Enquête Démographique et de Santé 2013-2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	92	36-47 m	1220	70
DTP1	C or H <12 months	90	36-47 m	1220	70
DTP3	C or H <12 months	77	36-47 m	1220	70
HepB1	C or H <12 months	90	36-47 m	1220	70
HepB3	C or H <12 months	77	36-47 m	1220	70
Hib1	C or H <12 months	90	36-47 m	1220	70
Hib3	C or H <12 months	77	36-47 m	1220	70
MCV1	C or H <12 months	68	36-47 m	1220	70
Pol1	C or H <12 months	92	36-47 m	1220	70
Pol3	C or H <12 months	59	36-47 m	1220	70
YFV	C or H <12 months	67	36-47 m	1220	70

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	91	12-23 m	900	73
BCG	Card	71	12-23 m	900	73
BCG	Card or History	91	12-23 m	900	73
BCG	History	19	12-23 m	900	73
DTP1	C or H <12 months	72	12-23 m	900	73
DTP1	Card	71	12-23 m	900	73
DTP1	Card or History	87	12-23 m	900	73
DTP1	History	16	12-23 m	900	73
DTP3	C or H <12 months	59	12-23 m	900	73
DTP3	Card	64	12-23 m	900	73
DTP3	Card or History	72	12-23 m	900	73
DTP3	History	8	12-23 m	900	73
HepB1	C or H <12 months	18	12-23 m	900	73
HepB1	Card	16	12-23 m	900	73
HepB1	Card or History	22	12-23 m	900	73
HepB1	History	6	12-23 m	900	73
HepB3	C or H <12 months	14	12-23 m	900	73
HepB3	Card	14	12-23 m	900	73
HepB3	Card or History	16	12-23 m	900	73
HepB3	History	2	12-23 m	900	73
HepBB	C or H <12 months	5	12-23 m	900	73
HepBB	Card	1	12-23 m	900	73
HepBB	Card or History	5	12-23 m	900	73
HepBB	History	4	12-23 m	900	73
MCV1	C or H <12 months	65	12-23 m	900	73
MCV1	Card	60	12-23 m	900	73
MCV1	Card or History	66	12-23 m	900	73
MCV1	History	6	12-23 m	900	73
Pol1	C or H <12 months	88	12-23 m	900	73
Pol1	Card	66	12-23 m	900	73
Pol1	Card or History	88	12-23 m	900	73
Pol1	History	22	12-23 m	900	73
Pol3	C or H <12 months	65	12-23 m	900	73

2010 Togo Enquête Démographique et de Santé 2013-2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	91	48-59 m	1172	70
DTP1	C or H <12 months	87	48-59 m	1172	70
DTP3	C or H <12 months	75	48-59 m	1172	70
HepB1	C or H <12 months	87	48-59 m	1172	70
HepB3	C or H <12 months	75	48-59 m	1172	70
Hib1	C or H <12 months	87	48-59 m	1172	70
Hib3	C or H <12 months	75	48-59 m	1172	70
MCV1	C or H <12 months	65	48-59 m	1172	70
Pol1	C or H <12 months	89	48-59 m	1172	70

Togo - survey details

Pol3	Card	60	12-23 m	900	73
Pol3	Card or History	66	12-23 m	900	73
Pol3	History	6	12-23 m	900	73
YFV	C or H <12 months	60	12-23 m	900	73
YFV	Card	49	12-23 m	900	73
YFV	Card or History	64	12-23 m	900	73
YFV	History	15	12-23 m	900	73

Pol3	C or H <12 months	69	12-23 m	888	70
Pol3	Card	60	12-23 m	888	70
Pol3	Card or History	71	12-23 m	888	70
Pol3	History	10	12-23 m	888	70
YFV	C or H <12 months	44	12-23 m	888	70
YFV	Card	40	12-23 m	888	70
YFV	Card or History	50	12-23 m	888	70
YFV	History	9	12-23 m	888	70

2005 Enquête par grappe à indicateurs multiples de Togo, 2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	87	12-23 m	888	70
BCG	Card	68	12-23 m	888	70
BCG	Card or History	88	12-23 m	888	70
BCG	History	20	12-23 m	888	70
DTP1	C or H <12 months	84	12-23 m	888	70
DTP1	Card	68	12-23 m	888	70
DTP1	Card or History	85	12-23 m	888	70
DTP1	History	17	12-23 m	888	70
DTP3	C or H <12 months	63	12-23 m	888	70
DTP3	Card	58	12-23 m	888	70
DTP3	Card or History	65	12-23 m	888	70
DTP3	History	7	12-23 m	888	70
HepB1	C or H <12 months	16	12-23 m	888	70
HepB1	Card	2	12-23 m	888	70
HepB1	Card or History	19	12-23 m	888	70
HepB1	History	17	12-23 m	888	70
HepB3	C or H <12 months	1	12-23 m	888	70
HepB3	Card	2	12-23 m	888	70
HepB3	Card or History	2	12-23 m	888	70
HepB3	History	0	12-23 m	888	70
MCV1	C or H <12 months	58	12-23 m	888	70
MCV1	Card	50	12-23 m	888	70
MCV1	Card or History	63	12-23 m	888	70
MCV1	History	13	12-23 m	888	70
Pol1	C or H <12 months	90	12-23 m	888	70
Pol1	Card	69	12-23 m	888	70
Pol1	Card or History	92	12-23 m	888	70
Pol1	History	24	12-23 m	888	70

2000 Togo, Revue Externe du Programme Elargi de Vaccination, Rapport Préliminaire, 2001

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	84	12-23 m	1308	79
DTP1	Card or History	80	12-23 m	1308	79
DTP3	Card or History	64	12-23 m	1308	79
MCV1	Card or History	58	12-23 m	1308	79
Pol1	Card or History	83	12-23 m	1308	79
Pol3	Card or History	63	12-23 m	1308	79

1999 Togo MICS 2000

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	81	12-23 m	638	66
DTP1	Card or History	81	12-23 m	638	66
DTP3	Card or History	57	12-23 m	638	66
MCV1	Card or History	57	12-23 m	638	66
Pol1	Card or History	87	12-23 m	638	66
Pol3	Card or History	57	12-23 m	638	66

1997 Enquête Démographique et de Santé Togo 1998, 1999

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	73	12-23 m	1134	58
BCG	Card	57	12-23 m	1134	58
BCG	Card <12 months	56	12-23 m	1134	58
BCG	Card or History	76	12-23 m	1134	58

Togo - survey details

BCG	History	19	12-23 m	1134	58	MCV1	Card or History	43	12-23 m	1134	58
DTP1	C or H <12 months	64	12-23 m	1134	58	MCV1	History	8	12-23 m	1134	58
DTP1	Card	52	12-23 m	1134	58	Pol1	C or H <12 months	74	12-23 m	1134	58
DTP1	Card <12 months	52	12-23 m	1134	58	Pol1	Card	54	12-23 m	1134	58
DTP1	Card or History	67	12-23 m	1134	58	Pol1	Card <12 months	53	12-23 m	1134	58
DTP1	History	14	12-23 m	1134	58	Pol1	Card or History	78	12-23 m	1134	58
DTP3	C or H <12 months	36	12-23 m	1134	58	Pol1	History	24	12-23 m	1134	58
DTP3	Card	38	12-23 m	1134	58	Pol3	C or H <12 months	41	12-23 m	1134	58
DTP3	Card <12 months	37	12-23 m	1134	58	Pol3	Card	39	12-23 m	1134	58
DTP3	Card or History	42	12-23 m	1134	58	Pol3	Card <12 months	37	12-23 m	1134	58
DTP3	History	4	12-23 m	1134	58	Pol3	Card or History	47	12-23 m	1134	58
MCV1	C or H <12 months	32	12-23 m	1134	58	Pol3	History	8	12-23 m	1134	58
MCV1	Card	35	12-23 m	1134	58						
MCV1	Card <12 months	34	12-23 m	1134	58						

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