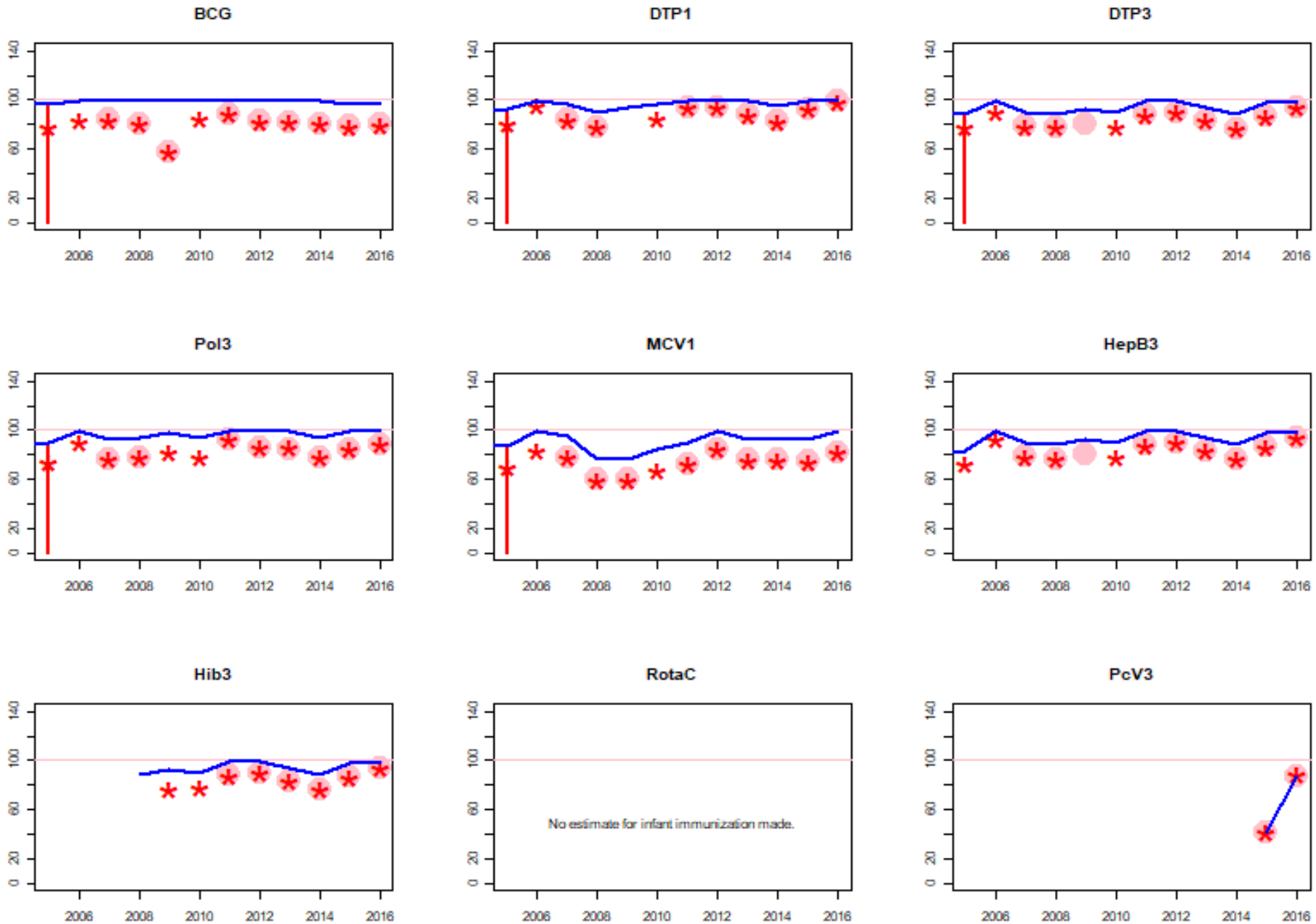


Solomon Islands: WHO and UNICEF estimates of immunization coverage: 2016 revision



Solomon Islands: 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.

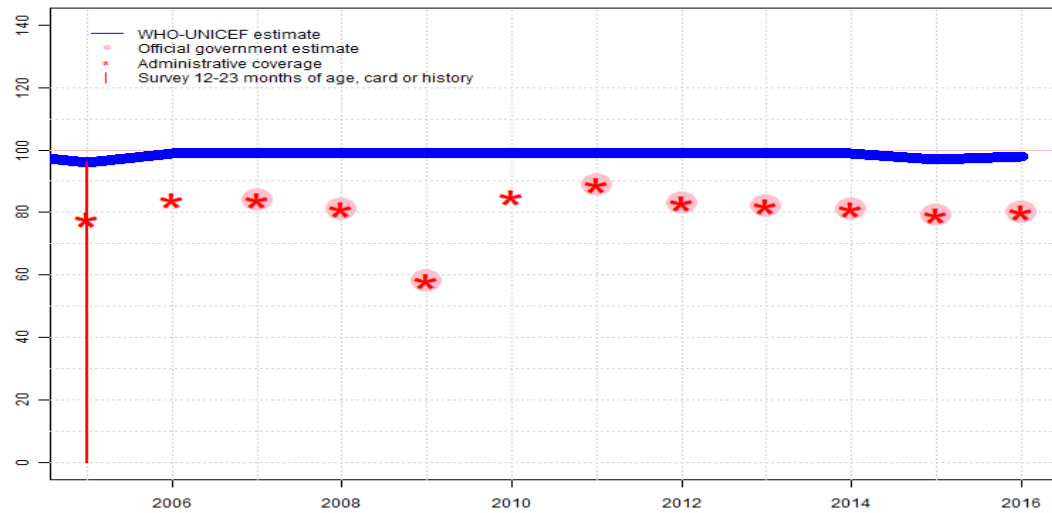
PcV3: percentage of surviving infants who received the 3rd dose of pneumococcal conjugate vaccine. In countries where the national schedule recommends two doses during infancy and a booster dose at 12 months or later based on the epidemiology of disease in the country, coverage estimates may reflect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

SLB - BCG



Description:

2016: Reported data calibrated to 2005 levels. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: D-R-

2015: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2014: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2013: Reported data calibrated to 2005 levels. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. Estimate challenged by: D-R-

2012: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2011: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2010: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2009: Reported data calibrated to 2005 levels. Reported data excluded due to decline in reported coverage from 81 percent to 58 percent with increase to 85 percent. Decline attributed to incomplete data entry in health information system. Estimate challenged by: D-R-

2008: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2007: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2006: Reported data calibrated to 2005 levels. Estimate challenged by: R-

2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 96 percent based on 1 survey(s). Estimate challenged by: D-R-

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	96	99	99	99	99	99	99	99	99	99	97	98
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	NA	NA	84	81	58	NA	89	83	82	81	79	80
Administrative	78	84	84	81	58	85	89	83	82	81	79	80
Survey	96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

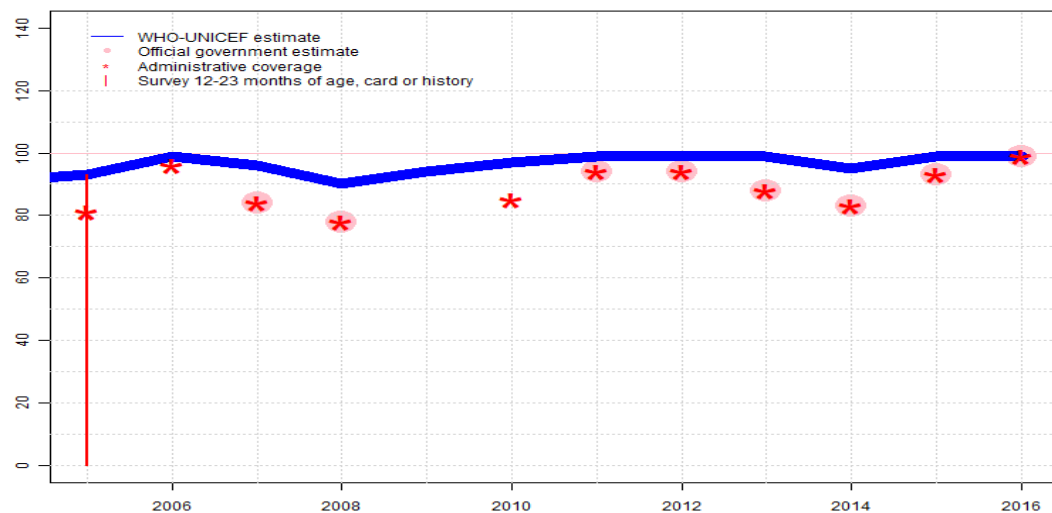
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - DTP1

SLB - DTP1



Description:

- 2016: Reported data calibrated to 2005 levels. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: R-
- 2015: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2014: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2013: Reported data calibrated to 2005 levels. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. Estimate challenged by: R-
- 2012: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2011: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
- 2010: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2009: Reported data calibrated to 2005 levels. GoC=No accepted empirical data
- 2008: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2007: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 levels. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-R-S-
- 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 93 percent based on 1 survey(s). Estimate challenged by: D-R-

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	93	99	96	90	94	97	99	99	99	95	99	99
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	NA	NA	84	78	NA	NA	94	94	88	83	93	99
Administrative	81	96	84	78	NA	85	94	94	88	83	93	99
Survey	93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

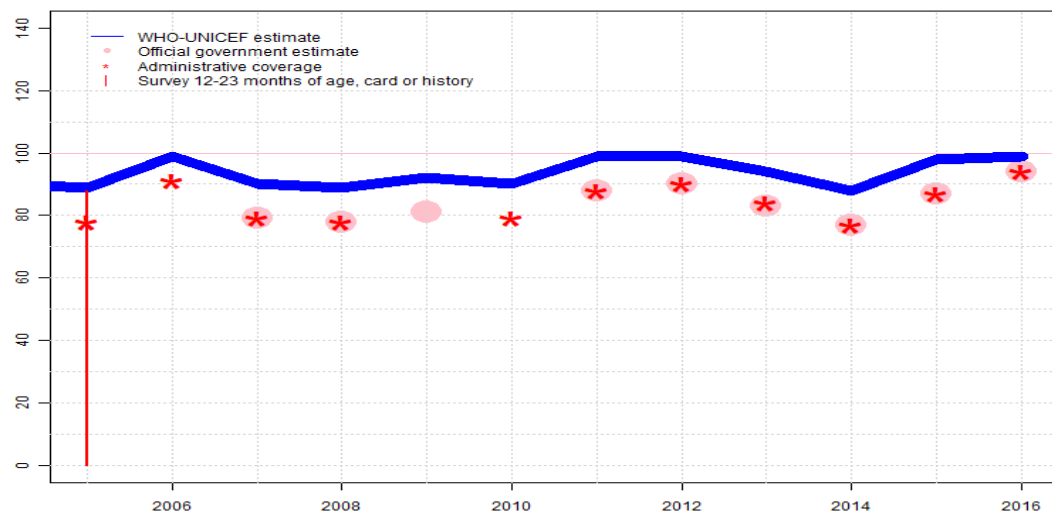
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - DTP3

SLB - DTP3



Description:

2016: Reported data calibrated to 2005 levels. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: R-

2015: Reported data calibrated to 2005 levels. Estimate challenged by: R-

2014: Reported data calibrated to 2005 levels. Estimate challenged by: R-

2013: Reported data calibrated to 2005 levels. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. Estimate challenged by: R-

2012: Reported data calibrated to 2005 levels. Estimate challenged by: R-

2011: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2010: Reported data calibrated to 2005 levels. Estimate challenged by: R-

2009: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-

2008: Reported data calibrated to 2005 levels. Estimate challenged by: R-

2007: Reported data calibrated to 2005 levels. Estimate challenged by: R-

2006: Reported data calibrated to 2005 levels. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-R-S-

2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 89 percent based on 1 survey(s). Solomon Islands Demographic and Health Survey 2006-07 card or history results of 88 percent modified for recall bias to 89 percent based on 1st dose card or history coverage of 93 percent, 1st dose card only coverage of 84 percent and 3d dose card only coverage of 80 percent. Estimate challenged by: R-

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	89	99	90	89	92	90	99	99	94	88	98	99
Estimate GoC	●	●	●	●	●	●	●	●	●	●	●	●
Official	NA	NA	79	78	81	NA	88	90	83	77	87	94
Administrative	78	91	79	78	NA	79	88	90	84	77	87	94
Survey	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

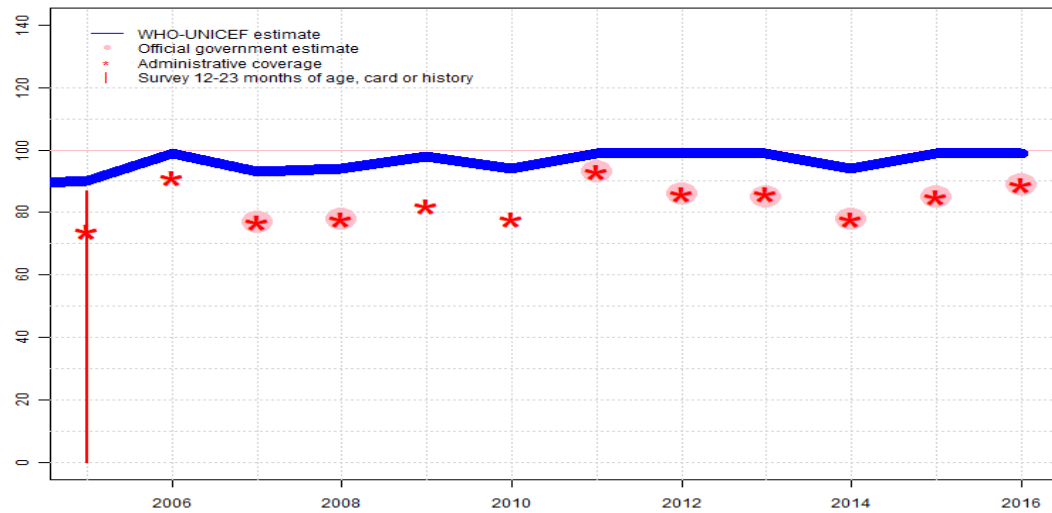
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - Pol3

SLB - Pol3



Description:

- 2016: Reported data calibrated to 2005 levels. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: R-
- 2015: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2014: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
- 2013: Reported data calibrated to 2005 levels. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. Estimate challenged by: D-R-
- 2012: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
- 2011: Reported data calibrated to 2005 levels. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-R-
- 2010: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2009: Reported data calibrated to 2005 levels. Estimate challenged by: R-
- 2008: Reported data calibrated to 2005 levels. Vaccine stock out 1 month. Estimate challenged by: D-R-
- 2007: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
- 2006: Reported data calibrated to 2005 levels. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-R-S-
- 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 90 percent based on 1 survey(s). Solomon Islands Demographic and Health Survey 2006-07 card or history results of 87 percent modified for recall bias to 90 percent based on 1st dose card or history coverage of 94 percent, 1st dose card only coverage of 84 percent and 3d dose card only coverage of 80 percent. Estimate challenged by: D-R-

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	90	99	93	94	98	94	99	99	99	94	99	99
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	NA	NA	77	78	NA	NA	93	86	85	78	85	89
Administrative	74	91	77	78	82	78	93	86	86	78	85	89
Survey	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

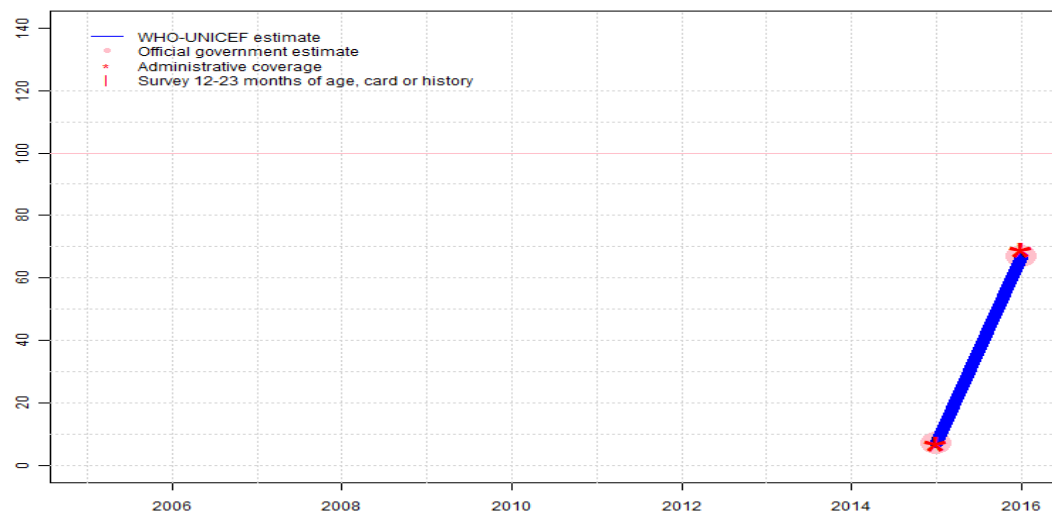
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - IPV1

SLB - IPV1



Description:

- 2016: Estimate based on coverage reported by national government. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate based on reported data. IPV introduced in 2015. GoC=R+ D+
- 2015: Estimate based on coverage reported by national government. IPV introduced in 4th quarter of 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	7	67
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	••	••
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7	67
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7	69
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

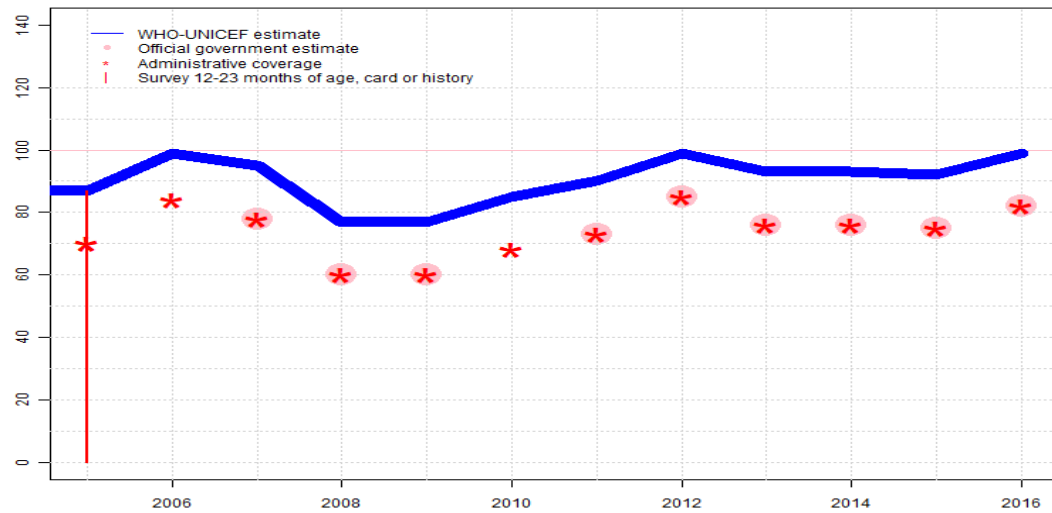
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - MCV1

SLB - MCV1



Description:

2016: Reported data calibrated to 2005 levels. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: R-
 2015: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
 2014: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
 2013: Reported data calibrated to 2005 levels. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. Estimate challenged by: D-R-
 2012: Reported data calibrated to 2005 levels. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-R-
 2011: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
 2010: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
 2009: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
 2008: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
 2007: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-
 2006: Reported data calibrated to 2005 levels. Estimate challenged by: D-R-S-
 2005: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 87 percent based on 1 survey(s). Estimate challenged by: D-R-

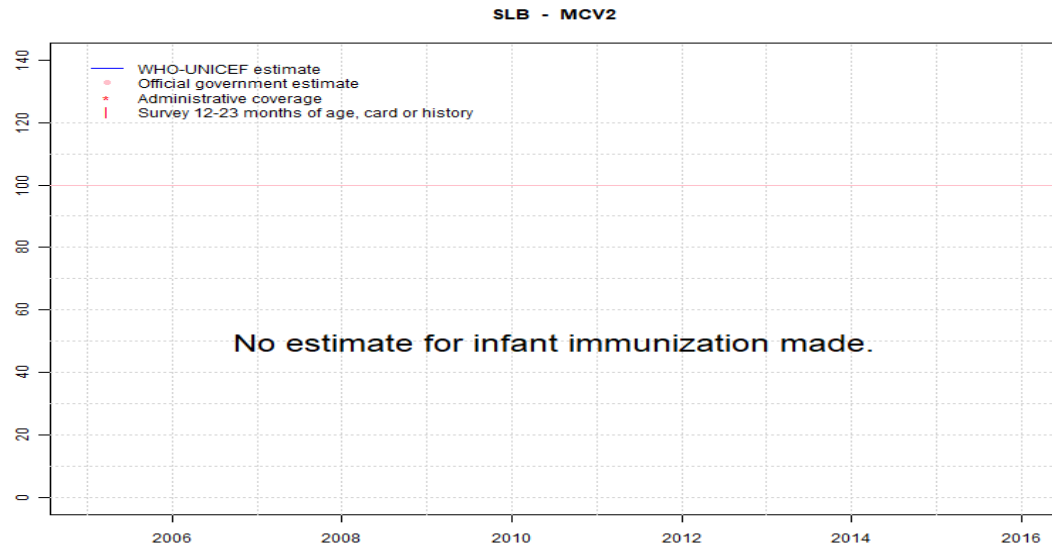
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	87	99	95	77	77	85	90	99	93	93	92	99
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	NA	NA	78	60	60	NA	73	85	76	76	75	82
Administrative	70	84	78	60	60	68	73	85	76	76	75	82
Survey	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

Solomon Islands - 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

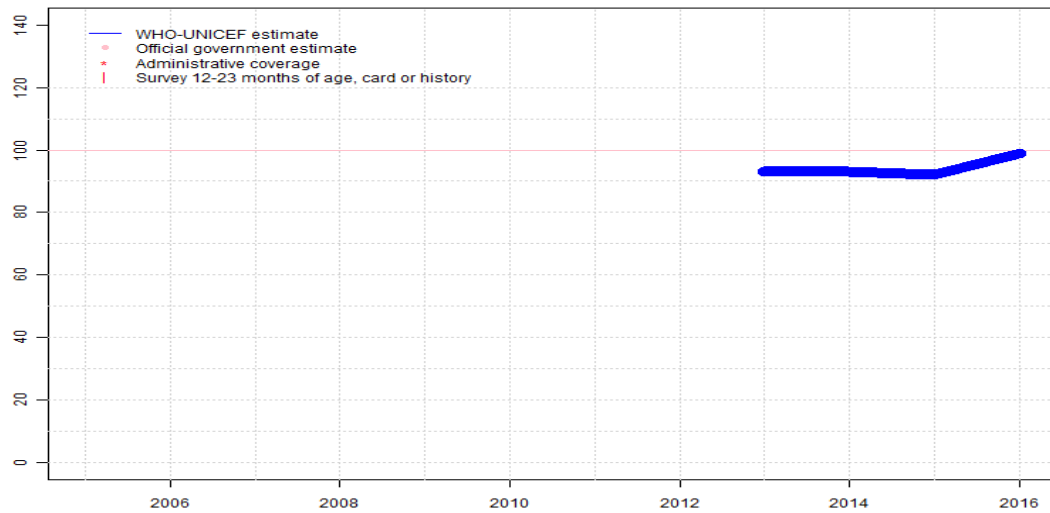
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

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.

Solomon Islands - RCV1

SLB - RCV1



Description:

For this revision, coverage estimates for the first dose of rubella containing vaccine are based on WHO and UNICEF estimates of coverage of measles containing vaccine. Nationally reported coverage of rubella containing vaccine is not taken into consideration nor are they represented in the the accompanying graph and data table.

- 2016: Estimate based on estimated MCV1. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: R-
- 2015: Estimate based on estimated MCV1. Estimate challenged by: D-R-
- 2014: Estimate based on estimated MCV1. Estimate challenged by: D-R-
- 2013: Estimate based on estimated MCV1. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. Estimate challenged by: D-R-

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	93	93	92	99
Estimate GoC	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

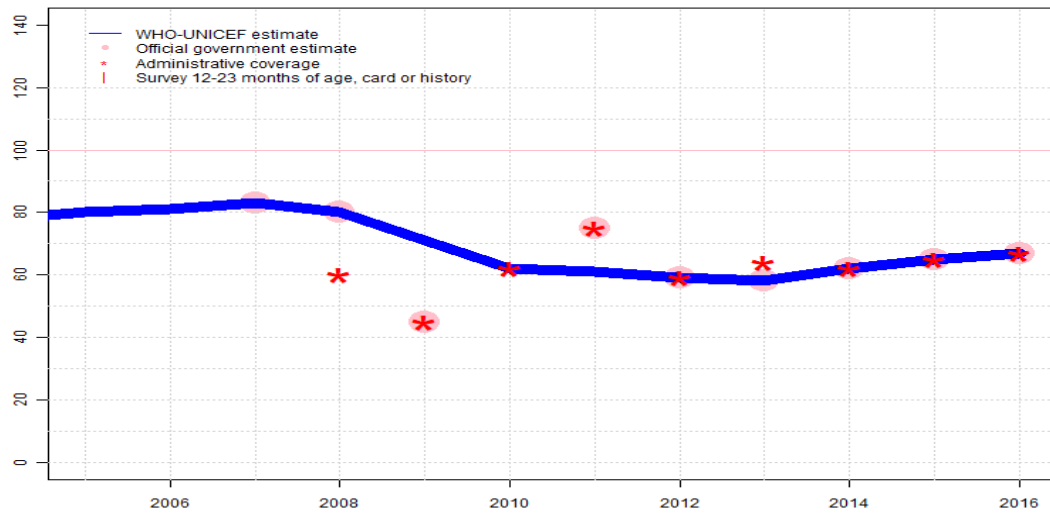
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - HepBB

SLB - HepBB



Description:

- 2016: Estimate based on coverage reported by national government. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey 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. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. GoC=R+ D+
- 2011: Estimate based on interpolation between reported values. Reported data excluded due to an unexplained increase from 62 percent to 75 percent with decrease 59 percent. GoC=R+ D+
- 2010: Estimate based on reported administrative estimate. GoC=R+ D+
- 2009: Estimate based on interpolation between reported values. Reported data excluded due to decline in reported coverage from 80 percent to 45 percent with increase to 62 percent. Estimate challenged by: D-
- 2008: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. GoC=R+
- 2006: Estimate based on interpolation between reported values. GoC=No accepted empirical data
- 2005: Estimate based on interpolation between reported values. GoC=No accepted empirical data

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	80	81	83	80	71	62	61	59	58	62	65	67
Estimate GoC	•	•	••	•	•	••	••	••	••	••	••	••
Official	NA	NA	83	80	45	NA	75	59	58	62	65	67
Administrative	NA	NA	NA	60	45	62	75	59	64	62	65	67
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

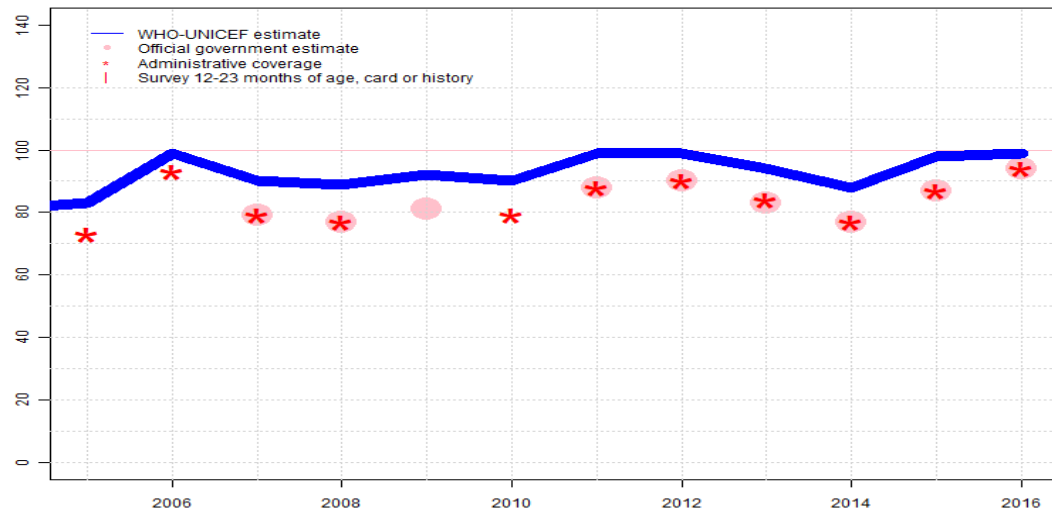
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - HepB3

SLB - HepB3



Description:

- 2016: Reported data calibrated to 2014 levels. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: R-
- 2015: Reported data calibrated to 2014 levels. Estimate challenged by: R-
- 2014: Estimate of 88 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: R-
- 2013: Estimate of 94 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. Estimate challenged by: R-
- 2012: Estimate of 99 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: R-
- 2011: Estimate of 99 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: D-R-
- 2010: Estimate of 90 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: R-
- 2009: Estimate of 92 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: D-R-
- 2008: Estimate of 89 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Vaccine stock out for 3 months. Estimate challenged by: R-
- 2007: Reported data calibrated to 2005 and 2008 levels. Estimate challenged by: R-
- 2006: Reported data calibrated to 2005 and 2008 levels. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-R-
- 2005: Estimate of 83 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: R-

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	83	99	90	89	92	90	99	99	94	88	98	99
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	NA	NA	79	77	81	NA	88	90	83	77	87	94
Administrative	73	93	79	77	NA	79	88	90	84	77	87	94
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

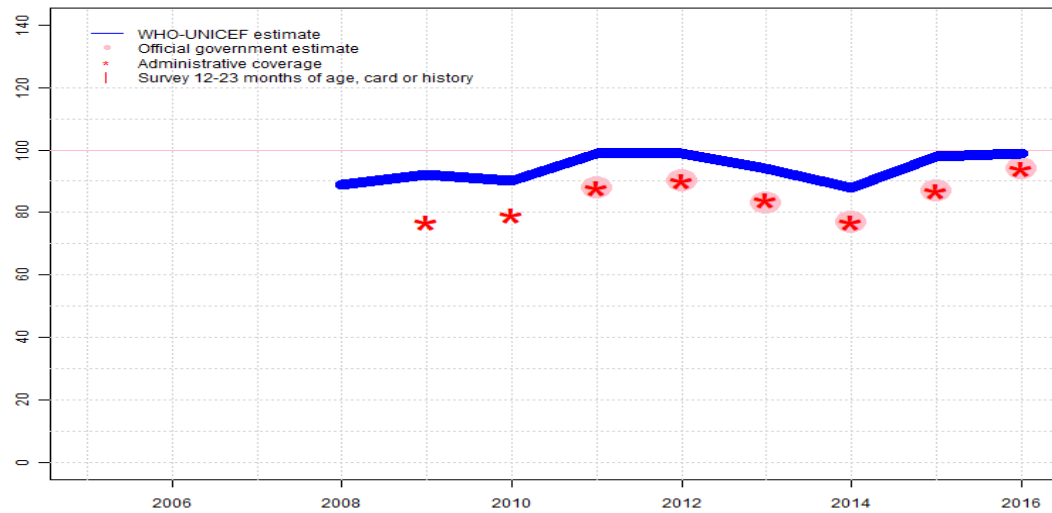
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - Hib3

SLB - Hib3



Description:

- 2016: Reported data calibrated to 2014 levels. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: R-
- 2015: Reported data calibrated to 2014 levels. Estimate challenged by: R-
- 2014: Estimate of 88 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: R-
- 2013: Estimate of 94 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Coverage levels in 2013 declined slightly compared to 2012 following a reduction in activity at the provincial as a result of a suspension in funds to programs and other activities. Estimate challenged by: R-
- 2012: Estimate of 99 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: R-
- 2011: Estimate of 99 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: D-R-
- 2010: Estimate of 90 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: R-
- 2009: Estimate of 92 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Hib vaccine introduced in 2008. Reporting started in 2009. Vaccine presentation is DTP-HepB-Hib. Estimate challenged by: D-R-
- 2008: Estimate of 89 percent assigned by working group. Estimate is based on third dose of DTP containing vaccine. Estimate challenged by: D-

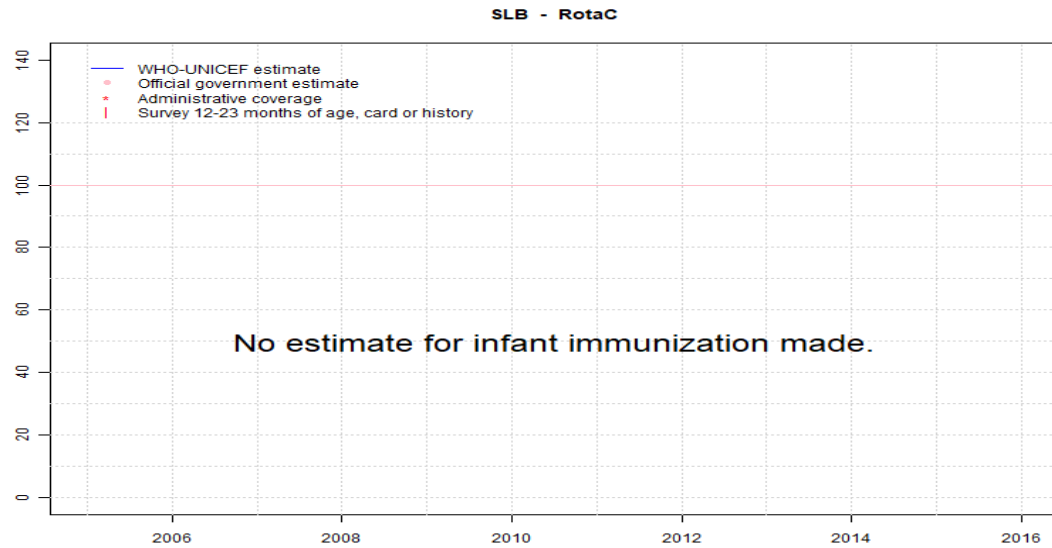
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Estimate	NA	NA	NA	89	92	90	99	99	94	88	98	99
Estimate GoC	NA	NA	NA	•	•	•	•	•	•	•	•	•
Official	NA	NA	NA	NA	NA	NA	88	90	83	77	87	94
Administrative	NA	NA	NA	NA	77	79	88	90	84	77	87	94
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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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Solomon Islands - RotaC



	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

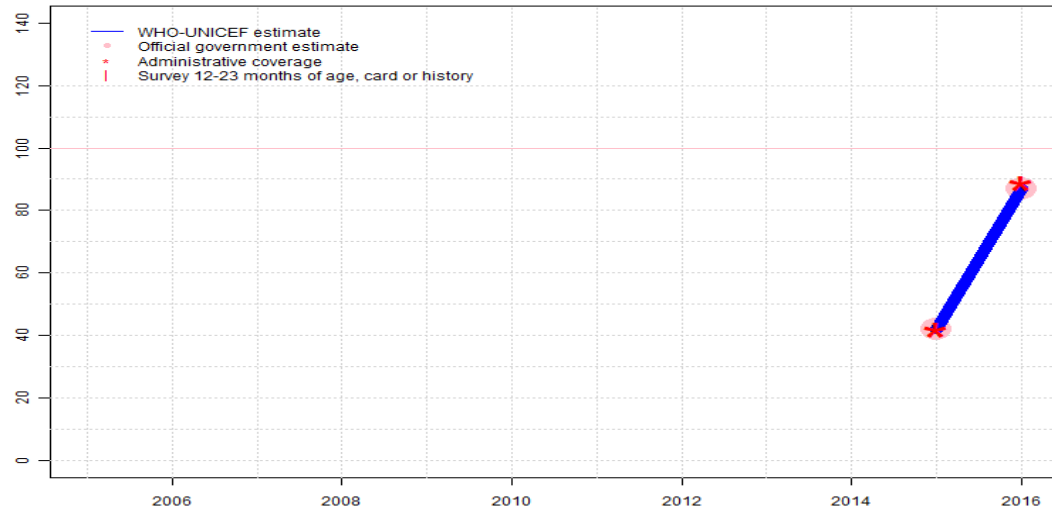
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Solomon Islands - PcV3

SLB - PcV3



Description:

- 2016: Estimate based on coverage reported by national government. Programme notes that reported coverage is based on partial reporting. WHO and UNICEF are aware of efforts to conduct a national multi-indicator coverage survey and await the final results. Estimate challenged by: D-
- 2015: Estimate based on coverage reported by national government. Pneumococcal conjugate vaccine introduced in January 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	42	87
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	●●	●
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42	87
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42	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.

Solomon Islands - survey details

2005 Solomon Islands Demographic and Health Survey 2006-07

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	96	12-23 m	535	86
BCG	Card	85	12-23 m	457	86
BCG	Card or History	96	12-23 m	535	86
BCG	History	10	12-23 m	78	86
DTP1	C or H <12 months	93	12-23 m	535	86
DTP1	Card	84	12-23 m	457	86
DTP1	Card or History	93	12-23 m	535	86
DTP1	History	9	12-23 m	78	86
DTP3	C or H <12 months	87	12-23 m	535	86
DTP3	Card	80	12-23 m	457	86
DTP3	Card or History	88	12-23 m	535	86
DTP3	History	8	12-23 m	78	86
MCV1	C or H <12 months	81	12-23 m	535	86
MCV1	Card	78	12-23 m	457	86
MCV1	Card or History	87	12-23 m	535	86
MCV1	History	9	12-23 m	78	86
Pol1	C or H <12 months	94	12-23 m	535	86
Pol1	Card	84	12-23 m	457	86
Pol1	Card or History	94	12-23 m	535	86
Pol1	History	10	12-23 m	78	86
Pol3	C or H <12 months	86	12-23 m	535	86
Pol3	Card	80	12-23 m	457	86
Pol3	Card or History	87	12-23 m	535	86
Pol3	History	8	12-23 m	78	86

2004 Solomon Islands Demographic and Health Survey 2006-07

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

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	93	24-35 m	533	86
DTP1	C or H <12 months	90	24-35 m	533	86
DTP3	C or H <12 months	80	24-35 m	533	86
MCV1	C or H <12 months	68	24-35 m	533	86
Pol1	C or H <12 months	92	24-35 m	533	86
Pol3	C or H <12 months	81	24-35 m	533	86

2003 Solomon Islands Demographic and Health Survey 2006-07

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	91	36-47 m	515	86
DTP1	C or H <12 months	89	36-47 m	515	86
DTP3	C or H <12 months	81	36-47 m	515	86
MCV1	C or H <12 months	72	36-47 m	515	86
Pol1	C or H <12 months	89	36-47 m	515	86
Pol3	C or H <12 months	80	36-47 m	515	86

2002 Solomon Islands Demographic and Health Survey 2006-07

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	88	48-59 m	477	86
DTP1	C or H <12 months	86	48-59 m	477	86
DTP3	C or H <12 months	72	48-59 m	477	86
MCV1	C or H <12 months	63	48-59 m	477	86
Pol1	C or H <12 months	86	48-59 m	477	86
Pol3	C or H <12 months	74	48-59 m	477	86