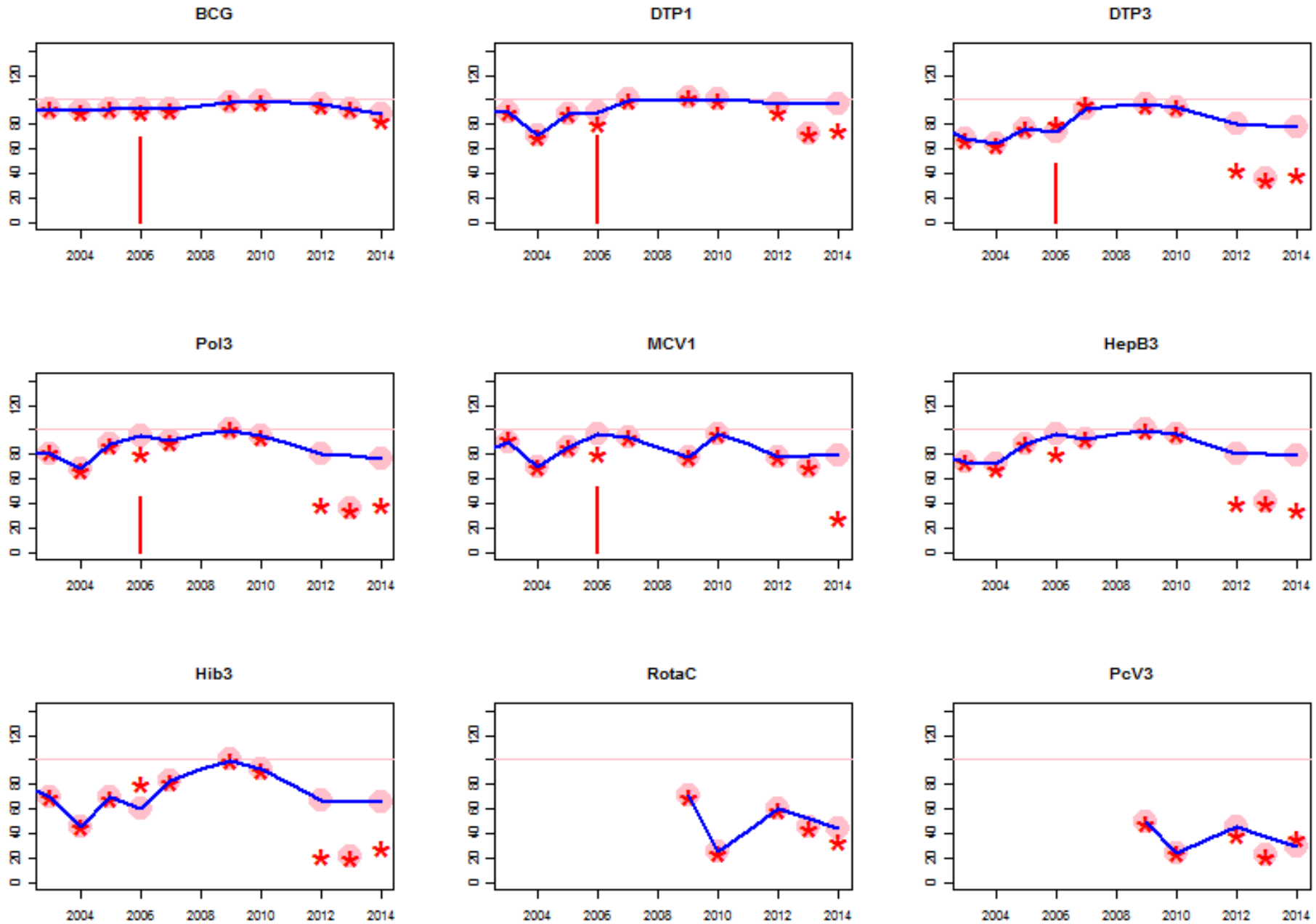
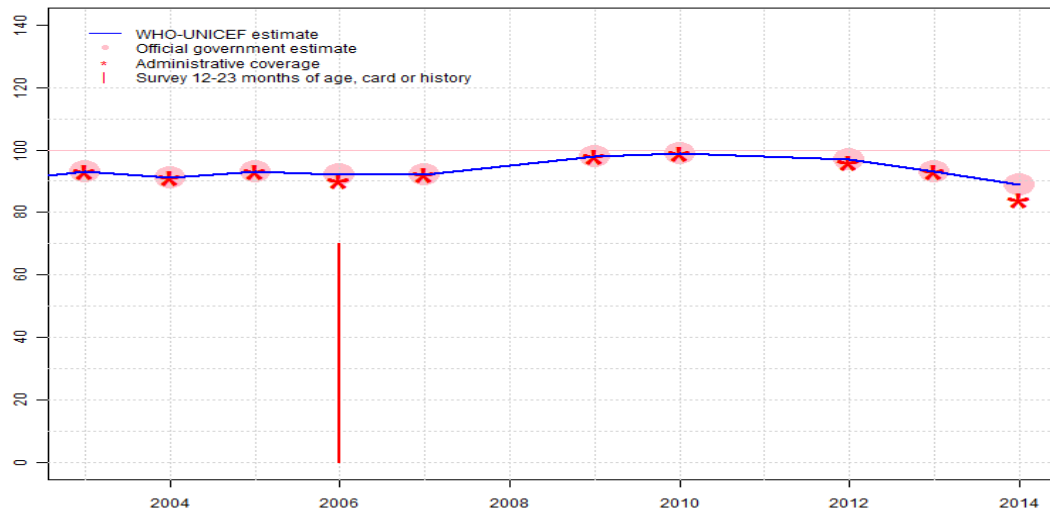


Marshall Islands: WHO and UNICEF estimates of immunization coverage: 2014 revision



Marshall Islands - BCG

MHL - BCG



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	93	91	93	92	92	95	98	99	98	97	93	89
Estimate GoC	•	•	•	•	•	•	•	••	•	•	••	•
Official	93	91	93	92	92	NA	98	99	NA	97	93	89
Administrative	93	91	93	90	92	NA	98	99	NA	96	93	84
Survey	NA	NA	NA	70	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: 2012 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.

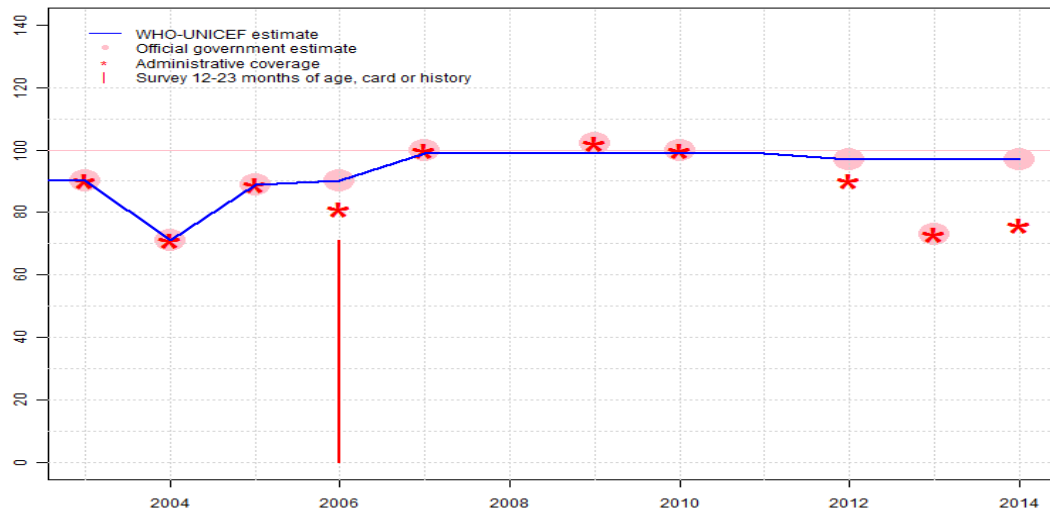
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. Survey results ignored. Sample size 249 less than 300. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2008: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=R+ D+
- 2011: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between data reported by national government. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Fluctuation in reported data is attributed to small birth cohort. GoC=R+ D+
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

Marshall Islands - DTP1

MHL - DTP1



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	90	71	89	90	99	99	99	99	99	97	97	97
Estimate GoC	•	•	•	•	•	•	•	•	•	•	••	••
Official	90	71	89	90	100	NA	102	100	NA	97	73	97
Administrative	90	71	89	81	100	NA	102	100	NA	90	73	76
Survey	NA	NA	NA	71	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: 2012 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:

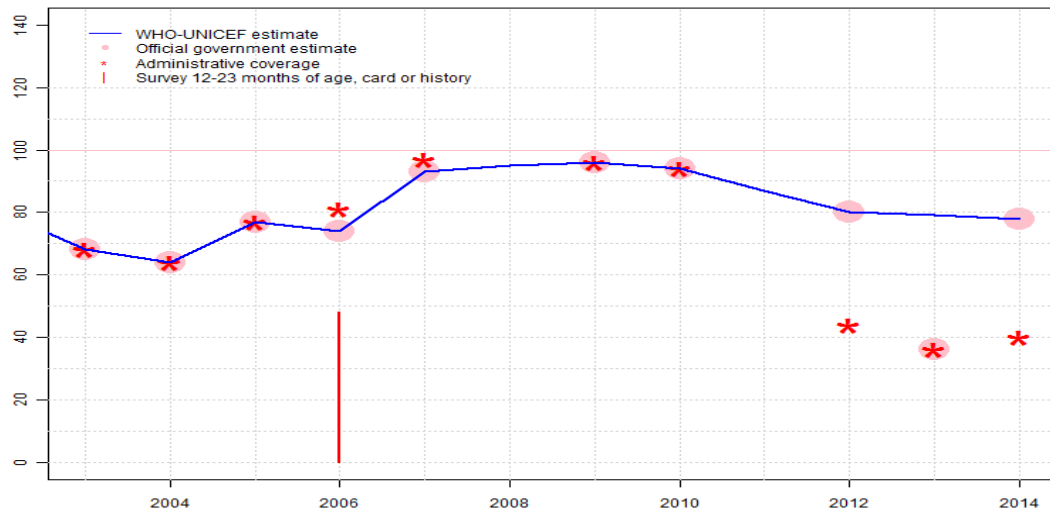
- 2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. Survey results ignored. Sample size 249 less than 300. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2008: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2011: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between data reported by national government. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Fluctuation in reported data is attributed to small birth cohort. Estimate of 97 percent changed from previous revision value of 73 percent. GoC=D+
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort.

Marshall Islands - DTP1

GoC=R+ D+

Marshall Islands - DTP3

MHL - DTP3



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	68	64	77	74	93	95	96	94	87	80	79	78
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	68	64	77	74	93	NA	96	94	NA	80	36	78
Administrative	68	64	77	81	97	NA	96	94	NA	44	36	40
Survey	NA	NA	NA	48	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: 2012 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:

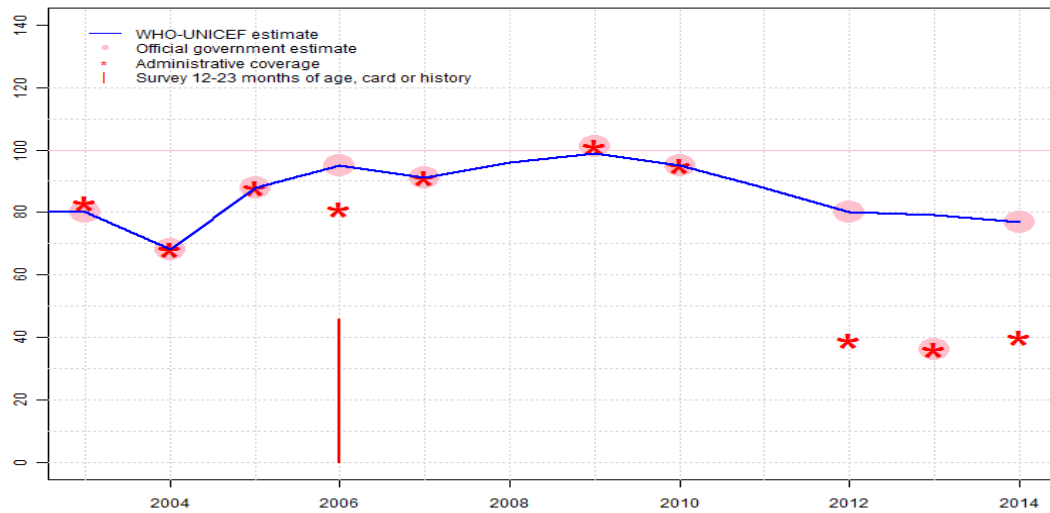
- 2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. Survey results ignored. Sample size 249 less than 300. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2008: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2011: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between data reported by national government. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Fluctuation in reported data is attributed to small birth cohort. Estimate of 79 percent changed from previous revision value of 36 percent. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort.

Marshall Islands - DTP3

Estimate challenged by: D-

Marshall Islands - Pol3

MHL - Pol3



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	80	68	88	95	91	96	99	95	88	80	79	77
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	80	68	88	95	91	NA	101	95	NA	80	36	77
Administrative	83	68	88	81	91	NA	101	95	NA	39	36	40
Survey	NA	NA	NA	46	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: 2012 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:

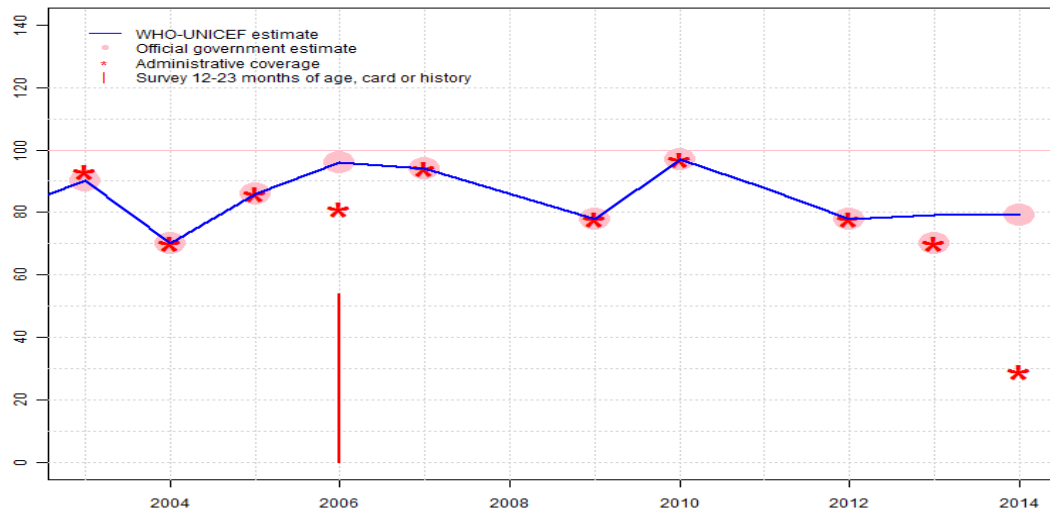
- 2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. Survey results ignored. Sample size 249 less than 300. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2008: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2011: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between data reported by national government. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Programme reports stockout in 3 districts. Fluctuation in reported data is attributed to small birth cohort. Estimate of 79 percent changed from previous revision value of 36 percent. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of

Marshall Islands - Pol3

coverage. Fluctuation in reported data is attributed to small birth cohort.
Estimate challenged by: D-

Marshall Islands - MCV1

MHL - MCV1



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	90	70	86	96	94	86	78	97	88	78	79	79
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	90	70	86	96	94	NA	78	97	NA	78	70	79
Administrative	93	70	86	81	94	NA	78	97	NA	78	70	29
Survey	NA	NA	NA	54	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: 2012 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:

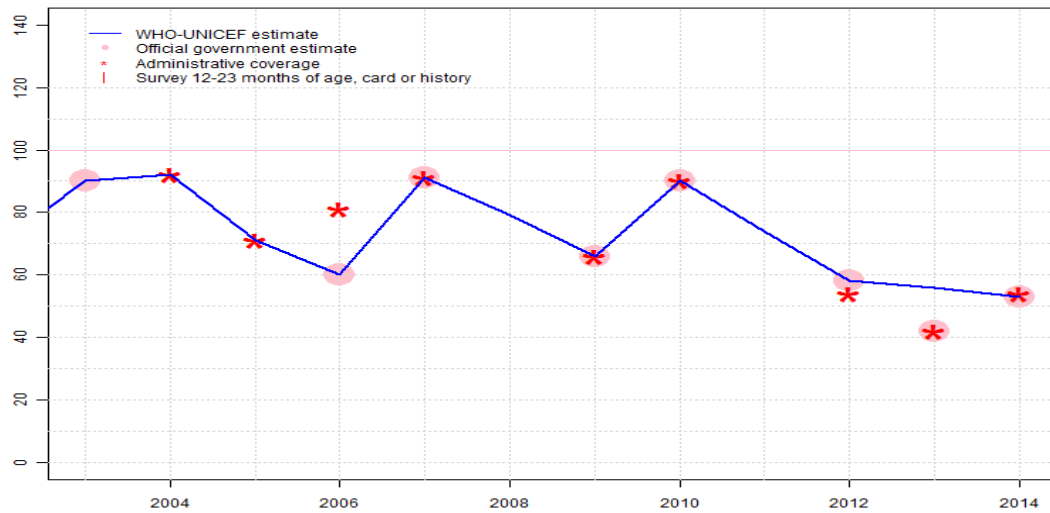
- 2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. Survey results ignored. Sample size 249 less than 300. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2008: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2011: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between data reported by national government. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Fluctuation in reported data is attributed to small birth cohort. Estimate of 79 percent changed from previous revision value of 70 percent. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort.

Marshall Islands - MCV1

Estimate challenged by: D-

Marshall Islands - MCV2

MHL - MCV2



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	90	92	71	60	91	79	66	90	74	58	56	53
Estimate GoC	••	••	•	•	•	•	•	•	•	•	••	•
Official	90	NA	NA	60	91	NA	66	90	NA	58	42	53
Administrative	NA	92	71	81	91	NA	66	90	NA	54	42	54
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: 2012 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:

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

2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=R+

2004: Estimate based on reported administrative estimate. Fluctuation in reported data is attributed to small birth cohort. GoC=R+

2005: Estimate based on reported administrative estimate. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2006: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2008: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data

2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2011: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data

2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2013: Estimate based on interpolation between reported values. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Fluctuation in reported data is attributed to small birth cohort. Estimate of 56 percent changed from previous revision value of 42 percent. GoC=D+

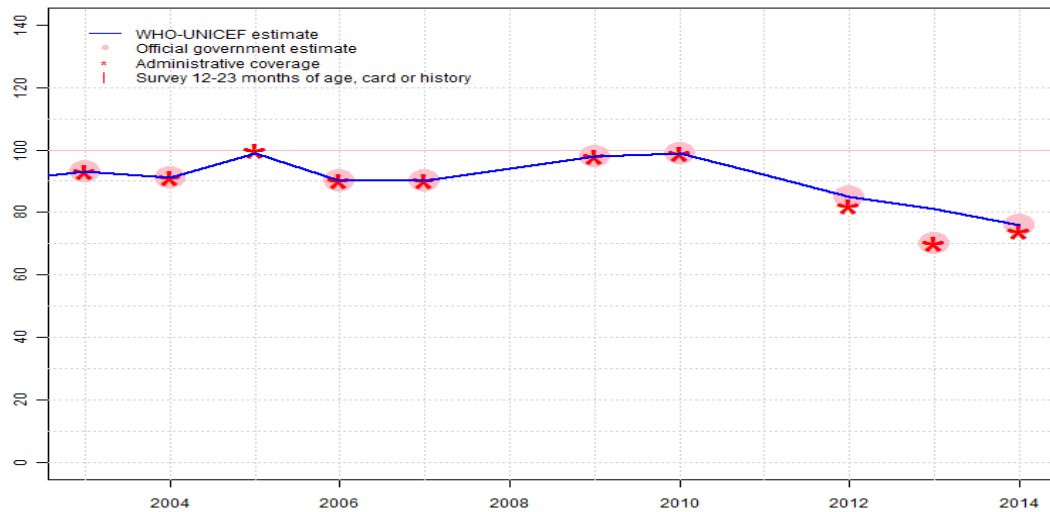
2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort.

Marshall Islands - MCV2

Estimate challenged by: D-

Marshall Islands - HepBB

MHL - HepBB



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	93	91	99	90	90	94	98	99	92	85	81	76
Estimate GoC	•	•	•	•	•	•	•	••	•	•	•	••
Official	93	91	NA	90	90	NA	98	99	NA	85	70	76
Administrative	93	91	100	90	90	NA	98	99	NA	82	70	74
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: 2012 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.

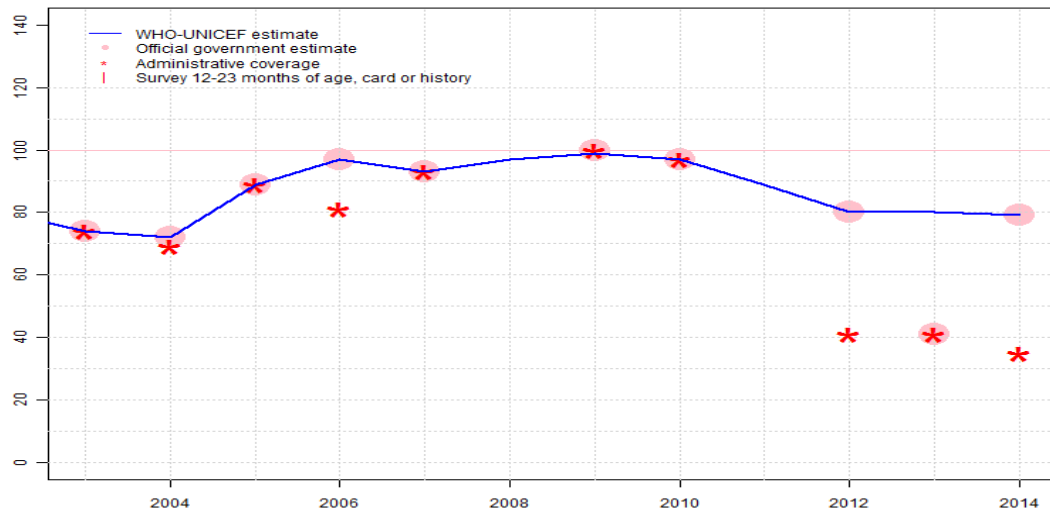
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2005: Estimate based on reported administrative estimate. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2008: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=R+ D+
- 2011: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between reported values. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Fluctuation in reported data is attributed to small birth cohort. Estimate of 81 percent changed from previous revision value of 70 percent. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort. GoC=R+ D+

Marshall Islands - HepB3

MHL - HepB3



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	74	72	89	97	93	97	99	97	89	80	80	79
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	74	72	89	97	93	NA	100	97	NA	80	41	79
Administrative	74	69	89	81	93	NA	100	97	NA	41	41	35
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: 2012 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:

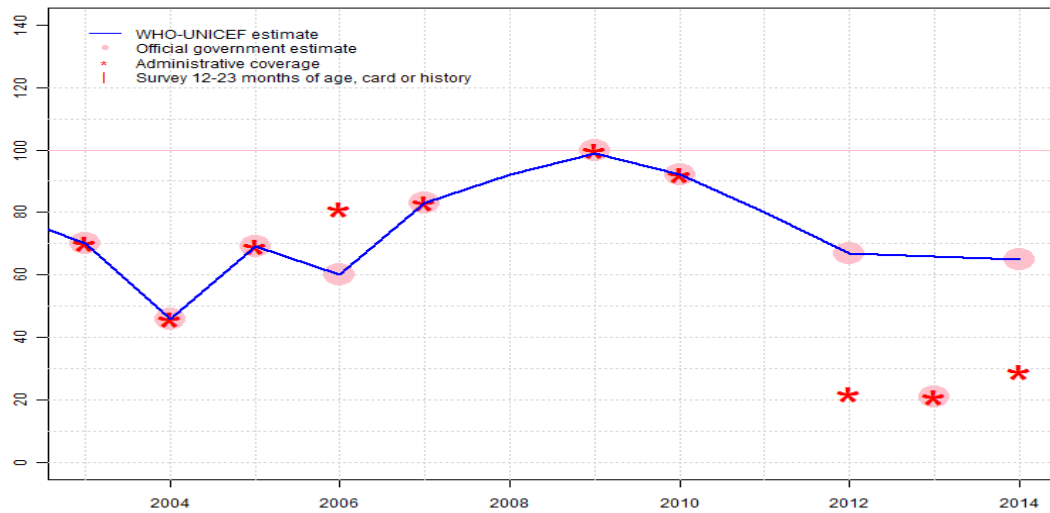
- 2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2008: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2011: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between data reported by national government. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Fluctuation in reported data is attributed to small birth cohort. Estimate of 80 percent changed from previous revision value of 41 percent. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort.

Marshall Islands - HepB3

Estimate challenged by: D-

Marshall Islands - Hib3

MHL - Hib3



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	70	46	69	60	83	92	99	92	80	67	66	65
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	70	46	69	60	83	NA	100	92	NA	67	21	65
Administrative	70	46	69	81	83	NA	100	92	NA	22	21	29
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: 2012 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:

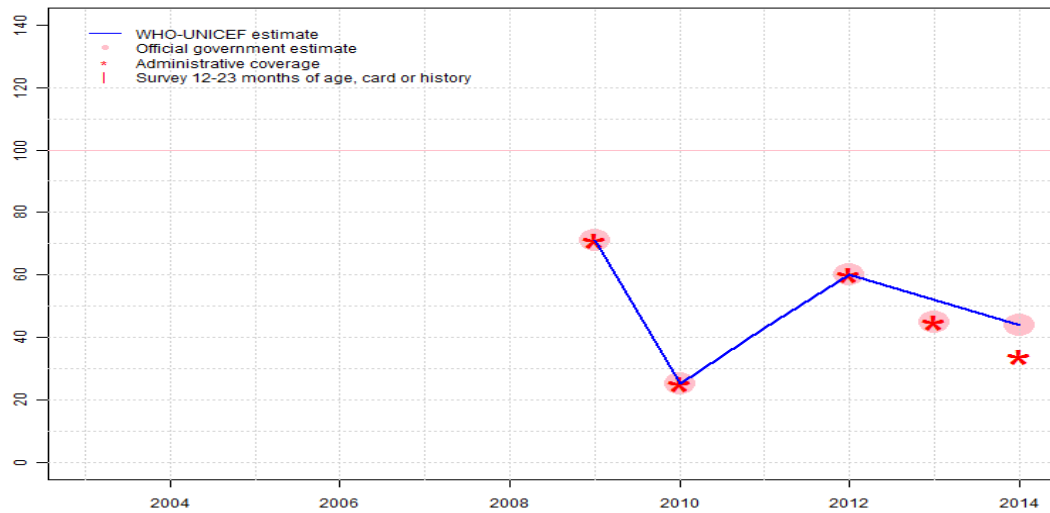
- 2003: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2008: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2009: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2011: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between reported values. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Programme reports stockout in 7 districts. Fluctuation in reported data is attributed to small birth cohort. Estimate of 66 percent changed from previous revision value of 21 percent. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of

Marshall Islands - Hib3

coverage. Fluctuation in reported data is attributed to small birth cohort.
Estimate challenged by: D-

Marshall Islands - RotaC

MHL - RotaC



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	NA	NA	NA	NA	NA	NA	71	25	43	60	52	44
Estimate GoC	NA	NA	NA	NA	NA	NA	•	•	•	•	•	•
Official	NA	NA	NA	NA	NA	NA	71	25	NA	60	45	44
Administrative	NA	NA	NA	NA	NA	NA	71	25	NA	60	45	34
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: 2012 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.

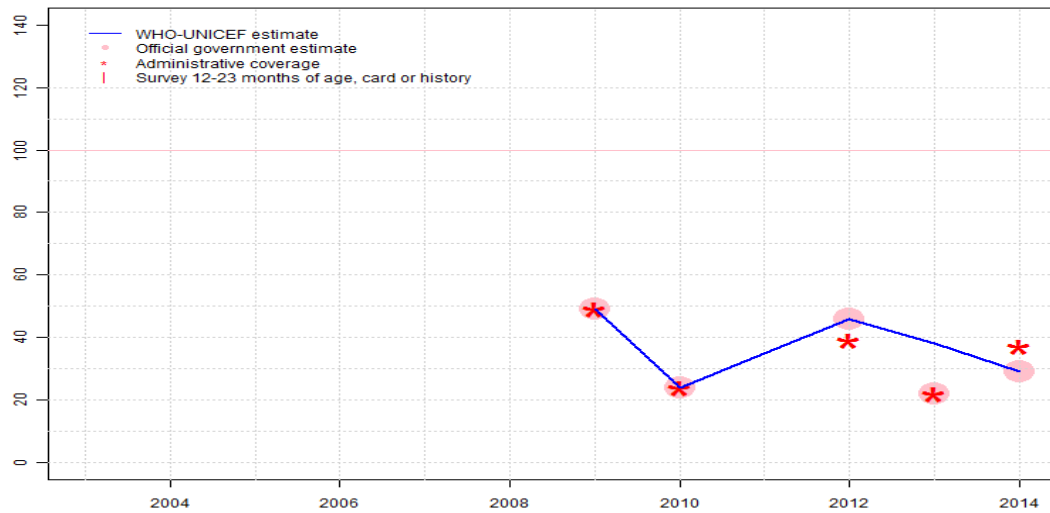
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2009: Estimate based on coverage reported by national government. Rotavirus vaccine introduced in 2009. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2011: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2013: Estimate based on interpolation between reported values. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Programme reports stockout in 1 districts. Fluctuation in reported data is attributed to small birth cohort. Estimate of 52 percent changed from previous revision value of 45 percent. Estimate challenged by: D-
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort. GoC=Assigned by working group. Consistency with other vaccines.

Marshall Islands - PcV3

MHL - PcV3



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Estimate	NA	NA	NA	NA	NA	NA	49	24	35	46	38	29
Estimate GoC	NA	NA	NA	NA	NA	NA	•	•	•	•	•	•
Official	NA	NA	NA	NA	NA	NA	49	24	NA	46	22	29
Administrative	NA	NA	NA	NA	NA	NA	49	24	NA	39	22	37
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: 2012 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:

- 2009: Estimate based on coverage reported by national government. Pneumococcal conjugate vaccine introduced in 2009. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-
- 2011: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=Assigned by working group. Consistency with other vaccines.
- 2013: Estimate based on interpolation between reported values. Reported data excluded. For the 2012 and 2014 birth cohorts, the official government estimate is adjusted from the administrative data. In 2013, the official government estimate is unexplained and suggests an inconsistent and unexplained trend. Programme reports stockout in 6 districts. Fluctuation in reported data is attributed to small birth cohort. Estimate of 38 percent changed from previous revision value of 22 percent. GoC=Assigned by working group. Consistency with other vaccines.
- 2014: Estimate based on coverage reported by national government. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

Marshall Islands - survey details

2006 Marshall Islands Demographic and Health Survey 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	67	12-23 m	249	75
BCG	Card	70	12-23 m	187	75
BCG	Card or History	70	12-23 m	249	75
BCG	History	0	12-23 m	62	75
DTP1	C or H <12 months	65	12-23 m	249	75
DTP1	Card	71	12-23 m	187	75
DTP1	Card or History	71	12-23 m	249	75
DTP1	History	0	12-23 m	62	75
DTP3	C or H <12 months	38	12-23 m	249	75
DTP3	Card	48	12-23 m	187	75
DTP3	Card or History	48	12-23 m	249	75
DTP3	History	0	12-23 m	62	75
MCV1	C or H <12 months	6	12-23 m	249	75
MCV1	Card	54	12-23 m	187	75
MCV1	Card or History	54	12-23 m	249	75
MCV1	History	0	12-23 m	62	75
Pol1	C or H <12 months	67	12-23 m	249	75
Pol1	Card	70	12-23 m	187	75
Pol1	Card or History	70	12-23 m	249	75
Pol1	History	0	12-23 m	62	75
Pol3	C or H <12 months	36	12-23 m	249	75
Pol3	Card	46	12-23 m	187	75
Pol3	Card or History	46	12-23 m	249	75
Pol3	History	0	12-23 m	62	75

2005 Marshall Islands Demographic and Health Survey 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	61	24-35 m	207	75
DTP1	C or H <12 months	62	24-35 m	207	75
DTP3	C or H <12 months	32	24-35 m	207	75
MCV1	C or H <12 months	3	24-35 m	207	75
Pol1	C or H <12 months	60	24-35 m	207	75
Pol3	C or H <12 months	33	24-35 m	207	75

2004 2006 RMI Community Survey

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	82	0-24 m	115	49
DTP3	Card	65	0-24 m	115	49
HepB3	Card	86	0-24 m	115	49
Hib3	Card	84	0-24 m	115	49
MCV1	Card	81	0-24 m	115	49
Pol3	Card	72	0-24 m	115	49

2004 Marshall Islands Demographic and Health Survey 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	61	36-47 m	214	75
DTP1	C or H <12 months	54	36-47 m	214	75
DTP3	C or H <12 months	32	36-47 m	214	75
MCV1	C or H <12 months	3	36-47 m	214	75
Pol1	C or H <12 months	54	36-47 m	214	75
Pol3	C or H <12 months	30	36-47 m	214	75

2003 Marshall Islands Demographic and Health Survey 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	47	48-59 m	214	75
DTP1	C or H <12 months	42	48-59 m	214	75
DTP3	C or H <12 months	17	48-59 m	214	75
MCV1	C or H <12 months	13	48-59 m	214	75
Pol1	C or H <12 months	49	48-59 m	214	75
Pol3	C or H <12 months	21	48-59 m	214	75

1999 Marshall Islands Immunization Survey 2001

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	77	12-23 m	-	-
DTP3	Card	82	12-23 m	-	-

Marshall Islands - survey details

HepB3	Card	67	12-23 m	-	-	Pol3	Card	80	12-23 m	-	-
MCV1	Card	80	12-23 m	-	-						

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