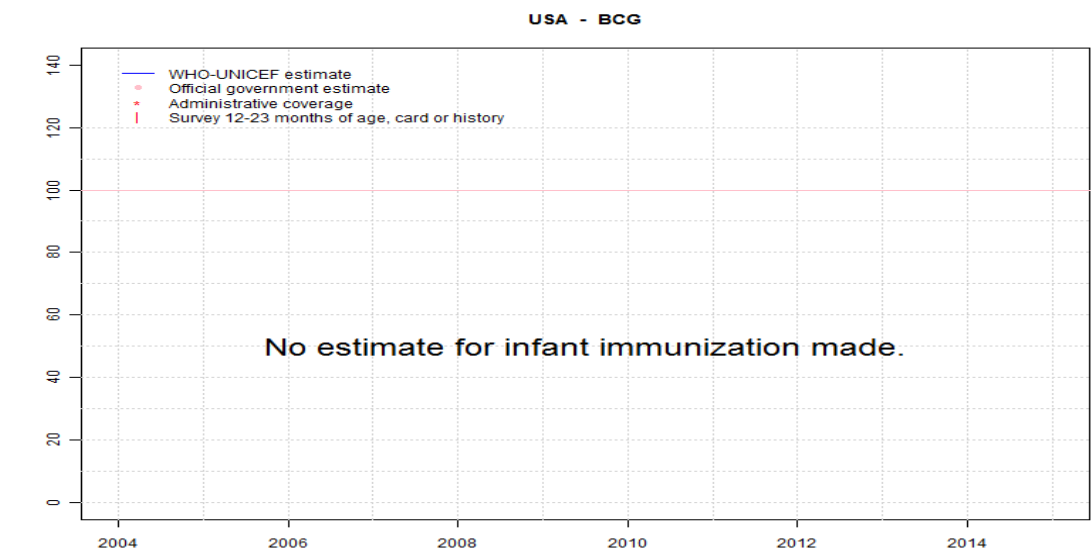


United States of America - BCG



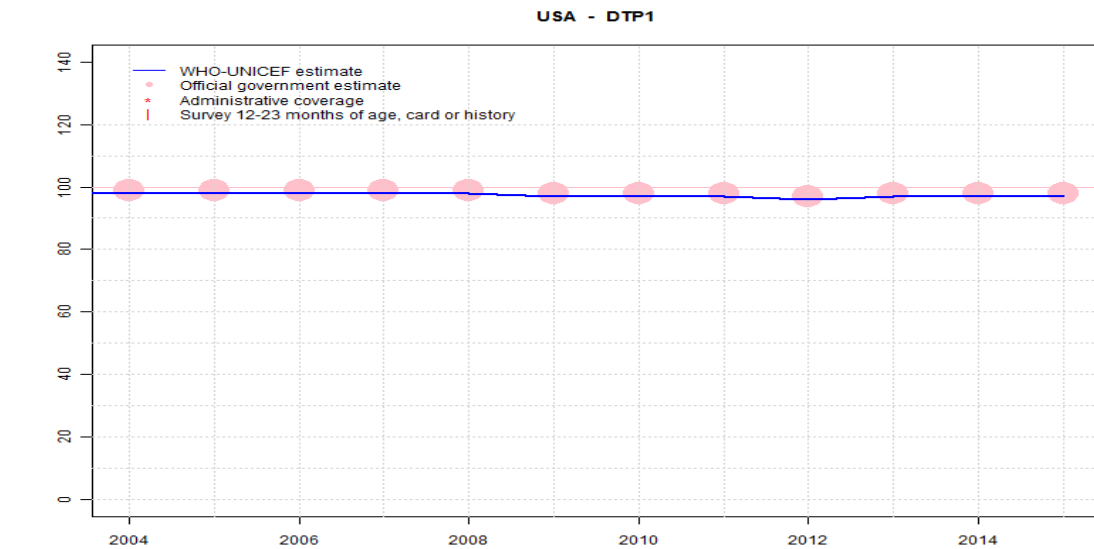
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

United States of America - DTP1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	98	98	98	98	98	97	97	97	96	97	97	97
Estimate GoC	●	●	●	●	●	●	●	●	●	●	●	●
Official	99	99	99	99	99	98	98	98	97	98	98	98
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.

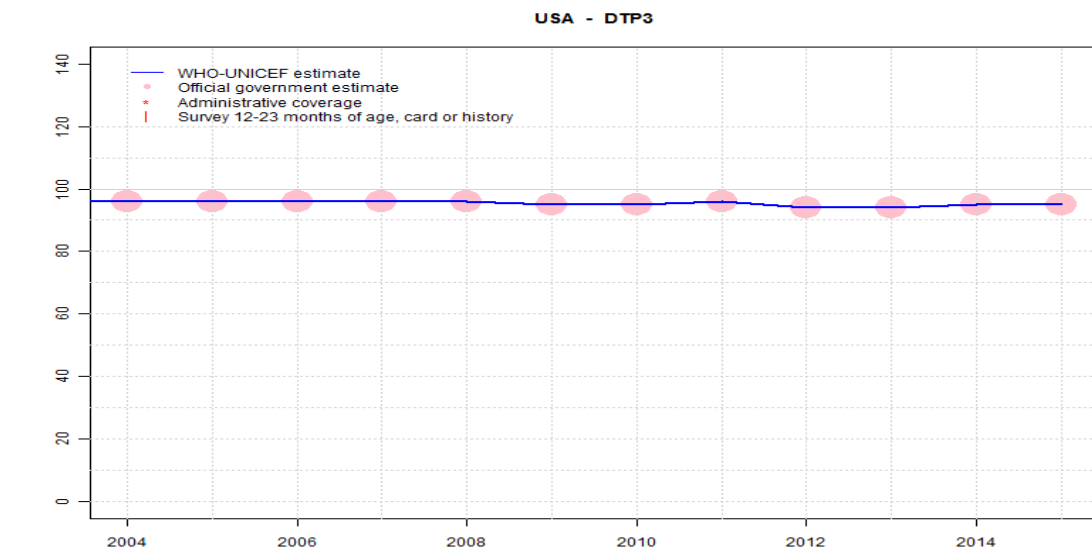
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

Description:

- 2004: Reported data calibrated to 2000 levels. Estimate of 98 percent changed from previous revision value of 99 percent. GoC=No accepted empirical data
- 2005: Reported data calibrated to 2000 levels. Estimate of 98 percent changed from previous revision value of 99 percent. GoC=No accepted empirical data
- 2006: Reported data calibrated to 2000 levels. Estimate of 98 percent changed from previous revision value of 99 percent. GoC=No accepted empirical data
- 2007: Reported data calibrated to 2000 levels. Estimate of 98 percent changed from previous revision value of 99 percent. GoC=No accepted empirical data
- 2008: Reported data calibrated to 2000 levels. Estimate of 98 percent changed from previous revision value of 99 percent. GoC=No accepted empirical data
- 2009: Reported data calibrated to 2000 levels. Estimate of 97 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2010: Reported data calibrated to 2000 levels. Estimate of 97 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2011: Reported data calibrated to 2000 levels. Estimate of 97 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2012: Reported data calibrated to 2000 levels. Estimate of 96 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2013: Reported data calibrated to 2000 levels. Estimate of 97 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2014: Reported data calibrated to 2000 levels. Estimate of 97 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2015: Reported data calibrated to 2000 levels. GoC=No accepted empirical data

United States of America - DTP3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	96	96	96	96	96	95	95	96	94	94	95	95
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	96	96	96	96	96	95	95	96	94	94	95	95
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.

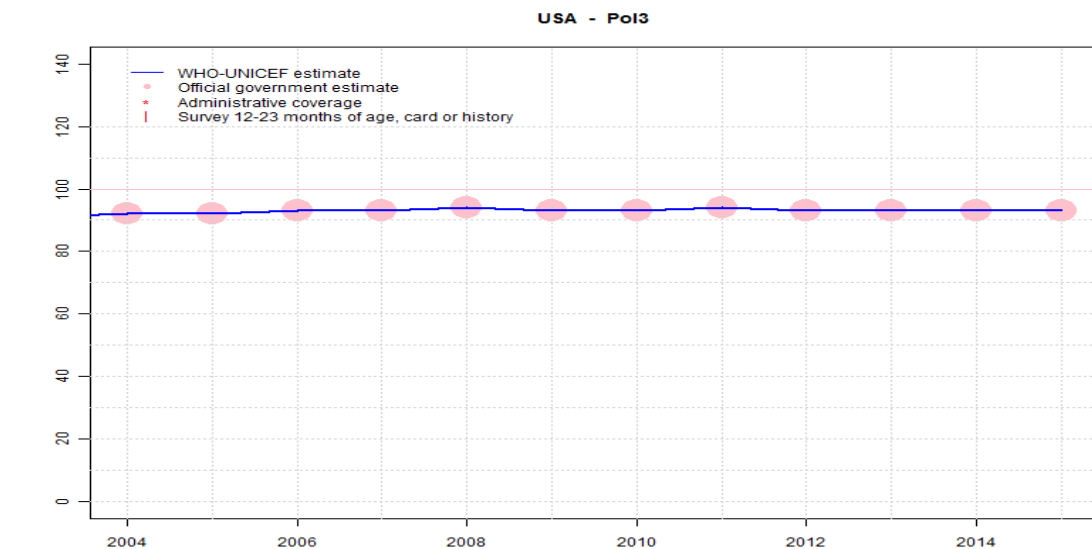
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

Description:

- 2004: Estimate based on coverage reported by national government. GoC=R+
- 2005: Estimate based on coverage reported by national government. GoC=R+
- 2006: Estimate based on coverage reported by national government. GoC=R+
- 2007: Estimate based on coverage reported by national government. Estimate of 96 percent changed from previous revision value of 95 percent. GoC=R+
- 2008: Estimate based on coverage reported by national government. GoC=R+
- 2009: Estimate based on coverage reported by national government. GoC=R+
- 2010: Estimate based on coverage reported by national government. GoC=R+
- 2011: Estimate based on coverage reported by national government. Estimate of 96 percent changed from previous revision value of 95 percent. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate of 94 percent changed from previous revision value of 96 percent. GoC=R+
- 2013: Estimate based on coverage reported by national government. GoC=R+
- 2014: Estimate based on coverage reported by national government. Estimate of 95 percent changed from previous revision value of 94 percent. GoC=R+
- 2015: Estimate based on coverage reported by national government. GoC=R+

United States of America - Pol3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	92	92	93	93	94	93	93	94	93	93	93	93
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	92	92	93	93	94	93	93	94	93	93	93	93
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.

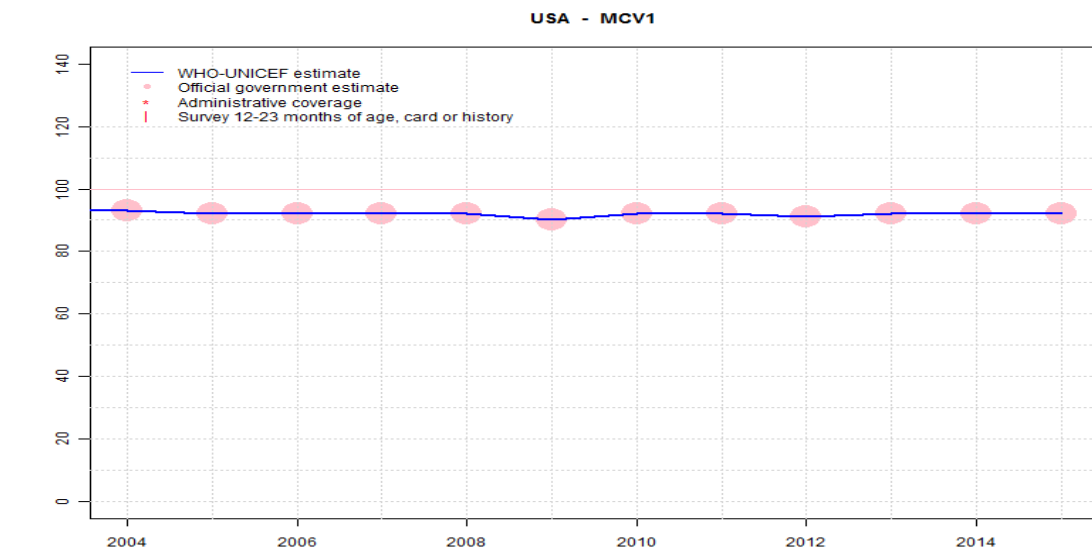
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

Description:

2004: Estimate based on coverage reported by national government. GoC=R+
2005: Estimate based on coverage reported by national government. GoC=R+
2006: Estimate based on coverage reported by national government. GoC=R+
2007: Estimate based on coverage reported by national government. GoC=R+
2008: Estimate based on coverage reported by national government. GoC=R+
2009: Estimate based on coverage reported by national government. GoC=R+
2010: Estimate based on coverage reported by national government. GoC=R+
2011: Estimate based on coverage reported by national government. Estimate of 94 percent changed from previous revision value of 93 percent. GoC=R+
2012: Estimate based on coverage reported by national government. Estimate of 93 percent changed from previous revision value of 94 percent. GoC=R+
2013: Estimate based on coverage reported by national government. GoC=R+
2014: Estimate based on coverage reported by national government. GoC=R+
2015: Estimate based on coverage reported by national government. GoC=R+

United States of America - MCV1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	93	92	92	92	92	90	92	92	91	92	92	92
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	93	92	92	92	92	90	92	92	91	92	92	92
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.

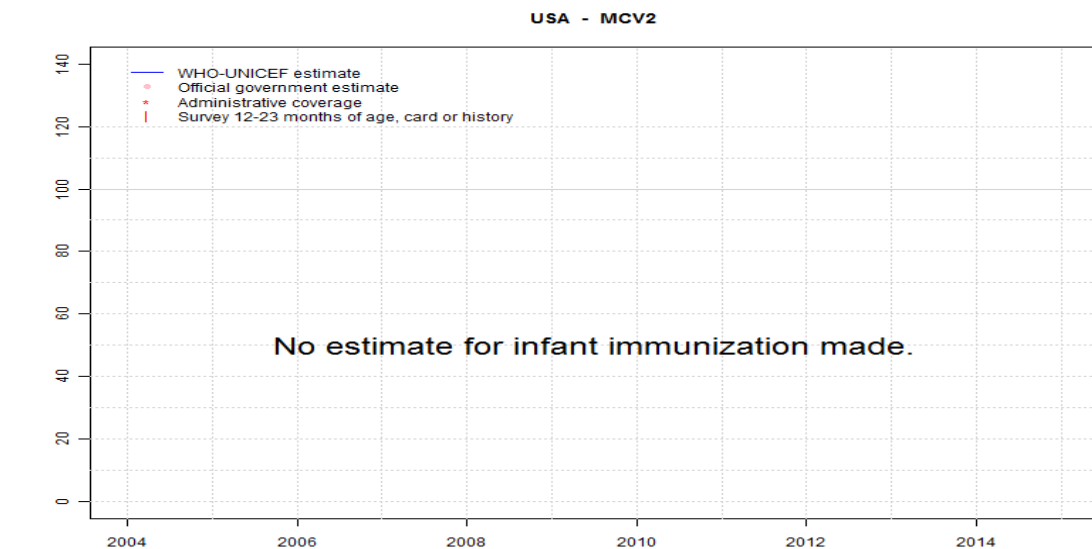
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

Description:

- 2004: Estimate based on coverage reported by national government. GoC=R+
- 2005: Estimate based on coverage reported by national government. GoC=R+
- 2006: Estimate based on coverage reported by national government. GoC=R+
- 2007: Estimate based on coverage reported by national government. GoC=R+
- 2008: Estimate based on coverage reported by national government. GoC=R+
- 2009: Estimate based on coverage reported by national government. GoC=R+
- 2010: Estimate based on coverage reported by national government. GoC=R+
- 2011: Estimate based on coverage reported by national government. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate of 91 percent changed from previous revision value of 92 percent. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate of 92 percent changed from previous revision value of 91 percent. GoC=R+
- 2014: Estimate based on coverage reported by national government. Estimate of 92 percent changed from previous revision value of 91 percent. GoC=R+
- 2015: Estimate based on coverage reported by national government. GoC=R+

United States of America - MCV2



The second dose of measles containing vaccine was introduced in 1989; data not reported.

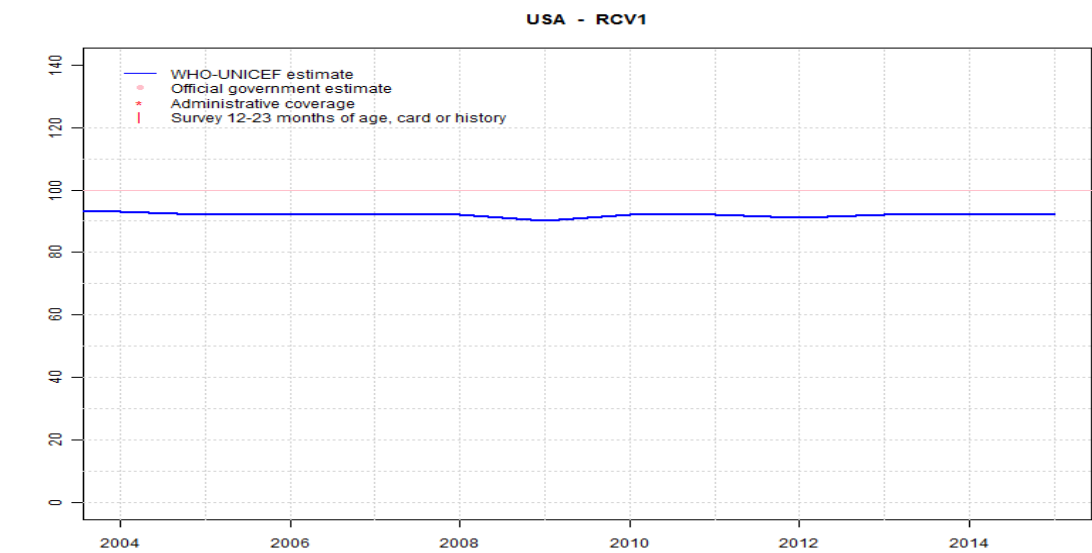
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

United States of America - RCV1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	93	92	92	92	92	90	92	92	91	92	92	92
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
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.

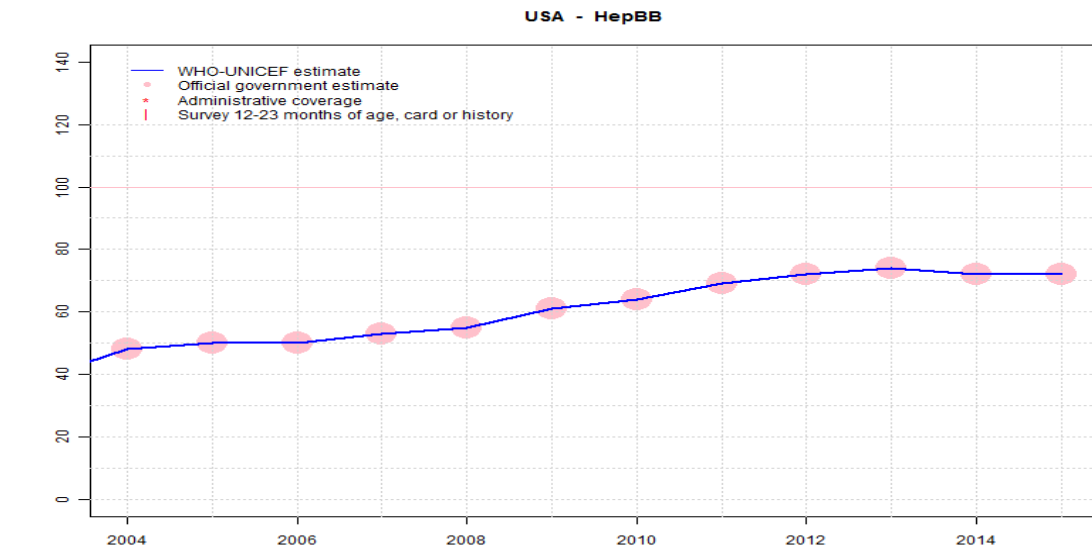
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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 accompanying graph and data table.

- 2004: Estimate based on estimated MCV1. GoC=R+
- 2005: Estimate based on estimated MCV1. GoC=R+
- 2006: Estimate based on estimated MCV1. GoC=R+
- 2007: Estimate based on estimated MCV1. GoC=R+
- 2008: Estimate based on estimated MCV1. GoC=R+
- 2009: Estimate based on estimated MCV1. GoC=R+
- 2010: Estimate based on estimated MCV1. GoC=R+
- 2011: Estimate based on estimated MCV1. GoC=R+
- 2012: Estimate based on estimated MCV1. GoC=R+
- 2013: Estimate based on estimated MCV1. GoC=R+
- 2014: Estimate based on estimated MCV1. GoC=R+
- 2015: Estimate based on estimated MCV1. GoC=R+

United States of America - HepBB



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	48	50	50	53	55	61	64	69	72	74	72	72
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	48	50	50	53	55	61	64	69	72	74	72	72
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.

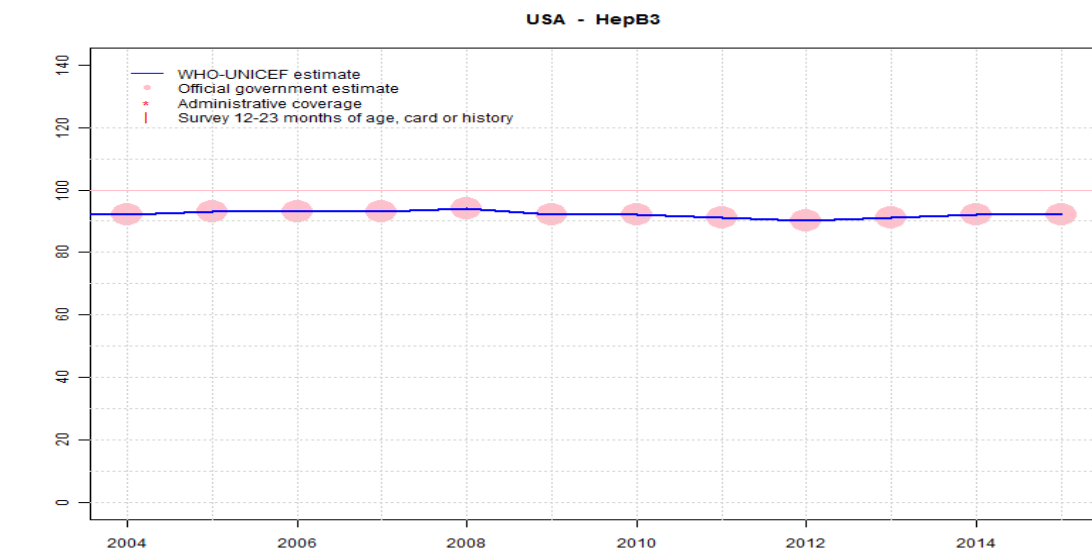
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

Description:

- 2004: Estimate based on coverage reported by national government. Estimate of 48 percent changed from previous revision value of 44 percent. GoC=R+
- 2005: Estimate based on coverage reported by national government. Estimate of 50 percent changed from previous revision value of 48 percent. GoC=R+
- 2006: Estimate based on coverage reported by national government. Estimate of 50 percent changed from previous revision value of 43 percent. GoC=R+
- 2007: Estimate based on coverage reported by national government. Estimate of 53 percent changed from previous revision value of 45 percent. GoC=R+
- 2008: Estimate based on coverage reported by national government. Estimate of 55 percent changed from previous revision value of 47 percent. GoC=R+
- 2009: Estimate based on coverage reported by national government. GoC=R+
- 2010: Estimate based on coverage reported by national government. GoC=R+
- 2011: Estimate based on coverage reported by national government. Estimate of 69 percent changed from previous revision value of 67 percent. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate of 72 percent changed from previous revision value of 69 percent. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate of 74 percent changed from previous revision value of 72 percent. GoC=R+
- 2014: Estimate based on coverage reported by national government. GoC=R+
- 2015: Estimate based on coverage reported by national government. GoC=R+

United States of America - HepB3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	92	93	93	93	94	92	92	91	90	91	92	92
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	92	93	93	93	94	92	92	91	90	91	92	92
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.

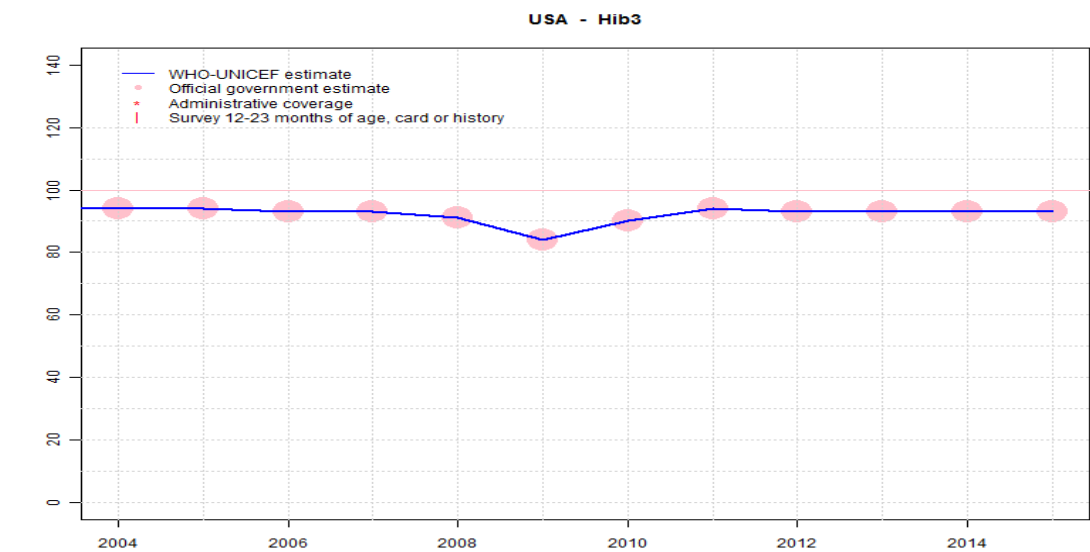
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

Description:

- 2004: Estimate based on coverage reported by national government. GoC=R+
- 2005: Estimate based on coverage reported by national government. GoC=R+
- 2006: Estimate based on coverage reported by national government. GoC=R+
- 2007: Estimate based on coverage reported by national government. Estimate of 93 percent changed from previous revision value of 94 percent. GoC=R+
- 2008: Estimate based on coverage reported by national government. GoC=R+
- 2009: Estimate based on coverage reported by national government. GoC=R+
- 2010: Estimate based on coverage reported by national government. GoC=R+
- 2011: Estimate based on coverage reported by national government. Estimate of 91 percent changed from previous revision value of 92 percent. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate of 90 percent changed from previous revision value of 91 percent. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate of 91 percent changed from previous revision value of 90 percent. GoC=R+
- 2014: Estimate based on coverage reported by national government. Estimate of 92 percent changed from previous revision value of 90 percent. GoC=R+
- 2015: Estimate based on coverage reported by national government. GoC=R+

United States of America - Hib3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	94	94	93	93	91	84	90	94	93	93	93	93
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	94	94	93	93	91	84	90	94	93	93	93	93
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.

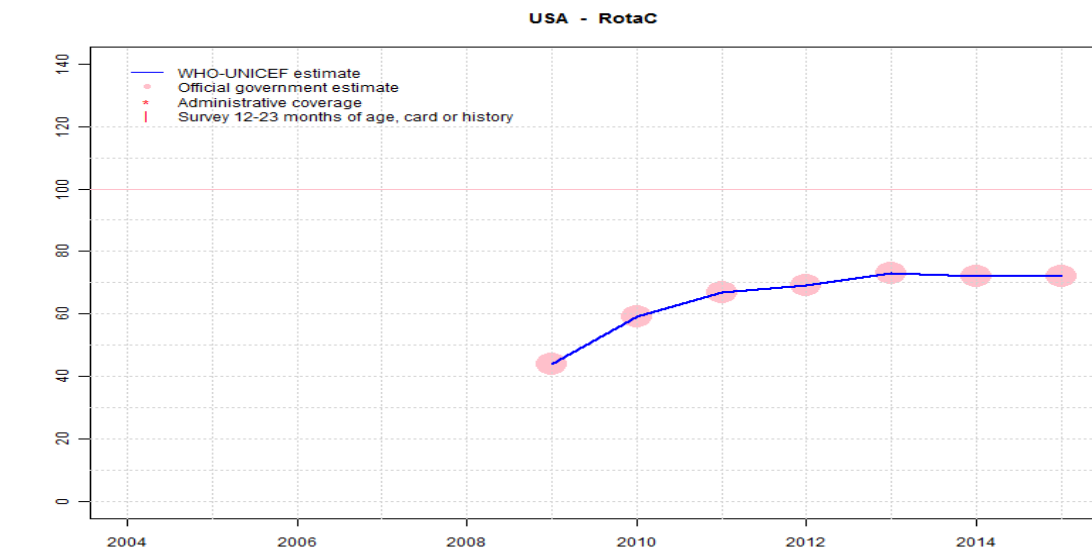
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

Description:

- 2004: Estimate based on coverage reported by national government. GoC=R+
- 2005: Estimate based on coverage reported by national government. GoC=R+
- 2006: Estimate based on coverage reported by national government. GoC=R+
- 2007: Estimate based on coverage reported by national government. GoC=R+
- 2008: Estimate based on coverage reported by national government. GoC=R+
- 2009: Estimate based on coverage reported by national government. GoC=R+
- 2010: Estimate based on coverage reported by national government. GoC=R+
- 2011: Estimate based on coverage reported by national government. Estimate of 94 percent changed from previous revision value of 90 percent. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate of 93 percent changed from previous revision value of 94 percent. GoC=R+
- 2013: Estimate based on coverage reported by national government. GoC=R+
- 2014: Estimate based on coverage reported by national government. GoC=R+
- 2015: Estimate based on coverage reported by national government. GoC=R+

United States of America - RotaC



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	NA	NA	NA	NA	NA	44	59	67	69	73	72	72
Estimate GoC	NA	NA	NA	NA	NA	••	••	••	••	••	••	••
Official	NA	NA	NA	NA	NA	44	59	67	69	73	72	72
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

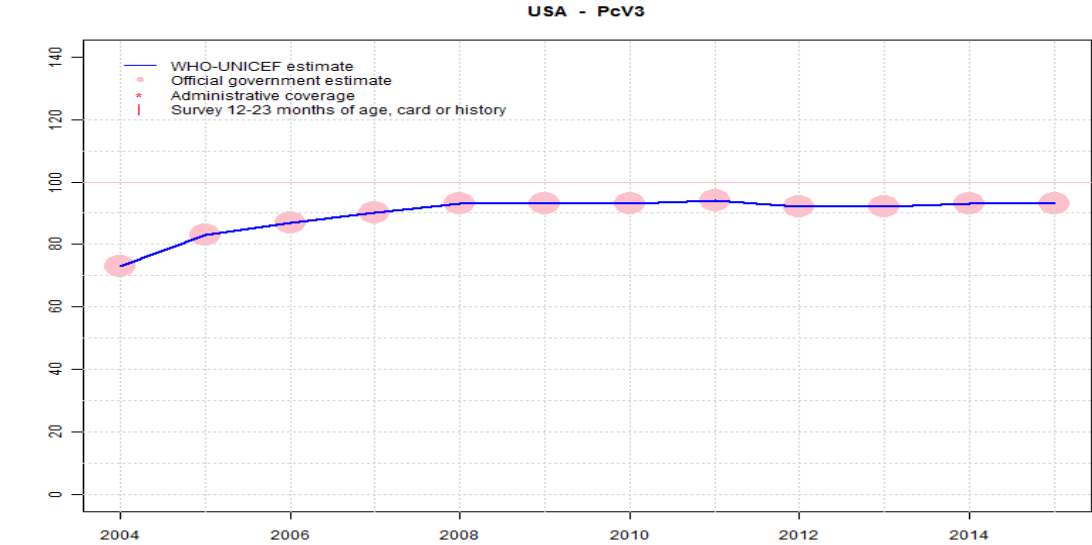
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Description:

- 2009: Estimate based on coverage reported by national government. Rotavirus vaccine introduced in 2006. Reporting started in 2009. GoC=R+
- 2010: Estimate based on coverage reported by national government. GoC=R+
- 2011: Estimate based on coverage reported by national government. Estimate of 67 percent changed from previous revision value of 59 percent. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate of 69 percent changed from previous revision value of 64 percent. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate of 73 percent changed from previous revision value of 69 percent. GoC=R+
- 2014: Estimate based on coverage reported by national government. Estimate of 72 percent changed from previous revision value of 69 percent. GoC=R+
- 2015: Estimate based on coverage reported by national government. GoC=R+



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	73	83	87	90	93	93	93	94	92	92	93	93
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	73	83	87	90	93	93	93	94	92	92	93	93
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.

Description:

- 2004: Estimate based on coverage reported by national government. Pneumococcal conjugate vaccine introduced in 2000. Reporting started in 2004. GoC=R+
- 2005: Estimate based on coverage reported by national government. GoC=R+
- 2006: Estimate based on coverage reported by national government. GoC=R+
- 2007: Estimate based on coverage reported by national government. GoC=R+
- 2008: Estimate based on coverage reported by national government. GoC=R+
- 2009: Estimate based on coverage reported by national government. GoC=R+
- 2010: Estimate based on coverage reported by national government. GoC=R+
- 2011: Estimate based on coverage reported by national government. Estimate of 94 percent changed from previous revision value of 93 percent. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate of 92 percent changed from previous revision value of 94 percent. GoC=R+
- 2013: Estimate based on coverage reported by national government. GoC=R+
- 2014: Estimate based on coverage reported by national government. Estimate of 93 percent changed from previous revision value of 92 percent. GoC=R+
- 2015: Estimate based on coverage reported by national government. GoC=R+

United States of America - survey details

2011 National Immunization Survey, 2013

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card or History	94	19-35 m	13611	-
HepB3	Card or History	90	19-35 m	13611	-
Hib3	Card or History	92	19-35 m	13611	-
MCV1	Card or History	90	19-35 m	13611	-
PcV3	Card or History	92	19-35 m	13611	-
Pol3	Card or History	92	19-35 m	13611	-
RotaC	Card or History	73	19-35 m	13611	-

2010 National Immunization Survey 2012

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card or History	94	19-23 m	16000	-
HepB3	Card or History	89	19-23 m	16000	-
Hib3	Card or History	93	19-23 m	16000	-
MCV1	Card or History	89	19-23 m	16000	-
PcV3	Card or History	92	19-23 m	16000	-
Pol3	Card or History	92	19-23 m	16000	-
RotaC	Card or History	69	19-23 m	16000	-

2009 National Immunization Survey 2011

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card	96	19-35 m	19534	-
HepB3	Card	91	19-35 m	19534	-
HepBB	Card	69	19-35 m	19534	-
Hib3	Card	94	19-35 m	19534	-
MCV1	Card	92	19-35 m	19534	-
PcV3	Card	94	19-35 m	19534	-
Pol3	Card	94	19-35 m	19534	-
RotaC	Card	67	19-35 m	19534	-

2005 National Immunization Survey (NIS) 2008

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card	96	19-35 m	18430	-
HepB3	Card	93	19-35 m	18430	-
Hib3	Card	90	19-35 m	18430	-
MCV1	Card	90	19-35 m	18430	-
PcV3	Card	92	19-35 m	18430	-
Pol3	Card	92	19-35 m	18430	-

2004 National Immunization Survey (NIS) 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card	96	19-35 m	17017	-
HepB3	Card	93	19-35 m	17017	-
Hib3	Card	93	19-35 m	17017	-
MCV1	Card	92	19-35 m	17017	-
Pol3	Card	93	19-35 m	17017	-

2003 National Immunization Survey (NIS) 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card	96	19-35 m	-	-
HepB3	Card	93	19-35 m	-	-
Hib3	Card	93	19-35 m	-	-
MCV1	Card	92	19-35 m	-	-
Pol3	Card	93	19-35 m	-	-

2002 National Immunization Survey (NIS) 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card	96	19-35 m	-	-
HepB3	Card	93	19-35 m	-	-
Hib3	Card	94	19-35 m	-	-
MCV1	Card	92	19-35 m	-	-
Pol3	Card	92	19-35 m	-	-

United States of America - survey details

2001 National Immunization Survey (NIS) 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card	96	19-35 m	-	-
HepB3	Card	92	19-35 m	-	-
Hib3	Card	94	19-35 m	-	-
MCV1	Card	93	19-35 m	-	-
Pol3	Card	92	19-35 m	-	-

2000 National Immunization Survey (NIS) 2007

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card	96	19-35 m	-	-

HepB3	Card	92	19-35 m	-	-
Hib3	Card	94	19-35 m	-	-
MCV1	Card	93	19-35 m	-	-
Pol3	Card	92	19-35 m	-	-

2000 National Immunization Survey 2002

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	Card or History	94	19-35 m	-	-
HepB3	Card or History	88	19-35 m	-	-
MCV1	Card or History	91	19-35 m	-	-
Pol3	Card or History	90	19-35 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