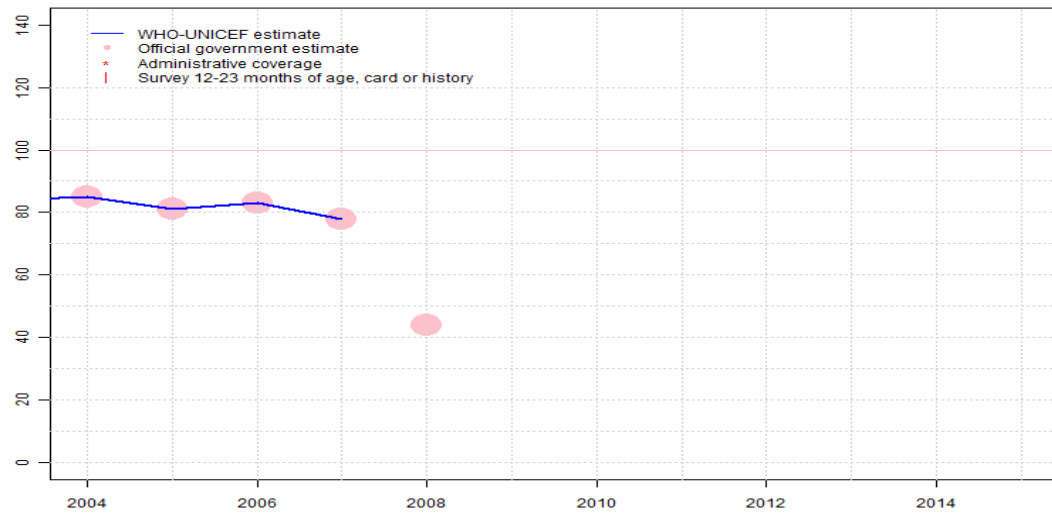


France - BCG

FRA - BCG



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	85	81	83	78	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	●●	●●	●●	●●	NA	NA	NA	NA	NA	NA	NA	NA
Official	85	81	83	78	44	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.

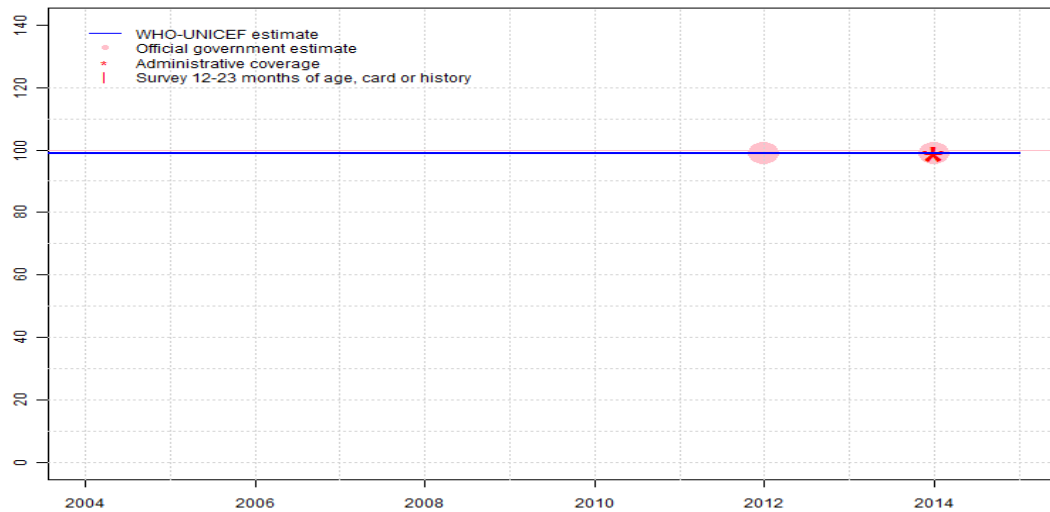
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 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. Production of multiple injection device was halted in January 2006 leading to a dramatic decrease in coverage in children born in 2006 (year of assessment 2008). GoC=R+
- 2007: Estimate based on coverage reported by national government. BCG vaccination was universal and mandatory until July 2007. From July 2007 onwards, BCG has been only recommended to high risk groups. WHO UNICEF estimates for infant immunization coverage discontinued. GoC=R+

France - DTP1

FRA - DTP1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	99	99	99	99	99	99	99	99	99	99	99	99
Estimate GoC	•	•	•	•	•	•	•	•	••	•	••	•
Official	NA	NA	NA	NA	NA	NA	NA	NA	99	NA	99	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99	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.

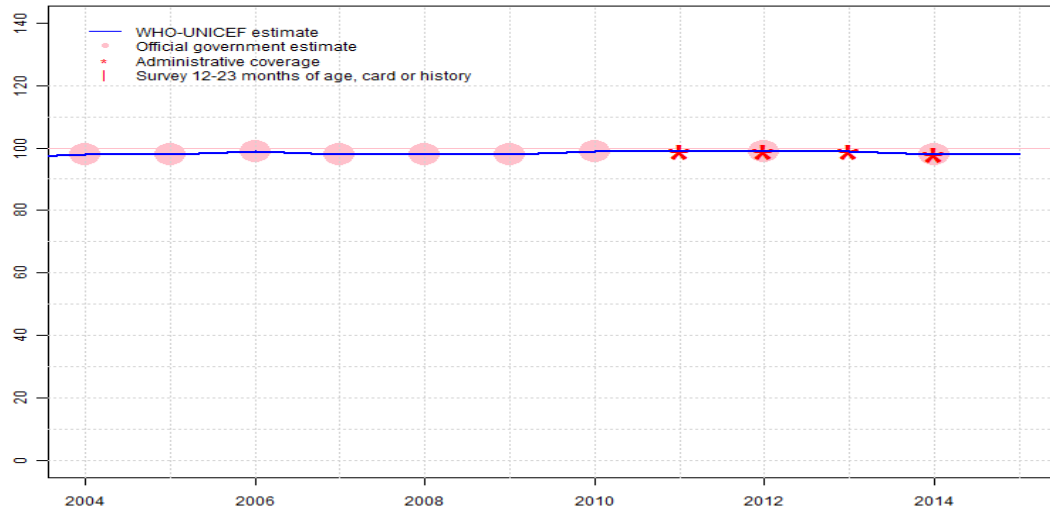
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2004: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2005: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2006: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2007: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2008: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2009: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2010: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2011: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2012: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on interpolation between data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2014: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2015: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

France - DTP3

FRA - DTP3



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

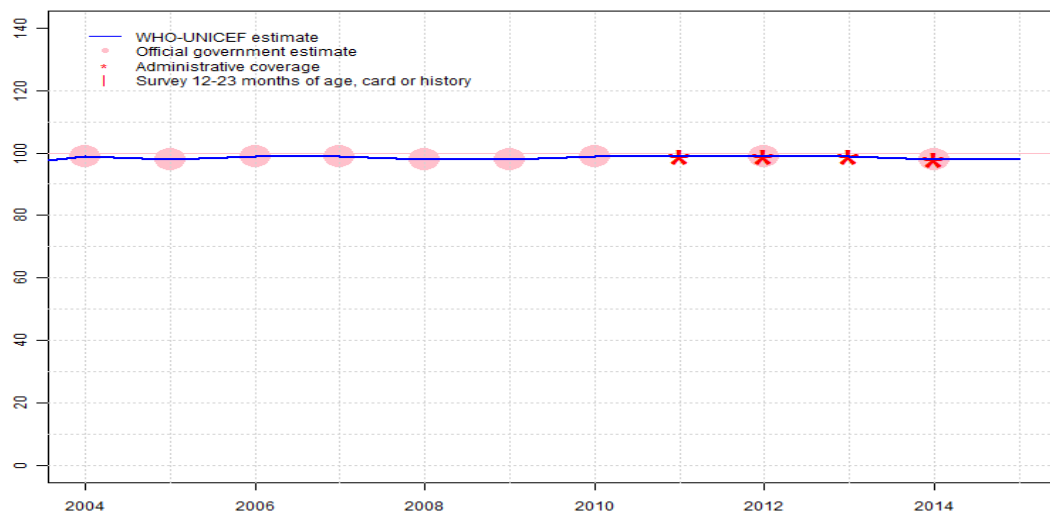
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2009: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2010: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2011: Estimate based on reported administrative data. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2012: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on reported administrative data. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2014: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. Estimate of 98 percent changed from previous revision value of 99 percent. GoC=R+
- 2015: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

FRA - Pol3



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

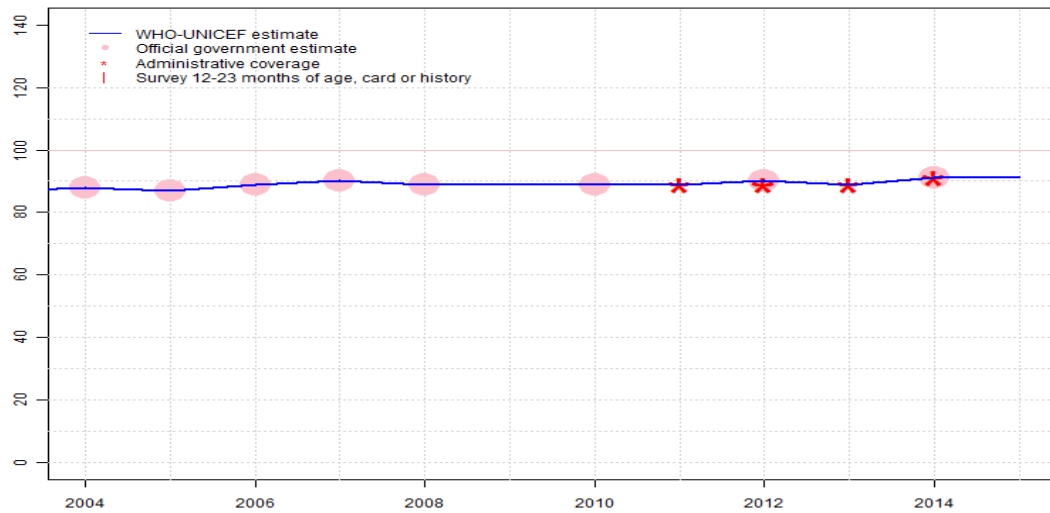
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2009: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2010: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2011: Estimate based on reported administrative data. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2012: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on reported administrative data. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2014: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. Estimate of 98 percent changed from previous revision value of 99 percent. GoC=R+
- 2015: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

France - MCV1

FRA - MCV1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	88	87	89	90	89	89	89	89	90	89	91	91
Estimate GoC	••	••	••	••	••	•	••	••	••	••	••	•
Official	88	87	89	90	89	NA	89	NA	90	NA	91	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	89	89	89	91	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.

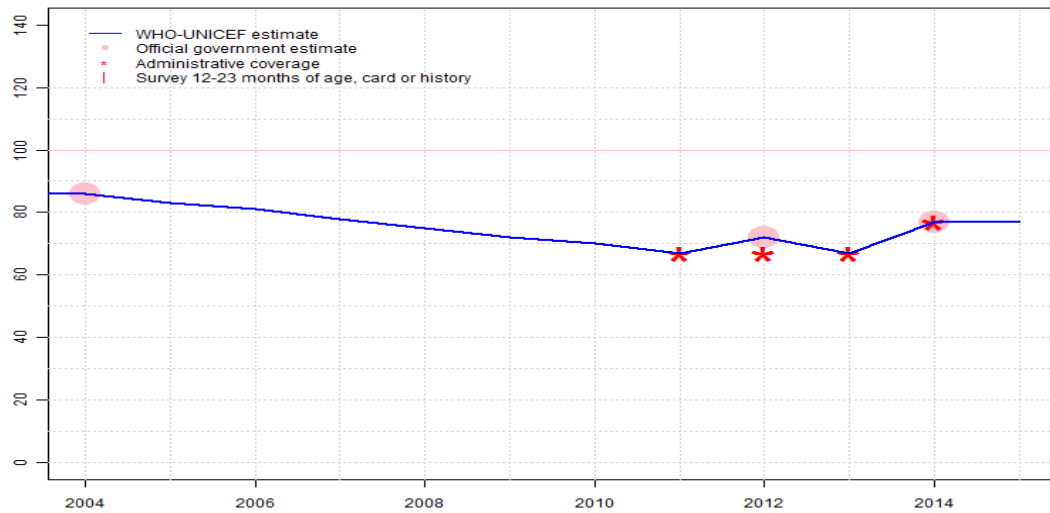
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2009: Estimate based on interpolation between data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2010: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2011: Estimate based on reported administrative data. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2012: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on reported administrative data. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2014: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. Estimate of 91 percent changed from previous revision value of 90 percent. GoC=R+
- 2015: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

France - MCV2

FRA - MCV2



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	86	83	81	78	75	72	70	67	72	67	77	77
Estimate GoC	••	•	•	•	•	•	•	••	••	••	••	•
Official	86	NA	NA	NA	NA	NA	NA	NA	72	NA	77	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	67	67	67	77	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.

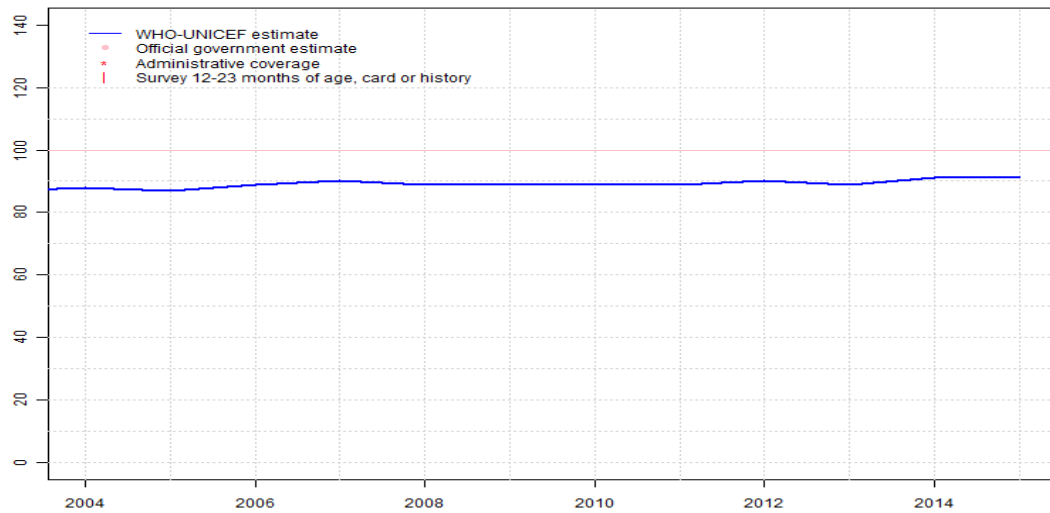
Description:

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

- 2004: Estimate based on coverage reported by national government. GoC=R+
- 2005: Estimate based on interpolation between reported values. GoC=No accepted empirical data
- 2006: Estimate based on interpolation between reported values. GoC=No accepted empirical data
- 2007: Estimate based on interpolation between reported values. GoC=No accepted empirical data
- 2008: Estimate based on interpolation between reported values. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2009: Estimate based on interpolation between reported values. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2010: Estimate based on interpolation between reported values. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2011: Estimate based on reported administrative estimate. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2012: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on reported administrative estimate. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2014: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. Estimate of 77 percent changed from previous revision value of 74 percent. GoC=R+
- 2015: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

France - RCV1

FRA - RCV1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	88	87	89	90	89	89	89	89	90	89	91	91
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.

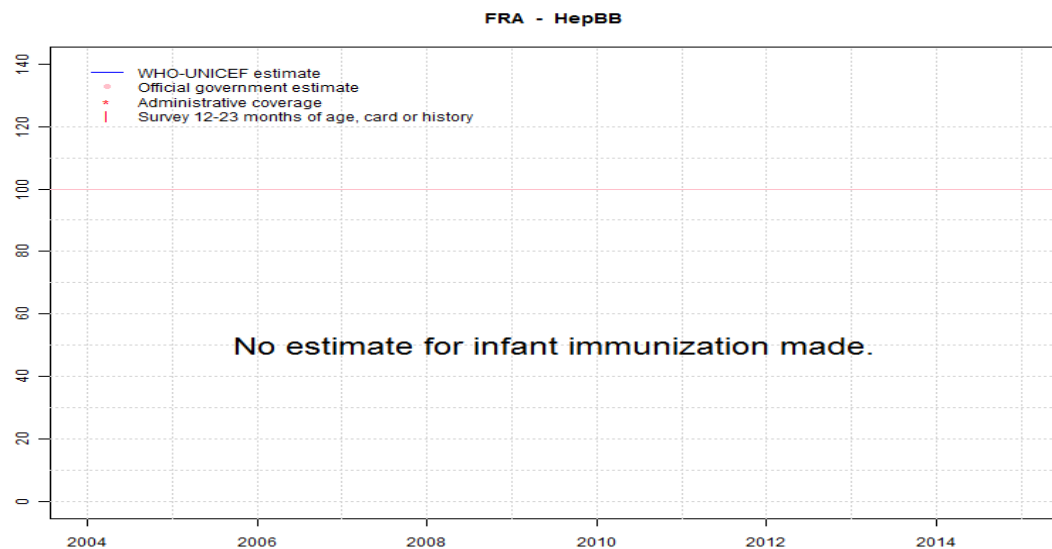
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2009: Estimate based on estimated MCV1. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=No accepted empirical data
- 2010: Estimate based on estimated MCV1. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2011: Estimate based on estimated MCV1. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2012: Estimate based on estimated MCV1. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on estimated MCV1. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2014: Estimate based on estimated MCV1. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2015: Estimate based on estimated MCV1. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

France - HepBB



	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

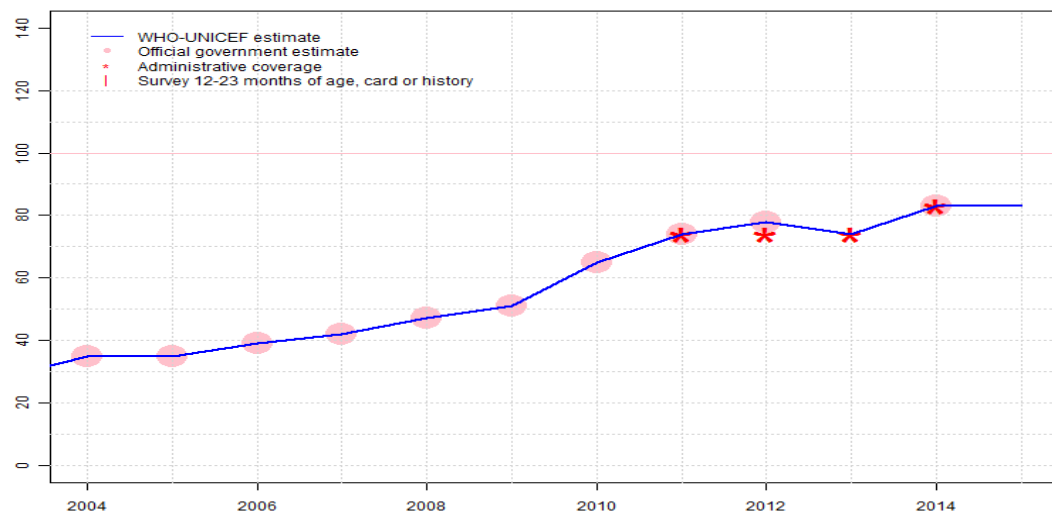
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

France - HepB3

FRA - HepB3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	35	35	39	42	47	51	65	74	78	74	83	83
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	•
Official	35	35	39	42	47	51	65	74	78	NA	83	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	74	74	74	83	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.

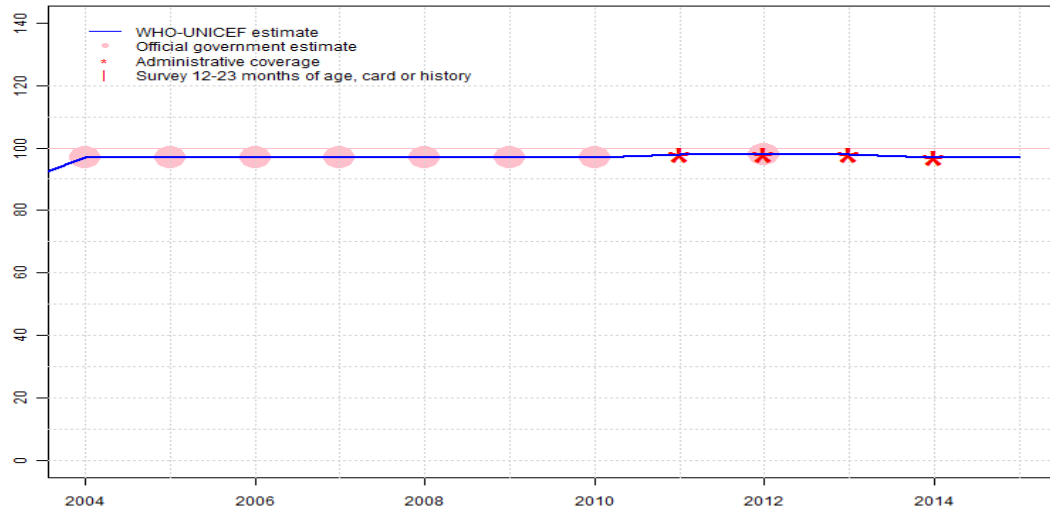
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2009: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2010: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2011: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2012: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on reported administrative estimate. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2014: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. Estimate of 83 percent changed from previous revision value of 82 percent. GoC=R+
- 2015: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

France - Hib3

FRA - Hib3



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

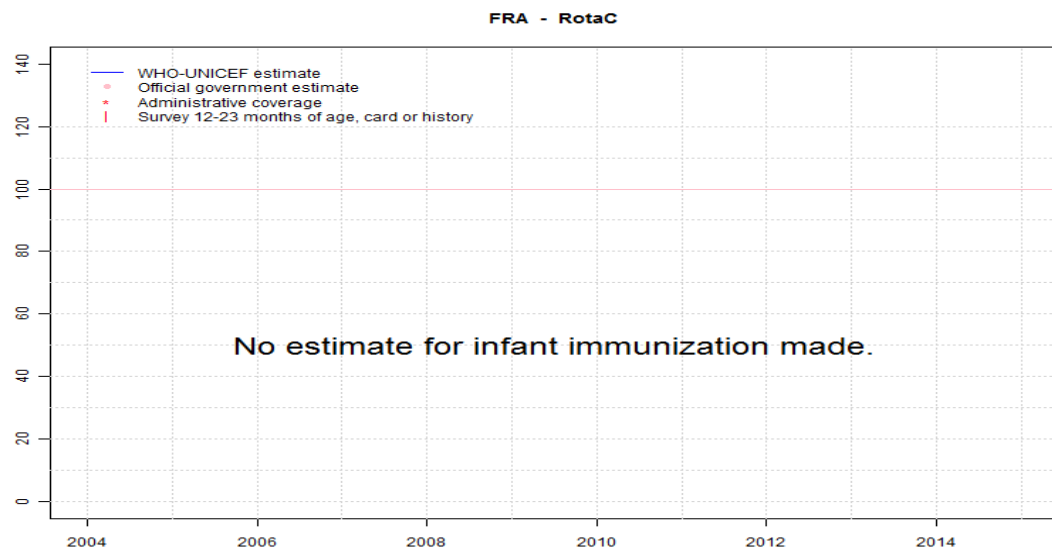
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2009: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2010: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2011: Estimate based on reported administrative estimate. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2012: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on reported administrative estimate. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2014: Estimate based on reported administrative estimate. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. Estimate of 97 percent changed from previous revision value of 98 percent. GoC=R+
- 2015: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

France - RotaC



	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

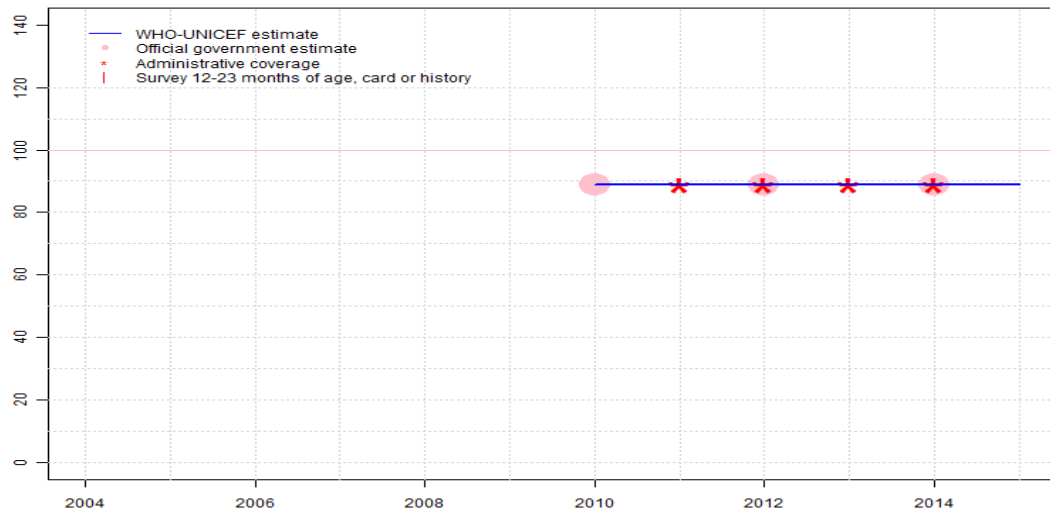
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

France - PcV3

FRA - PcV3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	NA	NA	NA	NA	NA	NA	89	89	89	89	89	89
Estimate GoC	NA	NA	NA	NA	NA	NA	●●	●●	●●	●●	●●	●
Official	NA	NA	NA	NA	NA	NA	89	NA	89	NA	89	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	89	89	89	89	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:

- 2010: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. Pneumococcal conjugate vaccine introduced in 2006. Reporting began in 2010. GoC=R+
- 2011: Estimate based on reported administrative estimate. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2012: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2013: Estimate based on reported administrative estimate. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2014: Estimate based on coverage reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. GoC=R+
- 2015: Estimate based on extrapolation from data reported by national government. The Ministry of Health informs that routine vaccination data collected in year N are then analyzed in year N+1 and released year N+2. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=No accepted empirical data

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