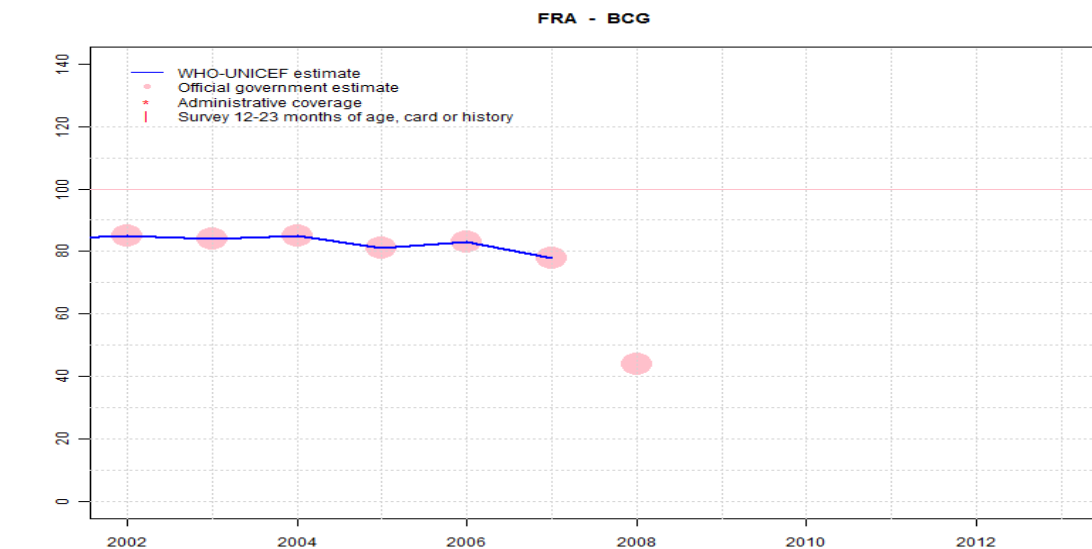


France - BCG



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	85	84	85	81	83	78	NA	NA	NA	NA	NA	NA
Estimate GoC	●●	●●	●●	●●	●●	●●	NA	NA	NA	NA	NA	NA
Official	85	84	85	81	83	78	44	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.

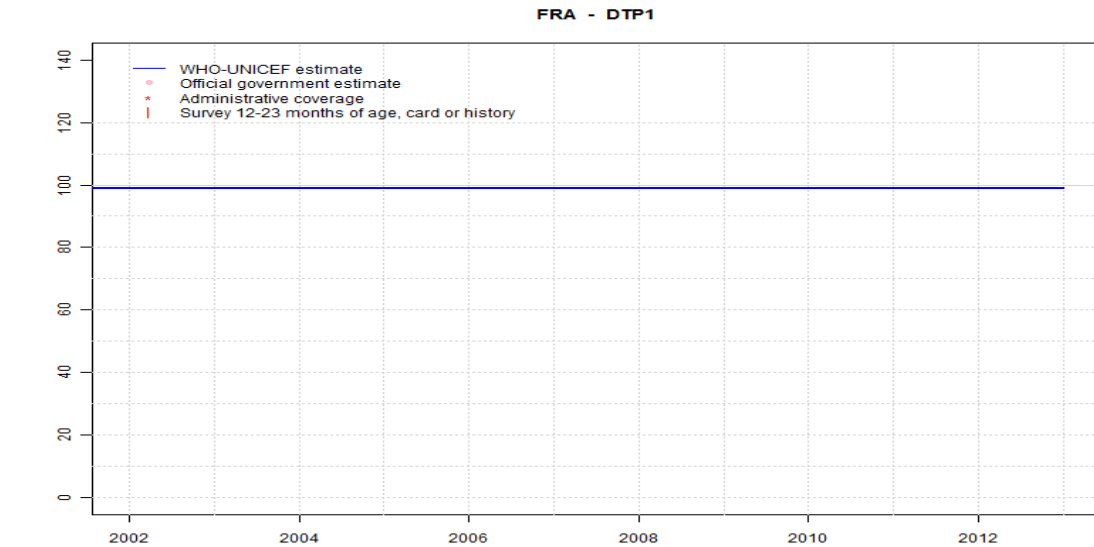
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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:

- 2002: Estimate based on coverage reported by national government. GoC=R+
- 2003: Estimate based on coverage reported by national government. GoC=R+
- 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. GoC=R+

France - DTP1



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	99	99	99	99	99	99	99	99	99	99	99	99
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.

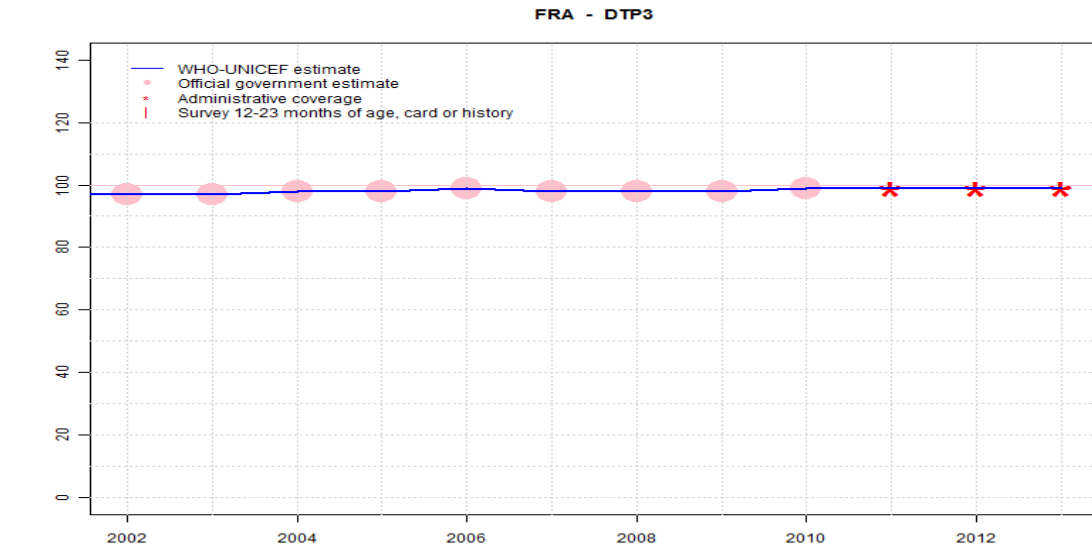
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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:

- 2002: Estimate based on DTP3 coverage of 97. GoC=No accepted empirical data
- 2003: Estimate based on DTP3 coverage of 97. GoC=No accepted empirical data
- 2004: Estimate based on DTP3 coverage of 98. GoC=No accepted empirical data
- 2005: Estimate based on DTP3 coverage of 98. GoC=No accepted empirical data
- 2006: Estimate based on DTP3 coverage of 99. GoC=No accepted empirical data
- 2007: Estimate based on DTP3 coverage of 98. GoC=No accepted empirical data
- 2008: Estimate based on DTP3 coverage of 98. 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 DTP3 coverage of 98. 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 DTP3 coverage of 99. 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 DTP3 coverage of 99. 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 DTP3 coverage of 99. 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
- 2013: Estimate based on DTP3 coverage of 99. 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



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	97	97	98	98	99	98	98	98	99	99	99	99
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	97	97	98	98	99	98	98	98	99	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	99	99	99
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.

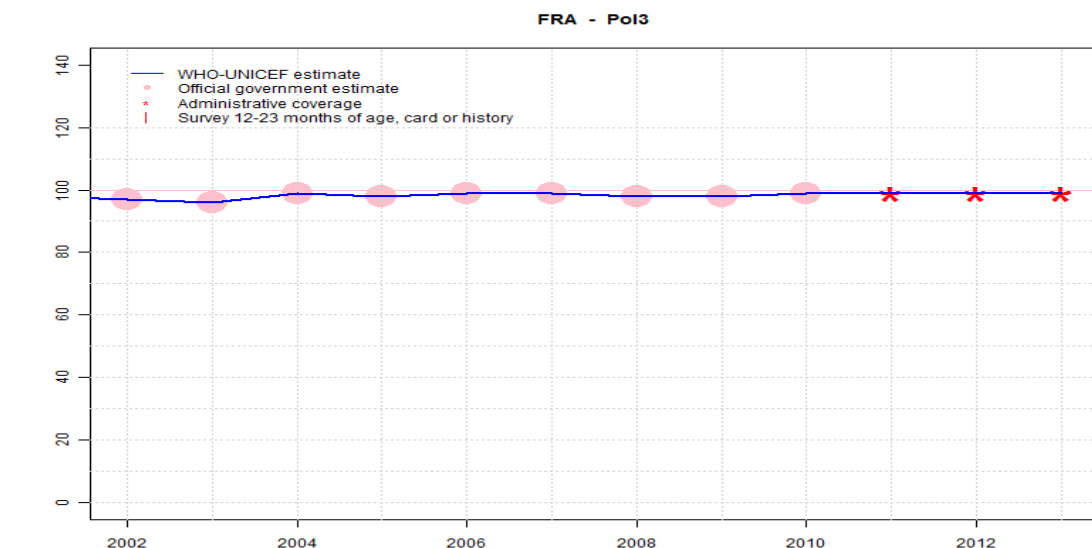
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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:

- 2002: Estimate based on coverage reported by national government. GoC=R+
- 2003: Estimate based on coverage reported by national government. GoC=R+
- 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 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+
- 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. 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=R+

France - Pol3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	97	96	99	98	99	99	98	98	99	99	99	99
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	97	96	99	98	99	99	98	98	99	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	99	99	99
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.

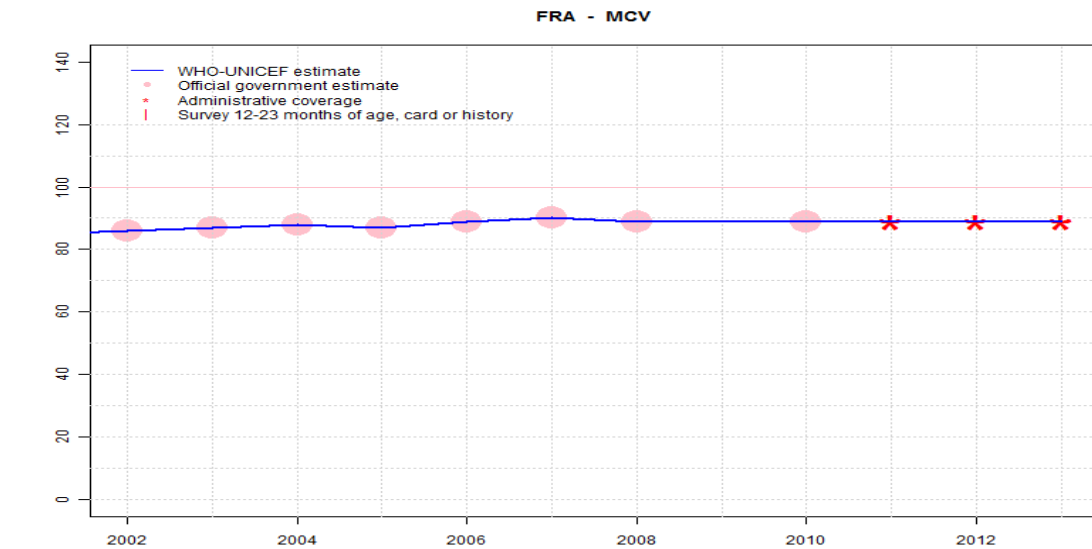
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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:

- 2002: Estimate based on coverage reported by national government. GoC=R+
- 2003: Estimate based on coverage reported by national government. GoC=R+
- 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 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+
- 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. 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=R+

France - MCV



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	86	87	88	87	89	90	89	89	89	89	89	89
Estimate GoC	••	••	••	••	••	••	••	•	••	••	••	••
Official	86	87	88	87	89	90	89	NA	89	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	89	89	89
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

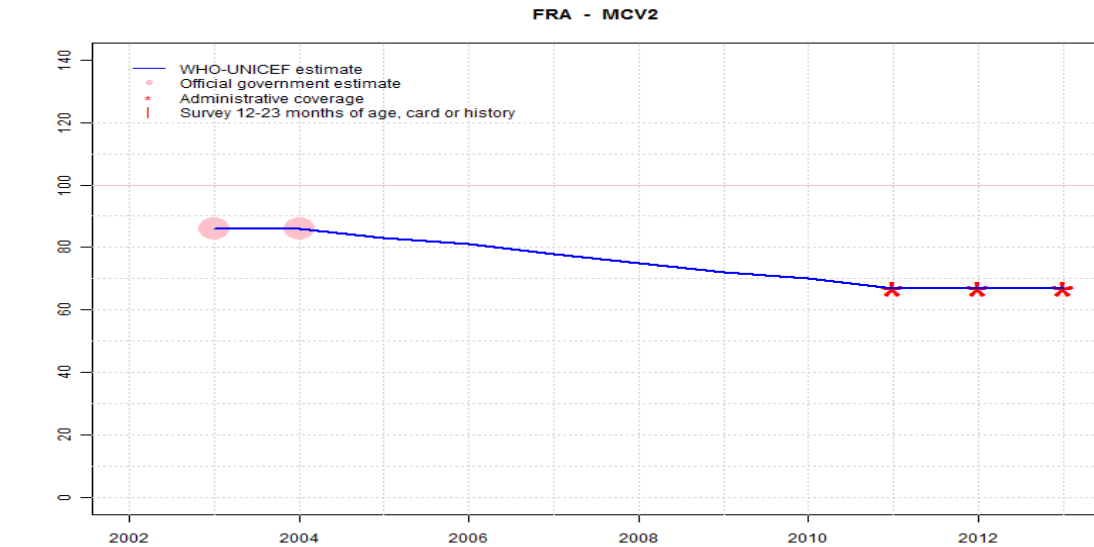
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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:

- 2002: Estimate based on coverage reported by national government. GoC=R+
- 2003: Estimate based on coverage reported by national government. GoC=R+
- 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 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+
- 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.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=R+

France - MCV2



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	86	86	83	81	78	75	72	70	67	67	67
Estimate GoC	NA	••	••	•	•	•	•	•	•	••	••	••
Official	NA	86	86	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	67	67	67
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

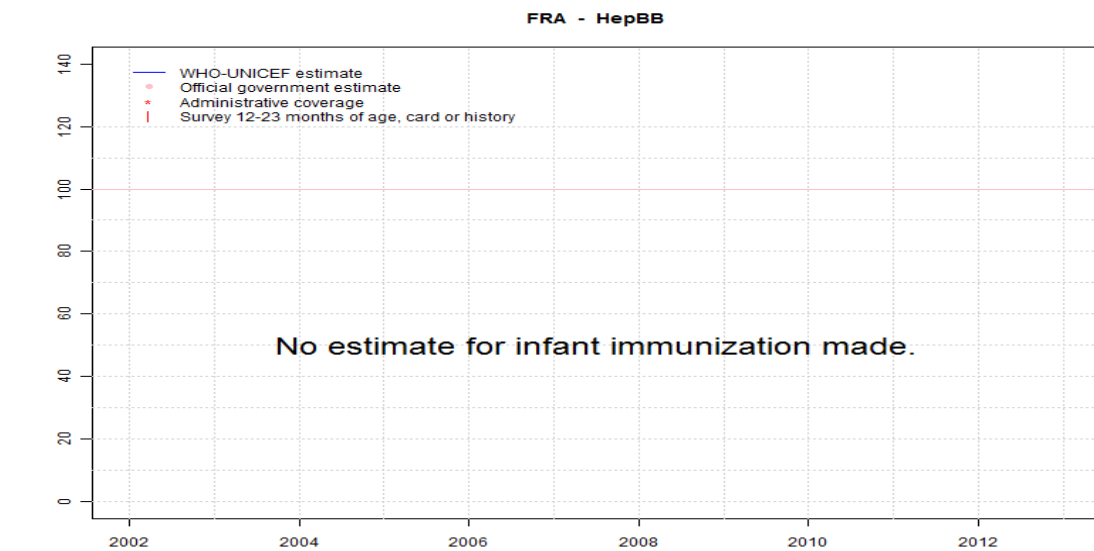
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. GoC=R+
- 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 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+
- 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.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=R+



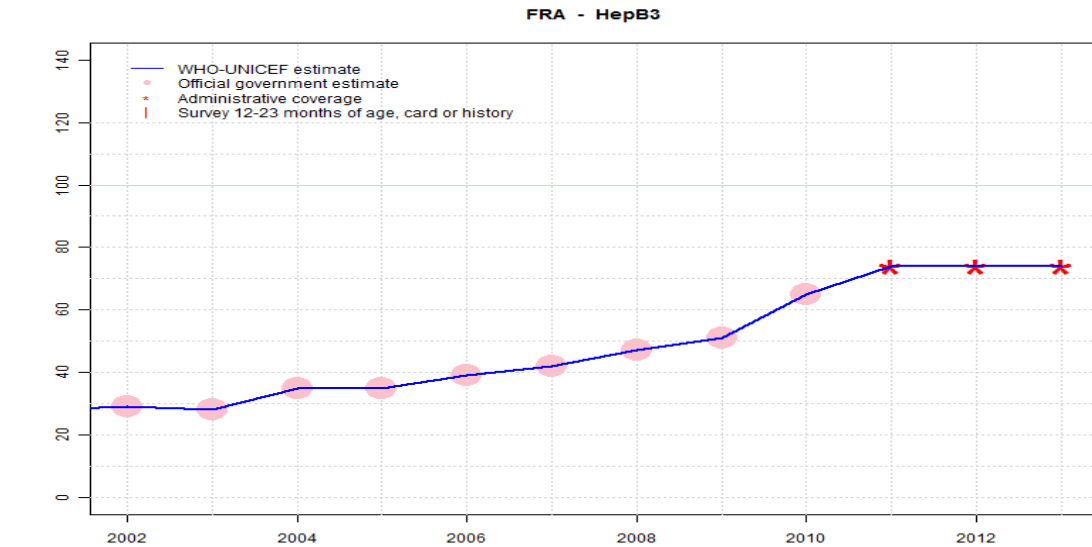
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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: 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.

France - HepB3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	29	28	35	35	39	42	47	51	65	74	74	74
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	29	28	35	35	39	42	47	51	65	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	74	74	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.

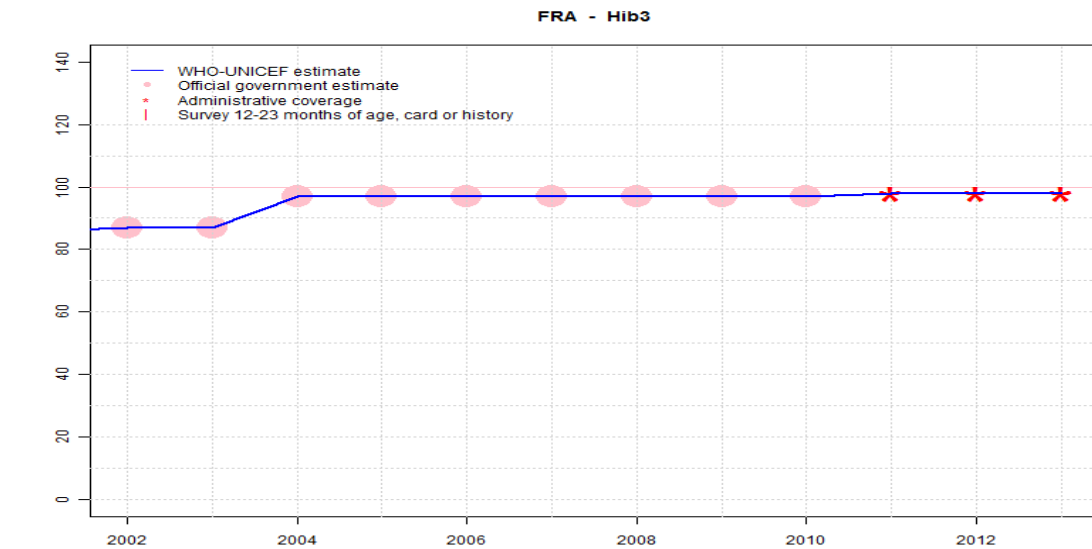
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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:

- 2002: Estimate based on coverage reported by national government. GoC=R+
- 2003: Estimate based on coverage reported by national government. GoC=R+
- 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 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+
- 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. 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=R+

France - Hib3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	87	87	97	97	97	97	97	97	97	98	98	98
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	87	87	97	97	97	97	97	97	97	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	98	98	98
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.

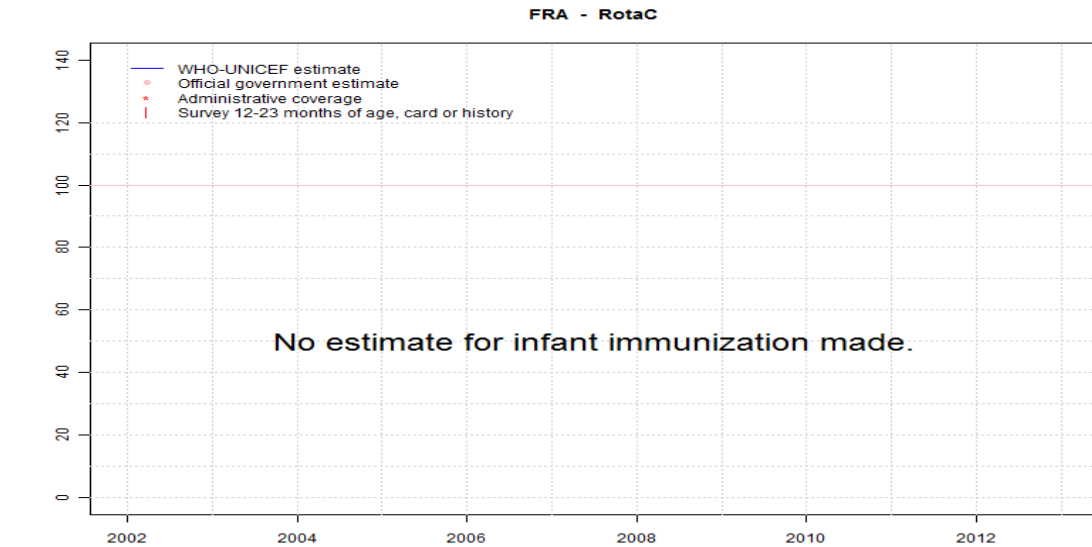
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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:

- 2002: Estimate based on coverage reported by national government. GoC=R+
- 2003: Estimate based on coverage reported by national government. GoC=R+
- 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 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+
- 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. 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=R+

France - RotaC



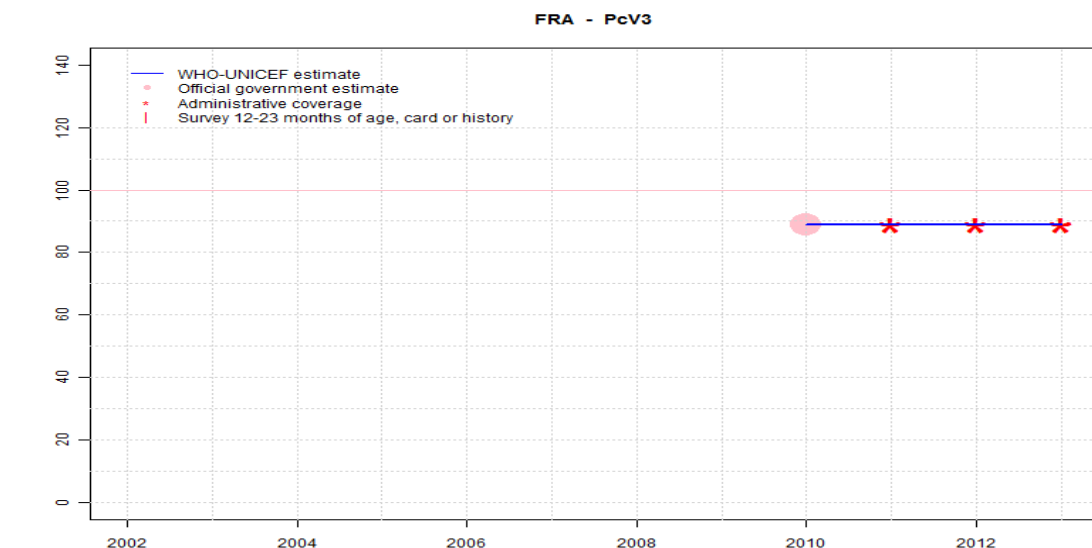
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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: 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.

France - PcV3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	89	89	89	89
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	••	••	••	••
Official	NA	NA	NA	NA	NA	NA	NA	NA	89	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	89	89	89
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 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:

- 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 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+
- 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. 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=R+

Further information and estimates prior to 2002 are available at:

<http://www.data.unicef.org/child-health/immunization>

http://www.who.int/immunization/monitoring_surveillance/routine/coverage/en/index4.html