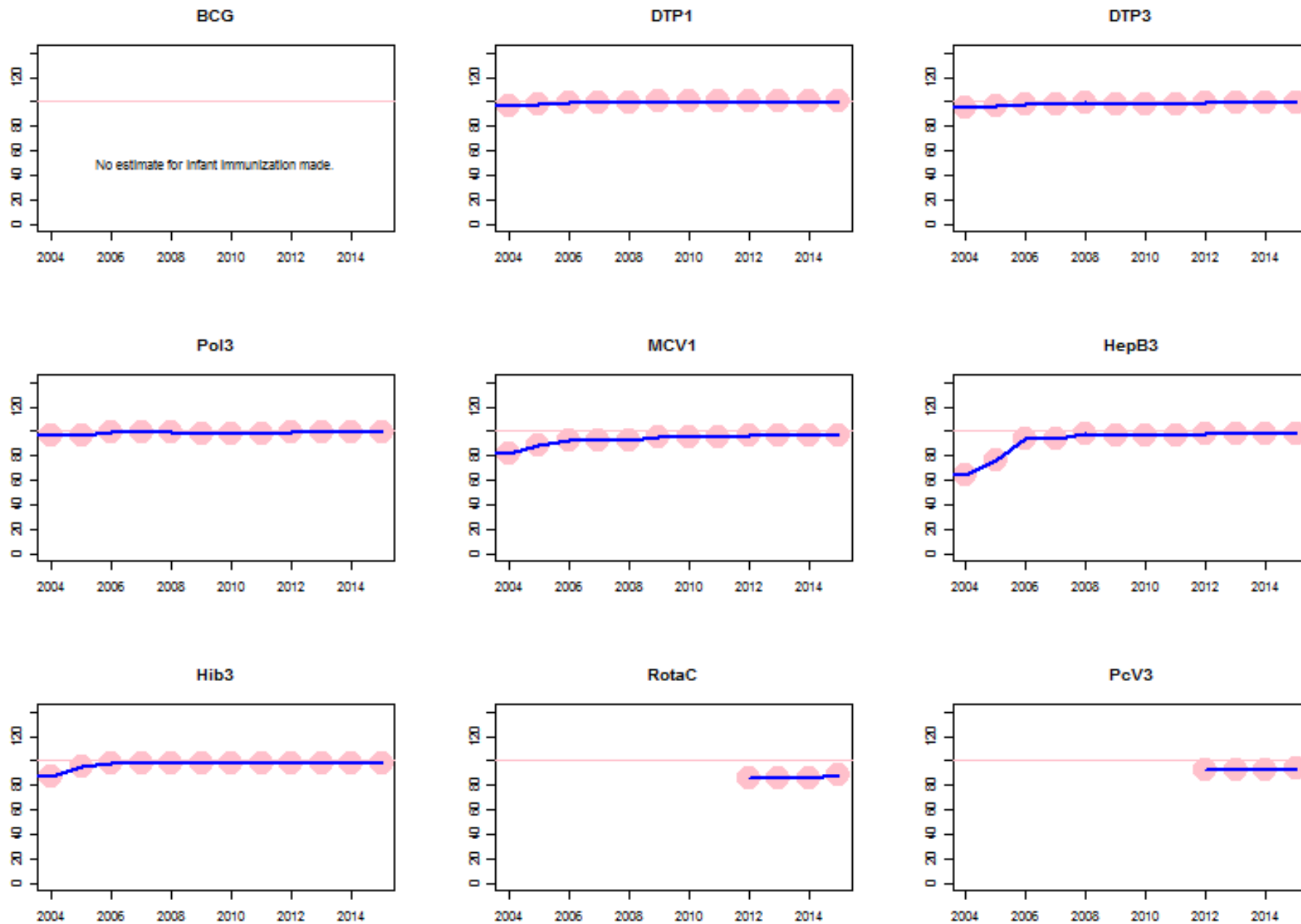
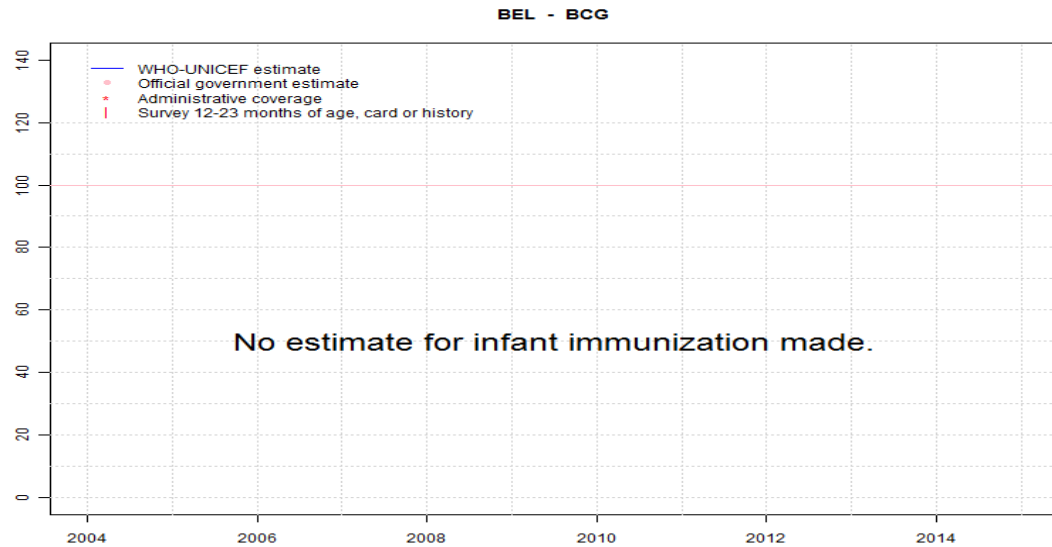


Belgium: WHO and UNICEF estimates of immunization coverage: 2015 revision



Belgium - 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

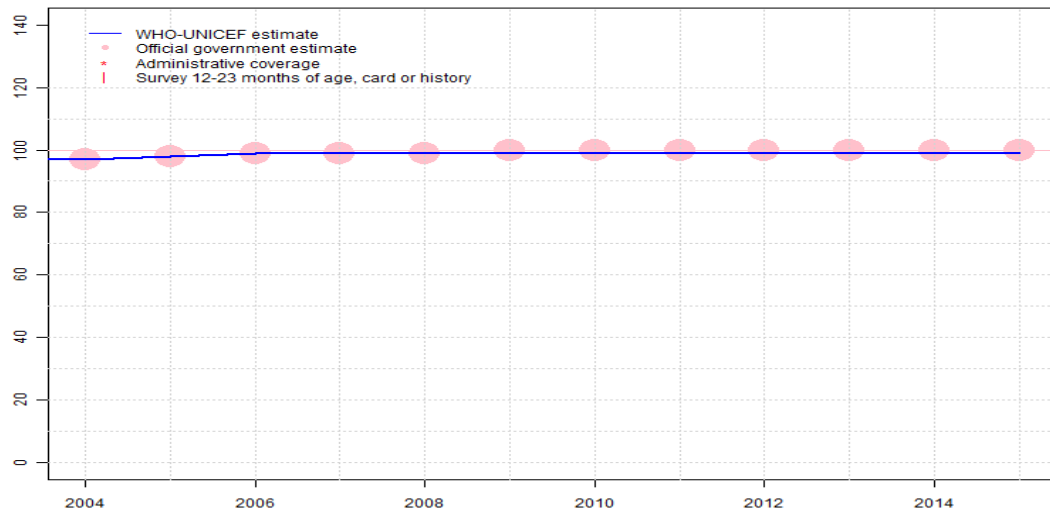
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Belgium - DTP1

BEL - DTP1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	97	98	99	99	99	99	99	99	99	99	99	99
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	97	98	99	99	99	100	100	100	100	100	100	100
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.

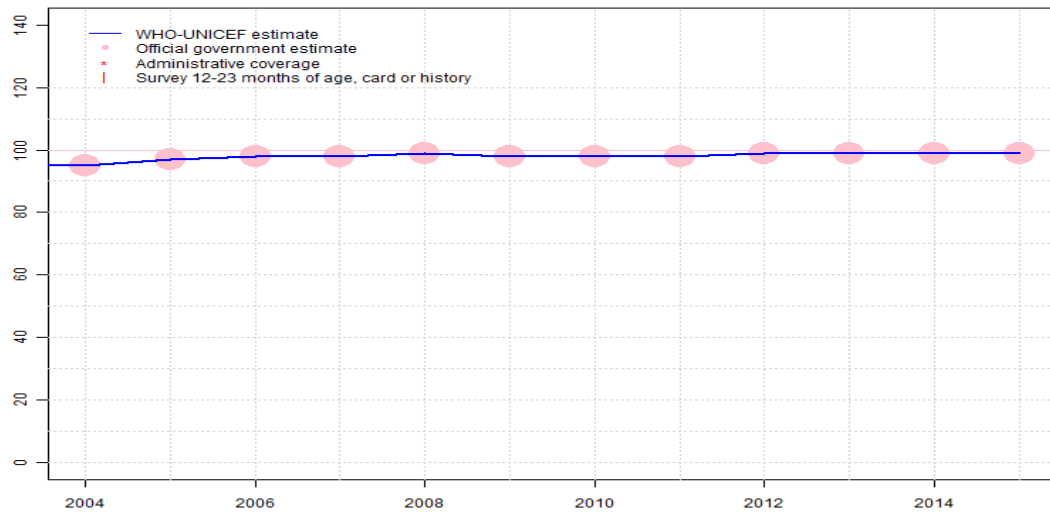
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - DTP3

BEL - DTP3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	95	97	98	98	99	98	98	98	99	99	99	99
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	95	97	98	98	99	98	98	98	99	99	99	99
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.

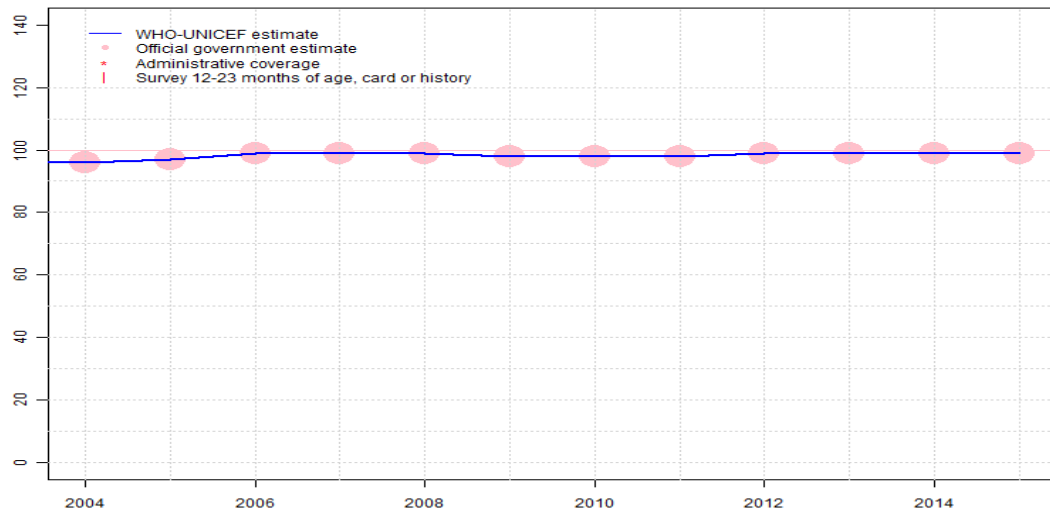
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - Pol3

BEL - Pol3



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

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- 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.

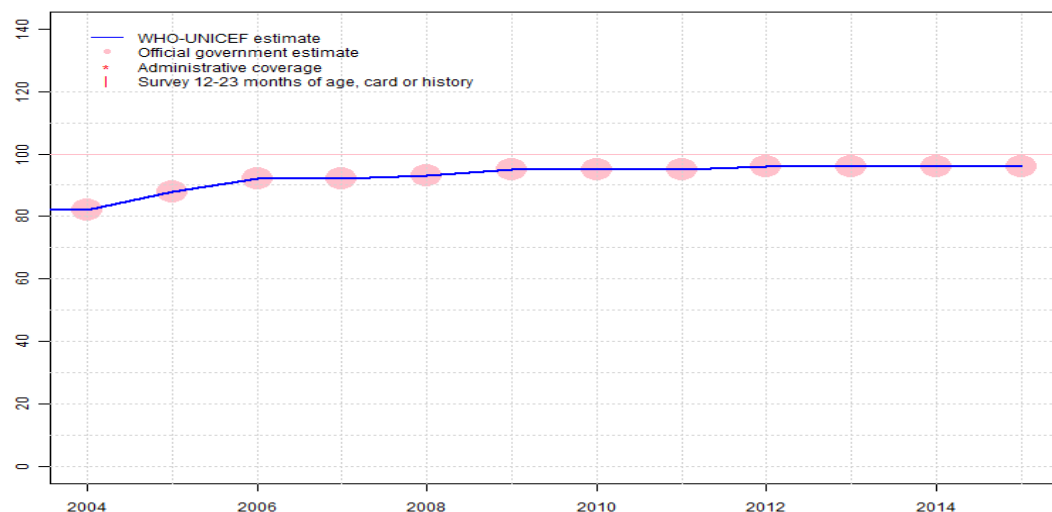
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - MCV1

BEL - MCV1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	82	88	92	92	93	95	95	95	96	96	96	96
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	82	88	92	92	93	95	95	95	96	96	96	96
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.
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- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

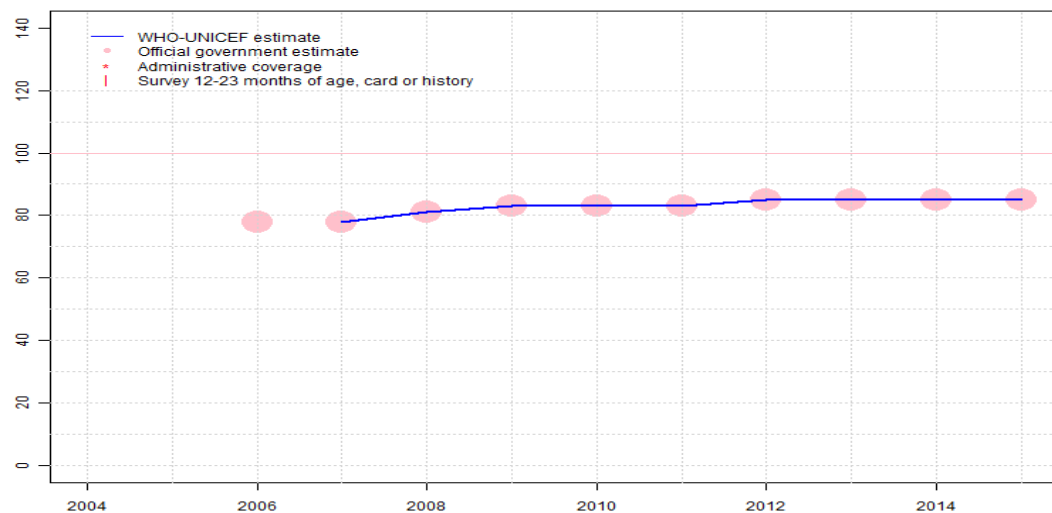
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

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. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - MCV2

BEL - MCV2



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

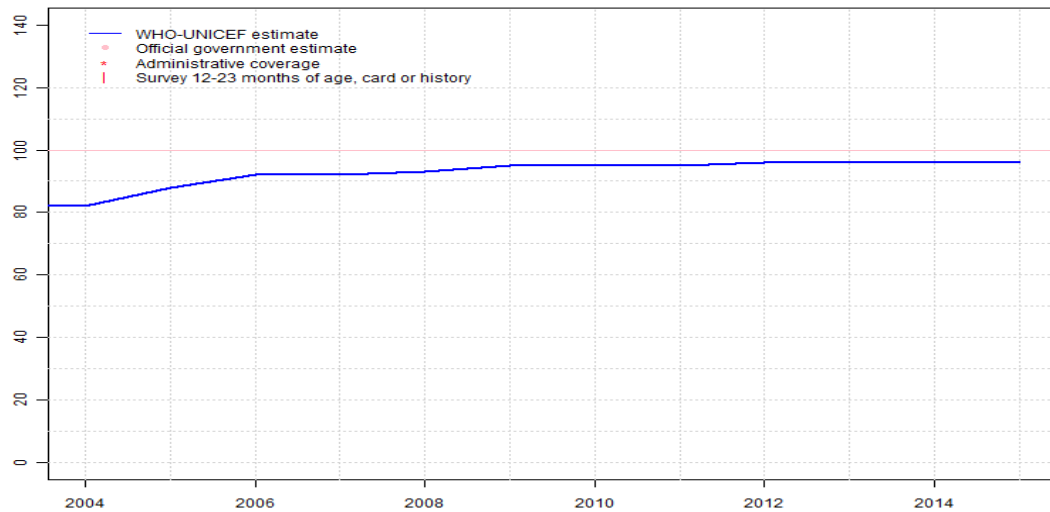
Description:

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

- 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. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - RCV1

BEL - RCV1



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	82	88	92	92	93	95	95	95	96	96	96	96
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:

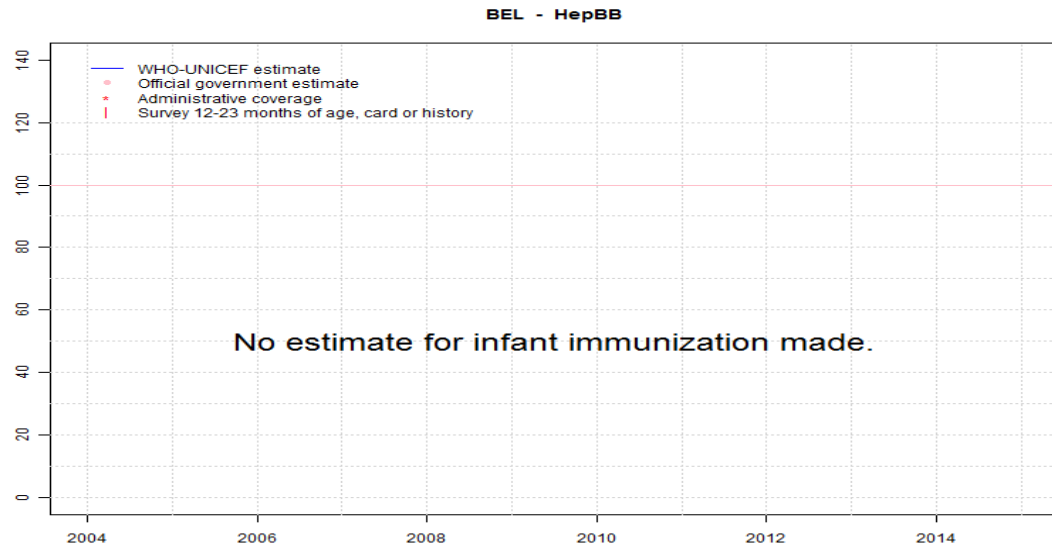
For this revision, coverage estimates for the first dose of rubella containing vaccine are based on WHO and UNICEF estimates of coverage of measles containing vaccine. Nationally reported coverage of rubella containing vaccine is not taken into consideration nor are they represented in the accompanying 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. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2010: Estimate based on estimated MCV1. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2011: Estimate based on estimated MCV1. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2012: Estimate based on estimated MCV1. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on estimated MCV1. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on estimated MCV1. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on estimated MCV1. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage

Belgium - RCV1

since the year of the most recent regional survey and year of calculation.
GoC=R+

Belgium - 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

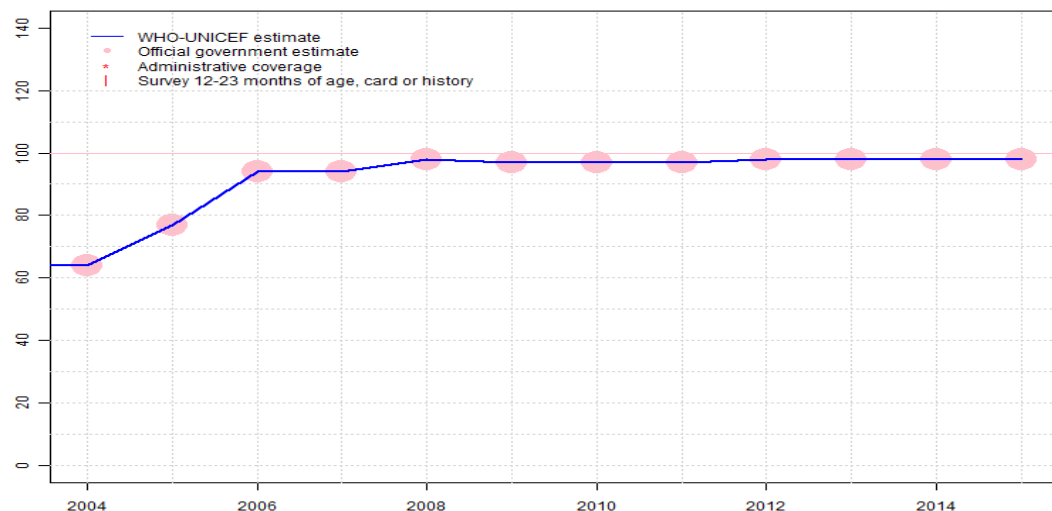
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- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While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

Belgium - HepB3

BEL - HepB3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	64	77	94	94	98	97	97	97	98	98	98	98
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	64	77	94	94	98	97	97	97	98	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.

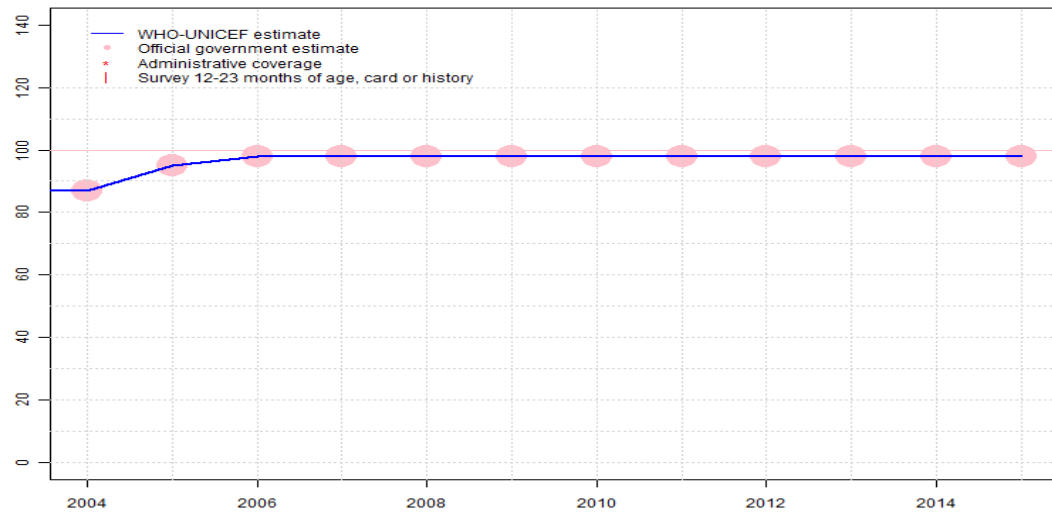
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2004: 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. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - Hib3

BEL - Hib3



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	87	95	98	98	98	98	98	98	98	98	98	98
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	87	95	98	98	98	98	98	98	98	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.

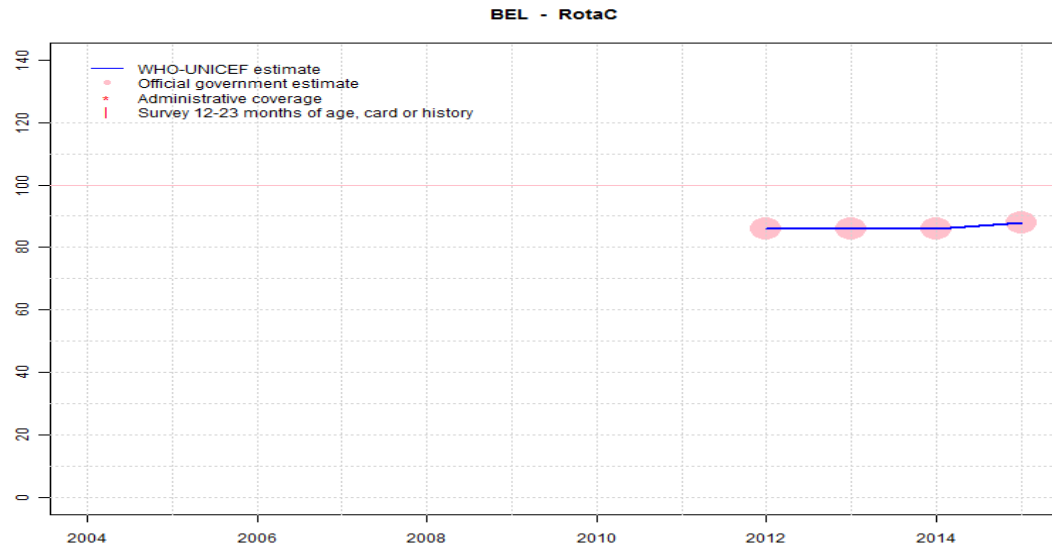
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2015 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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: 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+
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- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - RotaC



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	86	86	86	88
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	●●	●●	●●	●●
Official	NA	NA	NA	NA	NA	NA	NA	NA	86	86	86	88
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.

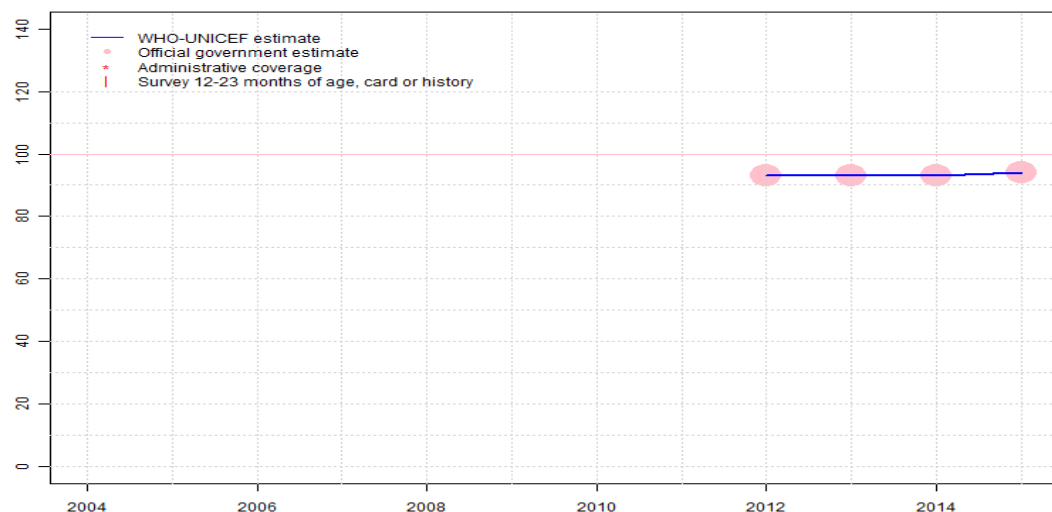
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. Rotavirus vaccine introduced in 2007. Reporting started in 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - PcV3

BEL - PcV3



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

- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. Pneumococcal vaccine introduced in 2006. Reporting started in 2012. GoC=R+
- 2013: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2014: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2015: Estimate based on coverage reported by national government. National government reports are based on population weighted regional survey results from Flanders (2012), Wallonia (2015) and Brussels (2012) and an assumption of stable coverage since the year of the most recent regional survey and year of calculation. GoC=R+

Belgium - survey details

2013 Enquête de couverture vaccinale des enfants de 18 à 24 mois en region de Wallonie - 2015

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP1	Card	100	18-24 m	546	97
DTP3	Card	99	18-24 m	546	97
HepB1	Card	99	18-24 m	546	97
HepB3	Card	98	18-24 m	546	97
Hib1	Card	100	18-24 m	546	97
Hib3	Card	99	18-24 m	546	97
MCV1	Card	96	18-24 m	546	97
PCV1	Card	98	18-24 m	546	97
PCV3	Card	93	18-24 m	546	97
Pol1	Card	100	18-24 m	546	97
Pol3	Card	99	18-24 m	546	97
RotaC	Card	88	18-24 m	546	97

2010 Enquête de couverture vaccinale des enfants de 18 à 24 mois en Région de Bruxelles-Capitale 2012

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP1	Card	100	18-24 m	538	98
DTP3	Card	99	18-24 m	538	98
HepB1	Card	97	18-24 m	538	98
HepB3	Card	96	18-24 m	538	98

Hib1	Card	97	18-24 m	538	98
Hib3	Card	97	18-24 m	538	98
MCV1	Card	94	18-24 m	538	98
PcV1	Card	97	18-24 m	538	98
PcV3	Card	90	18-24 m	538	98
Pol1	Card	100	18-24 m	538	98
Pol3	Card	99	18-24 m	538	98
RotaC	Card	73	18-24 m	538	98

2010 Studie van de vaccinatiegraad bij jonge kinderen en adolescenten in Vlaanderen in 2012

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP1	Card	100	18-24 m	874	92
DTP3	Card	99	18-24 m	874	92
HepB1	Card	99	18-24 m	874	92
HepB3	Card	98	18-24 m	874	92
Hib1	Card	99	18-24 m	874	92
Hib3	Card	99	18-24 m	874	92
MCV1	Card	97	18-24 m	874	92
PcV1	Card	99	18-24 m	874	92
PcV3	Card	96	18-24 m	874	92
Pol1	Card	100	18-24 m	874	92
Pol3	Card	99	18-24 m	874	92
RotaC	Card	92	18-24 m	874	92

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