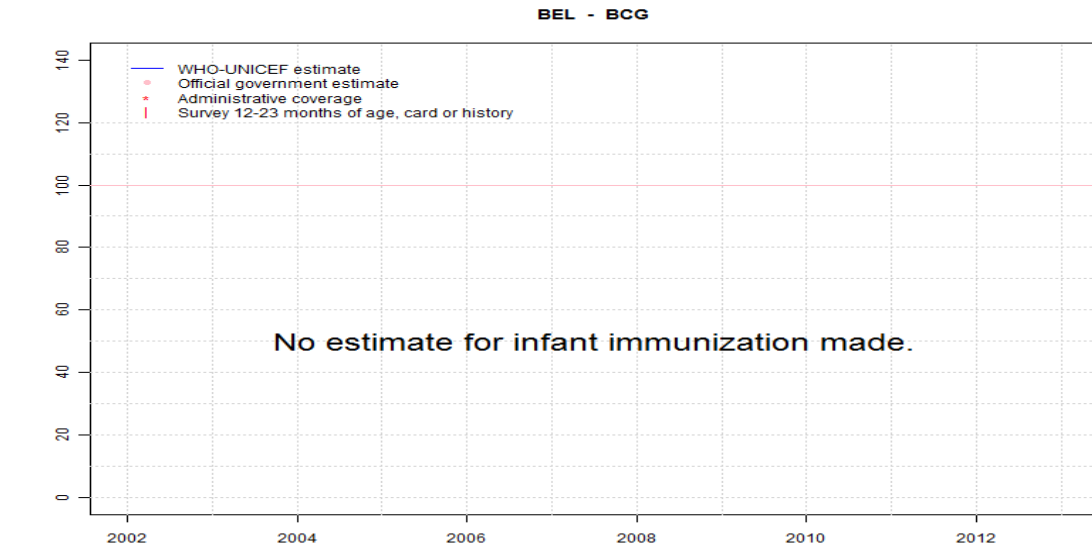


Belgium - BCG



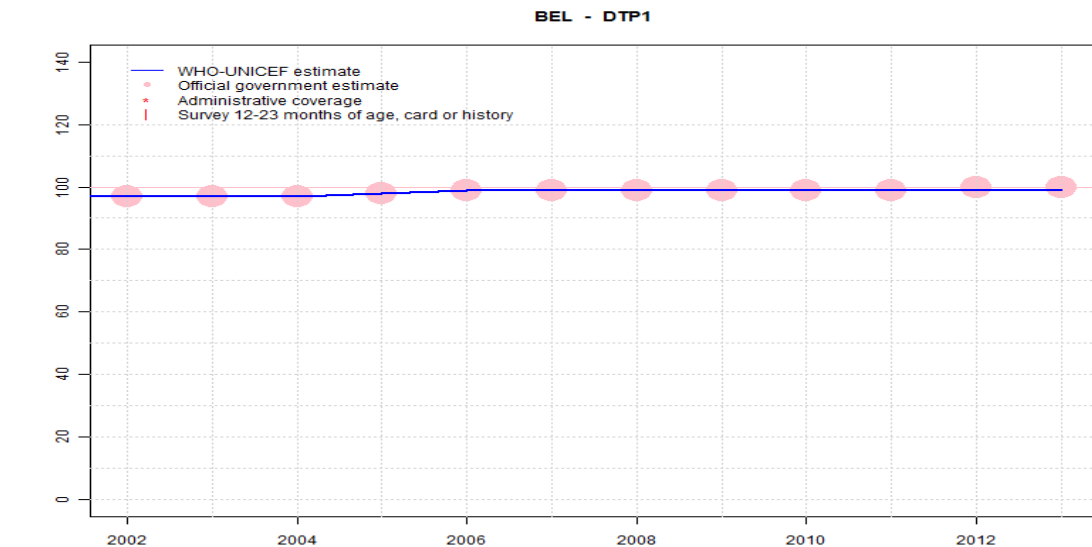
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

Belgium - DTP1



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

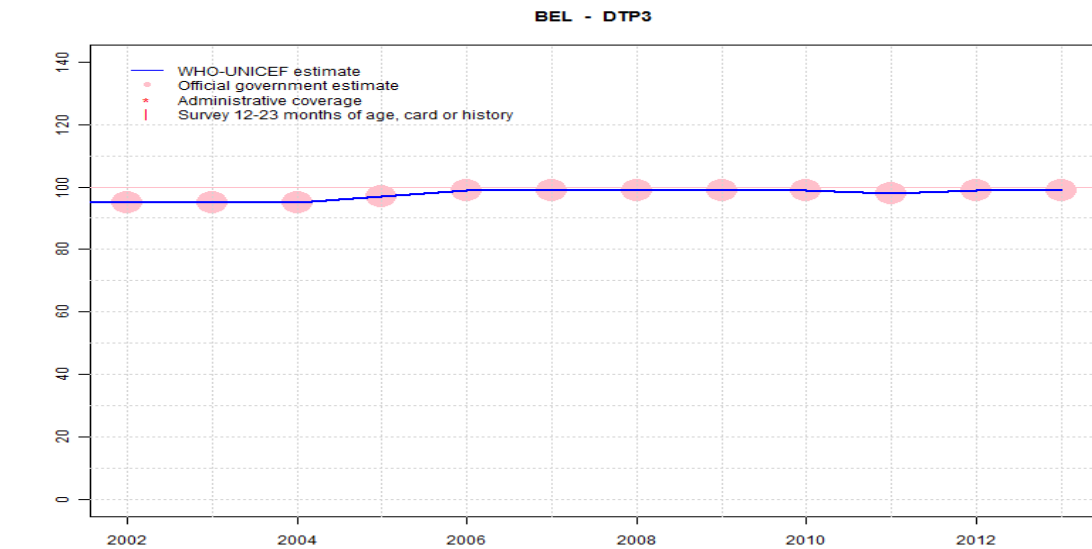
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. GoC=R+
- 2009: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted 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 survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+

Belgium - DTP3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	95	95	95	97	99	99	99	99	99	98	99	99
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	95	95	95	97	99	99	99	99	99	98	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

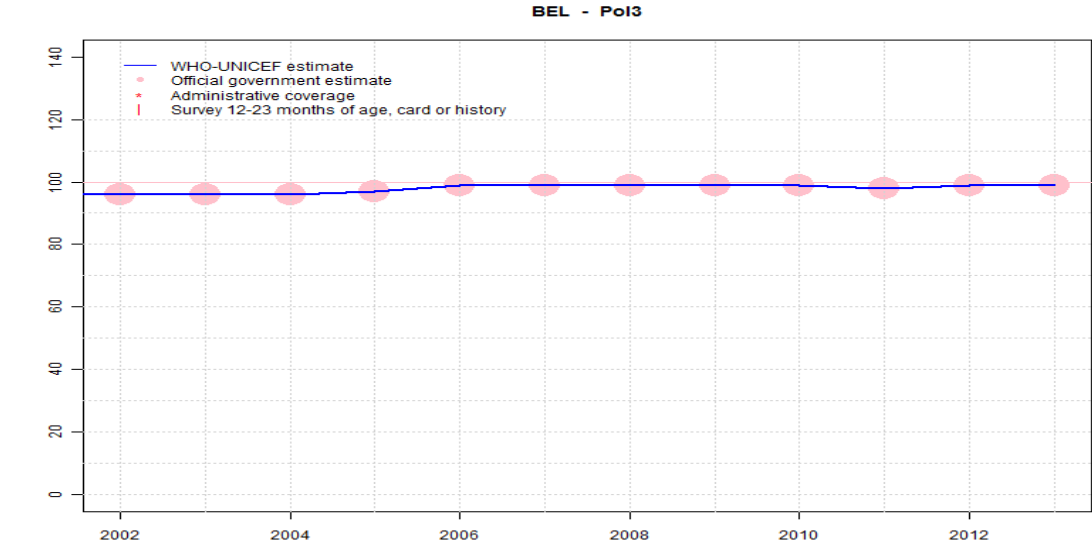
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 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. GoC=R+
- 2009: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted 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 survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+



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

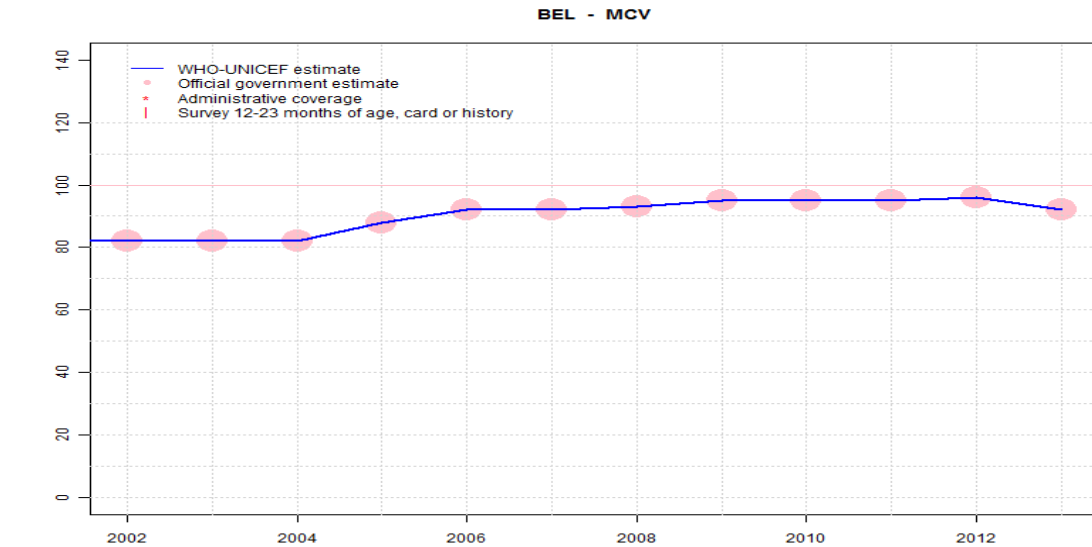
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. GoC=R+
- 2009: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted 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 survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+

Belgium - MCV



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	82	82	82	88	92	92	93	95	95	95	96	92
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	82	82	82	88	92	92	93	95	95	95	96	92
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

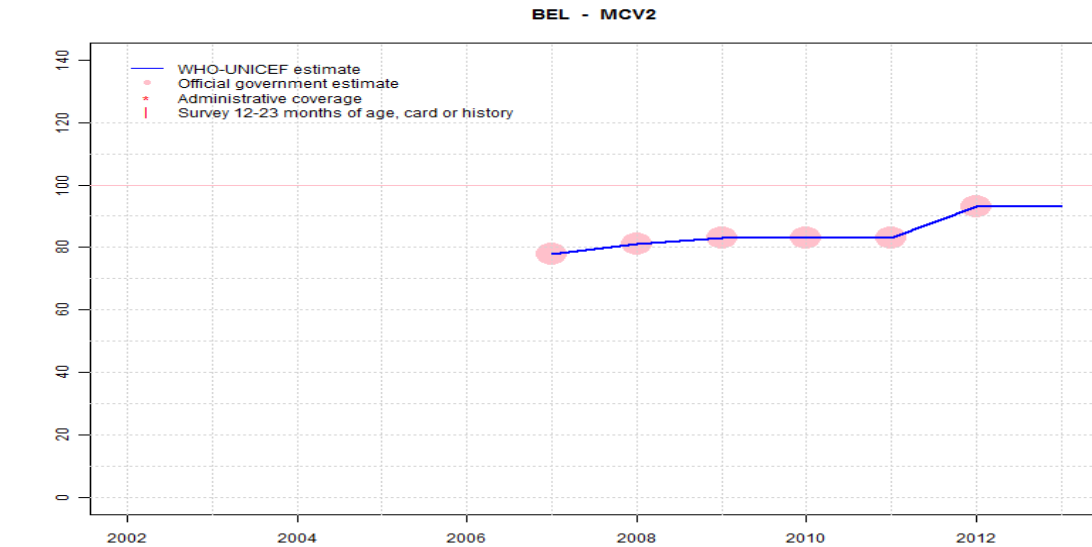
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. GoC=R+
- 2009: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted 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 survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+

Belgium - MCV2



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	78	81	83	83	83	93	93
Estimate GoC	NA	NA	NA	NA	NA	••	••	••	••	••	••	•
Official	NA	NA	NA	NA	NA	78	81	83	83	83	93	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.

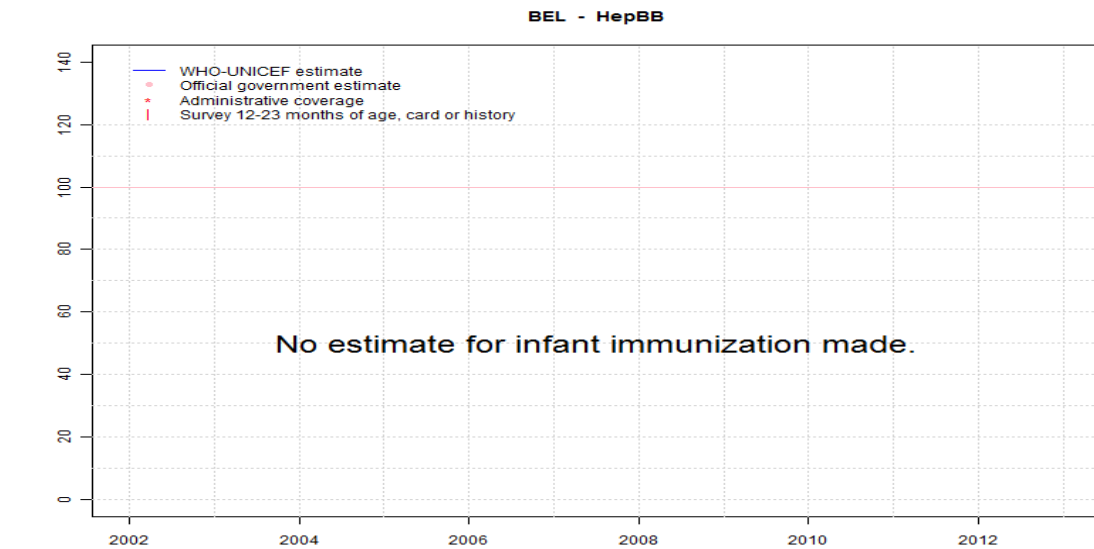
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

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 survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+
- 2013: Estimate based on extrapolation from data reported by national government. National government reports are based on population weighted survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=No accepted empirical data

Belgium - HepBB



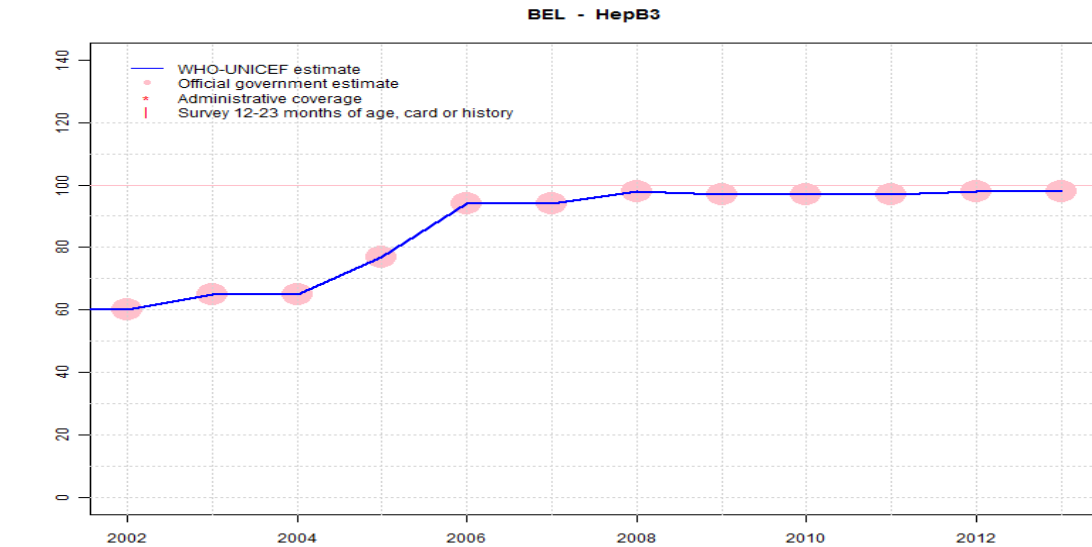
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

Belgium - HepB3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	60	65	65	77	94	94	98	97	97	97	98	98
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	••
Official	60	65	65	77	94	94	98	97	97	97	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.

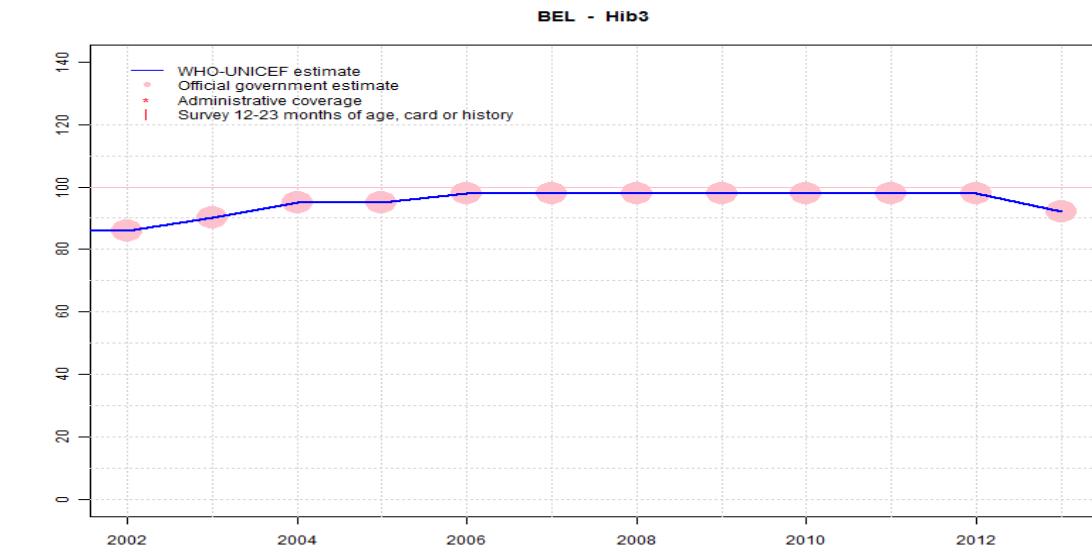
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. GoC=R+
- 2009: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted 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 survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+

Belgium - Hib3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	86	90	95	95	98	98	98	98	98	98	98	92
Estimate GoC	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Official	86	90	95	95	98	98	98	98	98	98	98	92
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

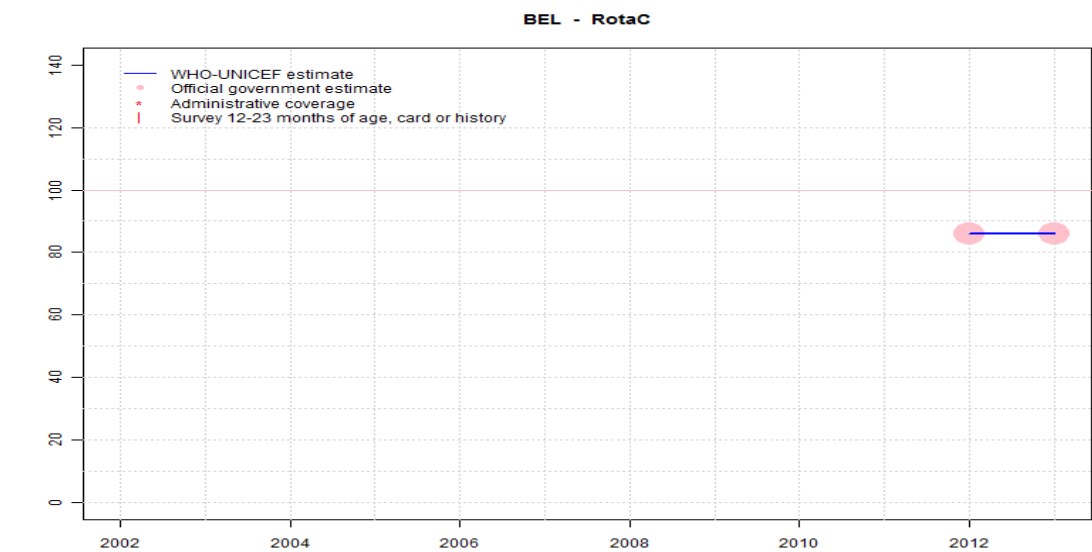
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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. GoC=R+
- 2009: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2010: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2011: Estimate based on coverage reported by national government. National government reports are based on population weighted survey results from Flanders (2008), Wallonia (2009) and Brussels (2006) and an assumption of stable coverage since 2006. GoC=R+
- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted 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 survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+

Belgium - RotaC



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86	86
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	●●	●●
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86	86
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.

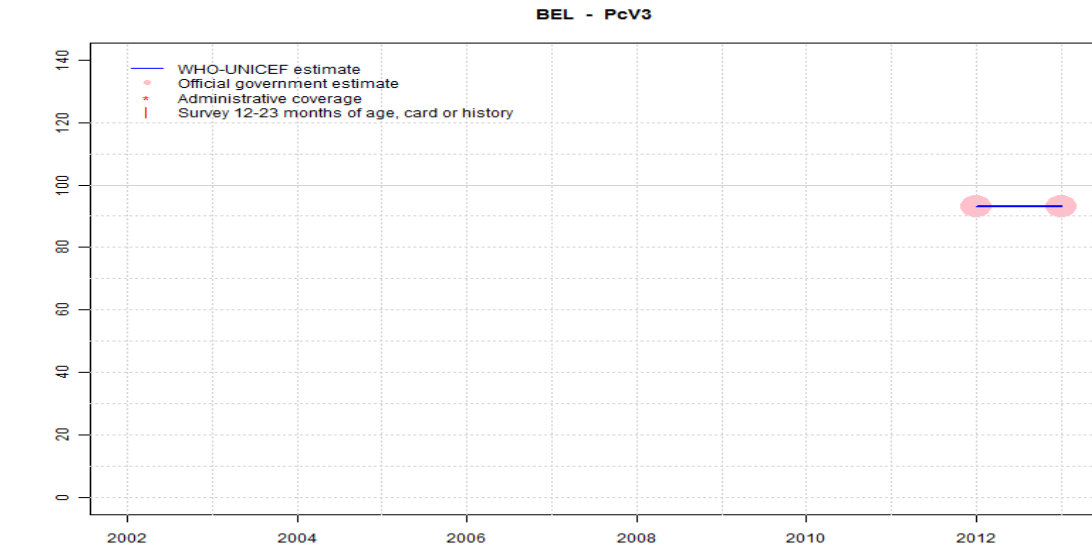
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

- 2012: Estimate based on coverage reported by national government. National government reports are based on population weighted 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 survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+

Belgium - PcV3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93	93
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	●●	●●
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93	93
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

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

2012: Estimate based on coverage reported by national government. National government reports are based on population weighted 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 survey results from Flanders (2012), Wallonia (2012) and Brussels (2012) and an assumption of stable coverage from 2012. GoC=R+

Belgium - survey details

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
MCV	Card	94	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 adoles-
centen 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
MCV	Card	97	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 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