

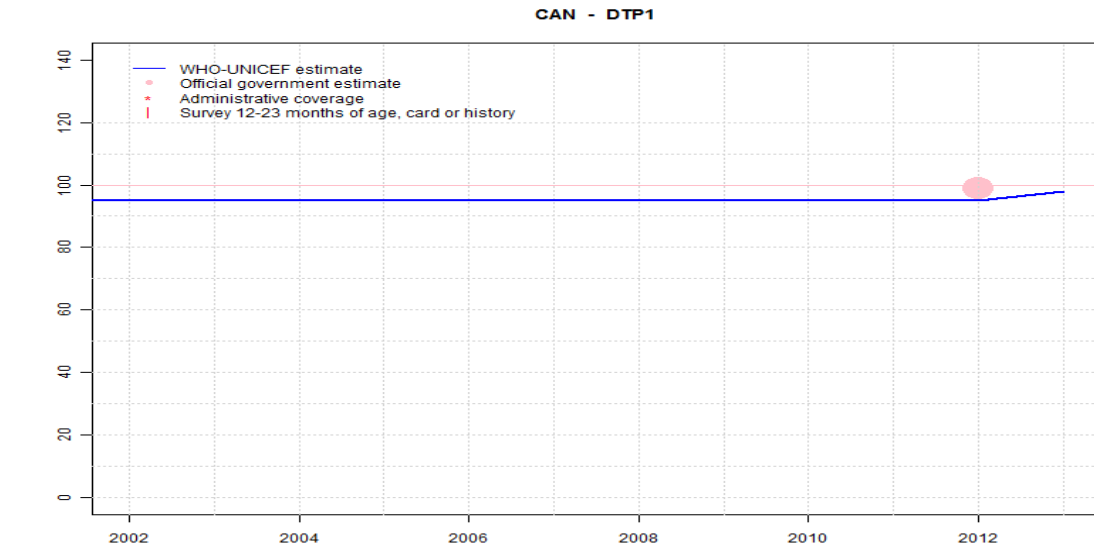
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

# Canada - DTP1



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	95	95	95	95	95	95	95	95	95	95	95	98
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99	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.

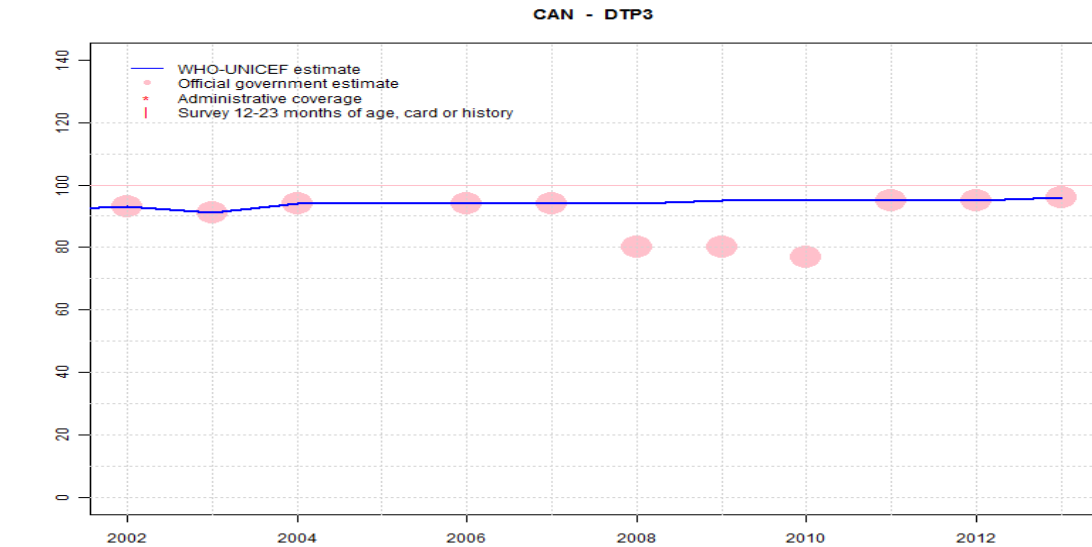
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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: Reported data calibrated to 1997 levels. Estimate of 95 percent changed from previous revision value of 97 percent. GoC=No accepted empirical data
- 2003: Reported data calibrated to 1997 levels. Estimate of 95 percent changed from previous revision value of 97 percent. GoC=No accepted empirical data
- 2004: Reported data calibrated to 1997 levels. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2005: Reported data calibrated to 1997 levels. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2006: Reported data calibrated to 1997 levels. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2007: Reported data calibrated to 1997 levels. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2008: Reported data calibrated to 1997 levels. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2009: Reported data calibrated to 1997 levels. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2010: Reported data calibrated to 1997 levels. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2011: Reported data calibrated to 1997 levels. Estimate is based on reported data. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2012: Reported data calibrated to 1997 levels. Estimate is based on reported data. Estimate of 95 percent changed from previous revision value of 98 percent. GoC=No accepted empirical data
- 2013: DTP1 coverage estimated based on DTP3 coverage of 96. Estimate is based on reported data. GoC=No accepted empirical data

# Canada - DTP3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	93	91	94	94	94	94	94	95	95	95	95	96
Estimate GoC	••	••	••	•	••	••	•	•	•	••	••	••
Official	93	91	94	NA	94	94	80	80	77	95	95	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

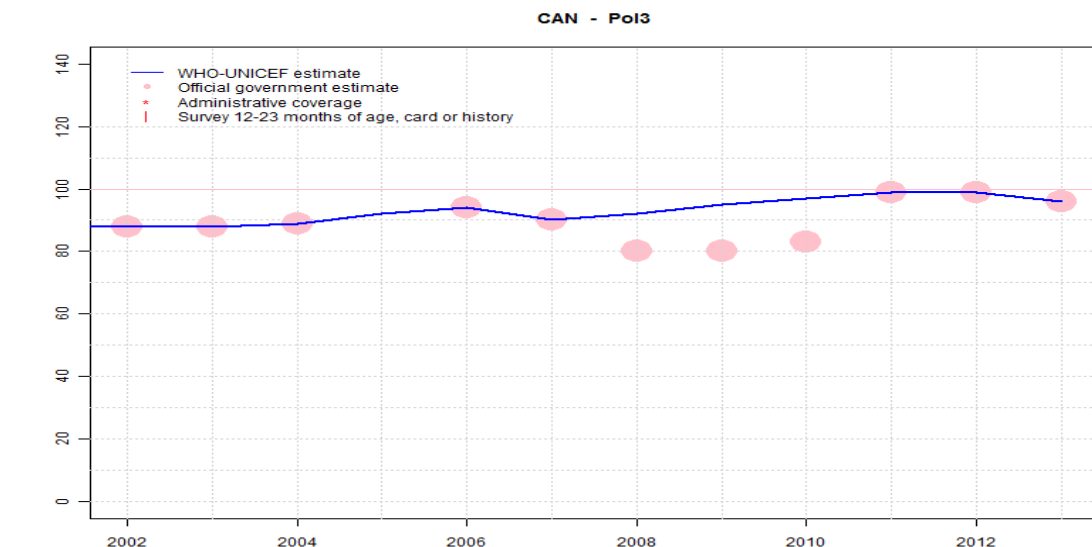
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 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 interpolation between data reported by national government. GoC=No accepted empirical data
- 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 interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey. GoC=No accepted empirical data
- 2009: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2010: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2011: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	88	88	89	92	94	90	92	95	97	99	99	96
Estimate GoC	••	••	••	•	••	••	•	•	•	••	••	••
Official	88	88	89	NA	94	90	80	80	83	99	99	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.

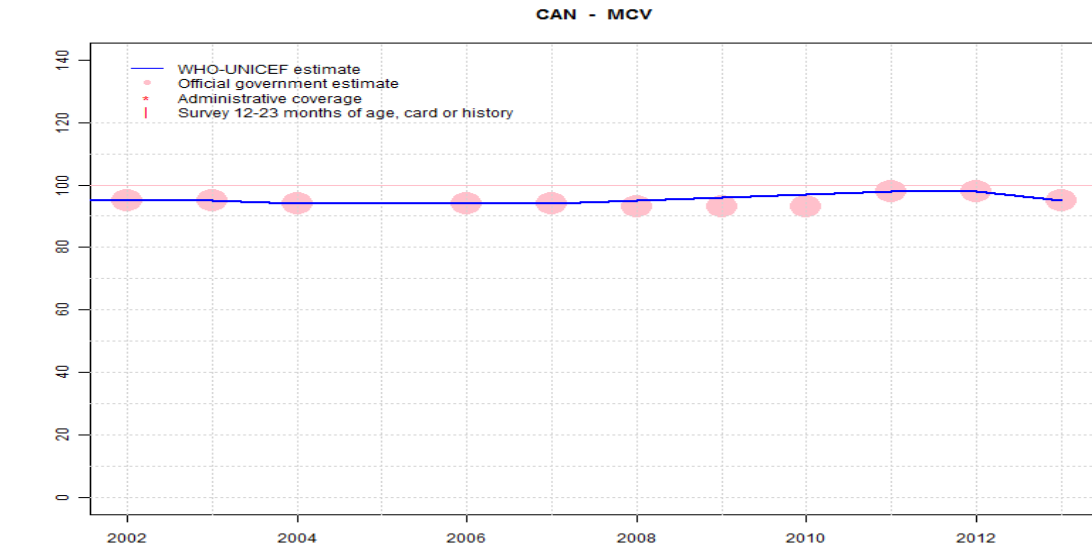
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 interpolation between data reported by national government. GoC=No accepted empirical data
- 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 interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey. GoC=No accepted empirical data
- 2009: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2010: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2011: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+

# Canada - MCV



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	95	95	94	94	94	94	95	96	97	98	98	95
Estimate GoC	••	••	••	•	••	••	•	•	•	••	••	••
Official	95	95	94	NA	94	94	93	93	93	98	98	95
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

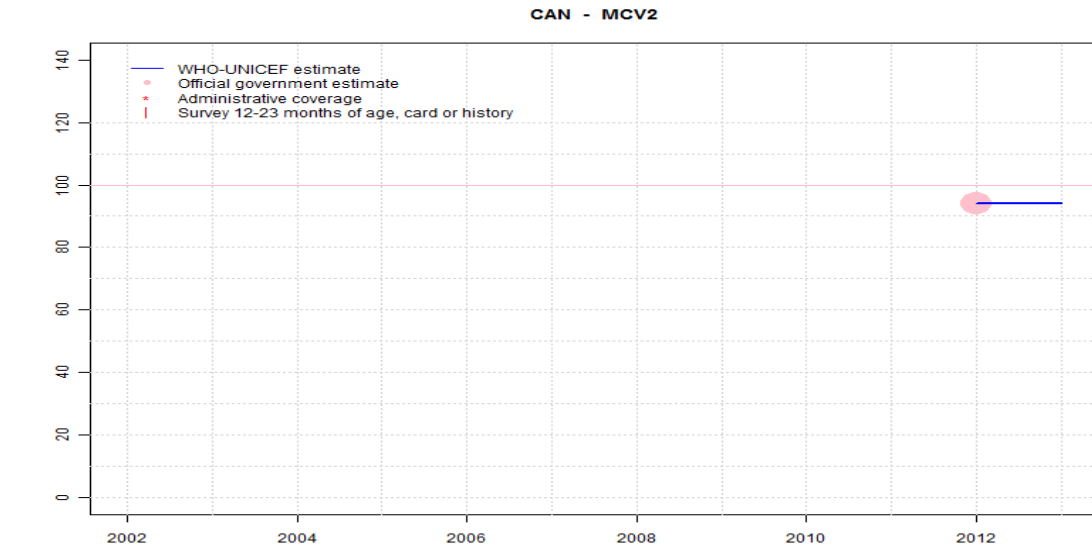
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 interpolation between data reported by national government. GoC=No accepted empirical data
- 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 interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey. GoC=No accepted empirical data
- 2009: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2010: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2011: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+

# Canada - MCV2



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	94	94
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	●●	●
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	94	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.

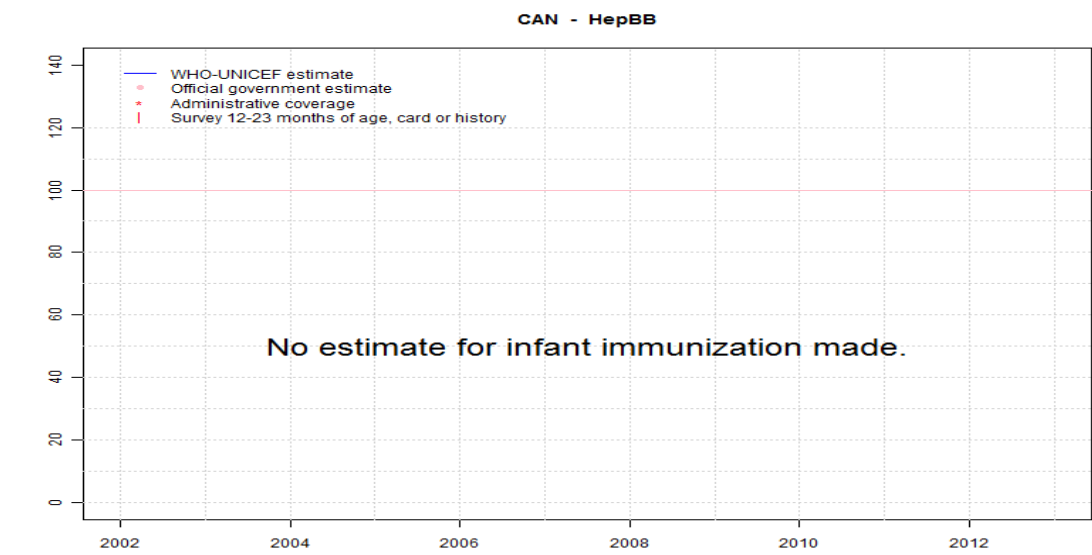
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## Description:

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

2012: Estimate based on coverage reported by national government. MCV second dose introduced in 1997. Reporting started in 2012. Estimate is based on reported data. GoC=R+

2013: Estimate based on extrapolation from data reported by national government. Estimate is based on reported data. GoC=No accepted empirical data



	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

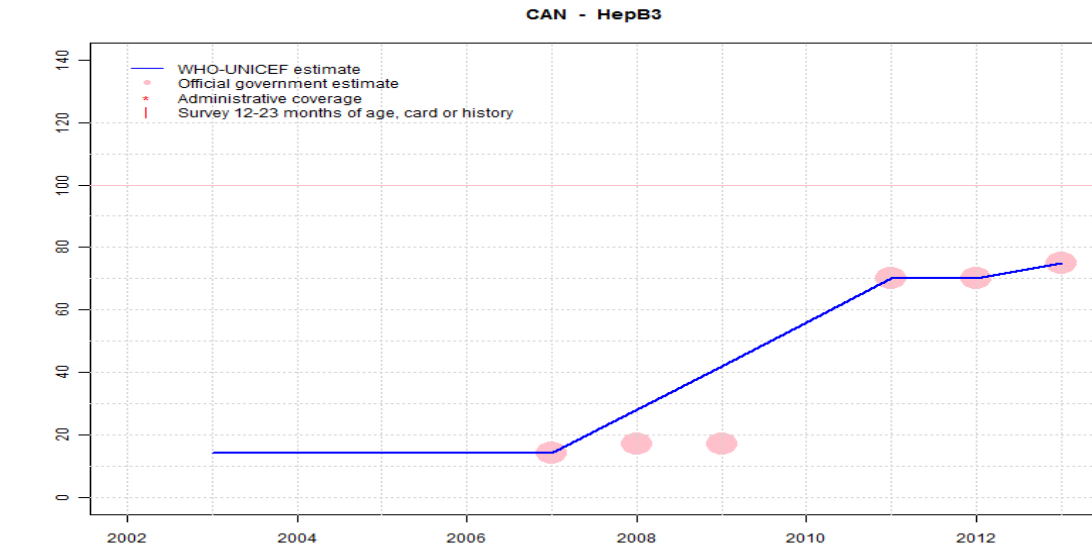
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- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While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

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# Canada - HepB3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	14	14	14	14	14	28	42	56	70	70	75
Estimate GoC	NA	•	•	•	•	••	•	•	•	••	••	••
Official	NA	NA	NA	NA	NA	14	17	17	NA	70	70	75
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.

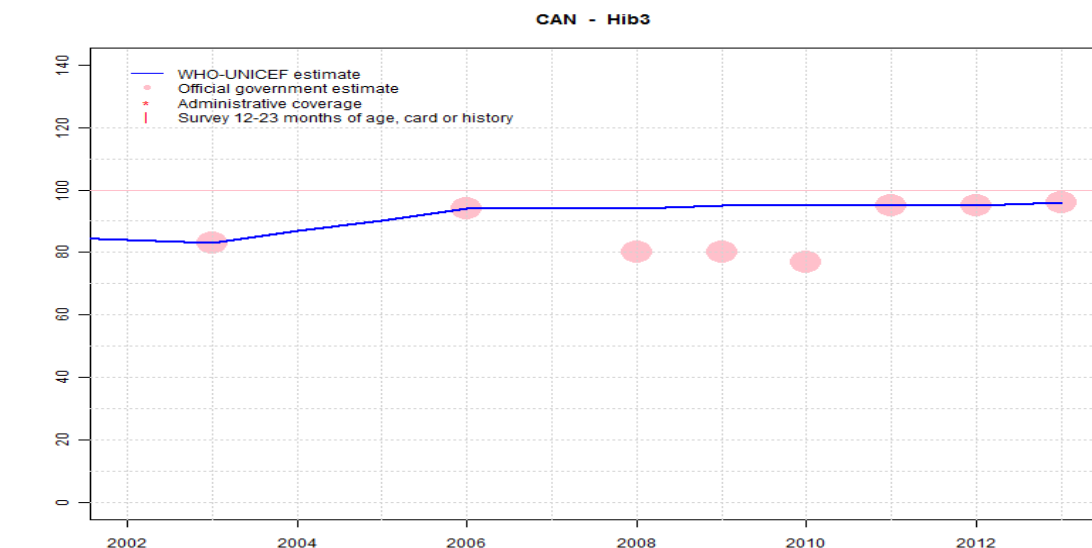
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

- 2003: Estimate based on extrapolation from data reported by national government. HepB vaccine introduced in 1998. Reporting started in 2003. Vaccine presentation is monovalent HepB. GoC=No accepted empirical data
- 2004: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2005: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2006: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2007: Estimate based on coverage reported by national government. GoC=R+
- 2008: Estimate based on interpolation between reported values. Reported data excluded. Decline in coverage unexplained. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey. GoC=No accepted empirical data
- 2009: Estimate based on interpolation between reported values. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2010: Estimate based on interpolation between reported values. GoC=No accepted empirical data
- 2011: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+

# Canada - Hib3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	84	83	87	90	94	94	94	95	95	95	95	96
Estimate GoC	•	••	•	•	••	•	•	•	•	••	••	••
Official	NA	83	NA	NA	94	NA	80	80	77	95	95	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

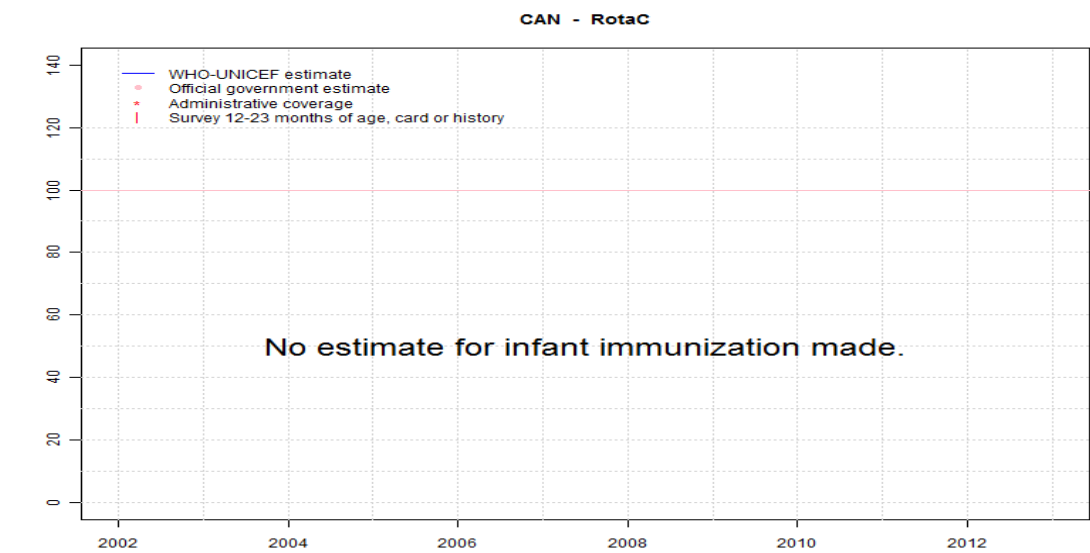
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 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 interpolation between data reported by national government. GoC=No accepted empirical data
- 2003: Estimate based on coverage reported by national government. GoC=R+
- 2004: Estimate based on interpolation between data reported by national government. GoC=No accepted empirical data
- 2005: Estimate based on interpolation between data reported by national government. GoC=No accepted empirical data
- 2006: Estimate based on coverage reported by national government. GoC=R+
- 2007: Estimate based on interpolation between data reported by national government. GoC=No accepted empirical data
- 2008: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey. GoC=No accepted empirical data
- 2009: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2010: Estimate based on interpolation between data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2011: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+



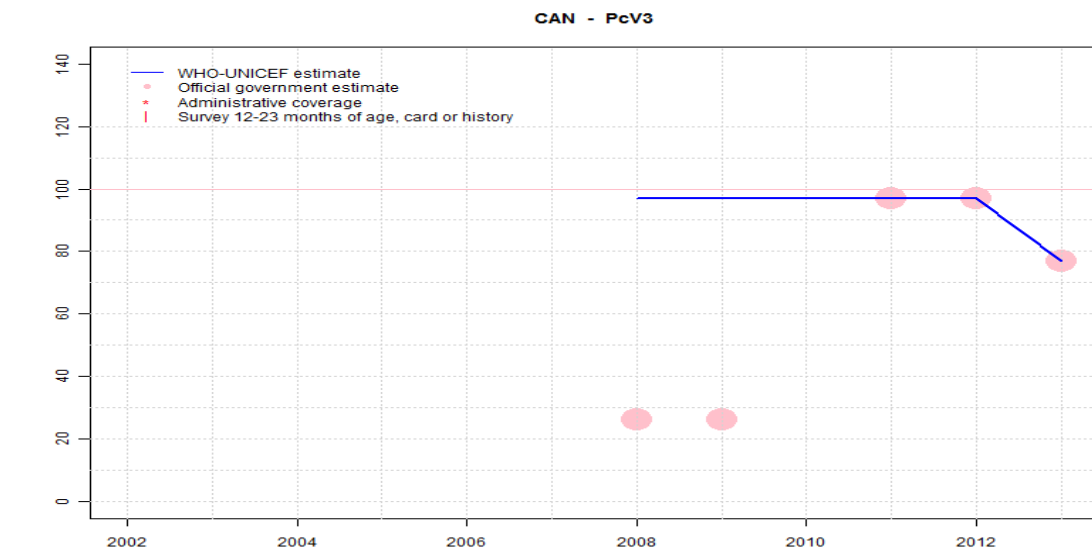
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

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# Canada - PcV3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	97	97	97	97	97	77
Estimate GoC	NA	NA	NA	NA	NA	NA	•	•	•	••	••	••
Official	NA	NA	NA	NA	NA	NA	26	26	NA	97	97	77
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:

- 2008: Estimate based on extrapolation from data reported by national government. Reported data excluded. Decline in coverage unexplained. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey. Pneumococcal conjugate vaccine introduced in 2002, reporting started in 2008. GoC=No accepted empirical data
- 2009: Estimate based on extrapolation from data reported by national government. Reported data excluded. Decline in coverage unexplained. GoC=No accepted empirical data
- 2010: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2011: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2012: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+
- 2013: Estimate based on coverage reported by national government. Estimate is based on reported data. GoC=R+

# Canada - survey details

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## 2003 National Immunization Coverage Survey 2004

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
HepB3	Card	14	20-40 m	-	-
MCV	Card	94	20-40 m	-	-
Pol3	Card	89	20-40 m	-	-

## 2000 Canada, National Immunization Coverage Survey, 2002

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
DTP3	History	91	24-35 m	629	85
MCV	History	94	24-35 m	629	85
Pol3	History	88	24-35 m	629	85

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