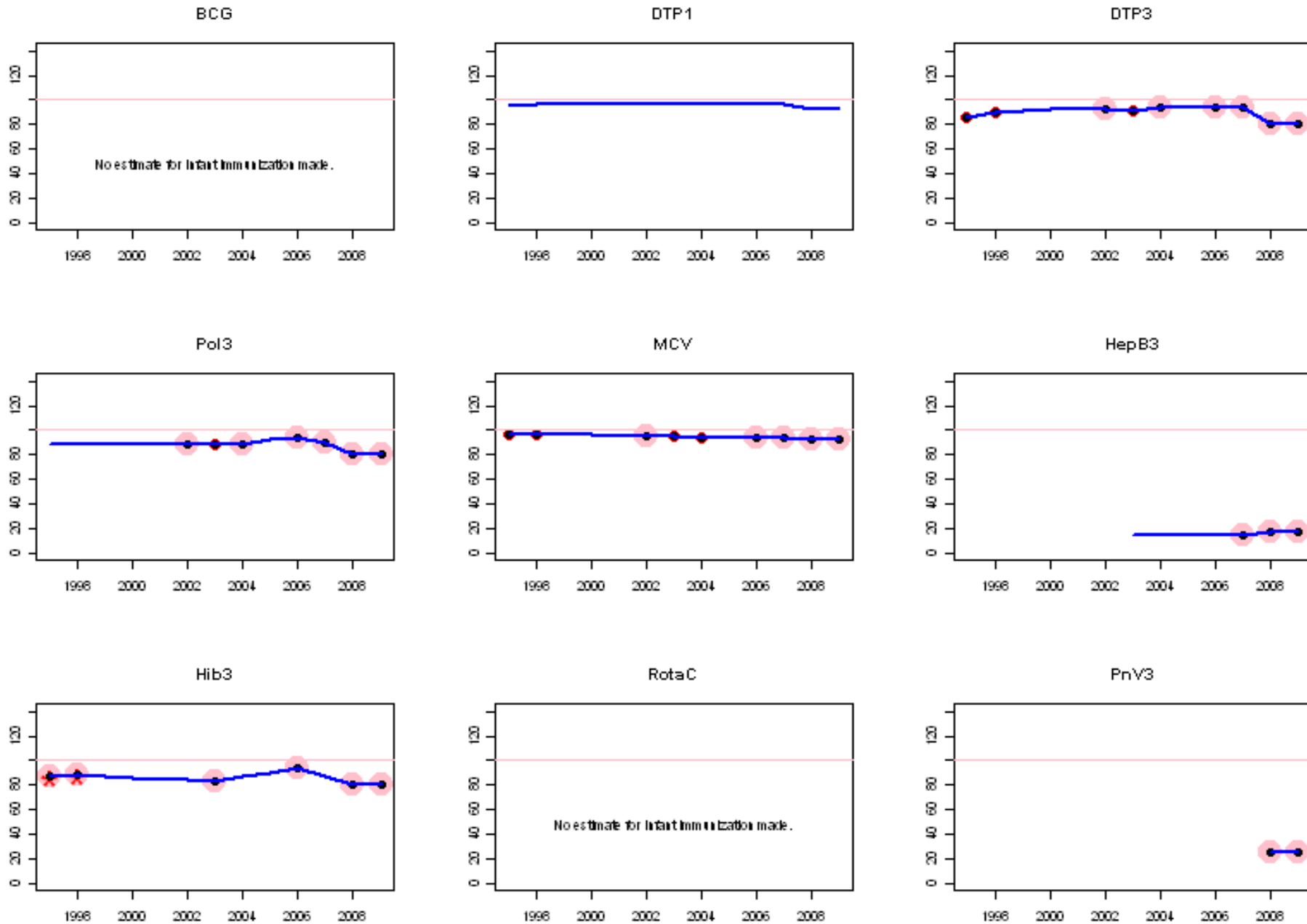
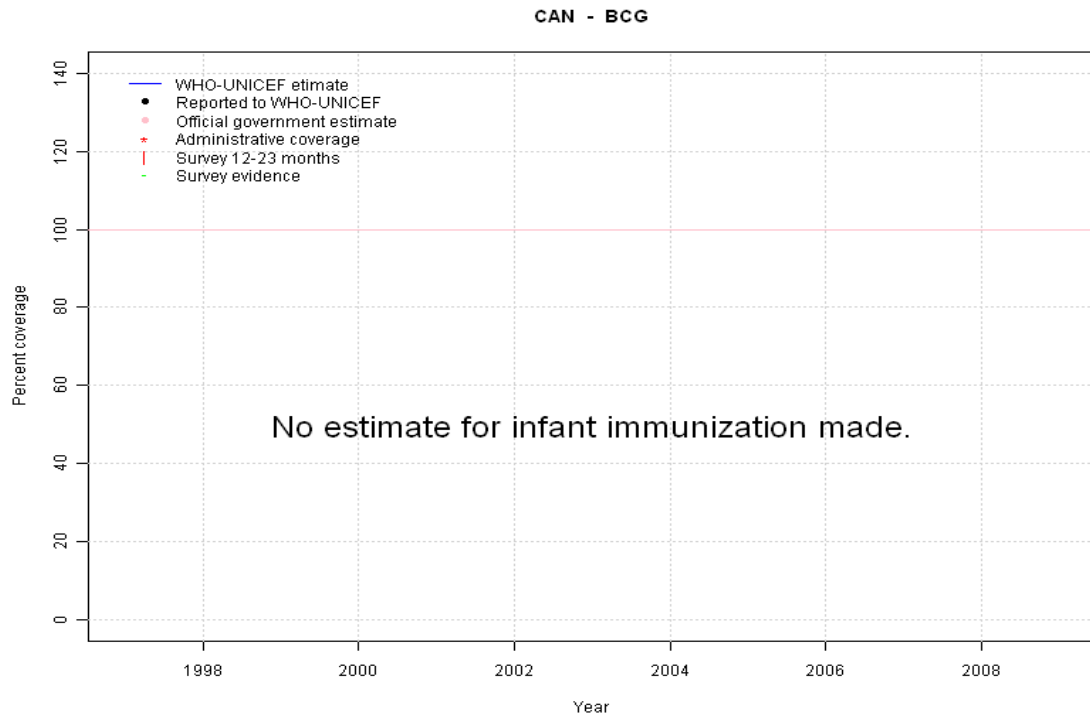


Canada: WHO and UNICEF estimates of immunization coverage, 1997 - 2009



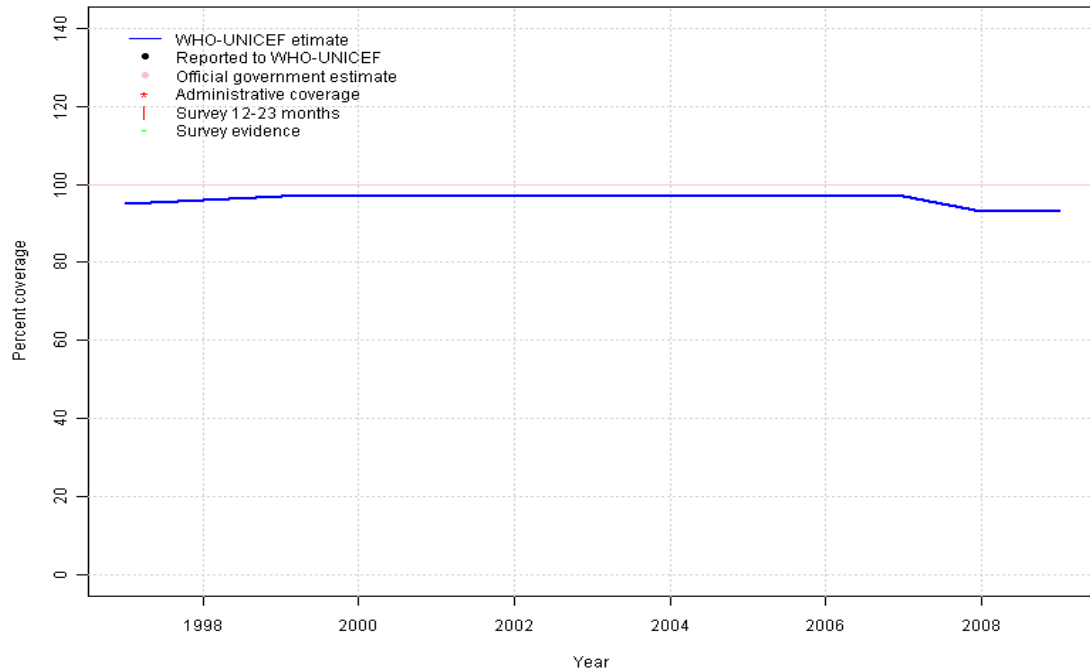
# Canada - BCG



|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
| Reported       | NA   | 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   | NA   |
| Administrative | NA   | 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   | NA   |

# Canada - DTP1

CAN - DTP1

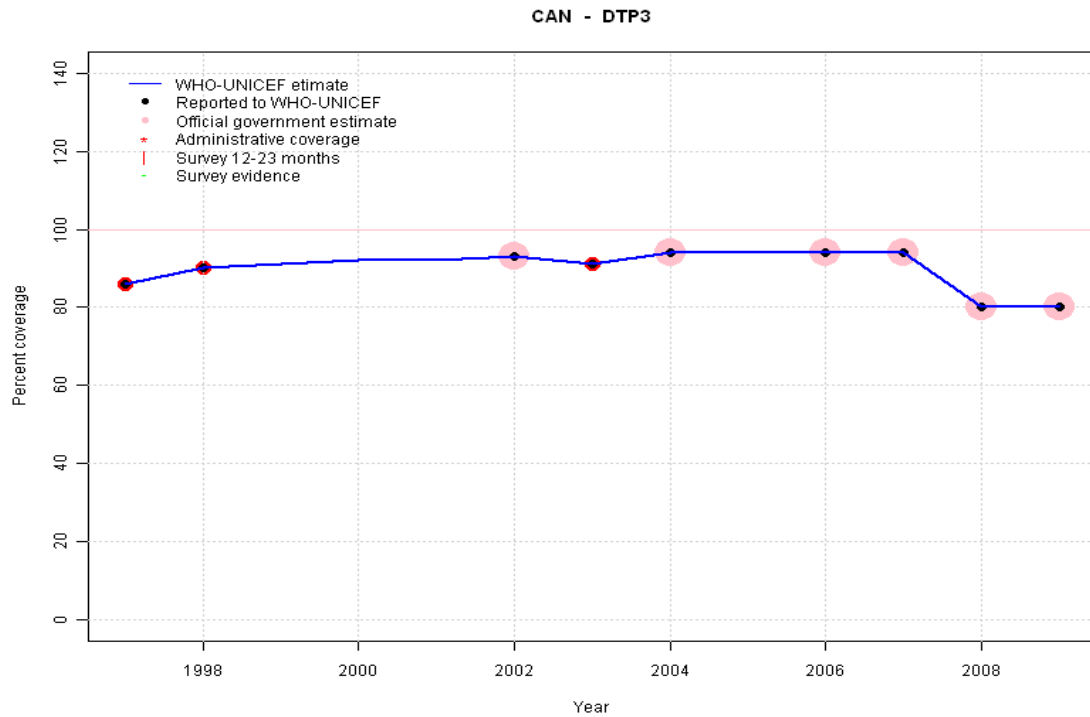


|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 95   | 96   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 97   | 93   | 93   |
| Reported       | NA   | 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   | NA   |
| Administrative | NA   | 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   | NA   |

## Description:

- 1997: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 1998: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 1999: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2000: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2001: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2002: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2003: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2004: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2005: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2006: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2007: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.
- 2008: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey.
- 2009: No DTP1 data available for any year; estimate based on the relationship between DTP1 and DTP3 from 282 surveys.

# Canada - DTP3



## Description:

1997: Legacy estimate.

1998: Estimate based on reported data.

1999: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 90 percent in 1998 and 93 percent in 2002.

2000: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 90 percent in 1998 and 93 percent in 2002.

2001: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 90 percent in 1998 and 93 percent in 2002.

2002: Estimate based on reported data.

2003: Estimate based on reported data.

2004: Estimate based on reported data.

2005: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 94 percent in 2004 and 94 percent in 2006.

2006: Estimate based on reported data.

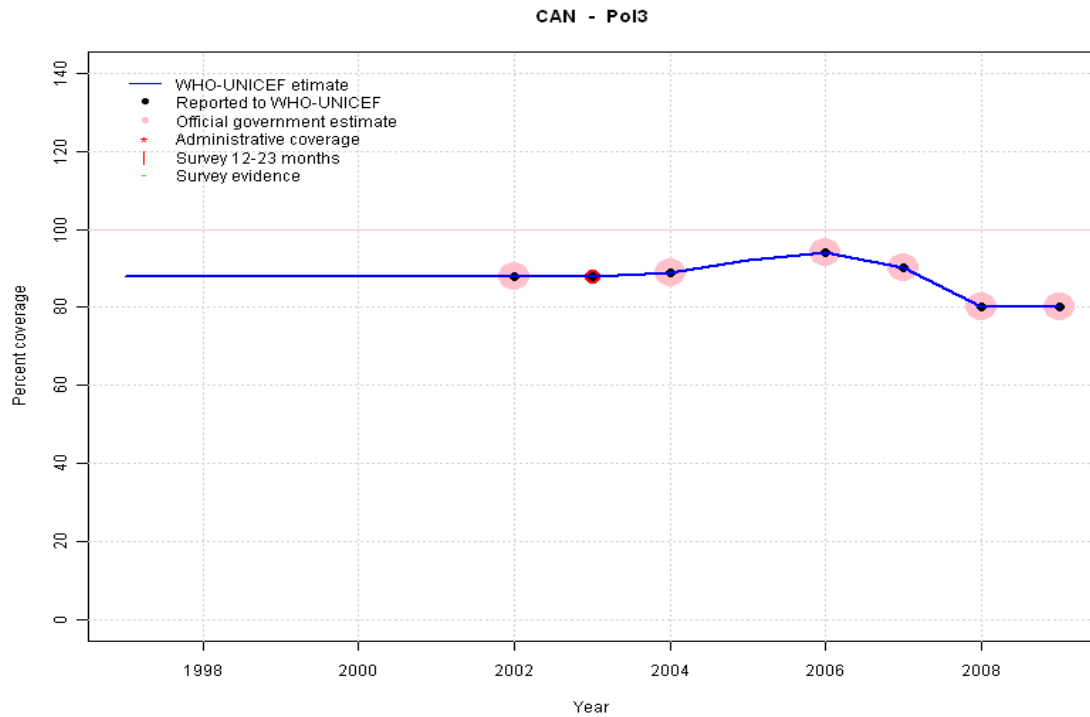
2007: Estimate based on reported data.

2008: Estimate based on reported data. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey.

2009: Estimate based on reported data.

|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 86   | 90   | 91   | 92   | 92   | 93   | 91   | 94   | 94   | 94   | 94   | 80   | 80   |
| Reported       | 86   | 90   | NA   | NA   | NA   | 93   | 91   | 94   | NA   | 94   | 94   | 80   | 80   |
| Official       | NA   | NA   | NA   | NA   | NA   | 93   | NA   | 94   | NA   | 94   | 94   | 80   | 80   |
| Administrative | NA   | 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   | NA   |

# Canada - Pol3

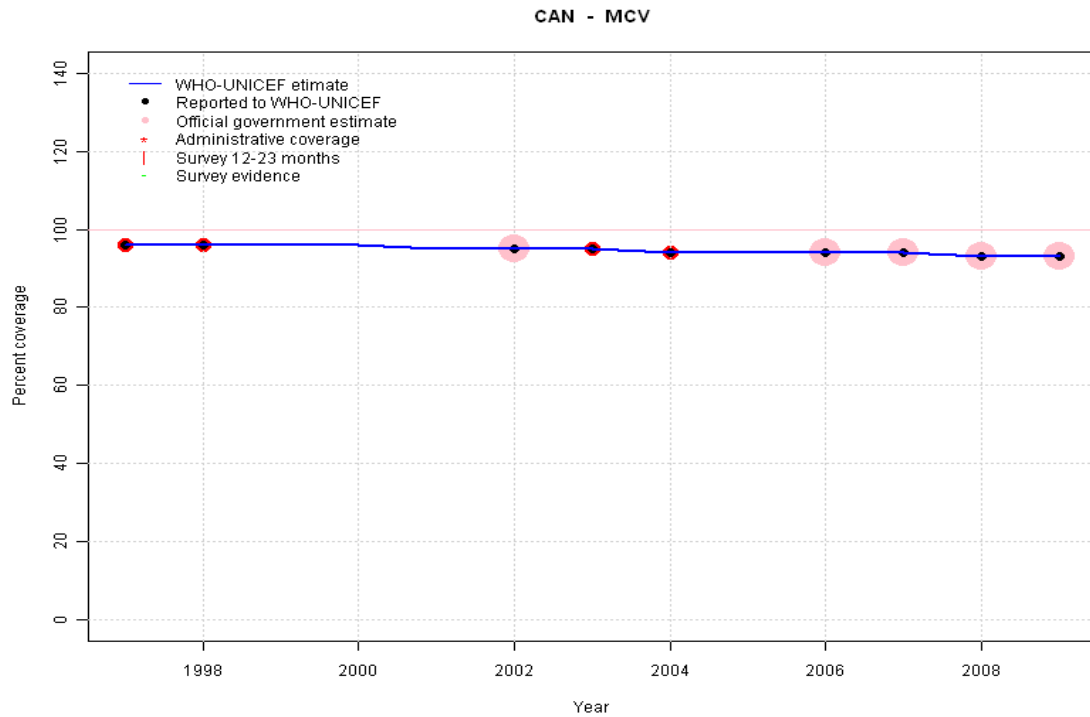


## Description:

- 1997: Legacy estimate.
- 1998: Estimate based on trend in reported data. Missing or ignored reported value estimated by extrapolation from 2002 reported value of 88 percent.
- 1999: Estimate based on trend in reported data. Missing or ignored reported value estimated by extrapolation from 2002 reported value of 88 percent.
- 2000: Estimate based on trend in reported data. Missing or ignored reported value estimated by extrapolation from 2002 reported value of 88 percent.
- 2001: Estimate based on trend in reported data. Missing or ignored reported value estimated by extrapolation from 2002 reported value of 88 percent.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data.
- 2004: Estimate based on reported data.
- 2005: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 89 percent in 2004 and 94 percent in 2006.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: Estimate based on reported data. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey.
- 2009: Estimate based on reported data.

|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 88   | 88   | 88   | 88   | 88   | 88   | 88   | 89   | 92   | 94   | 90   | 80   | 80   |
| Reported       | NA   | NA   | NA   | NA   | NA   | 88   | 88   | 89   | NA   | 94   | 90   | 80   | 80   |
| Official       | NA   | NA   | NA   | NA   | NA   | 88   | NA   | 89   | NA   | 94   | 90   | 80   | 80   |
| Administrative | NA   | 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   | NA   |

# Canada - MCV



|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 96   | 96   | 96   | 96   | 95   | 95   | 95   | 94   | 94   | 94   | 94   | 93   | 93   |
| Reported       | 96   | 96   | NA   | NA   | NA   | 95   | 95   | 94   | NA   | 94   | 94   | 93   | 93   |
| Official       | NA   | NA   | NA   | NA   | NA   | 95   | NA   | NA   | NA   | 94   | 94   | 93   | 93   |
| Administrative | NA   | 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   | NA   |

## Description:

1997: Legacy estimate.

1998: Estimate based on reported data.

1999: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 96 percent in 1998 and 95 percent in 2002.

2000: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 96 percent in 1998 and 95 percent in 2002.

2001: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 96 percent in 1998 and 95 percent in 2002.

2002: Estimate based on reported data.

2003: Estimate based on reported data.

2004: Estimate based on reported data.

2005: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 94 percent in 2004 and 94 percent in 2006.

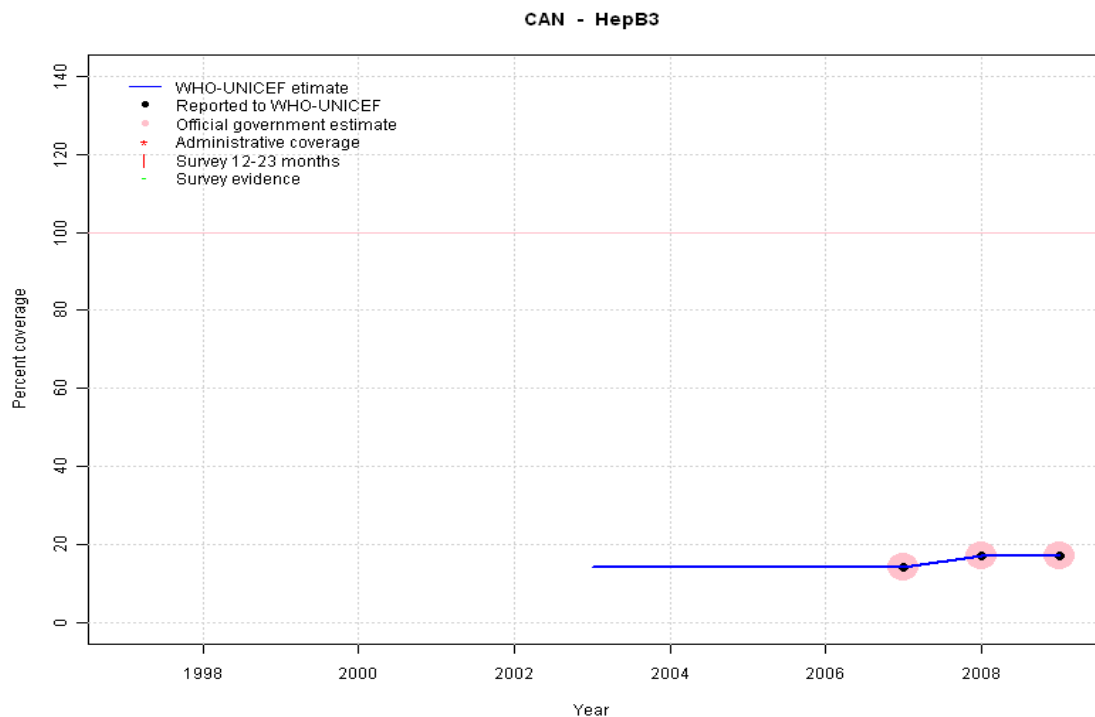
2006: Estimate based on reported data.

2007: Estimate based on reported data.

2008: Estimate based on reported data. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey.

2009: Estimate based on reported data.

# Canada - HepB3



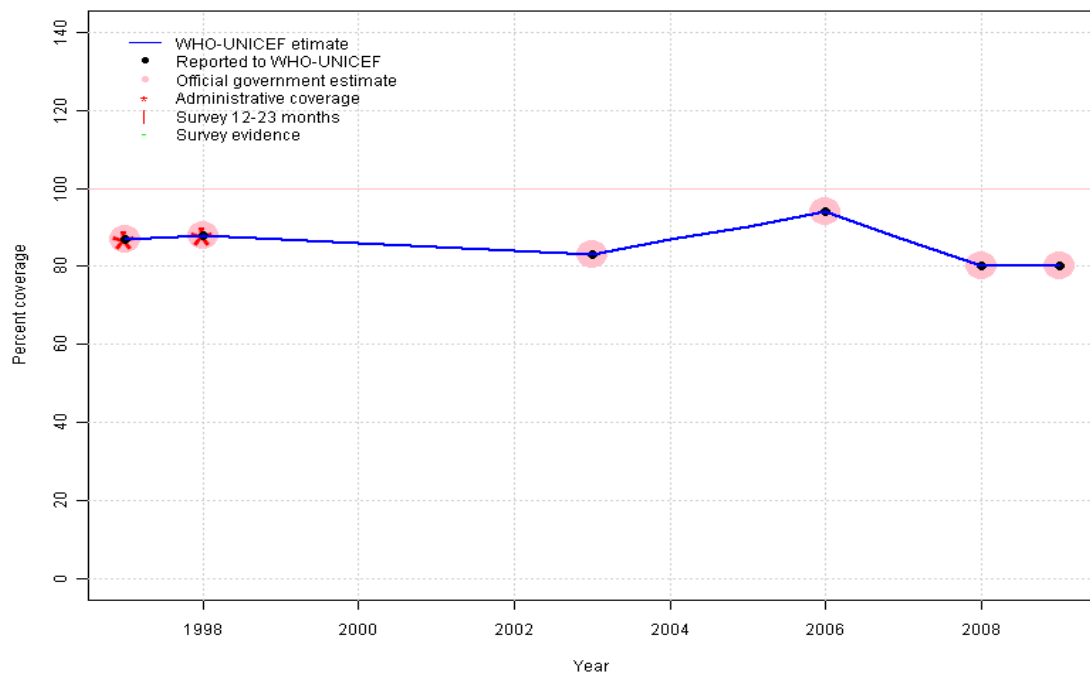
|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | NA   | NA   | NA   | NA   | NA   | NA   | 14   | 14   | 14   | 14   | 14   | 17   | 17   |
| Reported       | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | 14   | 17   | 17   |
| Official       | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | 14   | 17   | 17   |
| Administrative | NA   | 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   | NA   |

## Description:

- 2003: Estimate based on reported data. Missing or ignored reported value estimated by extrapolation from 2007 reported value of 14 percent. Hepatitis B vaccination recommended for adolescences 9-13 years of age. Selected provinces recommend three doses between birth and 15 months of age. Infant hepatitis B coverage estimates are based on survey results. Hepatitis B vaccination recommended for adolescences 9-13 years of age. Selected provinces recommend three doses between birth and 15 months of age. Infant hepatitis B coverage estimates are based on survey results. HepB introduced in 1998. Reporting started in 2003. Vaccine presentation is HepB .
- 2004: Estimate based on reported data. Missing or ignored reported value estimated by extrapolation from 2007 reported value of 14 percent. Hepatitis B vaccination recommended for adolescences 9-13 years of age. Selected provinces recommend three doses between birth and 15 months of age. Infant hepatitis B coverage estimates are based on survey results.
- 2005: Estimate based on reported data. Missing or ignored reported value estimated by extrapolation from 2007 reported value of 14 percent. Hepatitis B vaccination recommended for adolescences 9-13 years of age. Selected provinces recommend three doses between birth and 15 months of age. Infant hepatitis B coverage estimates are based on survey results.
- 2006: Estimate based on reported data. Missing or ignored reported value estimated by extrapolation from 2007 reported value of 14 percent. Hepatitis B vaccination recommended for adolescences 9-13 years of age. Selected provinces recommend three doses between birth and 15 months of age. Infant hepatitis B coverage estimates are based on survey results.
- 2007: Estimate based on reported data. Hepatitis B vaccination recommended for adolescences 9-13 years of age. Selected provinces recommend three doses between birth and 15 months of age. Infant hepatitis B coverage estimates are based on survey results.
- 2008: Estimate based on reported data. Hepatitis B vaccination recommended for adolescences 9-13 years of age. Selected provinces recommend three doses between birth and 15 months of age. Infant hepatitis B coverage estimates are based on survey results. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey.
- 2009: Estimate based on reported data. Hepatitis B vaccination recommended for adolescences 9-13 years of age. Selected provinces recommend three doses between birth and 15 months of age. Infant hepatitis B coverage estimates are based on survey results.

# Canada - Hib3

CAN - Hib3

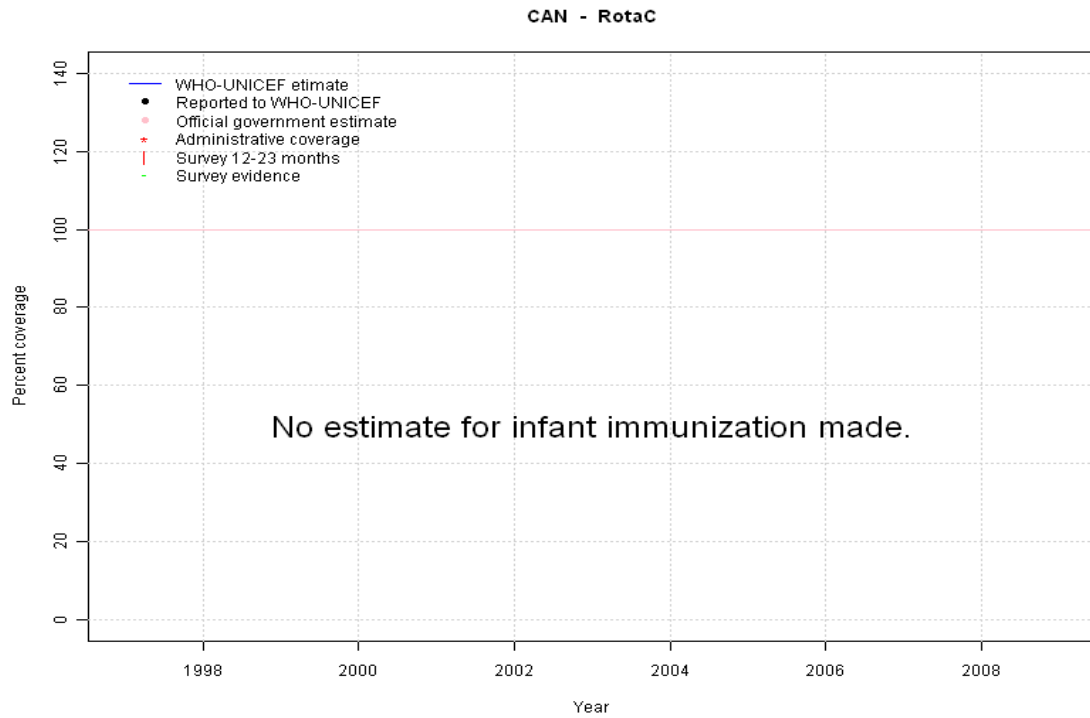


|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 87   | 88   | 87   | 86   | 85   | 84   | 83   | 87   | 90   | 94   | 87   | 80   | 80   |
| Reported       | 87   | 88   | NA   | NA   | NA   | NA   | 83   | NA   | NA   | 94   | NA   | 80   | 80   |
| Official       | 87   | 88   | NA   | NA   | NA   | NA   | 83   | NA   | NA   | 94   | NA   | 80   | 80   |
| Administrative | 87   | 88   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
| Survey         | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |

## Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 88 percent in 1998 and 83 percent in 2003.
- 2000: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 88 percent in 1998 and 83 percent in 2003.
- 2001: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 88 percent in 1998 and 83 percent in 2003.
- 2002: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 88 percent in 1998 and 83 percent in 2003.
- 2003: Estimate based on reported data.
- 2004: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 83 percent in 2003 and 94 percent in 2006.
- 2005: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 83 percent in 2003 and 94 percent in 2006.
- 2006: Estimate based on reported data.
- 2007: Estimate based on trend in reported data. Missing or ignored reported value estimated by interpolation between reported values of 94 percent in 2006 and 80 percent in 2008.
- 2008: Estimate based on reported data. Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey.
- 2009: Estimate based on reported data.

# Canada - RotaC



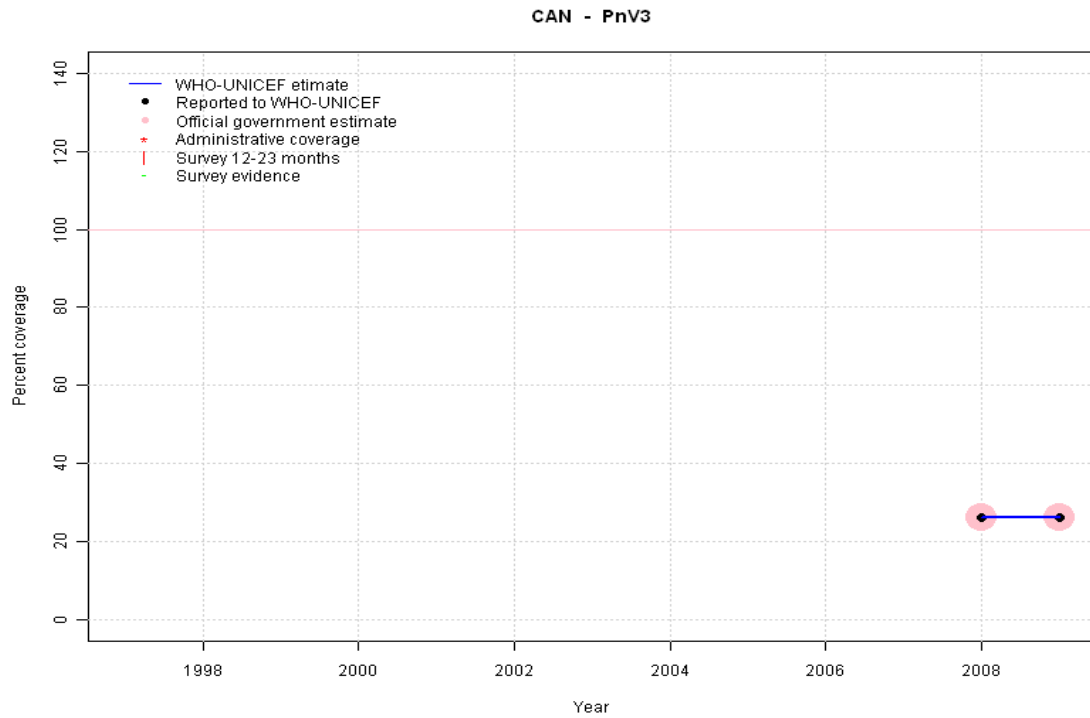
|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
| Reported       | NA   | 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   | NA   |
| Administrative | NA   | 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   | NA   |

# Canada - PnV3

## Description:

2008: Estimate based on reported data. PCV introduced in 2002 reporting started in 2008, Nationally reported data for 2008 are based on the results of the 2006 Childhood National Immunization Coverage Survey.

2009: Estimate based on reported data.



|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | 26   | 26   |
| Reported       | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | 26   | 26   |
| Official       | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | 26   | 26   |
| Administrative | NA   | 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   | NA   |

# 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    | 0      | 0          |
| MCV     | Card                | 94       | 20-40 m    | 0      | 0          |
| Pol3    | Card                | 89       | 20-40 m    | 0      | 0          |

## 2001 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 for 1980-1996 are available at:

[http://www.childinfo.org/immunization\\_countryreports.html](http://www.childinfo.org/immunization_countryreports.html)

[http://www.who.int/immunization\\_monitoring/routine/immunization\\_coverage/en/index4.html](http://www.who.int/immunization_monitoring/routine/immunization_coverage/en/index4.html)