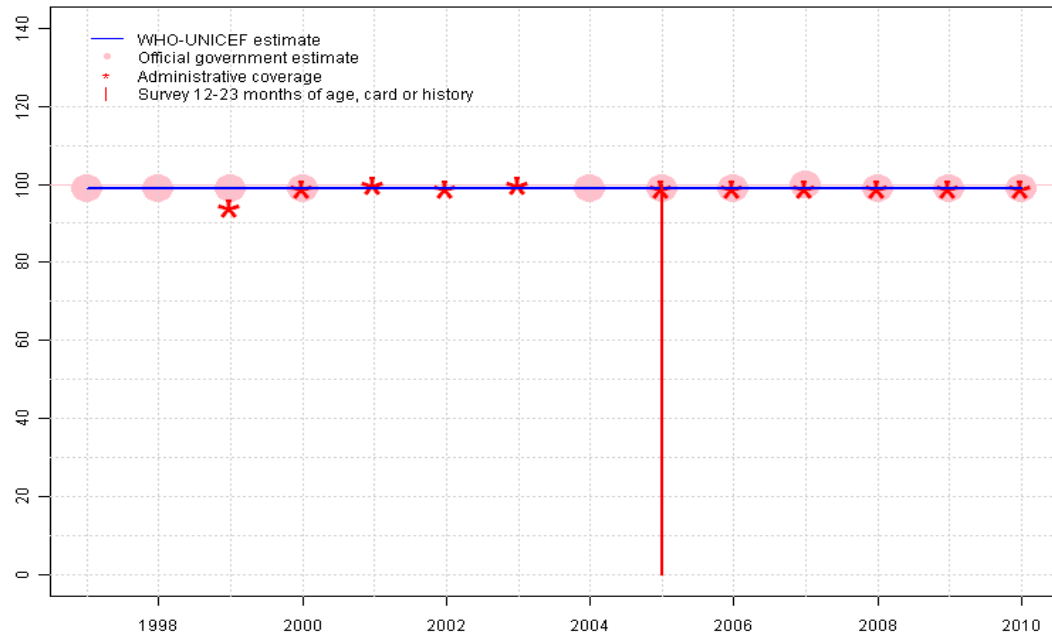


# Cuba - BCG

CUB - BCG



## Description:

1997: Legacy estimate.

1998: Estimate based on reported data.

1999: Estimate based on reported data.

2000: Estimate based on reported data.

2001: Estimate based on reported data.

2002: Estimate based on reported data.

2003: Estimate based on reported data.

2004: Estimate based on reported data.

2005: Estimate based on reported data. 100 percent survey results supports reported data of 99 percent.

2006: Estimate based on reported data.

2007: Estimate based on reported data.

2008: Estimate based on reported data.

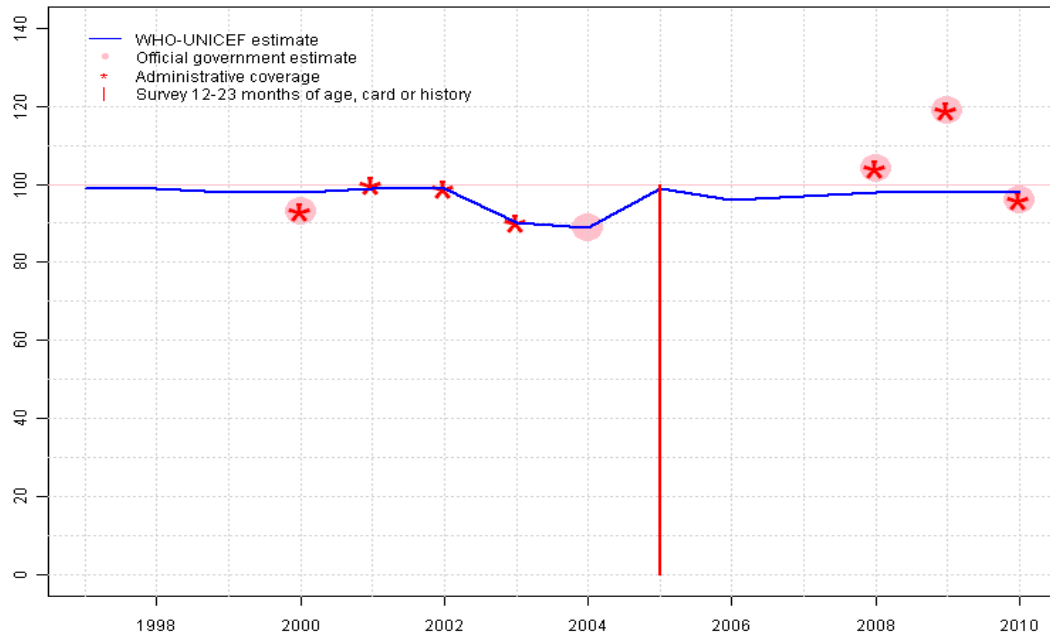
2009: Estimate based on reported data.

2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Official	99	99	99	99	NA	NA	NA	99	99	99	100	99	99	99
Administrative	NA	NA	94	99	100	99	100	NA	99	99	99	99	99	99
Survey	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	NA

# Cuba - DTP1

CUB - DTP1



## Description:

1997: Legacy estimate.

1998: No accepted DTP1 data. Estimate based on DTP3 coverage of 100. Current estimate of 99 percent changed from previous revision value of 98 percent.

1999: No accepted DTP1 data. Estimate based on DTP3 coverage of 95.

2000: DTP1 coverage estimated based on DTP3 coverage of 96. Current estimate of 98 percent changed from previous revision value of 96 percent.

2001: Reported data calibrated to 1997 and 2005 levels.

2002: DTP1 coverage estimated based on DTP3 coverage of 101.

2003: Reported data calibrated to 1997 and 2005 levels. Current estimate of 90 percent changed from previous revision value of 92 percent.

2004: Reported data calibrated to 1997 and 2005 levels.

2005: No accepted reported data. Reported data of 89 percent estimated by extrapolating from 2004 does not support trend in reported data. 100 percent survey results Current estimate of 99 percent changed from previous revision value of 89 percent.

2006: No accepted DTP1 data. Estimate based on DTP3 coverage of 89. Current estimate of 96 percent changed from previous revision value of 89 percent.

2007: No accepted DTP1 data. Estimate based on DTP3 coverage of 93.

2008: Estimate based on interpolation between 2007 and 2009. Reported data of 104 percent greater than 100 percent.

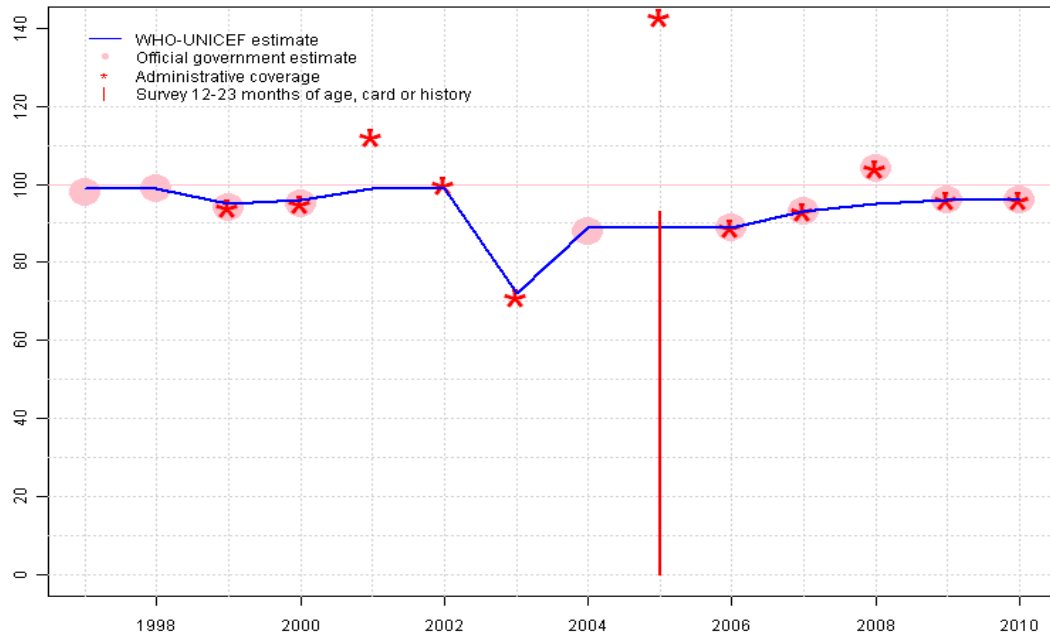
2009: No accepted DTP1 data. Estimate based on DTP3 coverage of 96. Reported data of 119 percent greater than 100 percent. Reported data not accepted due to an increase from 104 percent to 119 percent with a subsequent decrease to 96 percent.

2010: No accepted DTP1 data. Estimate based on DTP3 coverage of 96. Reported data not accepted due to a change from 119 level to 96 percent.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	99	98	98	99	99	90	89	99	96	97	98	98	98
Official	NA	NA	NA	93	NA	NA	NA	89	NA	NA	NA	104	119	96
Administrative	NA	NA	NA	93	100	99	90	NA	NA	NA	NA	104	119	96
Survey	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	NA

# Cuba - DTP3

CUB - DTP3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	99	99	95	96	99	99	72	89	89	89	93	95	96	96
Official	98	99	94	95	NA	NA	NA	88	NA	89	93	104	96	96
Administrative	NA	NA	94	95	112	100	71	NA	143	89	93	104	96	96
Survey	NA	NA	NA	NA	NA	NA	NA	NA	93	NA	NA	NA	NA	NA

## Description:

1997: Legacy estimate.

1998: Reported data calibrated to 1997 and 2005 levels.

1999: Reported data calibrated to 1997 and 2005 levels.

2000: Reported data calibrated to 1997 and 2005 levels. Current estimate of 96 percent changed from previous revision value of 95 percent.

2001: Estimate based on interpolation between 2000 and 2002. Reported data of 112 percent greater than 100 percent. Reported data not accepted due to an increase from 95 percent to 112 percent with a subsequent decrease to 100 percent.

2002: Reported data calibrated to 1997 and 2005 levels.

2003: Reported data calibrated to 1997 and 2005 levels. Decline attributed to interruption of vaccine supply. Catch-up campaign conducted in 2005.

2004: Reported data calibrated to 1997 and 2005 levels. Current estimate of 89 percent changed from previous revision value of 88 percent.

2005: No accepted reported data. Reported data of 89 percent estimated by interpolation between 2004 and 2006 supports trend in reported data. 94 percent survey results. Reported data of 143 percent greater than 100 percent. Reported data not accepted due to an increase from 88 percent to 143 percent with a subsequent decrease to 89 percent. Survey results of 93 percent modified for recall bias to 94 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 97 percent and 3d dose card only coverage of 91 percent.

2006: Estimate based on reported data.

2007: Estimate based on reported data.

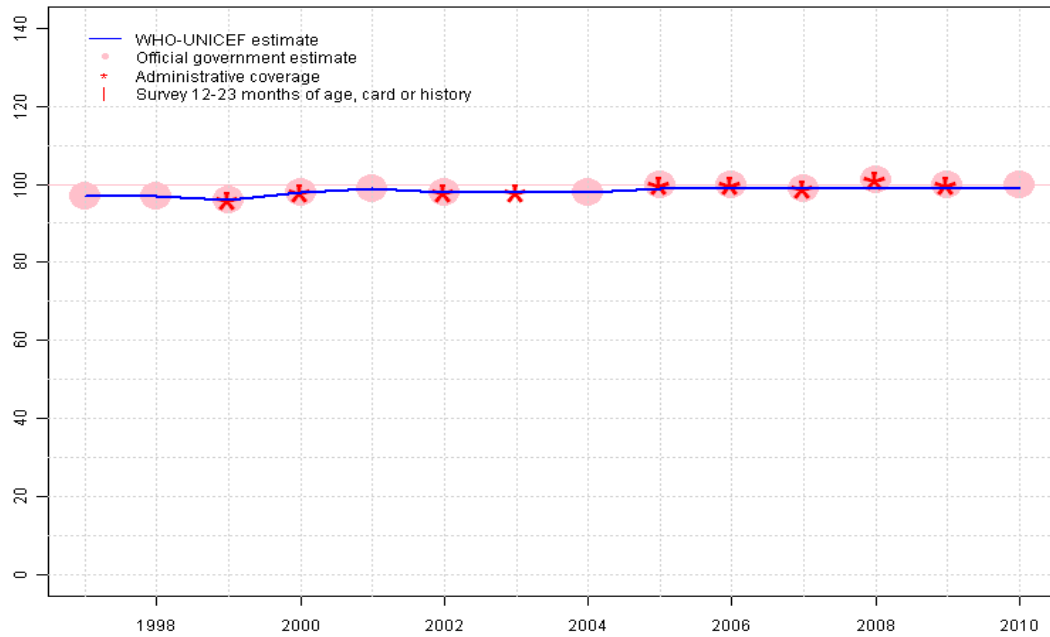
2008: Estimate based on interpolation between 2007 and 2009. Reported data of 104 percent greater than 100 percent.

2009: Estimate based on reported data.

2010: Estimate based on reported data.

# Cuba - Pol3

CUB - Pol3



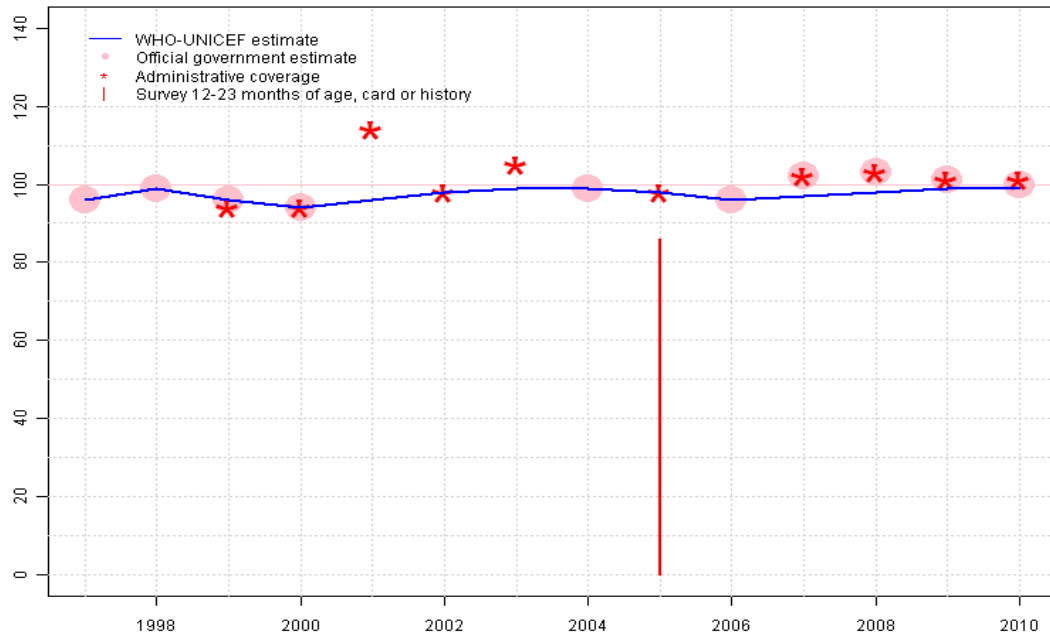
## Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data.
- 2004: Estimate based on reported data.
- 2005: Estimate based on reported data.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: Estimate based on interpolation between 2007 and 2009. Reported data of 101 percent greater than 100 percent.
- 2009: Estimate based on reported data.
- 2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	97	97	96	98	99	98	98	98	99	99	99	99	99	99
Official	97	97	96	98	99	98	NA	98	100	100	99	101	100	100
Administrative	NA	NA	96	98	NA	98	98	NA	100	100	99	101	100	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

# Cuba - MCV

CUB - MCV



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	96	99	96	94	96	98	99	99	98	96	97	98	99	99
Official	96	99	96	94	NA	NA	NA	99	NA	96	102	103	101	100
Administrative	NA	NA	94	94	114	98	105	NA	98	NA	102	103	101	101
Survey	NA	NA	NA	NA	NA	NA	NA	NA	86	NA	NA	NA	NA	NA

## Description:

1997: Legacy estimate.

1998: Estimate based on reported data.

1999: Estimate based on reported data.

2000: Estimate based on reported data.

2001: Estimate based on interpolation between 2000 and 2002. Reported data of 114 percent greater than 100 percent. Reported data not accepted due to an increase from 94 percent to 114 percent with a subsequent decrease to 98 percent. Current estimate of 96 percent changed from previous revision value of 99 percent.

2002: Estimate based on reported data.

2003: Estimate based on interpolation between 2002 and 2004. Reported data of 105 percent greater than 100 percent.

2004: Estimate based on reported data.

2005: Estimate based on reported data. Survey not accepted. Measles vaccination is recommended between 12 and 23 months of age. Survey cohort under-estimates coverage.

2006: Estimate based on reported data.

2007: Estimate based on interpolation between 2006 and 2010. Reported data of 102 percent greater than 100 percent. Current estimate of 97 percent changed from previous revision value of 96 percent.

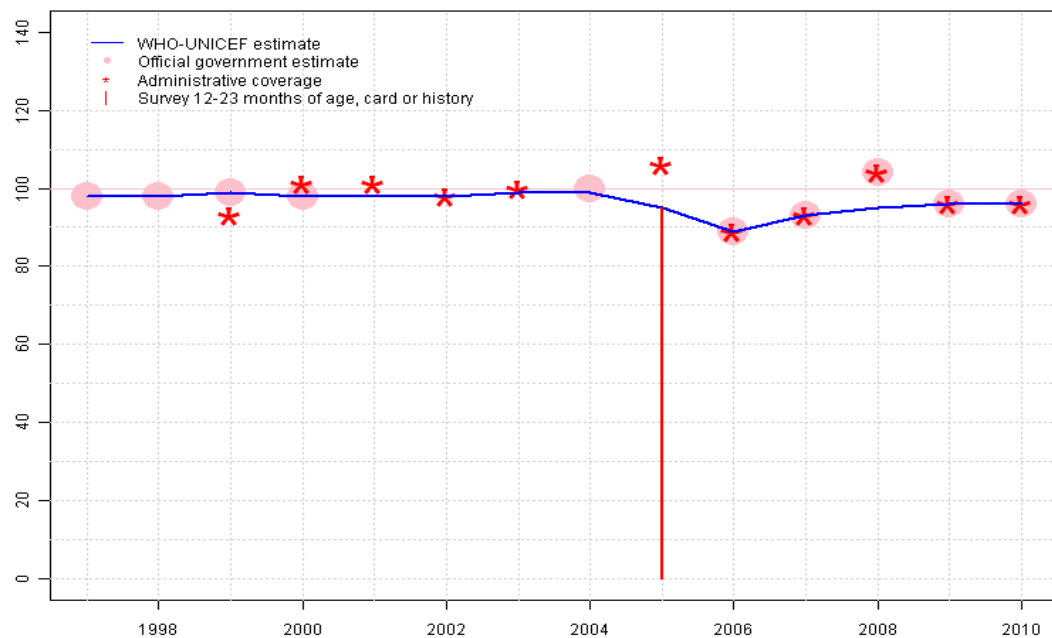
2008: Estimate based on interpolation between 2006 and 2010. Reported data of 103 percent greater than 100 percent. Current estimate of 98 percent changed from previous revision value of 96 percent.

2009: Estimate based on interpolation between 2006 and 2010. Reported data of 101 percent greater than 100 percent. Current estimate of 99 percent changed from previous revision value of 96 percent.

2010: Estimate based on reported data.

# Cuba - HepB3

CUB - HepB3

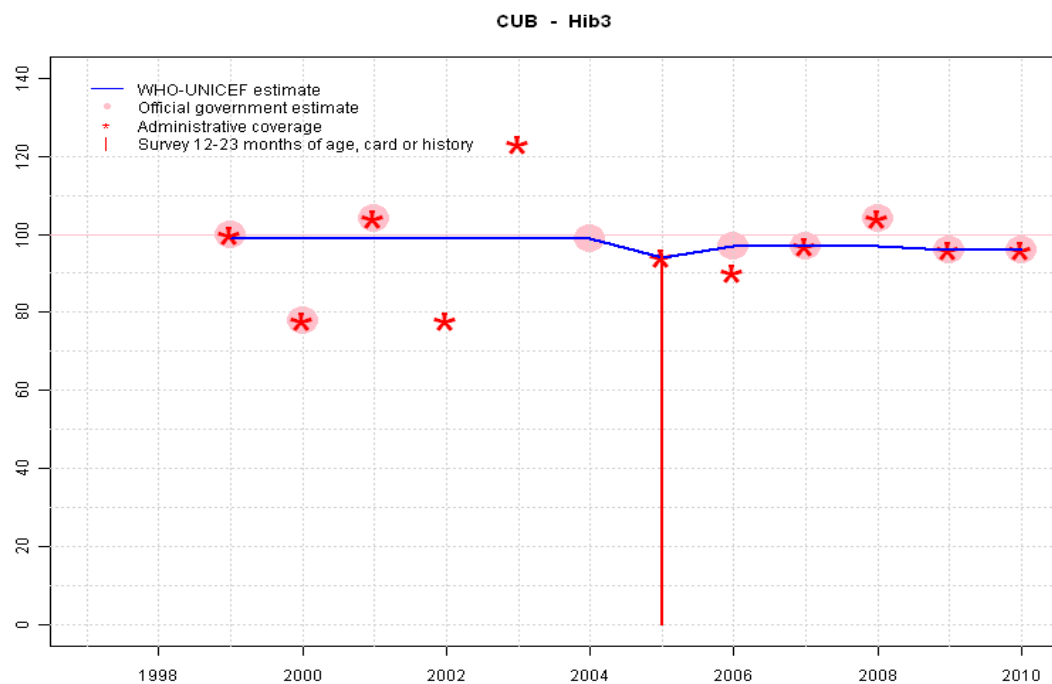


## Description:

- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data.
- 2001: Estimate based on interpolation between 2000 and 2002. Reported data of 101 percent greater than 100 percent. Current estimate of 98 percent changed from previous revision value of 99 percent.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data.
- 2004: Estimate based on reported data.
- 2005: No accepted reported data. Reported data of 95 percent estimated by interpolation between 2004 and 2006 supports trend in reported data. 94 percent survey results Reported data of 106 percent greater than 100 percent. Survey results of 95 percent modified for recall bias to 94 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 97 percent and 3d dose card only coverage of 92 percent.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: Estimate based on interpolation between 2007 and 2009. Reported data of 104 percent greater than 100 percent.
- 2009: Estimate based on reported data.
- 2010: Estimate based on reported data.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	98	98	99	98	98	98	99	99	95	89	93	95	96	96
Official	98	98	99	98	NA	NA	NA	100	NA	89	93	104	96	96
Administrative	NA	NA	93	101	101	98	100	NA	106	89	93	104	96	96
Survey	NA	NA	NA	NA	NA	NA	NA	NA	95	NA	NA	NA	NA	NA

# Cuba - Hib3

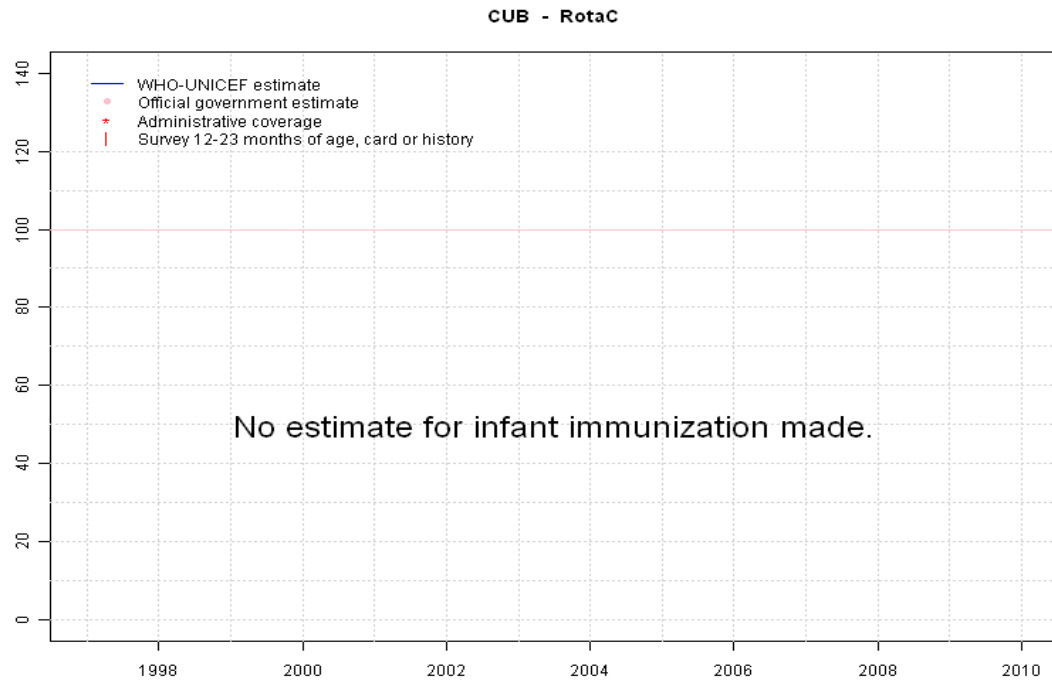


## Description:

- 1999: Estimate based on reported data. Hib introduced in 1999
- 2000: Estimate based on interpolation between 1999 and 2004. Reported data not accepted due to a decline from 100 percent to 78 percent with a subsequent increase to 104 percent.
- 2001: Estimate based on interpolation between 1999 and 2004. Reported data of 104 percent greater than 100 percent. Reported data not accepted due to an increase from 78 percent to 104 percent with a subsequent decrease to 78 percent.
- 2002: Estimate based on interpolation between 1999 and 2004. Reported data not accepted due to a decline from 104 percent to 78 percent with a subsequent increase to 123 percent.
- 2003: Estimate based on interpolation between 1999 and 2004. Reported data of 123 percent greater than 100 percent. Reported data not accepted due to an increase from 78 percent to 123 percent with a subsequent decrease to 99 percent.
- 2004: Estimate based on reported data.
- 2005: Estimate based on reported data. 95 percent survey results supports reported data of 94 percent.
- 2006: Estimate based on reported data.
- 2007: Estimate based on reported data.
- 2008: Estimate based on interpolation between 2007 and 2009. Reported data of 104 percent greater than 100 percent.
- 2009: Estimate based on reported data.
- 2010: Estimate based on reported data.

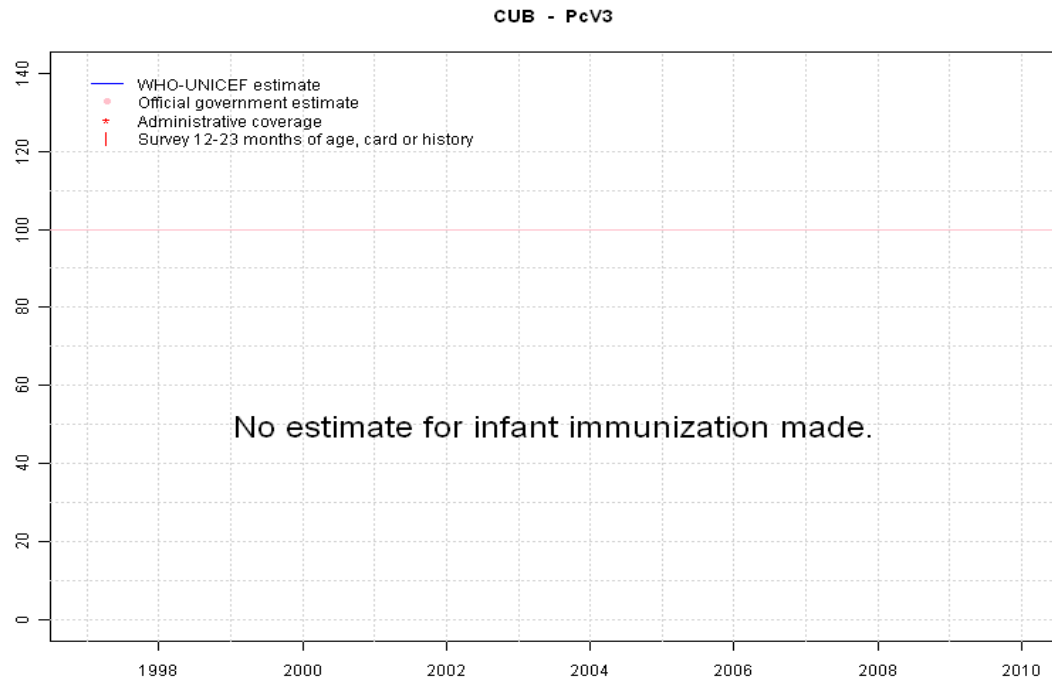
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	99	99	99	99	99	99	94	97	97	97	96	96
Official	NA	NA	100	78	104	NA	NA	99	NA	97	97	104	96	96
Administrative	NA	NA	100	78	104	78	123	NA	94	90	97	104	96	96
Survey	NA	NA	NA	NA	NA	NA	NA	NA	95	NA	NA	NA	NA	NA

# Cuba - RotaC



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	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	NA
Administrative	NA	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	NA

# Cuba - PcV3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	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	NA
Administrative	NA	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	NA

# Cuba - survey details

2005 La Encuesta de Indicadores Múltiples por Conglomerados  
2006 de Cuba

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	98	12-23 m	1840	98
BCG	Card or History	100	12-23 m	1840	98
BCG	History	2	12-23 m	1840	98
BCG	C or H <12 months	100	12-23 m	1840	98
DTP1	History	2	12-23 m	1840	98
DTP1	C or H <12 months	99	12-23 m	1840	98
DTP1	Card	97	12-23 m	1840	98
DTP1	Card or History	100	12-23 m	1840	98
DTP3	History	2	12-23 m	1840	98
DTP3	Card or History	93	12-23 m	1840	98
DTP3	C or H <12 months	86	12-23 m	1840	98
DTP3	Card	91	12-23 m	1840	98
HepB1	Card or History	99	12-23 m	1840	98
HepB1	C or H <12 months	99	12-23 m	1840	98

HepB1	Card	97	12-23 m	1840	98
HepB1	History	2	12-23 m	1840	98
HepB3	Card	92	12-23 m	1840	98
HepB3	Card or History	95	12-23 m	1840	98
HepB3	History	2	12-23 m	1840	98
HepB3	C or H <12 months	92	12-23 m	1840	98
Hib3	History	2	12-23 m	1840	98
Hib3	C or H <12 months	89	12-23 m	1840	98
Hib3	Card	93	12-23 m	1840	98
Hib3	Card or History	95	12-23 m	1840	98
MCV	History	3	12-23 m	1840	98
MCV	Card or History	86	12-23 m	1840	98
MCV	C or H <12 months	83	12-23 m	1840	98
MCV	Card	83	12-23 m	1840	98
Pol1	History	30	12-23 m	1840	98
Pol1	C or H <12 months	92	12-23 m	1840	98
Pol1	Card	65	12-23 m	1840	98
Pol1	Card or History	95	12-23 m	1840	98

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)