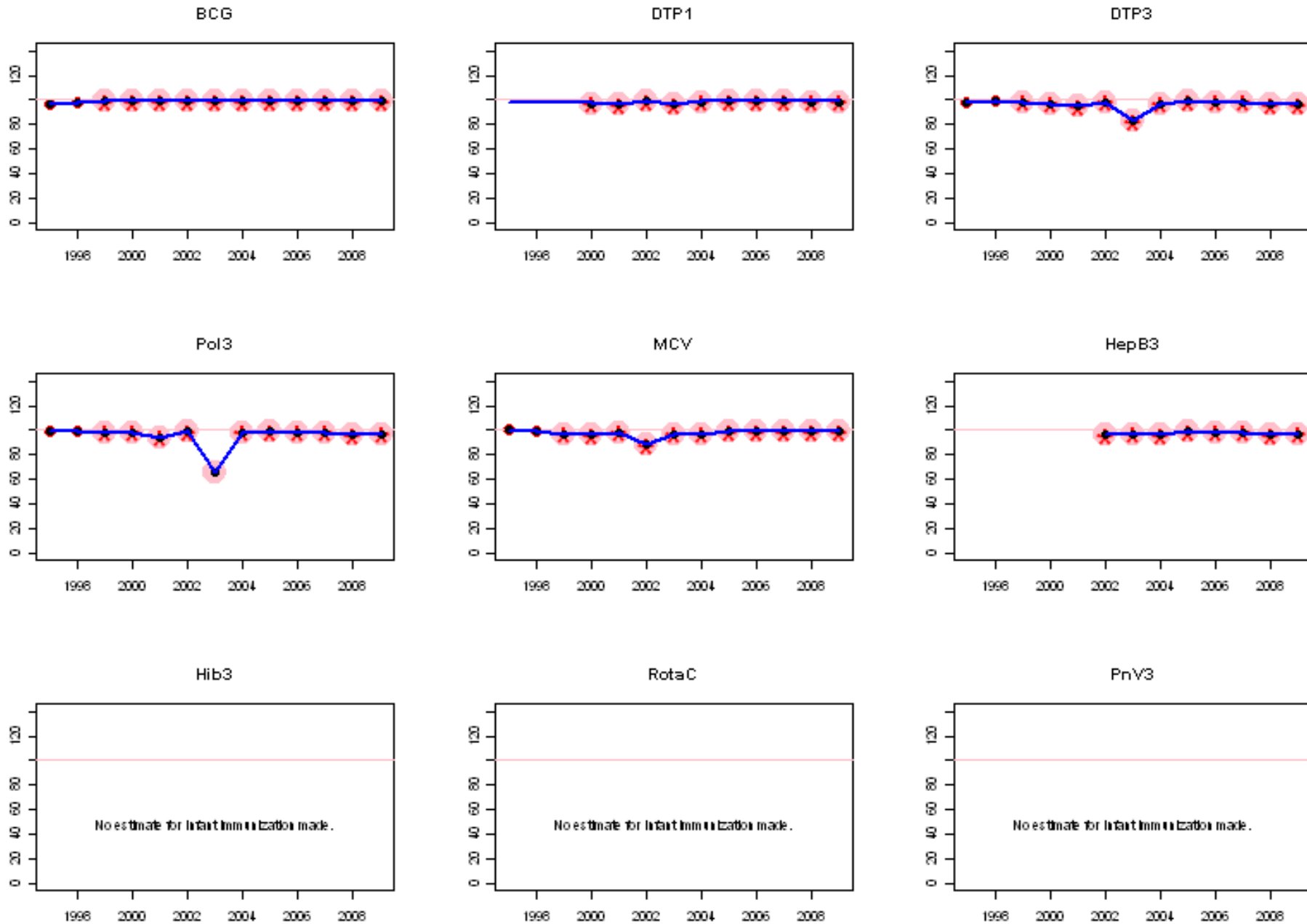
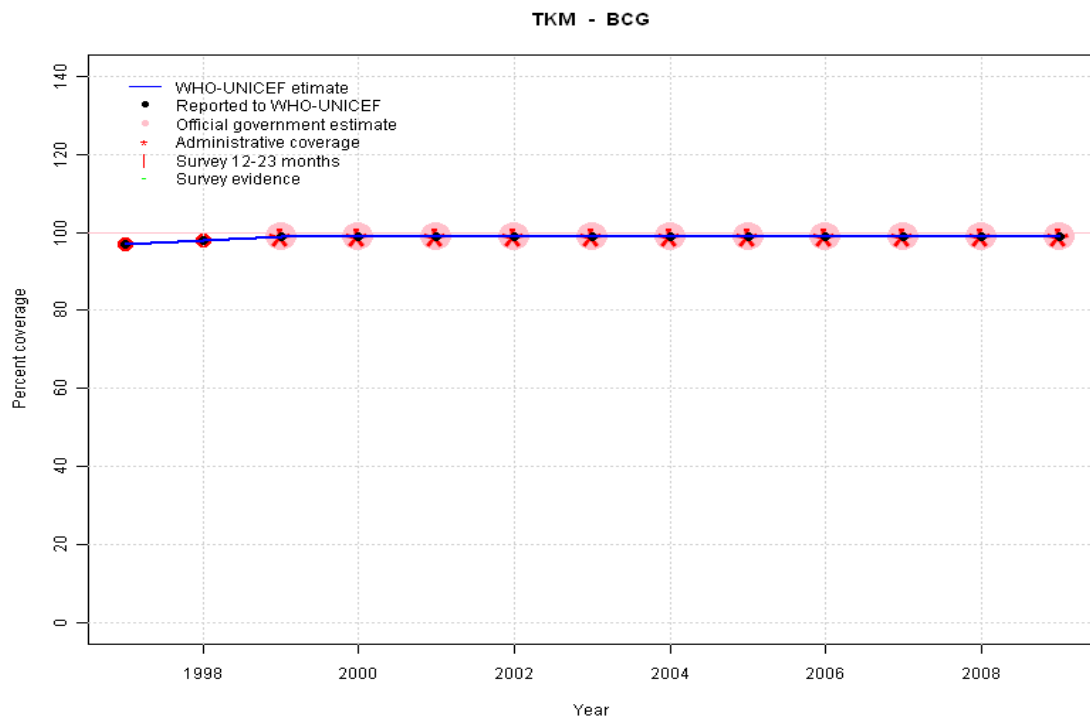


Turkmenistan: WHO and UNICEF estimates of immunization coverage, 1997 - 2009



# Turkmenistan - BCG

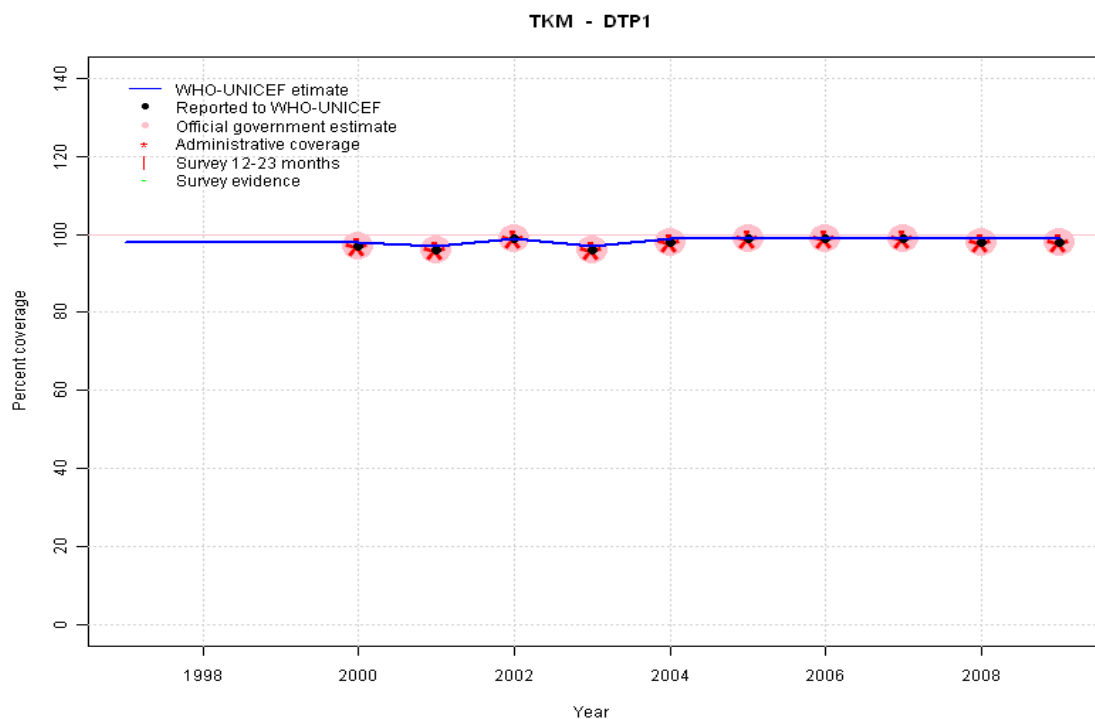
## Description:



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.  
 2006: Estimate based on reported data.  
 2007: Estimate based on reported data.  
 2008: Estimate based on reported data.  
 2009: Estimate based on reported data.

|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 97   | 98   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| Reported       | 97   | 98   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| Official       | NA   | NA   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| Administrative | NA   | NA   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   | 99   |
| Survey         | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |

# Turkmenistan - DTP1



|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 98   | 98   | 98   | 98   | 97   | 99   | 97   | 99   | 99   | 99   | 99   | 99   | 99   |
| Reported       | NA   | NA   | NA   | 97   | 96   | 99   | 96   | 98   | 99   | 99   | 99   | 98   | 98   |
| Official       | NA   | NA   | NA   | 97   | 96   | 99   | 96   | 98   | 99   | 99   | 99   | 98   | 98   |
| Administrative | NA   | NA   | NA   | 97   | 96   | 99   | 96   | 98   | 99   | 99   | 99   | 98   | 98   |
| Survey         | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |

## Description:

1997: Legacy estimate.

1998: Estimated DTP3 greater than estimated DTP1; DTP1 estimate based on the relationship between DTP1 and DTP3 from 282 surveys.

1999: Estimate calibrated to 1997 level (98 percent) and reported coverage (97 percent).

2000: Estimate calibrated to 1997 level (98 percent) and reported coverage (97 percent).

2001: Estimate calibrated to 1997 level (98 percent) and reported coverage (96 percent).

2002: Estimate calibrated to 1997 level (98 percent) and reported coverage (99 percent).

2003: Estimate calibrated to 1997 level (98 percent) and reported coverage (96 percent).

2004: Estimate calibrated to 1997 level (98 percent) and reported coverage (98 percent).

2005: Estimate calibrated to 1997 level (98 percent) and reported coverage (99 percent).

2006: Estimate calibrated to 1997 level (98 percent) and reported coverage (99 percent).

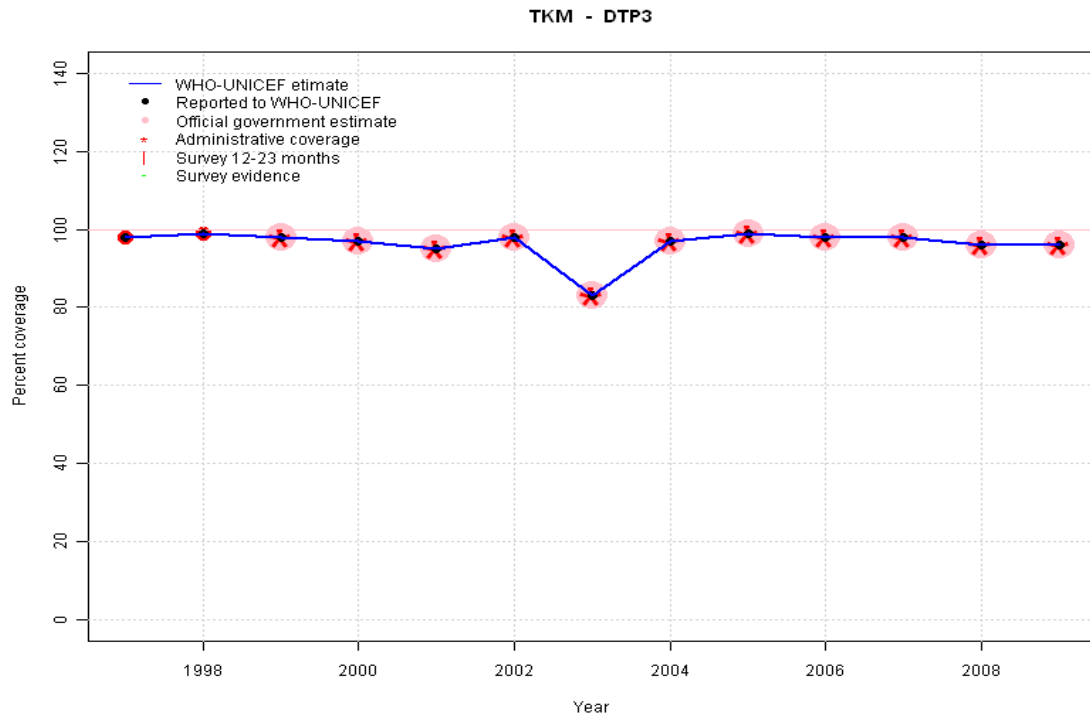
2007: Estimate calibrated to 1997 level (98 percent) and reported coverage (99 percent).

2008: Estimate calibrated to 1997 level (98 percent) and reported coverage (98 percent).

2009: Estimate calibrated to 1997 level (98 percent) and reported coverage (98 percent).

# Turkmenistan - DTP3

## Description:

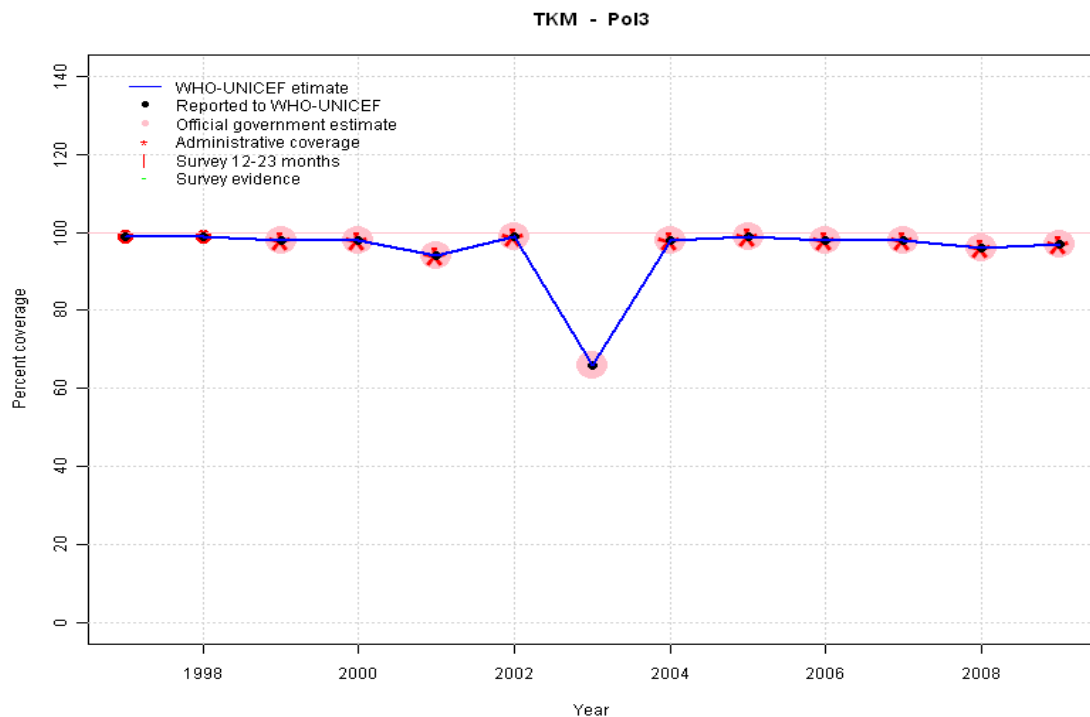


- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data. Decline attributed to interruption of vaccine supply.
- 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 reported data.
- 2009: Estimate based on reported data.

|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 98   | 99   | 98   | 97   | 95   | 98   | 83   | 97   | 99   | 98   | 98   | 96   | 96   |
| Reported       | 98   | 99   | 98   | 97   | 95   | 98   | 83   | 97   | 99   | 98   | 98   | 96   | 96   |
| Official       | NA   | NA   | 98   | 97   | 95   | 98   | 83   | 97   | 99   | 98   | 98   | 96   | 96   |
| Administrative | NA   | NA   | 98   | 97   | 95   | 98   | 83   | 97   | 99   | 98   | 98   | 96   | 96   |
| Survey         | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |

# Turkmenistan - Pol3

## Description:

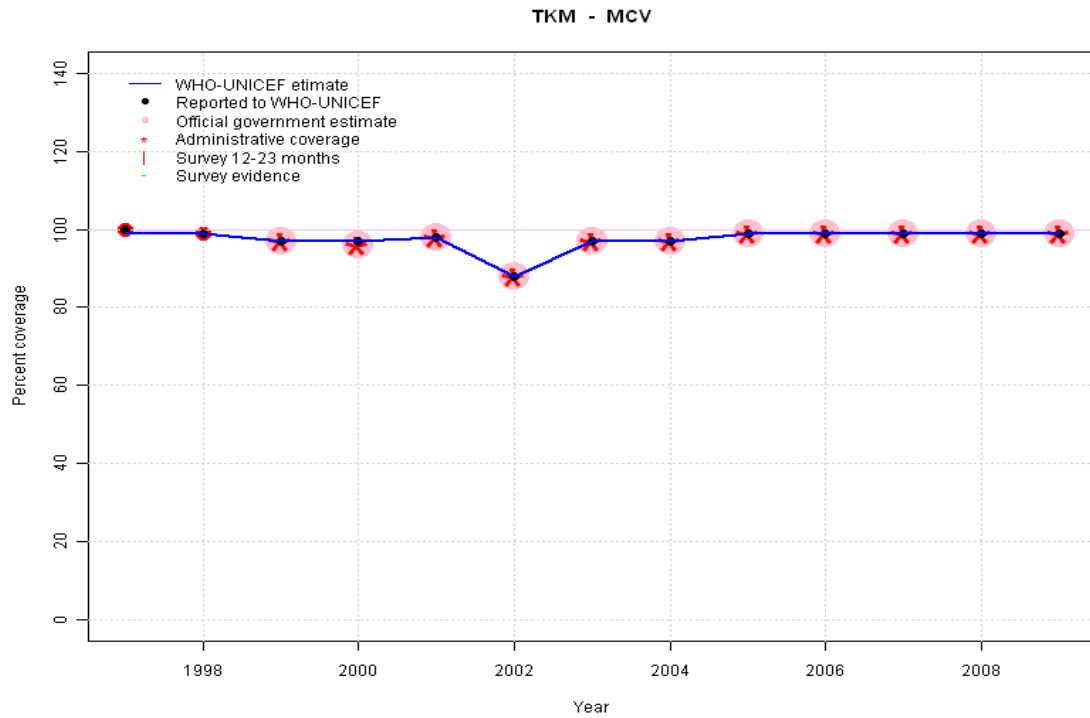


- 1997: Legacy estimate.
- 1998: Estimate based on reported data.
- 1999: Estimate based on reported data.
- 2000: Estimate based on reported data.
- 2001: Estimate based on reported data.
- 2002: Estimate based on reported data.
- 2003: Estimate based on reported data. Decline attributed to interruption of vaccine supply.
- 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 reported data.
- 2009: Estimate based on reported data.

|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 99   | 99   | 98   | 98   | 94   | 99   | 66   | 98   | 99   | 98   | 98   | 96   | 97   |
| Reported       | 99   | 99   | 98   | 98   | 94   | 99   | 66   | 98   | 99   | 98   | 98   | 96   | 97   |
| Official       | NA   | NA   | 98   | 98   | 94   | 99   | 66   | 98   | 99   | 98   | 98   | 96   | 97   |
| Administrative | NA   | NA   | 98   | 98   | 94   | 99   | NA   | 98   | 99   | 98   | 98   | 96   | 97   |
| Survey         | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |

# Turkmenistan - MCV

## Description:

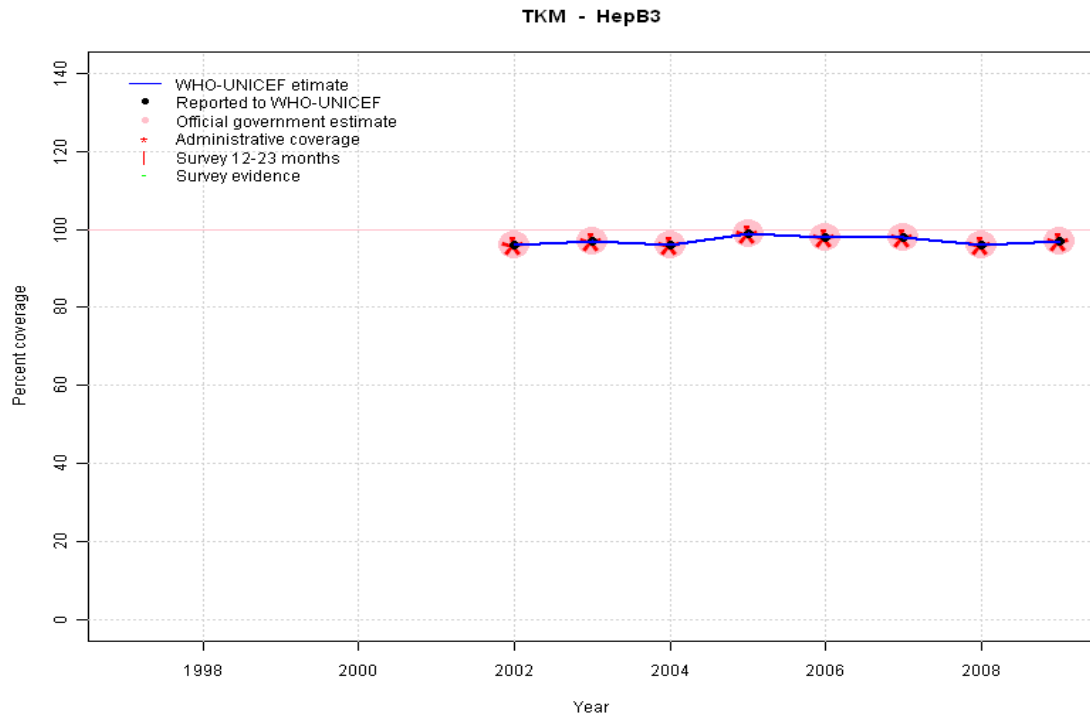


1997: Legacy estimate.  
 1998: Estimate based on reported data.  
 1999: Estimate based on reported data.  
 2000: Estimate based on reported data.  
 2001: Estimate based on reported data.  
 2002: Estimate based on reported data.  
 2003: Estimate based on reported data.  
 2004: Estimate based on reported data.  
 2005: Estimate based on reported data.  
 2006: Estimate based on reported data.  
 2007: Estimate based on reported data.  
 2008: Estimate based on reported data.  
 2009: Estimate based on reported data.

|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | 99   | 99   | 97   | 97   | 98   | 88   | 97   | 97   | 99   | 99   | 99   | 99   | 99   |
| Reported       | 100  | 99   | 97   | 97   | 98   | 88   | 97   | 97   | 99   | 99   | 99   | 99   | 99   |
| Official       | NA   | NA   | 97   | 96   | 98   | 88   | 97   | 97   | 99   | 99   | 99   | 99   | 99   |
| Administrative | NA   | NA   | 97   | 96   | 98   | 88   | 97   | 97   | 99   | 99   | 99   | 99   | 99   |
| Survey         | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |

# Turkmenistan - HepB3

## Description:



2002: Estimate based on reported data. HepB introduced in 2002 Vaccine presentation is HepB .

2003: Estimate based on reported data.

2004: Estimate based on reported data.

2005: Estimate based on reported data.

2006: Estimate based on reported data.

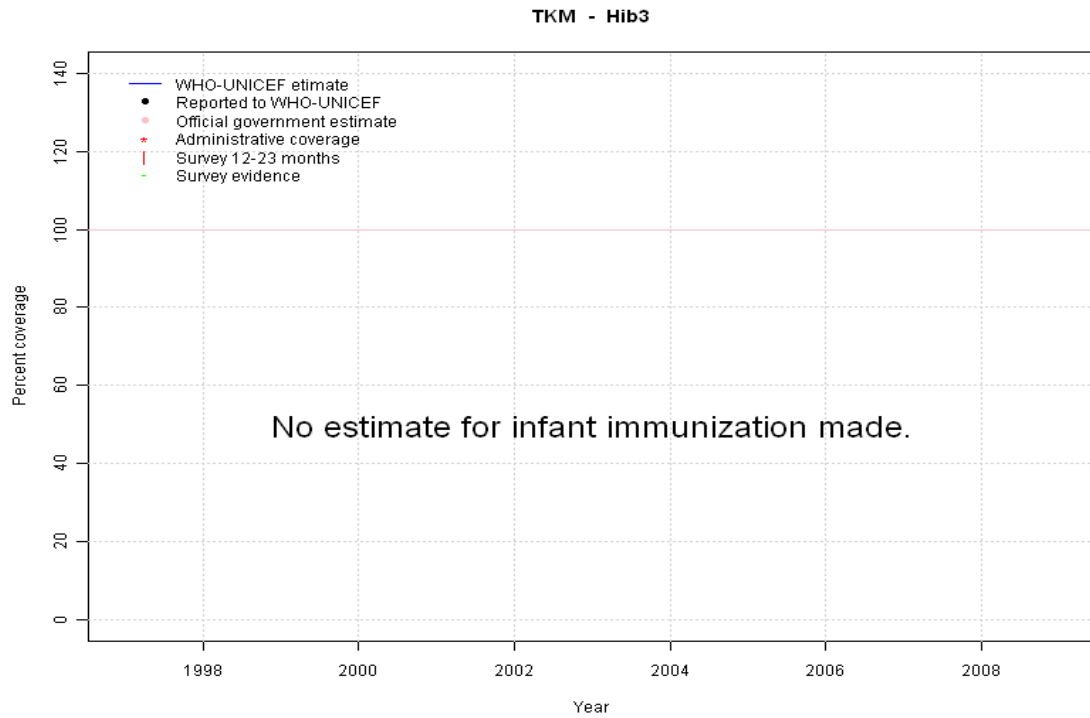
2007: Estimate based on reported data.

2008: Estimate based on reported data.

2009: Estimate based on reported data.

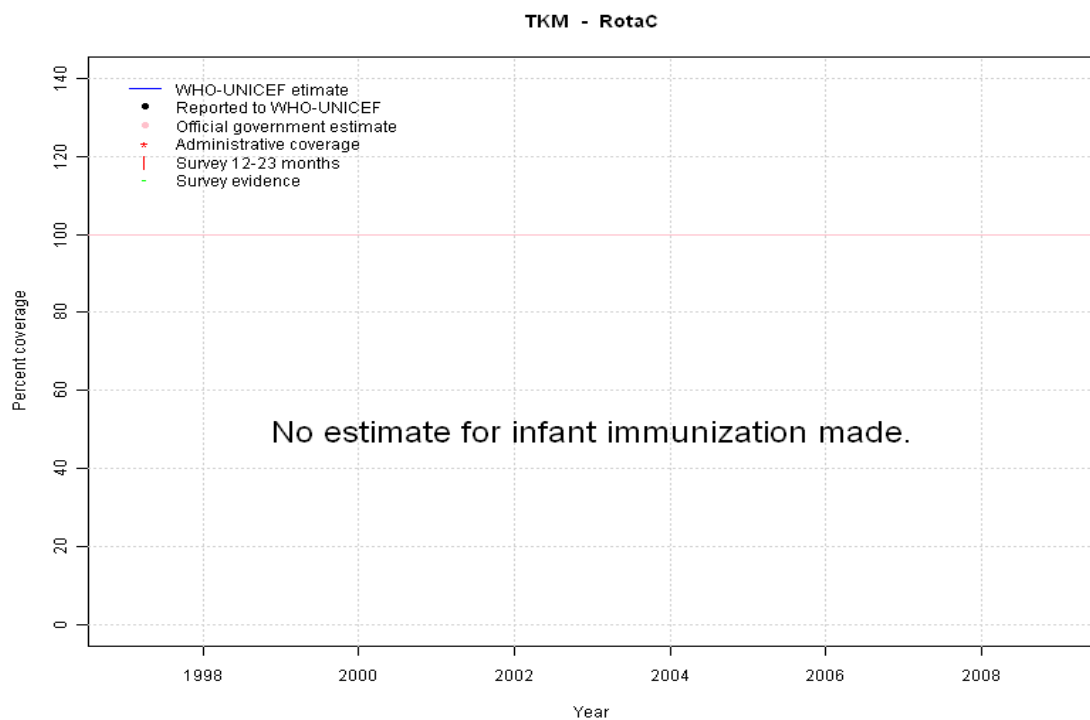
|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | NA   | NA   | NA   | NA   | NA   | 96   | 97   | 96   | 99   | 98   | 98   | 96   | 97   |
| Reported       | NA   | NA   | NA   | NA   | NA   | 96   | 97   | 96   | 99   | 98   | 98   | 96   | 97   |
| Official       | NA   | NA   | NA   | NA   | NA   | 96   | 97   | 96   | 99   | 98   | 98   | 96   | 97   |
| Administrative | NA   | NA   | NA   | NA   | NA   | 96   | 97   | 96   | 99   | 98   | 98   | 96   | 97   |
| Survey         | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |

# Turkmenistan - Hib3



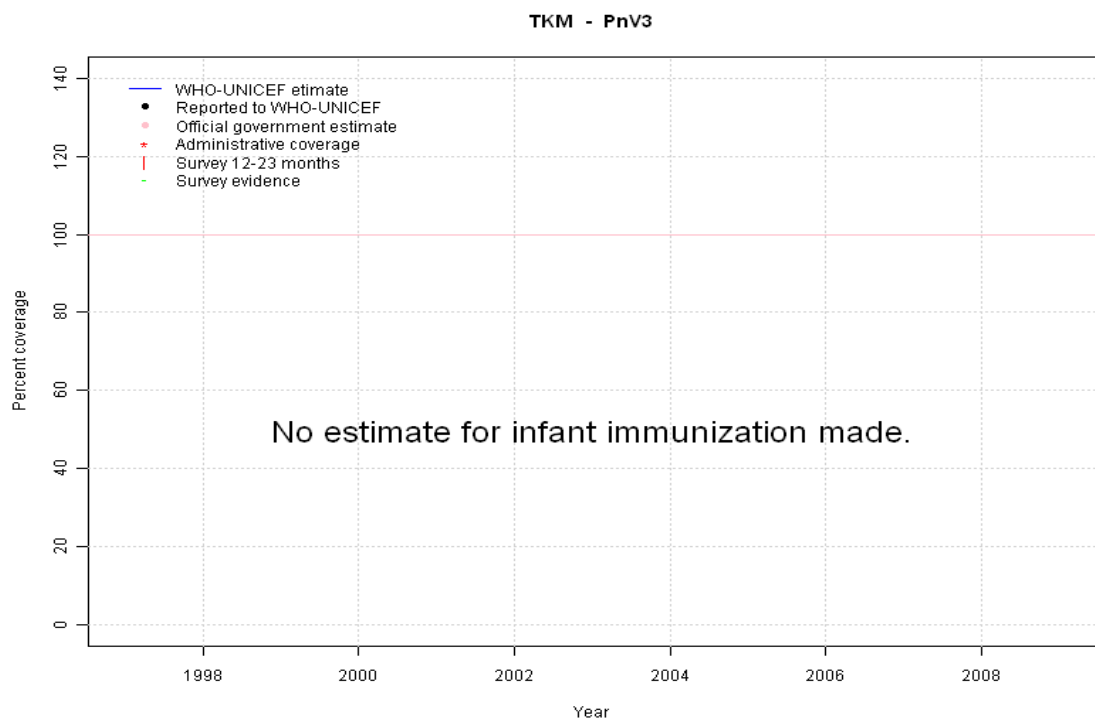
|                | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Estimate       | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |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

# Turkmenistan - 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   |

# Turkmenistan - PnV3



|                | 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   |

# Turkmenistan - survey details

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1999 Turkmenistan Demographic and Health Survey 2000, 2001

| Vaccine | Confirmation method | Coverage | Age cohort | Sample | Cards seen |
|---------|---------------------|----------|------------|--------|------------|
| BCG     | Card                | 93       | 12-23 m    | 646    | 94         |
| DTP1    | Card                | 94       | 12-23 m    | 646    | 94         |

|      |      |    |         |     |    |
|------|------|----|---------|-----|----|
| DTP3 | Card | 92 | 12-23 m | 646 | 94 |
| MCV  | Card | 88 | 12-23 m | 646 | 94 |
| Pol1 | Card | 93 | 12-23 m | 646 | 94 |
| Pol3 | Card | 92 | 12-23 m | 646 | 94 |

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)