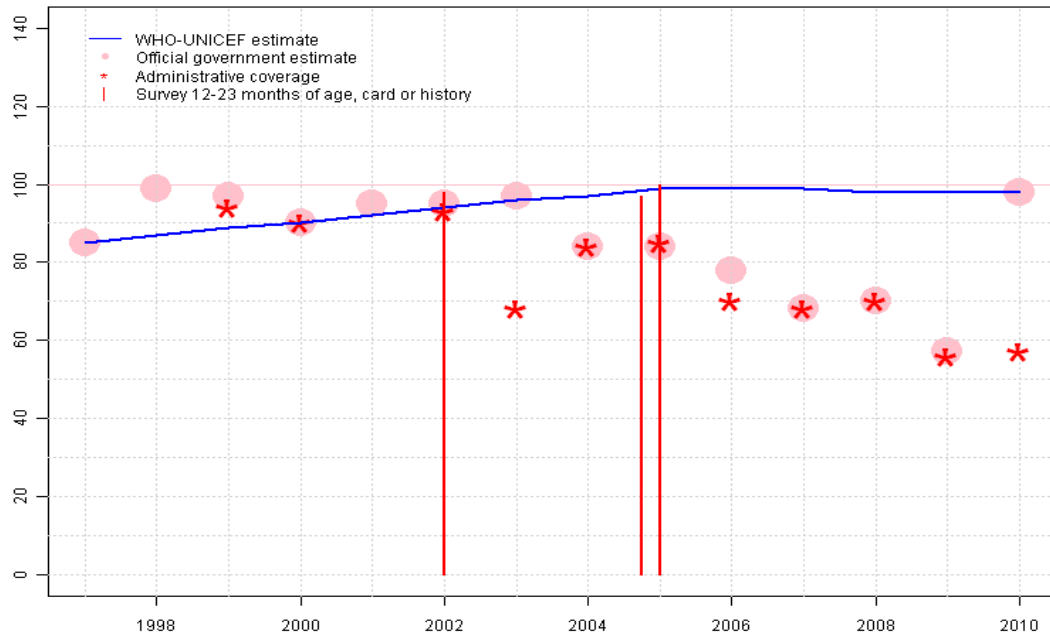


Swaziland - BCG

SWZ - BCG



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	85	87	89	90	92	94	96	97	99	99	99	98	98	98
Official	85	99	97	90	95	95	97	84	84	78	68	70	57	98
Administrative	NA	NA	94	90	NA	93	68	84	85	70	68	70	56	57
Survey	NA	NA	NA	NA	NA	98	NA	NA	*	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

1999: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2000: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2001: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2002: Estimate based on interpolation between 1997 and 2005. Survey results not accepted. Sample size 209 less than 300. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2003: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2004: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2005: Estimate based on survey results. *Summary survey results of 99 percent based on 2 surveys (see survey summary page) does not support reported data of 84 percent. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2007: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2008: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 98 percent changed from previous revision value of 99 percent.

2009: Estimate based on interpolation between 2005 and 2010. Reported data not accepted due to a decline from 70 percent to 57 percent with a subsequent increase to 98 percent. Estimate not based on reported data. Unex-

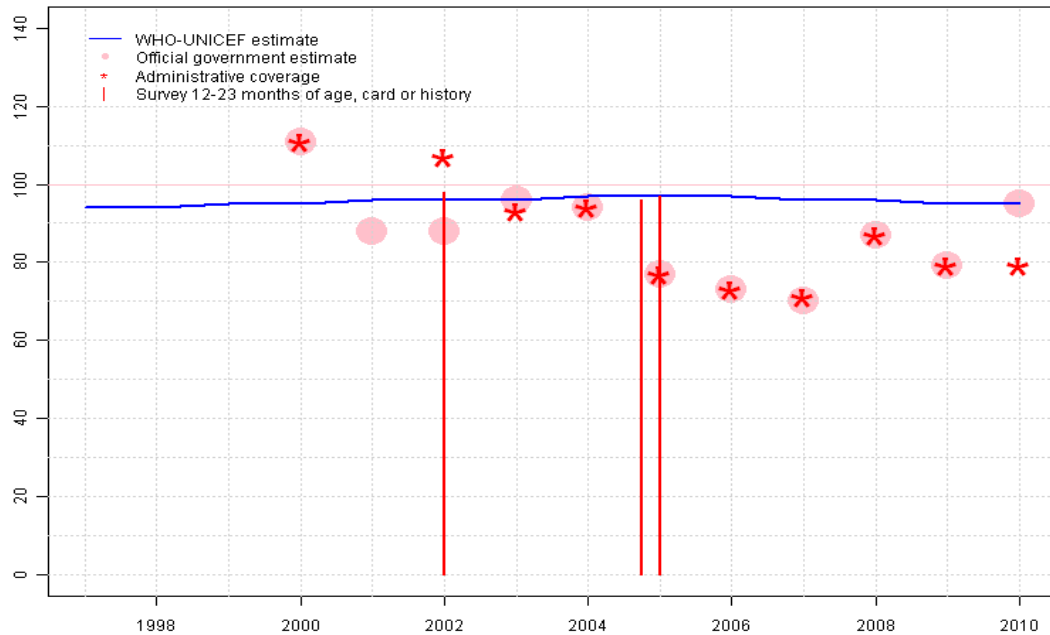
Swaziland - BCG

plained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 98 percent changed from previous revision value of 99 percent.

2010: Estimates based on reported data. National official estimates are based on preliminary MICS survey results. Reported data not accepted due to a change from 57 level to 98 percent.

Swaziland - DTP1

SWZ - DTP1



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	94	94	95	95	96	96	96	97	97	97	96	96	95	95
Official	NA	NA	NA	111	88	88	96	94	77	73	70	87	79	95
Administrative	NA	NA	NA	111	NA	107	93	94	77	73	71	87	79	79
Survey	NA	NA	NA	NA	NA	98	NA	NA	*	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

1999: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2000: Estimate based on interpolation between 1997 and 2005. Reported data of 111 percent greater than 100 percent. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2001: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2002: Estimate based on interpolation between 1997 and 2005. Survey results not accepted. Sample size 209 less than 300. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2003: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2004: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2005: Estimate based on survey results. *Summary survey results of 97 percent based on 2 surveys (see survey summary page) does not support reported data of 77 percent. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2007: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 96 percent changed from previous revision value of 97 percent.

2008: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 96 percent changed from previous revision value of 97 percent.

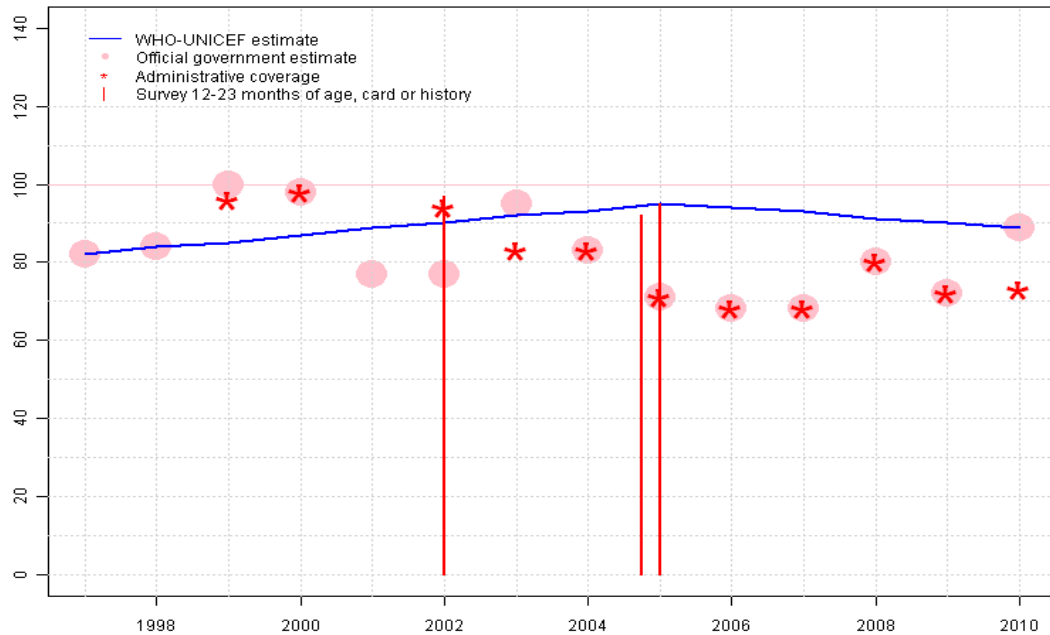
Swaziland - DTP1

2009: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 95 percent changed from previous revision value of 97 percent.

2010: Estimates based on reported data. National official estimates are based on preliminary MICS survey results. Reported data not accepted due to a change from 79 level to 95 percent.

Swaziland - DTP3

SWZ - DTP3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	82	84	85	87	89	90	92	93	95	94	93	91	90	89
Official	82	84	100	98	77	77	95	83	71	68	68	80	72	89
Administrative	NA	NA	96	98	NA	94	83	83	71	68	68	80	72	73
Survey	NA	NA	NA	NA	NA	97	NA	NA	*	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

1999: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2000: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2001: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2002: Estimate based on interpolation between 1997 and 2005. Survey results not accepted. Sample size 209 less than 300. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2003: Estimate based on interpolation between 1997 and 2005. Reported data not accepted due to an increase from 77 percent to 95 percent with a subsequent decrease to 83 percent. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2004: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2005: Estimate based on survey results. *Summary survey results of 95 percent based on 2 surveys (see survey summary page) does not support reported data of 71 percent. Survey results of 92 percent modified for recall bias to 94 percent based on 1st dose card or history coverage of 96 percent, 1st dose card only coverage of 84 percent and 3d dose card only coverage of 82 percent. Survey results of 95 percent modified for recall bias to 95 percent based on 1st dose card or history coverage of 97 percent, 1st dose card only coverage of 98 percent and 3d dose card only coverage of 96 percent. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 94 percent changed from previous revision value of 95 percent.

2007: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and

Swaziland - DTP3

denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 93 percent changed from previous revision value of 95 percent.

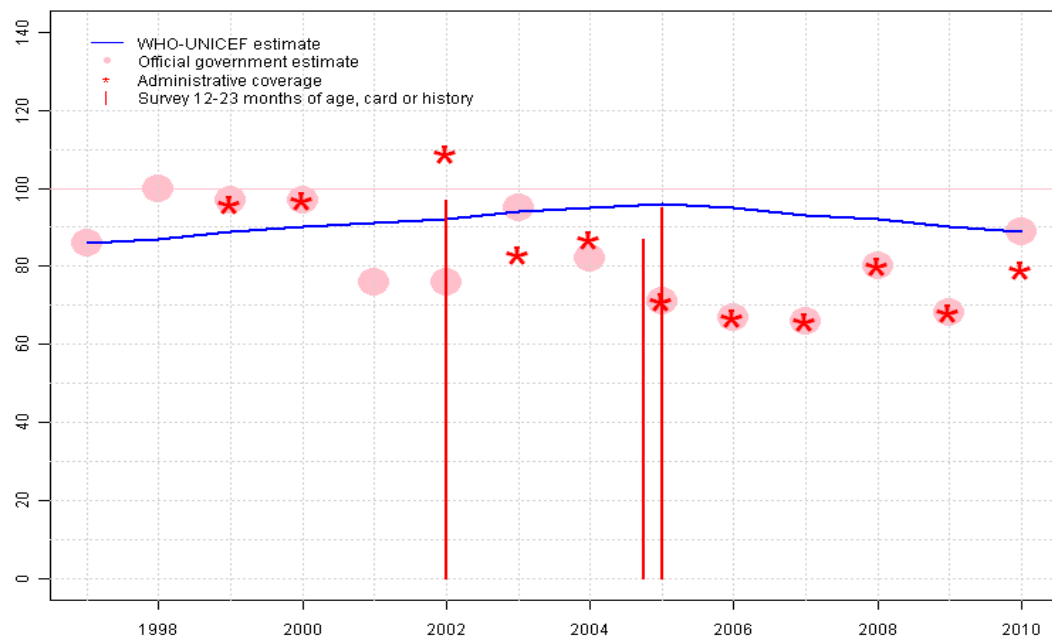
2008: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 91 percent changed from previous revision value of 95 percent.

2009: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 90 percent changed from previous revision value of 95 percent.

2010: Estimates based on reported data. National official estimates are based on preliminary MICS survey results. Reported data not accepted due to a change from 72 level to 89 percent.

Swaziland - Pol3

SWZ - Pol3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	86	87	89	90	91	92	94	95	96	95	93	92	90	89
Official	86	100	97	97	76	76	95	82	71	67	66	80	68	89
Administrative	NA	NA	96	97	NA	109	83	87	71	67	66	80	68	79
Survey	NA	NA	NA	NA	NA	97	NA	NA	*	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

1999: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2000: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2001: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2002: Estimate based on interpolation between 1997 and 2005. Survey results not accepted. Sample size 209 less than 300. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2003: Estimate based on interpolation between 1997 and 2005. Reported data not accepted due to an increase from 76 percent to 95 percent with a subsequent decrease to 82 percent. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2004: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2005: Estimate based on survey results. *Summary survey results of 96 percent based on 2 surveys (see survey summary page) does not support reported data of 71 percent. Survey results of 87 percent modified for recall bias to 96 percent based on 1st dose card or history coverage of 97 percent, 1st dose card only coverage of 84 percent and 3d dose card only coverage of 83 percent. Survey results of 95 percent modified for recall bias to 96 percent based on 1st dose card or history coverage of 97 percent, 1st dose card only coverage of 97 percent and 3d dose card only coverage of 96 percent. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 95 percent changed from previous revision value of 96 percent.

2007: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and

denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 93 percent changed from previous revision value of 96 percent.

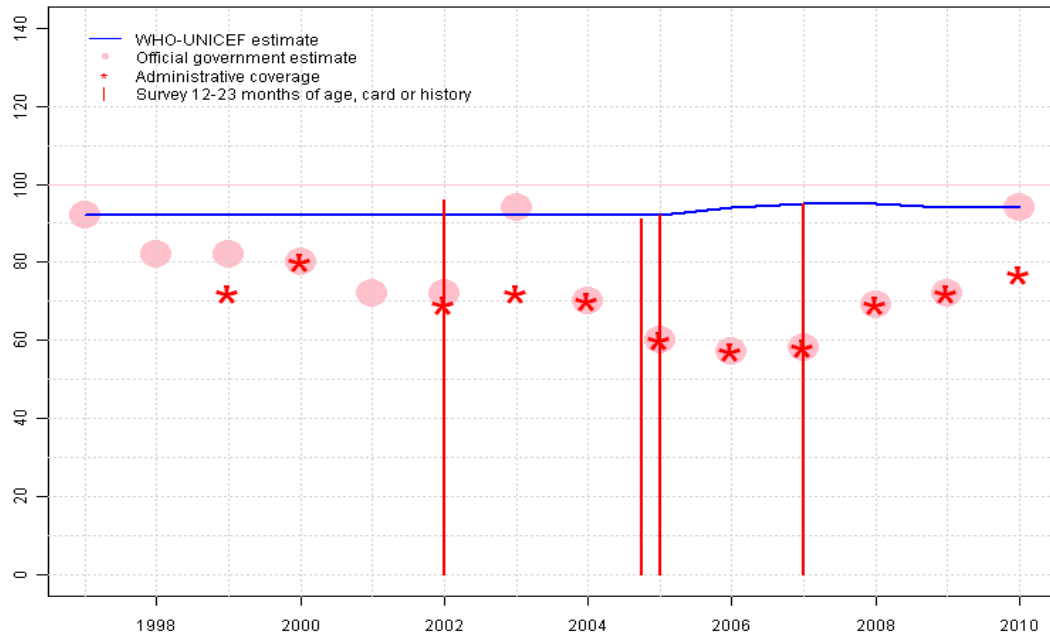
2008: Estimate based on interpolation between 2005 and 2010. Reported data not accepted due to an increase from 66 percent to 80 percent with a subsequent decrease to 68 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 92 percent changed from previous revision value of 96 percent.

2009: Estimate based on interpolation between 2005 and 2010. Reported data not accepted due to a decline from 80 percent to 68 percent with a subsequent increase to 89 percent. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 90 percent changed from previous revision value of 96 percent.

2010: Estimates based on reported data. National official estimates are based on preliminary MICS survey results. Reported data not accepted due to a change from 68 level to 89 percent.

Swaziland - MCV

SWZ - MCV



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	92	92	92	92	92	92	92	92	92	94	95	95	94	94
Official	92	82	82	80	72	72	94	70	60	57	58	69	72	94
Administrative	NA	NA	72	80	NA	69	72	70	60	57	58	69	72	77
Survey	NA	NA	NA	NA	NA	96	NA	NA	*	NA	95	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

1999: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2000: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2001: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2002: Estimate based on interpolation between 1997 and 2005. Survey results not accepted. Sample size 209 less than 300. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2003: Estimate based on interpolation between 1997 and 2005. Reported data not accepted due to an increase from 72 percent to 94 percent with a subsequent decrease to 70 percent. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2004: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2005: Estimate based on survey results. *Summary survey results of 92 percent based on 2 surveys (see survey summary page) does not support reported data of 60 percent. Unexplained temporal change in numerator and denominator levels.

2006: Estimate based on interpolation between 2005 and 2007. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2007: No accepted reported data. Reported data of 60 percent estimated by extrapolating from 2005 does not support trend in reported data. 95 percent survey results Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels.

2008: Estimate based on interpolation between 2007 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

2009: Estimate based on interpolation between 2007 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and

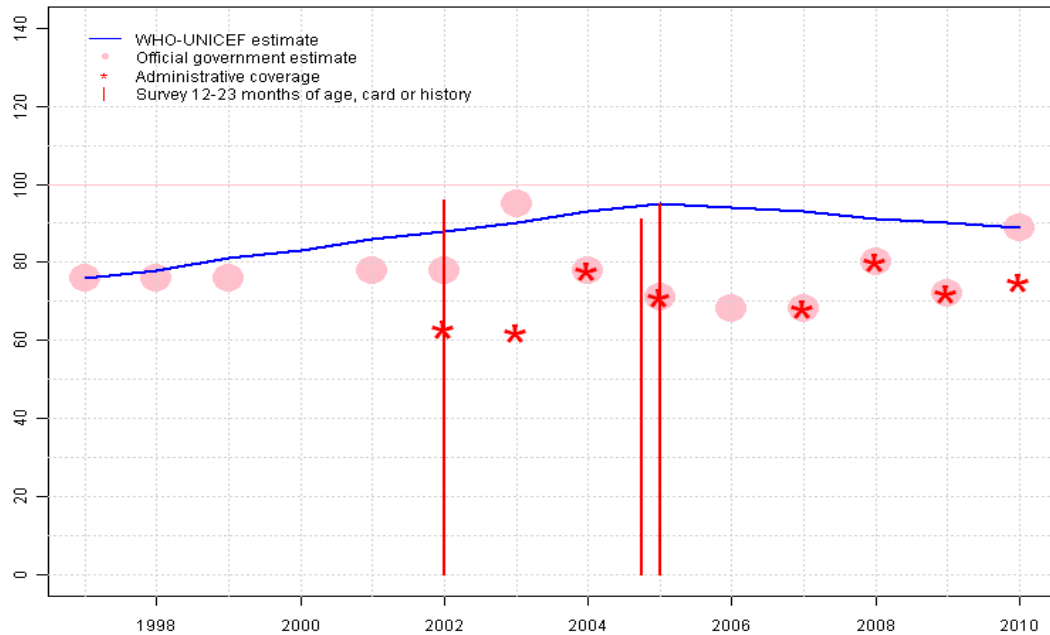
Swaziland - MCV

denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 94 percent changed from previous revision value of 95 percent.

2010: Estimates based on reported data. National official estimates are based on preliminary MICS survey results. Reported data not accepted due to a change from 72 level to 94 percent.

Swaziland - HepB3

SWZ - HepB3



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	76	78	81	83	86	88	90	93	95	94	93	91	90	89
Official	76	76	76	NA	78	78	95	78	71	68	68	80	72	89
Administrative	NA	NA	NA	NA	NA	63	62	78	71	NA	68	80	72	75
Survey	NA	NA	NA	NA	NA	96	NA	NA	*	NA	NA	NA	NA	NA

Description:

1997: Legacy estimate.

1998: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.

1999: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 81 percent changed from previous revision value of 80 percent.

2000: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 83 percent changed from previous revision value of 82 percent.

2001: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 86 percent changed from previous revision value of 85 percent.

2002: Estimate based on interpolation between 1997 and 2005. Survey results not accepted. Sample size 209 less than 300. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 88 percent changed from previous revision value of 87 percent.

2003: Estimate based on interpolation between 1997 and 2005. Reported data not accepted due to an increase from 78 percent to 95 percent with a subsequent decrease to 78 percent. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 90 percent changed from previous revision value of 89 percent.

2004: Estimate based on interpolation between 1997 and 2005. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 93 percent changed from previous revision value of 91 percent.

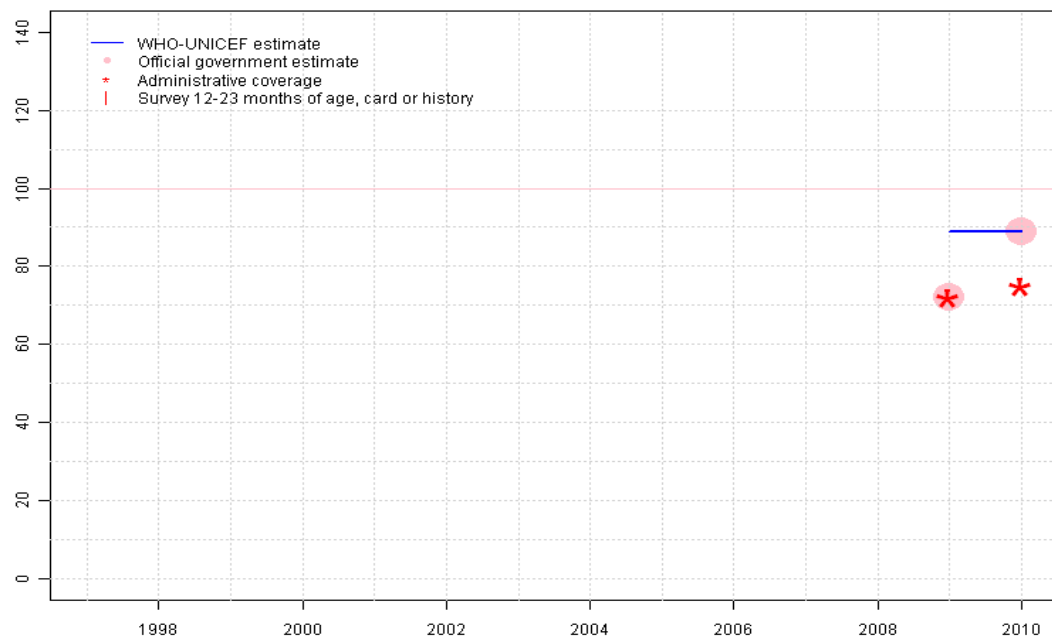
2005: Estimate based on survey results. *Summary survey results of 95 percent based on 2 surveys (see survey summary page) does not support reported data of 71 percent. Survey results of 91 percent modified for recall bias to 95 percent based on 1st dose card or history coverage of 96 percent, 1st dose card only coverage of 83 percent and 3d dose card only coverage of 82 percent. Survey results of 95 percent modified for recall bias to 95 percent based on 1st dose card or history coverage of 97 percent, 1st dose card only coverage of 98 percent and 3d dose card only coverage of 96 percent. Unexplained temporal change in numerator and denominator levels. Current estimate of 95 percent changed from previous revision value of 93 percent.

Swaziland - HepB3

- 2006: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 94 percent changed from previous revision value of 93 percent.
- 2007: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting.
- 2008: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 91 percent changed from previous revision value of 93 percent.
- 2009: Estimate based on interpolation between 2005 and 2010. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Fluctuating and inconsistent data suggest poor reporting. Current estimate of 90 percent changed from previous revision value of 95 percent.
- 2010: Estimates based on reported data. National official estimates are based on preliminary MICS survey results.

Swaziland - Hib3

SWZ - Hib3



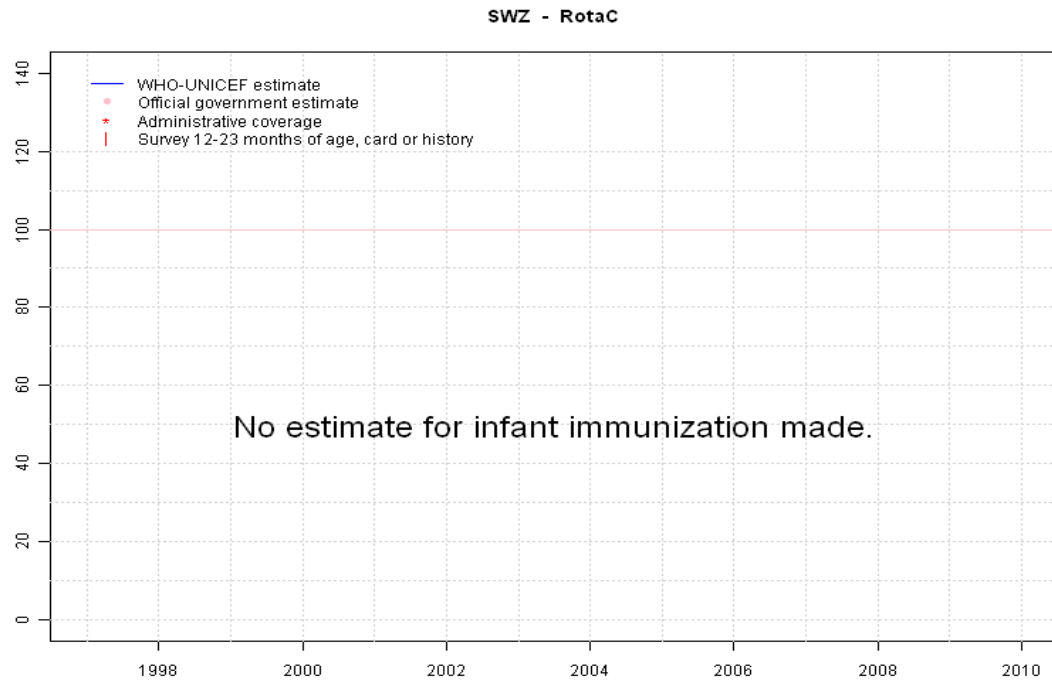
Description:

2009: DTP-HepB-Hib vaccine in 2009. Estimate set to DTP3 levels. Estimate not based on reported data. Unexplained temporal change in numerator and denominator levels. Current estimate of 89 percent changed from previous revision value of 95 percent.

2010: Estimates based on reported data. National official estimates are based on preliminary MICS survey results.

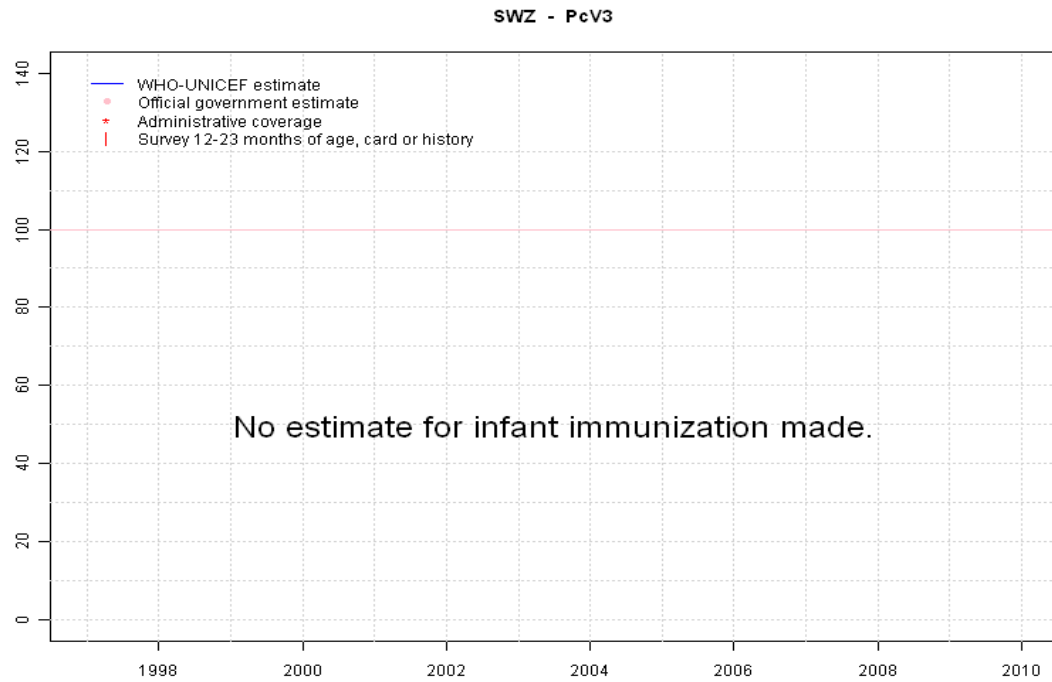
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89	89
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	72	89
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	72	75
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Swaziland - 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

Swaziland - 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

Swaziland - survey details

2007 Swaziland 2008 National Nutrition Survey

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
MCV	History	11	12-23 m	754	0
MCV	Card or History	95	12-23 m	754	0
MCV	Card	84	12-23 m	754	0
MCV	Card <12 months	64	9-11 m	0	0
MCV	C or H <12 months	72	9-11 m	0	0
MCV	History <12 months	8	9-11 m	0	0

2005 Swaziland Demographic and Health Survey 2006-07

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	84	12-23 m	531	84
BCG	Card or History	97	12-23 m	531	84
BCG	C or H <12 months	97	12-23 m	531	84
BCG	History	13	12-23 m	531	84
DTP1	History	12	12-23 m	531	84
DTP1	C or H <12 months	95	12-23 m	531	84
DTP1	Card	84	12-23 m	531	84
DTP1	Card or History	96	12-23 m	531	84
DTP3	Card or History	92	12-23 m	531	84
DTP3	History	9	12-23 m	531	84
DTP3	C or H <12 months	90	12-23 m	531	84
DTP3	Card	82	12-23 m	531	84
HepB1	C or H <12 months	95	12-23 m	531	84
HepB1	Card	83	12-23 m	531	84
HepB1	Card or History	96	12-23 m	531	84
HepB1	History	12	12-23 m	531	84
HepB3	C or H <12 months	90	12-23 m	531	84
HepB3	Card	82	12-23 m	531	84
HepB3	Card or History	91	12-23 m	531	84
HepB3	History	9	12-23 m	531	84
MCV	History	12	12-23 m	531	84
MCV	Card	79	12-23 m	531	84
MCV	Card or History	92	12-23 m	531	84
MCV	C or H <12 months	83	12-23 m	531	84
Pol1	Card	84	12-23 m	531	84

Pol1	Card or History	97	12-23 m	531	84
Pol1	History	13	12-23 m	531	84
Pol1	C or H <12 months	96	12-23 m	531	84
Pol3	History	4	12-23 m	531	84
Pol3	C or H <12 months	86	12-23 m	531	84
Pol3	Card	83	12-23 m	531	84
Pol3	Card or History	87	12-23 m	531	84

2005 Swaziland measles post campaign evaluation and EPI coverage survey reports, July 2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	100	12-23 m	581	79
BCG	Card or History	100	12-23 m	581	79
DTP1	Card	98	12-23 m	581	79
DTP1	Card or History	97	12-23 m	581	79
DTP3	Card	96	12-23 m	581	79
DTP3	Card or History	95	12-23 m	581	79
HepB1	Card	98	12-23 m	581	79
HepB1	Card or History	97	12-23 m	581	79
HepB3	Card	96	12-23 m	581	79
HepB3	Card or History	95	12-23 m	581	79
MCV	Card or History	91	12-23 m	581	79
MCV	Card	89	12-23 m	581	79
Pol1	Card	97	12-23 m	581	79
Pol1	Card or History	97	12-23 m	581	79
Pol3	Card	96	12-23 m	581	79
Pol3	Card or History	95	12-23 m	581	79

2002 Swaziland, Report on National EPI Review, 2003

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	98	12-23 m	209	94
DTP1	Card or History	98	12-23 m	209	94
DTP3	Card or History	97	12-23 m	209	94
HepB3	Card or History	96	12-23 m	209	94
MCV	Card or History	96	12-23 m	209	94

Swaziland - survey details

Pol3 Card or History 97 12-23 m 209 94

1999 Swaziland Multiple Indicator Cluster Survey 2000, 2002

Vaccine Confirmation method Coverage Age cohort Sample Cards seen

BCG	C or H <12 months	94	12-23 m	0	86
DTP1	C or H <12 months	93	12-23 m	0	86
DTP3	C or H <12 months	78	12-23 m	0	86
MCV	C or H <12 months	72	12-23 m	0	86
Pol1	C or H <12 months	91	12-23 m	0	86
Pol3	C or H <12 months	75	12-23 m	0	86

Further information and estimates for 1980-1996 are available at:

http://www.childinfo.org/immunization_countryreports.html

http://www.who.int/immunization_monitoring/routine/immunization_coverage/en/index4.html

Swaziland

WHO/UNICEF Estimates of Protection at Birth (PAB) against tetanus

In countries where tetanus is recommended for girls and women coverage is usually reported as "TT2+", i.e. the proportion of (pregnant) women who have received their second or superior TT dose in a given year. TT2 + coverage, however, can under-represent the actual proportion of births that are protected against tetanus as it does not include women who have previously received protective doses, women who received one dose without documentation of previous doses, and women who received doses in TT (or Td) supplemental immunization activities (SIA). In addition, girls who have received DTP in their childhood and are entering childbearing age, may be protected with TT booster doses.

WHO and UNICEF have developed a model that takes into account the above scenarios, and calculates the proportion of births in a given year that can be considered as having been protected against tetanus - "Protection at Birth".

In this model, annual cohorts of women are followed from infancy through their life. A proportion receive DTP in infancy (estimated based on the WHO-UNICEF estimates of DTP3 coverage). In addition some of these women also receive TT through routine services when they are pregnant and may also receive TT during SIAs. The model also adjusts reported data, taking into account coverage patterns in other years, and/or results available through surveys. The duration of protection is then calculated, based on WHO estimates of the duration of protection by doses ever received. The proportion of births that are protected against tetanus as a result of maternal immunization reflects the tetanus immunization received by the mother throughout her life rather than simply the TT immunizations received during the current pregnancy.

Year	PAB coverage estimate (%)
1997	80
1998	79
1999	79
2000	80
2001	80
2002	81
2003	81
2004	82
2005	82
2006	85
2007	85
2008	86
2009	86
2010	86

¹ This model is described in: Griffiths U., Wolfson L., Quddus A., Younus M., Hafiz R.. Incremental cost-effectiveness of supplementary immunization activities to prevent neo-natal tetanus in Pakistan. Bulletin of the World Health Organization 2004; 82:643-651.