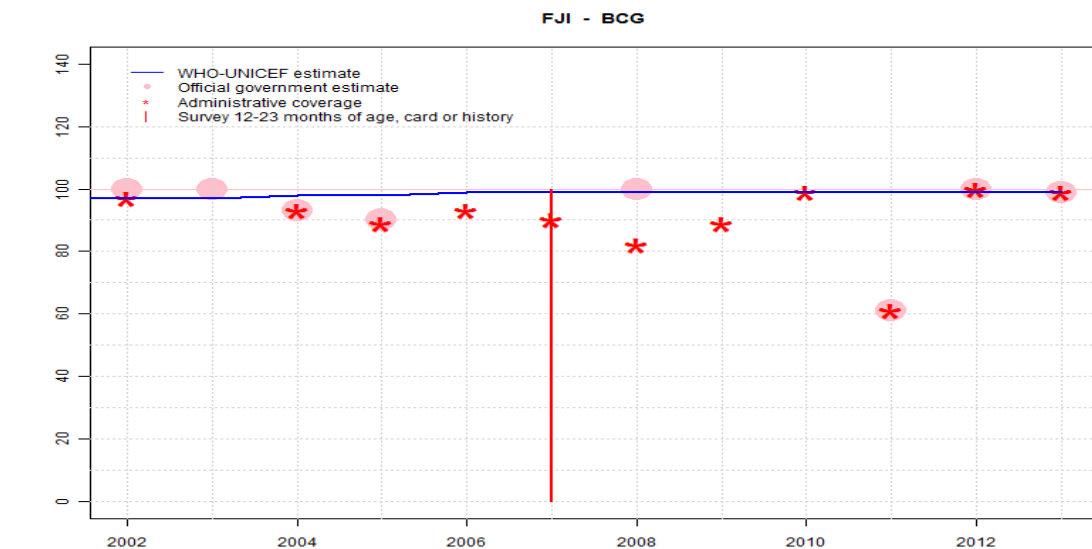


# Fiji - BCG



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	97	97	98	98	99	99	99	99	99	99	99	99
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	100	100	93	90	NA	NA	100	NA	NA	61	100	99
Administrative	97	NA	93	89	93	90	82	89	99	61	100	99
Survey	NA	NA	NA	NA	NA	100	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.

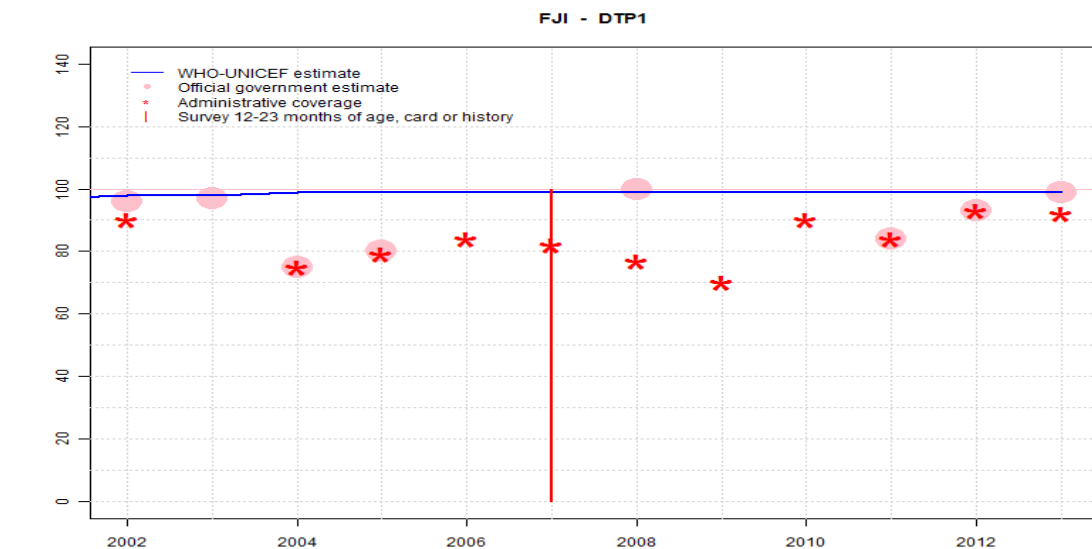
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2003: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2004: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2005: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2006: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2007: Estimate based on survey results to maintain consistency with other vaccines. Estimate challenged by: R-
- 2008: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-
- 2009: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-
- 2010: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-
- 2011: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Decline in reported coverage from 99 percent to 61 percent with increase to 100 percent. Estimate challenged by: D-
- 2012: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-
- 2013: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

# Fiji - DTP1



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	98	98	99	99	99	99	99	99	99	99	99	99
Estimate GoC	•	•	•	•	•	•	•	•	••	••	••	••
Official	96	97	75	80	NA	NA	100	NA	NA	84	93	99
Administrative	90	NA	75	79	84	82	77	70	90	84	93	92
Survey	NA	NA	NA	NA	NA	100	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.

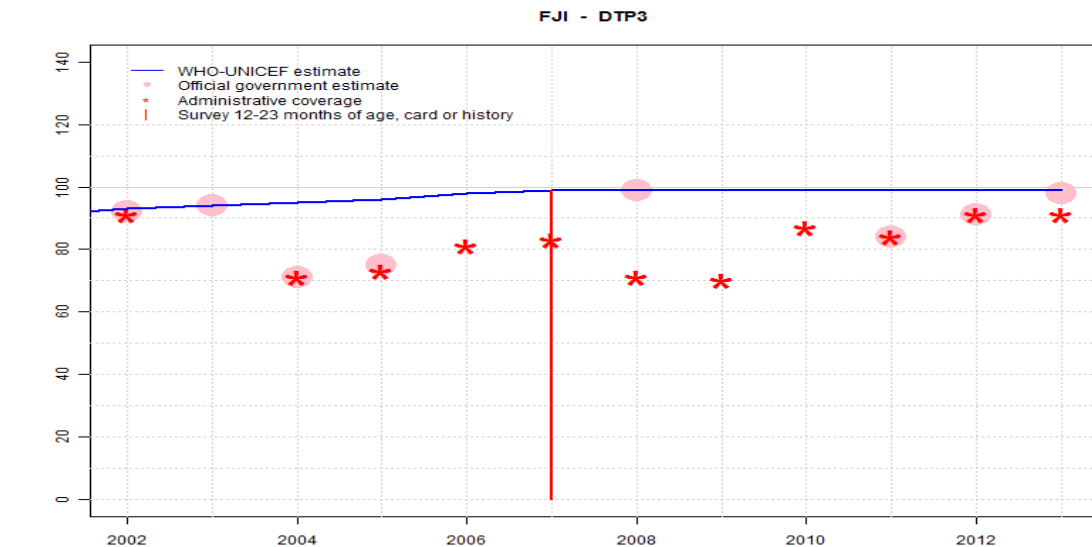
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2003: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2004: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2005: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2006: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2007: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 100 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Unexplained increase from 82 percent to 100 percent with decrease 70 percent. Estimate challenged by: D-
- 2009: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Decline in reported coverage from 100 percent to 70 percent with increase to 90 percent. Estimate challenged by: D-
- 2010: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2011: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2012: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2013: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=D+

# Fiji - DTP3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	93	94	95	96	98	99	99	99	99	99	99	99
Estimate GoC	●	●	●	●	●	●	●	●	●●	●●	●●	●●
Official	92	94	71	75	NA	NA	99	NA	NA	84	91	98
Administrative	91	NA	71	73	81	83	71	70	87	84	91	91
Survey	NA	NA	NA	NA	NA	99	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.

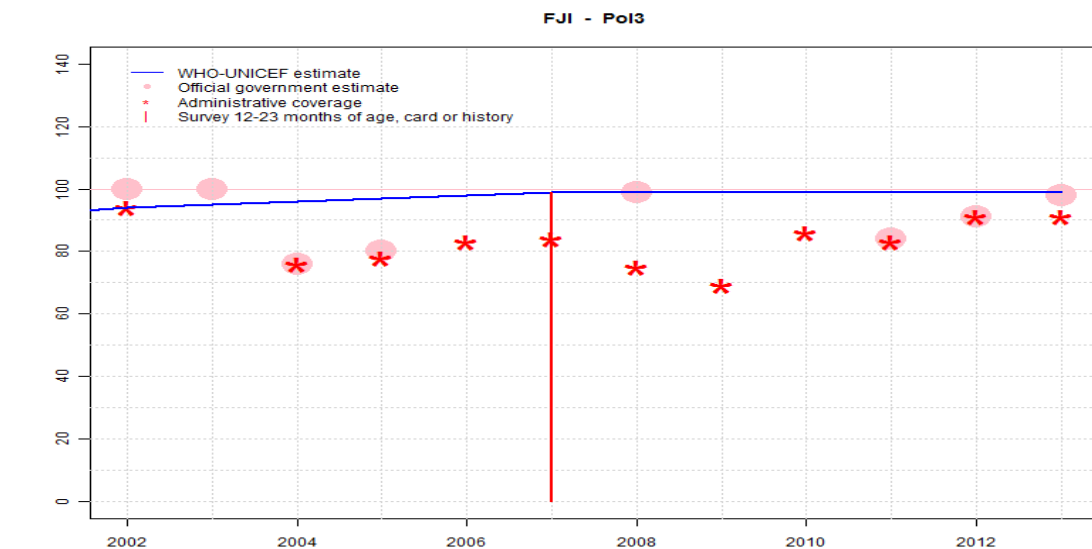
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2003: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2004: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2005: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2006: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2007: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 99 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Unexplained increase from 83 percent to 99 percent with decrease 70 percent. Estimate challenged by: D-
- 2009: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Decline in reported coverage from 99 percent to 70 percent with increase to 87 percent. Estimate challenged by: D-
- 2010: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2011: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2012: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2013: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=D+

# Fiji - Pol3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	94	95	96	97	98	99	99	99	99	99	99	99
Estimate GoC	•	•	•	•	•	•	•	•	••	••	••	••
Official	100	100	76	80	NA	NA	99	NA	NA	84	91	98
Administrative	94	NA	76	78	83	84	75	69	86	83	91	91
Survey	NA	NA	NA	NA	NA	99	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.

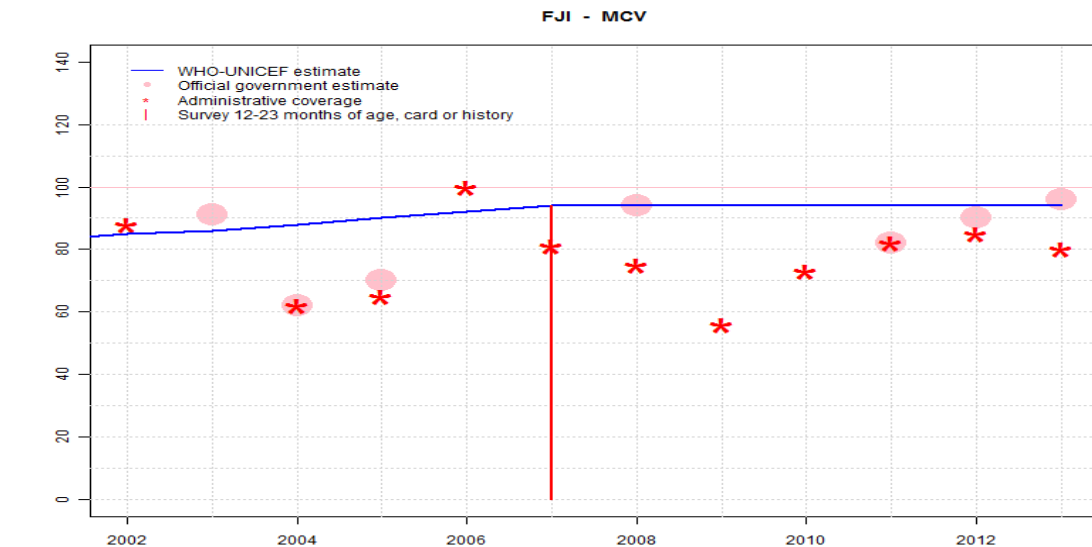
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2003: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2004: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2005: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2006: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2007: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 99 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Unexplained increase from 84 percent to 99 percent with decrease 69 percent. Estimate challenged by: D-
- 2009: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Decline in reported coverage from 99 percent to 69 percent with increase to 86 percent. Estimate challenged by: D-
- 2010: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2011: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2012: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2013: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=D+

# Fiji - MCV



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	85	86	88	90	92	94	94	94	94	94	94	94
Estimate GoC	•	•	•	•	•	•	•	•	•	••	••	••
Official	NA	91	62	70	NA	NA	94	NA	NA	82	90	96
Administrative	88	NA	62	65	100	81	75	56	73	82	85	80
Survey	NA	NA	NA	NA	NA	94	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.

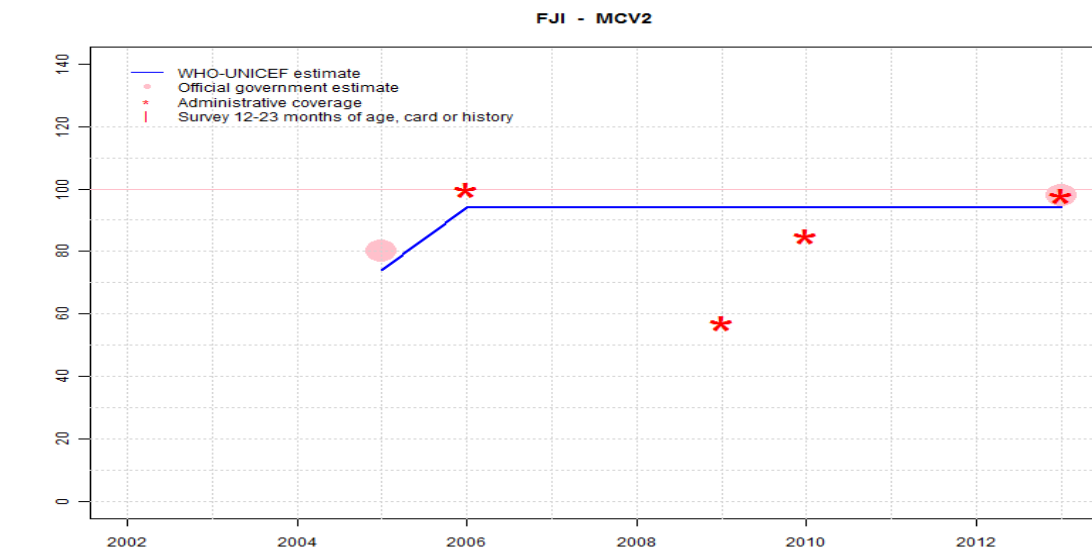
## Description:

- 2002: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2003: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2004: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2005: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2006: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Unexplained increase from 70 percent to 100 percent with decrease 81 percent. Estimate challenged by: R-
- 2007: Estimates based on survey results. Reported data excluded. Decline in reported coverage from 100 percent to 81 percent with increase to 94 percent. Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Unexplained increase from 81 percent to 94 percent with decrease 56 percent. Estimate of 94 percent changed from previous revision value of 97 percent. Estimate challenged by: D-
- 2009: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Decline in reported coverage from 94 percent to 56 percent with increase to 73 percent. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: D-
- 2010: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: D-
- 2011: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate of 94 percent changed from previous revision value of 99 percent. GoC=D+
- 2012: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate of 94 percent changed from previous revision value of 99 percent. GoC=D+
- 2013: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. No nation-

ally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=D+



# Fiji - MCV2



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	74	94	94	94	94	94	94	94	94
Estimate GoC	NA	NA	NA	•	••	•	•	•	••	•	•	••
Official	NA	NA	NA	80	NA	NA	NA	NA	NA	NA	NA	98
Administrative	NA	NA	NA	NA	100	NA	NA	57	85	NA	NA	98
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.

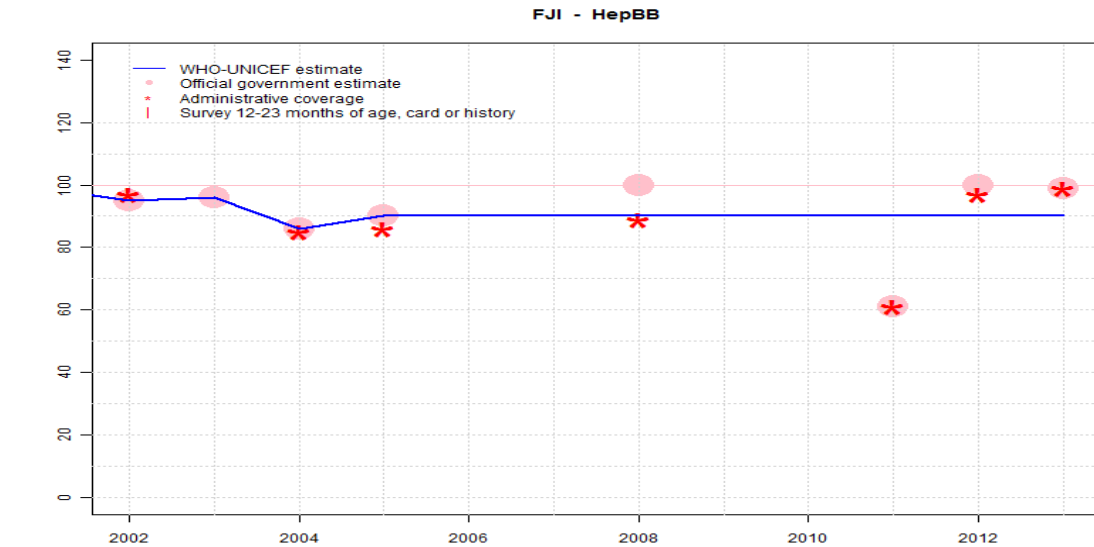
## Description:

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

- 2005: Reported data calibrated to 2007 levels. GoC=No accepted empirical data
- 2006: Reported data calibrated to 2007 levels. GoC=D+
- 2007: Estimate based on survey results for MCV. GoC=No accepted empirical data
- 2008: Reported data calibrated to 2007 levels. GoC=No accepted empirical data
- 2009: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-
- 2010: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2011: Reported data calibrated to 2007 levels. GoC=No accepted empirical data
- 2012: Reported data calibrated to 2007 levels. GoC=No accepted empirical data
- 2013: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels.No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=D+



# Fiji - HepBB



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	95	96	86	90	90	90	90	90	90	90	90	90
Estimate GoC	••	••	••	•	•	•	••	•	•	•	•	•
Official	95	96	86	90	NA	NA	100	NA	NA	61	100	99
Administrative	97	NA	85	86	NA	NA	89	NA	NA	61	97	99
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.

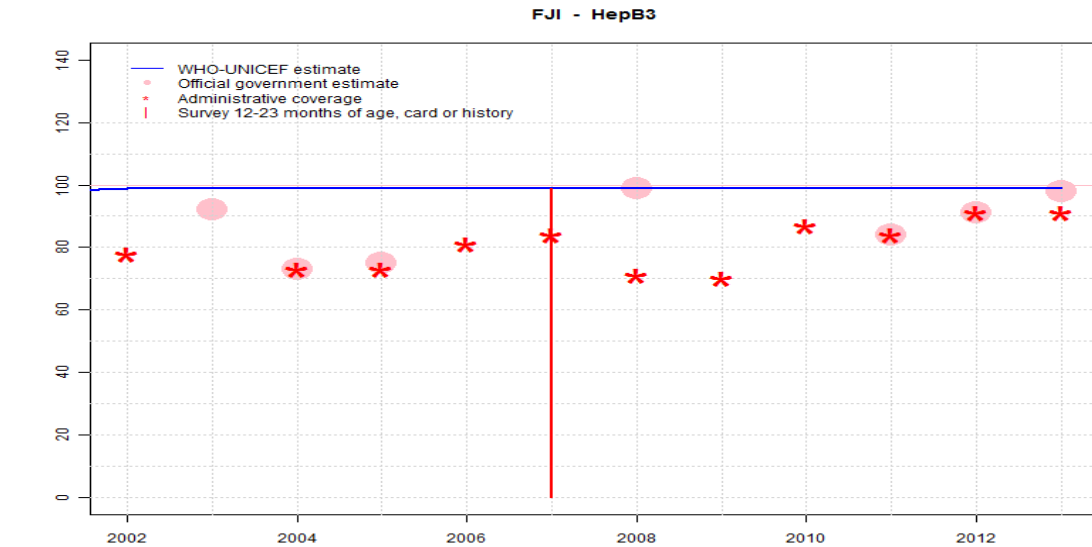
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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+D+
- 2003: Estimate based on coverage reported by national government. GoC=R+
- 2004: Estimate based on coverage reported by national government. GoC=R+D+
- 2005: Estimate based on coverage reported by national government. Estimate challenged by: D-
- 2006: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2007: Estimate based on extrapolation from data reported by national government. GoC=No accepted empirical data
- 2008: Estimate based on extrapolation from data reported by national government. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2009: Estimate based on extrapolation from data reported by national government. 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 extrapolation from data reported by national government. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-
- 2012: Estimate based on extrapolation from data reported by national government. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-
- 2013: Estimate based on extrapolation from data reported by national government. Reported data excluded. Unexplained temporal change in numerator and denominator levels.No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-

# Fiji - HepB3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	99	99	99	99	99	99	99	99	99	99	99	99
Estimate GoC	•	•	•	•	•	•	•	•	••	••	••	••
Official	NA	92	73	75	NA	NA	99	NA	NA	84	91	98
Administrative	78	NA	73	73	81	84	71	70	87	84	91	91
Survey	NA	NA	NA	NA	NA	99	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.

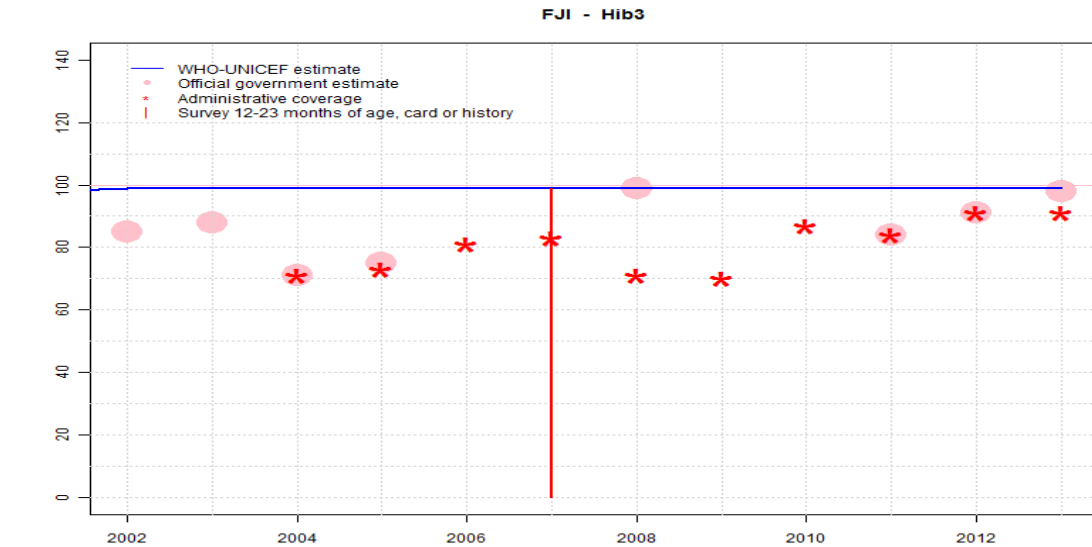
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Decline in reported coverage from 93 percent to 78 percent with increase to 92 percent. Estimate challenged by: D-R-
- 2003: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Unexplained increase from 78 percent to 92 percent with decrease 73 percent. Estimate challenged by: R-
- 2004: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2005: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2006: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2007: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 99 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Unexplained increase from 84 percent to 99 percent with decrease 70 percent. Estimate challenged by: D-
- 2009: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Decline in reported coverage from 99 percent to 70 percent with increase to 87 percent. Estimate challenged by: D-
- 2010: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2011: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2012: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2013: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=D+

# Fiji - Hib3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	99	99	99	99	99	99	99	99	99	99	99	99
Estimate GoC	•	•	•	•	•	•	•	•	••	••	••	••
Official	85	88	71	75	NA	NA	99	NA	NA	84	91	98
Administrative	NA	NA	71	73	81	83	71	70	87	84	91	91
Survey	NA	NA	NA	NA	NA	99	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.

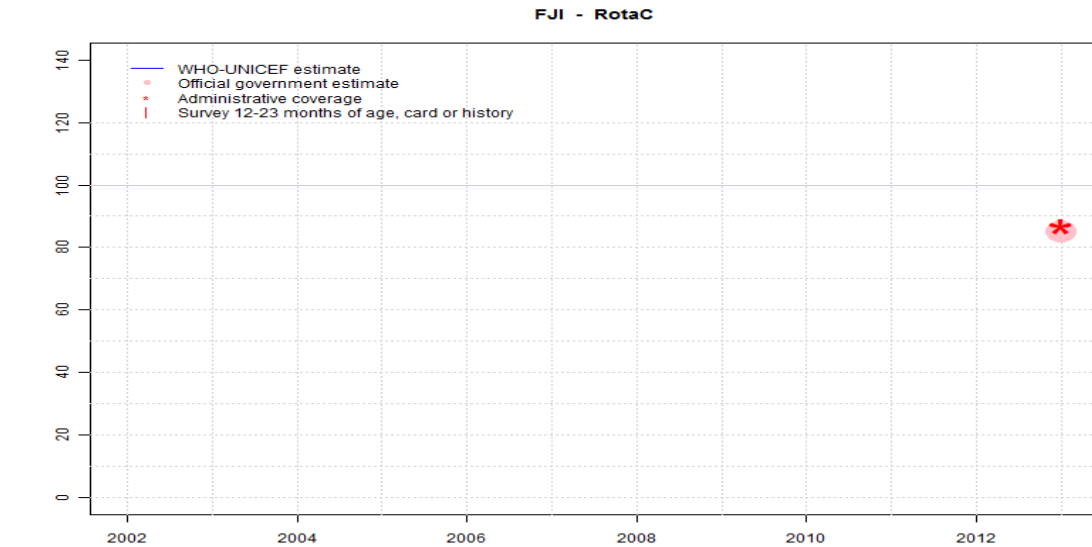
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2003: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-
- 2004: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2005: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2006: Estimate based on interpolation between 1997 and 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-
- 2007: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 99 percent based on 1 survey(s). Estimate challenged by: D-R-
- 2008: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Unexplained increase from 83 percent to 99 percent with decrease 70 percent. Estimate challenged by: D-
- 2009: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. Reported data excluded. Decline in reported coverage from 99 percent to 70 percent with increase to 87 percent. Estimate challenged by: D-
- 2010: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2011: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2012: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. GoC=D+
- 2013: Reported data calibrated to 2007 levels. Reported data excluded. Unexplained temporal change in numerator and denominator levels. No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. GoC=D+

# Fiji - RotaC



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	●
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87
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.

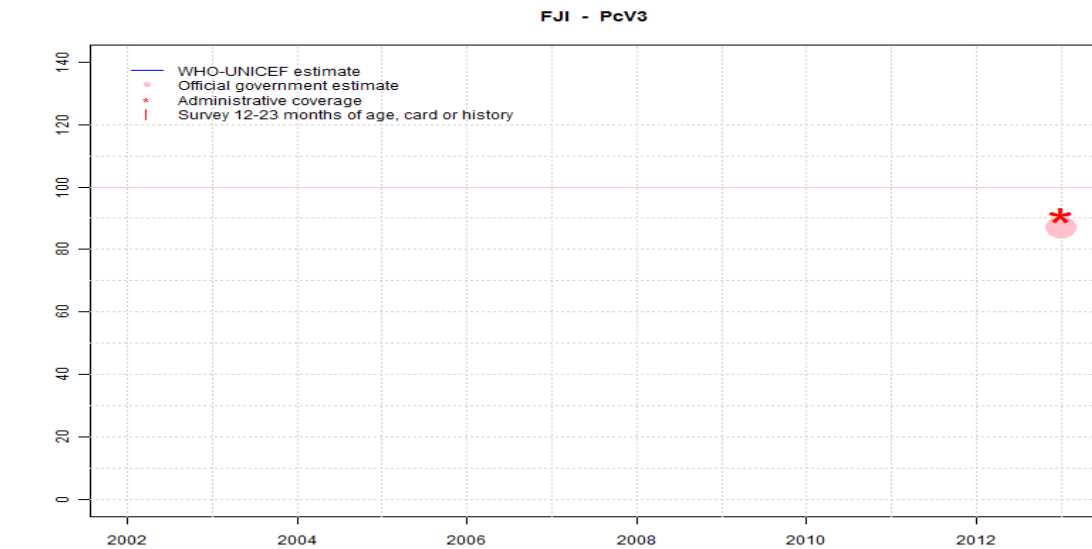
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

2013: Rotavirus vaccine introduced in October 2012. Reporting began in 2013. Estimated based on official government estimate. Reported data excluded. Unexplained temporal change in numerator and denominator levels.No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-R-

# Fiji - PcV3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	●
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91
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:

2013: Pneumococcal conjugate vaccine introduced in October 2012. Reporting began in 2013. Estimated based on official government estimate. Reported data excluded. Unexplained temporal change in numerator and denominator levels.No nationally representative household survey within the last 5 years. WHO and UNICEF recommend a high-quality survey to confirm reported levels of coverage. Estimate challenged by: D-R-

# Fiji - survey details

## 2007 Fiji National Immunisation Coverage Survey 2008

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	80	15-26 m	1200	78
BCG	Card or History	100	15-26 m	1200	78
DTP1	Card	80	15-26 m	1200	78
DTP1	Card or History	100	15-26 m	1200	78
DTP3	Card	79	15-26 m	1200	78
DTP3	Card or History	99	15-26 m	1200	78
HepB1	Card	80	15-26 m	1200	78
HepB1	Card or History	100	15-26 m	1200	78
HepB3	Card	79	15-26 m	1200	78
HepB3	Card or History	99	15-26 m	1200	78
Hib1	Card	80	15-26 m	1200	78
Hib1	Card or History	100	15-26 m	1200	78
Hib3	Card	79	15-26 m	1200	78
Hib3	Card or History	99	15-26 m	1200	78
MCV	Card	76	15-26 m	1200	78
MCV	Card or History	94	15-26 m	1200	78
Pol1	Card	80	15-26 m	1200	78
Pol1	Card or History	100	15-26 m	1200	78
Pol3	Card	79	15-26 m	1200	78
Pol3	Card or History	99	15-26 m	1200	78

## 2004 Fiji Immunization Coverage Survey Report 2005

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	99	12-23 m	630	-
DTP3	Card	83	12-23 m	630	-
HepB3	Card	92	12-23 m	630	-
MCV	Card	80	12-23 m	630	-
Pol3	Card	76	12-23 m	630	-

## 1998 Fiji National EPI Survey 1999

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card or History	100	12-23 m	-	-
DTP1	Card or History	95	12-23 m	-	-
DTP3	Card or History	92	12-23 m	-	-
HepB3	Card or History	94	12-23 m	-	-
MCV	Card or History	92	12-23 m	-	-
Pol3	Card or History	100	12-23 m	-	-

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)

## Fiji

### 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 (%)
2002	92
2003	92
2004	93
2005	93
2006	93
2007	94
2008	94
2009	94
2010	94
2011	94
2012	94
2013	94

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<sup>1</sup> 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.