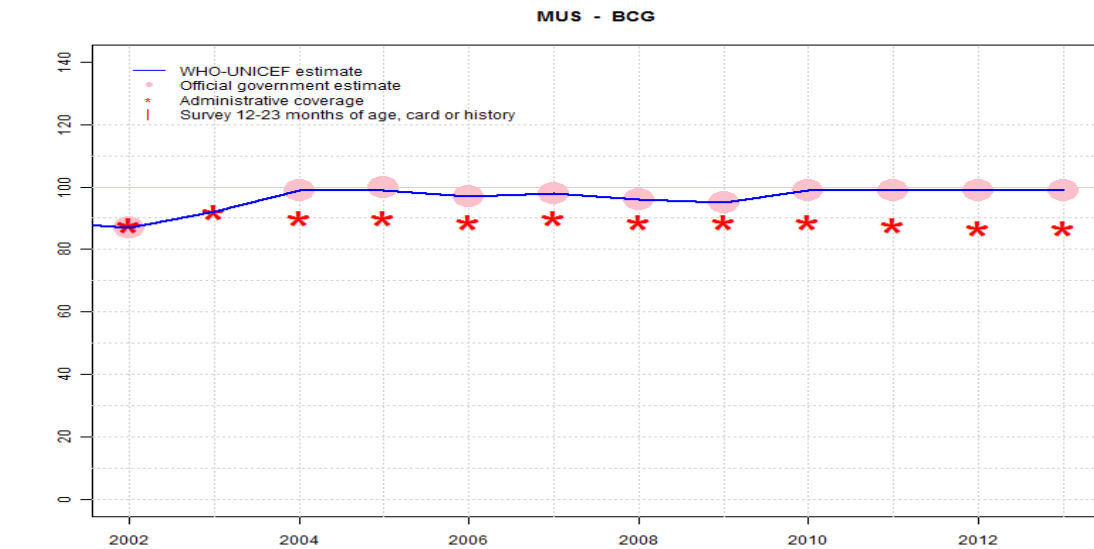


Mauritius - BCG



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	87	92	99	99	97	98	96	95	99	99	99	99
Estimate GoC	••	••	••	••	••	••	••	••	••	••	•	•
Official	87	NA	99	100	97	98	96	95	99	99	99	99
Administrative	88	92	90	90	89	90	89	89	89	88	87	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.

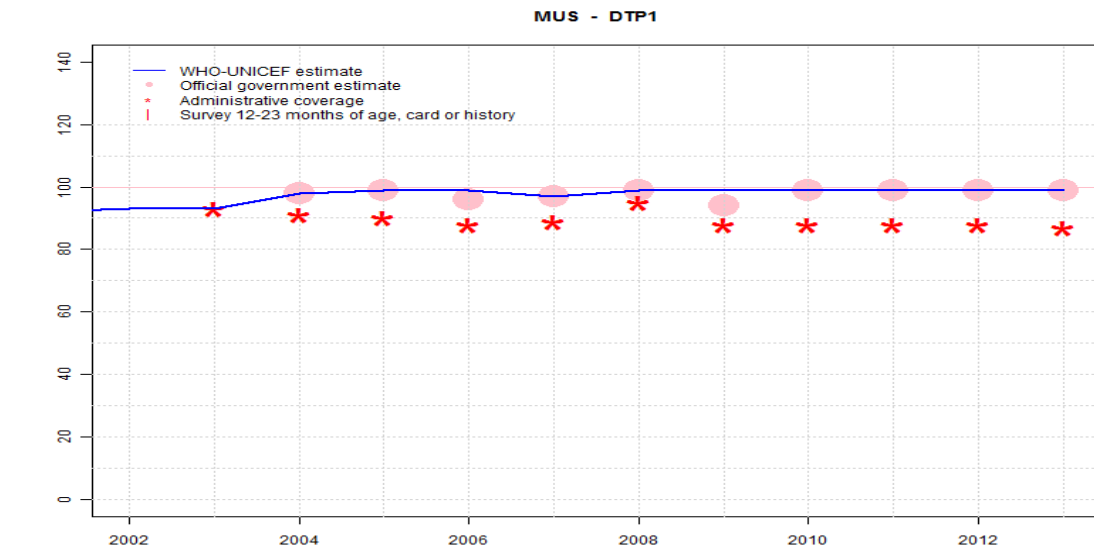
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

- 2002: Estimate based on coverage reported by national government. GoC=R+
- 2003: Estimate based on reported administrative data. GoC=R+ D+
- 2004: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2005: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2006: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2007: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2009: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2010: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2011: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. 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-

Mauritius - DTP1



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	93	93	98	99	99	97	99	99	99	99	99	99
Estimate GoC	•	••	••	••	•	••	••	•	••	••	•	•
Official	NA	NA	98	99	96	97	99	94	99	99	99	99
Administrative	NA	93	91	90	88	89	95	88	88	88	88	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.

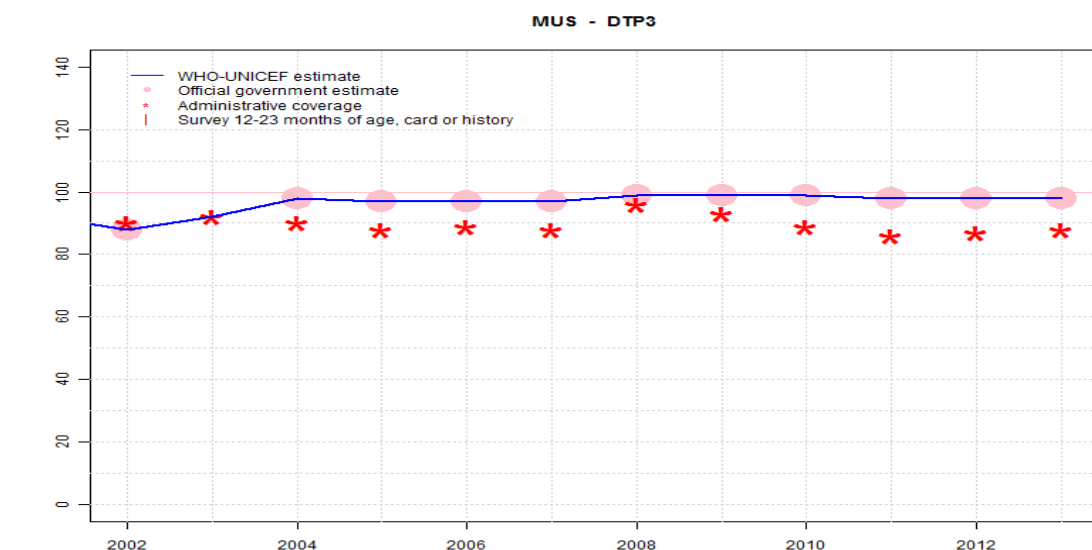
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

- 2002: Estimate based on interpolation between data reported by national government. GoC=No accepted empirical data
- 2003: Estimate based on reported administrative data. GoC=R+ D+
- 2004: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2005: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2006: DTP1 coverage estimated based on DTP3 coverage of 97. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: R-
- 2007: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2009: DTP1 coverage estimated based on DTP3 coverage of 99. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: R-
- 2010: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2011: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: D-
- 2013: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. 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-

Mauritius - DTP3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	88	92	98	97	97	97	99	99	99	98	98	98
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	•
Official	88	NA	98	97	97	97	99	99	99	98	98	98
Administrative	90	92	90	88	89	88	96	93	89	86	87	88
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.

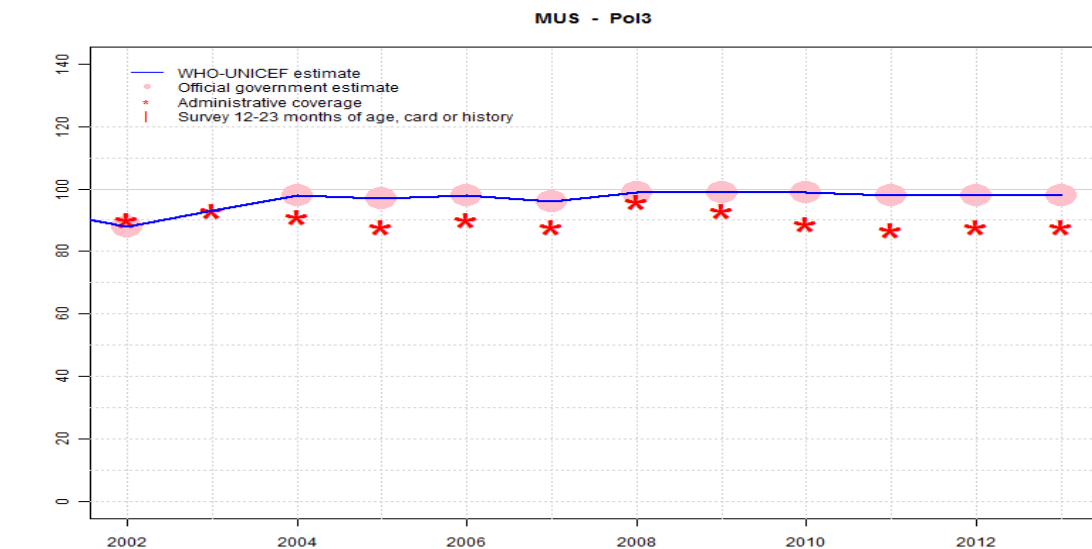
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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+
- 2003: Estimate based on reported administrative data. GoC=R+ D+
- 2004: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2005: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2006: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2007: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2009: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2010: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2011: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. 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-

Mauritius - Pol3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	88	93	98	97	98	96	99	99	99	98	98	98
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	•
Official	88	NA	98	97	98	96	99	99	99	98	98	98
Administrative	90	93	91	88	90	88	96	93	89	87	88	88
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.

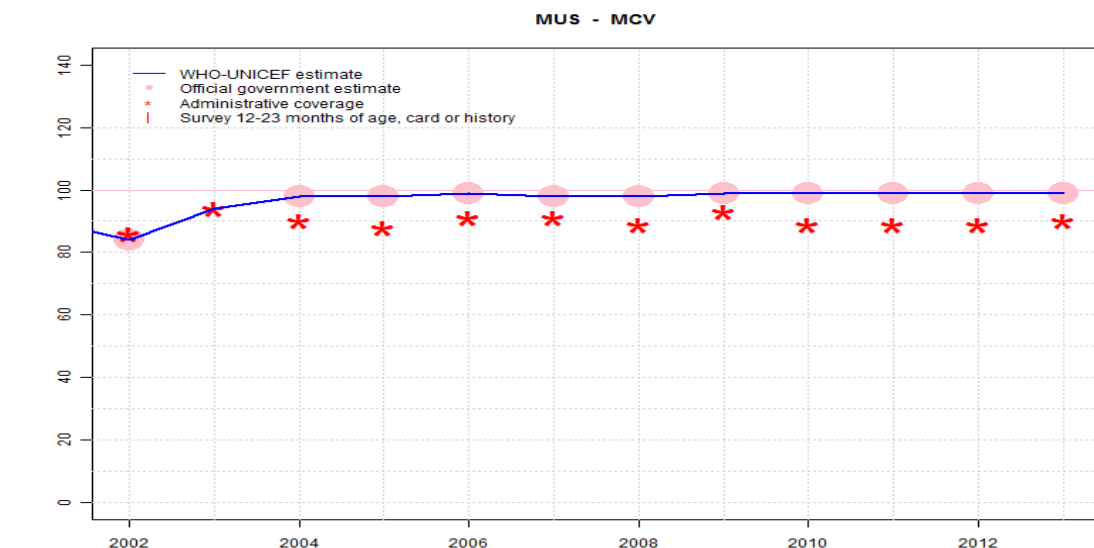
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 reported administrative data. GoC=R+ D+
- 2004: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2005: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2006: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2007: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2009: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2010: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2011: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. 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-

Mauritius - MCV



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	84	94	98	98	99	98	98	99	99	99	99	99
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	•
Official	84	NA	98	98	99	98	98	99	99	99	99	99
Administrative	86	94	90	88	91	91	89	93	89	89	89	90
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.

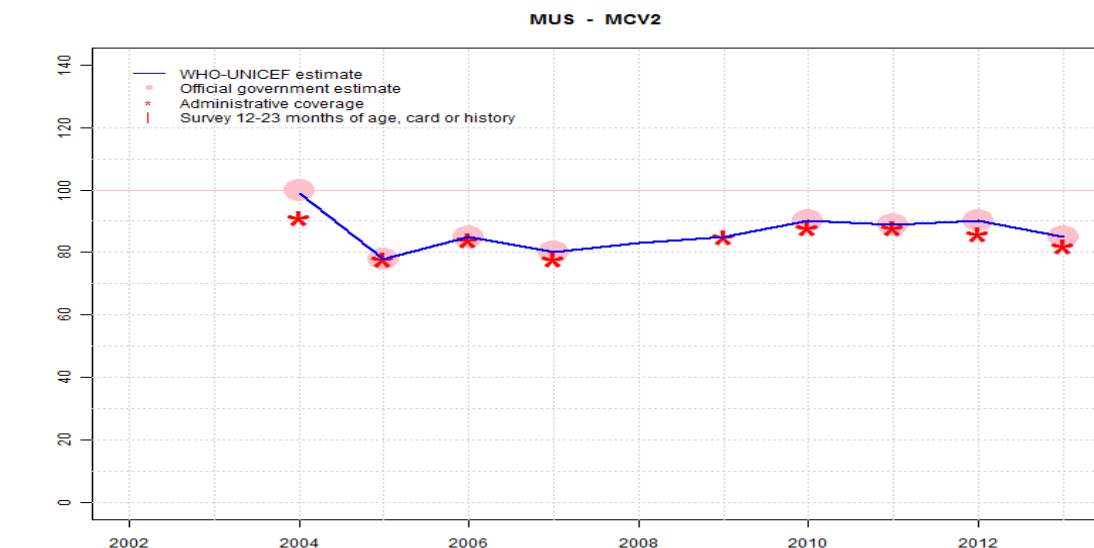
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 reported administrative data. GoC=R+ D+
- 2004: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2005: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2006: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2007: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2009: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2010: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2011: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. 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-

Mauritius - MCV2



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	99	78	85	80	83	85	90	89	90	85
Estimate GoC	NA	NA	•	•	••	•	•	•	•	•	••	••
Official	NA	NA	100	78	85	80	NA	NA	90	89	90	85
Administrative	NA	NA	91	78	84	78	NA	85	88	88	86	82
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.

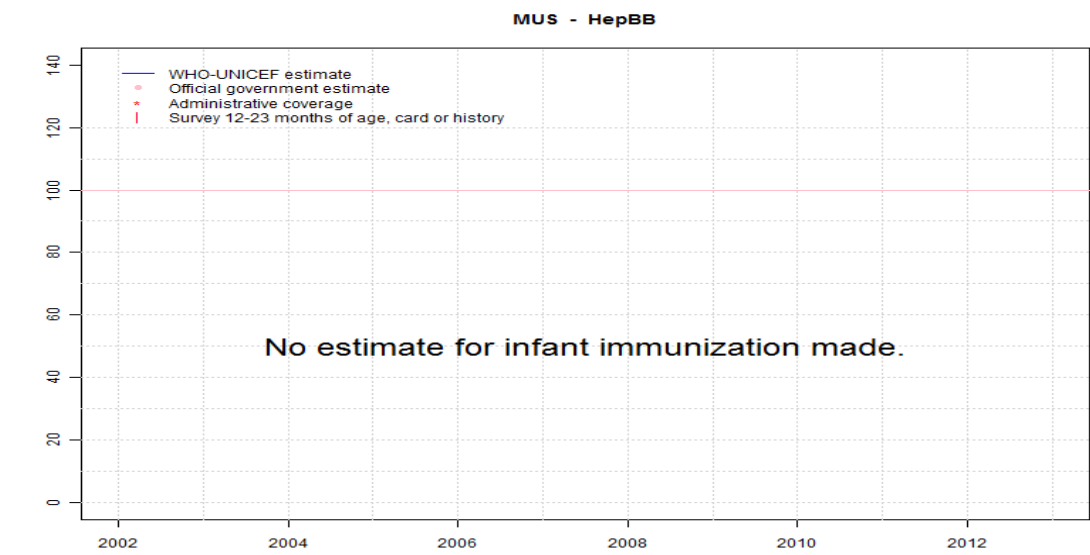
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

- 2004: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: D-
- 2005: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: D-
- 2006: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2007: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: D-
- 2008: Estimate based on interpolation between reported values. National estimates are adjusted to include immunizations occurring in the private sector. GoC=No accepted empirical data
- 2009: Estimate based on reported administrative estimate. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: D-
- 2010: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: D-
- 2011: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. Estimate challenged by: D-
- 2012: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. 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=R+ D+



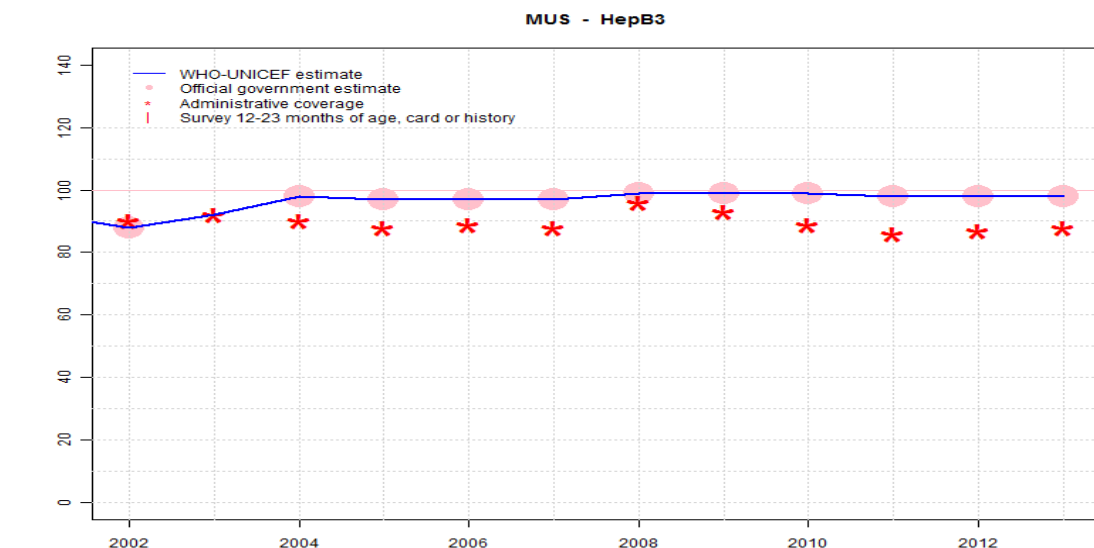
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

Mauritius - HepB3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	88	92	98	97	97	97	99	99	99	98	98	98
Estimate GoC	••	••	••	••	••	••	••	••	••	••	••	•
Official	88	NA	98	97	97	97	99	99	99	98	98	98
Administrative	90	92	90	88	89	88	96	93	89	86	87	88
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.

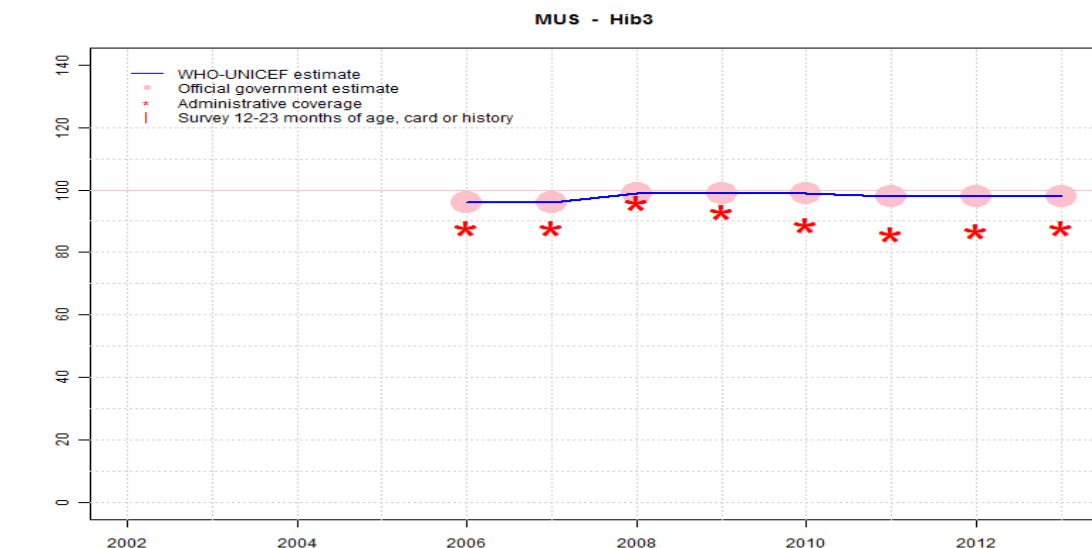
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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 reported administrative data. GoC=R+ D+
- 2004: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2005: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2006: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2007: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2009: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2010: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2011: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. 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-

Mauritius - Hib3



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	96	96	99	99	99	98	98	98
Estimate GoC	NA	NA	NA	NA	•	••	••	••	••	••	••	•
Official	NA	NA	NA	NA	96	96	99	99	99	98	98	98
Administrative	NA	NA	NA	NA	88	88	96	93	89	86	87	88
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.

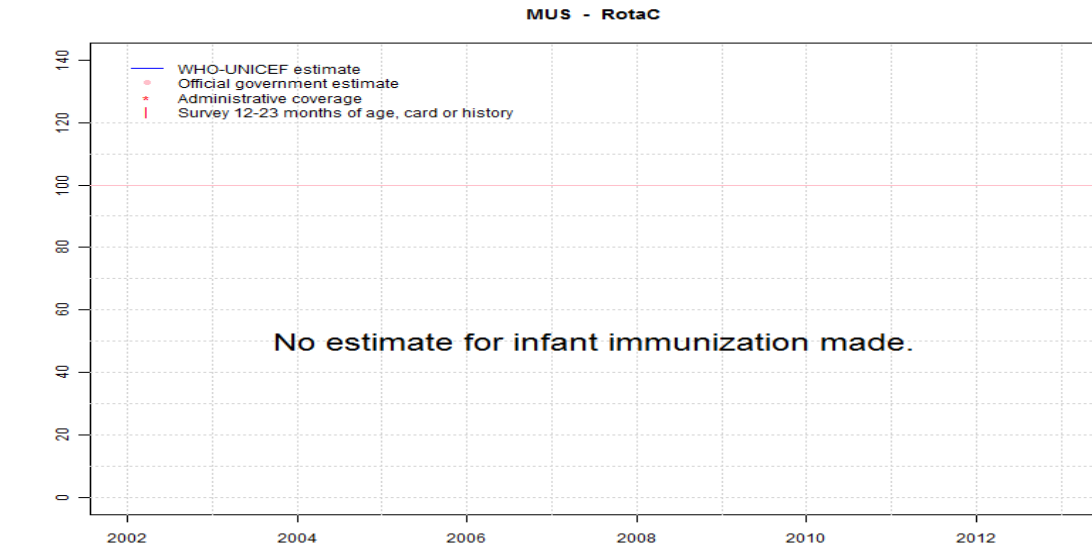
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2012 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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

- 2006: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. Hib vaccine introduced in 2006 Vaccine presentation is DTP-Hib. Estimate challenged by: D-
- 2007: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2008: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2009: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2010: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2011: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2012: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. GoC=R+ D+
- 2013: Estimate based on coverage reported by national government. National estimates are adjusted to include immunizations occurring in the private sector. 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-

Mauritius - RotaC

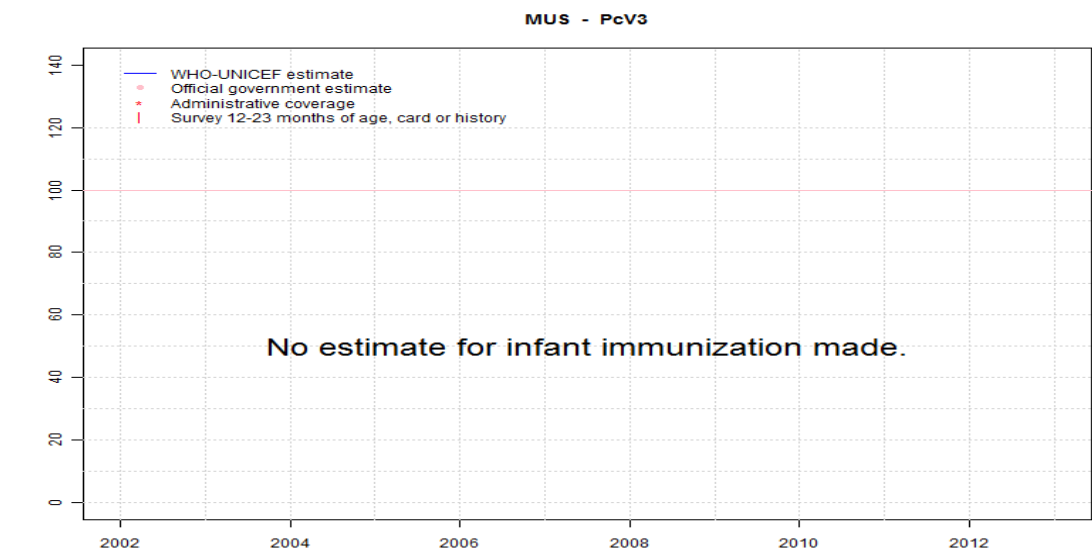


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Administrative	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Survey	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

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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.



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Estimate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Estimate GoC	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
Administrative	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

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.

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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.

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

Mauritius

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	79
2003	79
2004	89
2005	86
2006	85
2007	86
2008	87
2009	87
2010	95
2011	95
2012	95
2013	95

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.