# Nauru: WHO and UNICEF estimates of immunization coverage: 2014 revision



BCG

DTP1

DTP3

Pol3

MCV1

HepB3

Hib3

RotaC

No estimate for infant immunization made.

PcV3

No estimate for infant immunization made.

NRU - BCG

Legend:
- WHO-UNICEF estimate
- Official government estimate
- * Administrative coverage
- | Survey 12-23 months of age, card or history

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | 97 | 93 | 90 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| Estimate GoC | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Official | NA | NA | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | NA | 98 |
| Administrative | NA | NA | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | NA | 100 |
| Survey | NA | NA | NA | 98 | NA | NA | NA | NA | NA | NA | NA | NA |

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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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●●● 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:

2003: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data

2004: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2006: Estimate based on coverage reported by national government. Survey results ignored. Sample size 63 less than 300. Estimate challenged by: D-

2007: Estimate based on coverage reported by national government. Estimate challenged by: D-

2008: Estimate based on coverage reported by national government. Estimate challenged by: D-

2009: Estimate based on coverage reported by national government. Estimate challenged by: D-

2010: Estimate based on coverage reported by national government. Estimate challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate challenged by: D-

2012: Estimate based on coverage reported by national government. . Estimate challenged by: D-

2013: Estimate based on interpolation between data reported by national government. GoC=No accepted empirical data

2014: Estimate based on reported administrative data. Adjustments to administrative data to obtain official estimates are unexplained. Estimate challenged by: D-

# Nauru - DTP1



NRU - DTP1
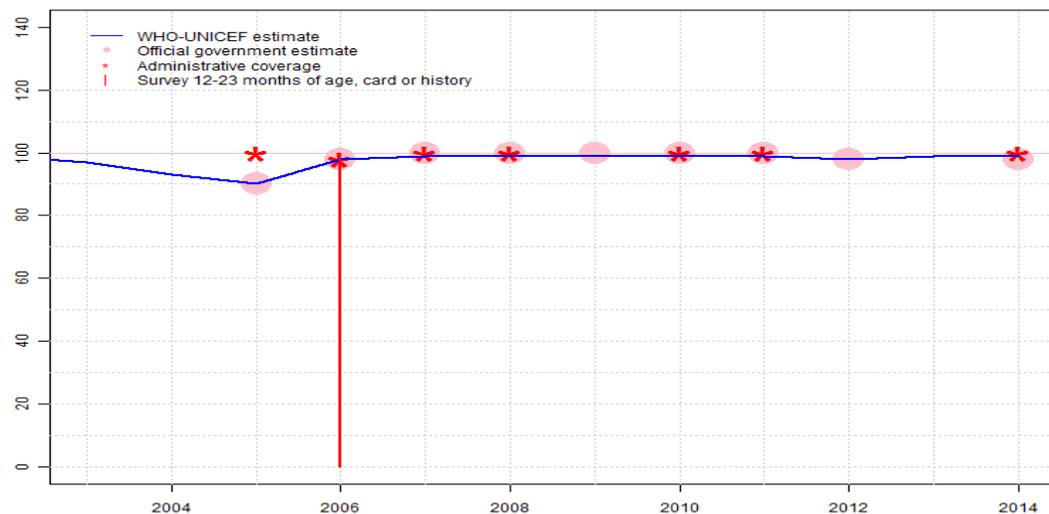
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | 97 | 93 | 90 | 98 | 99 | 99 | 99 | 99 | 99 | 98 | 99 | 99 |
| Estimate GoC | ● | ● | ● | ● | ● | ● | ●● | ● | ● | ●● | ● | ● |
| Official | NA | NA | 90 | 98 | 100 | 100 | 100 | 100 | 100 | 98 | NA | 98 |
| Administrative | NA | NA | 100 | 98 | 100 | 100 | NA | 100 | 100 | NA | NA | 100 |
| Survey | NA | NA | NA | 98 | 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 Popula-
tion 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-];
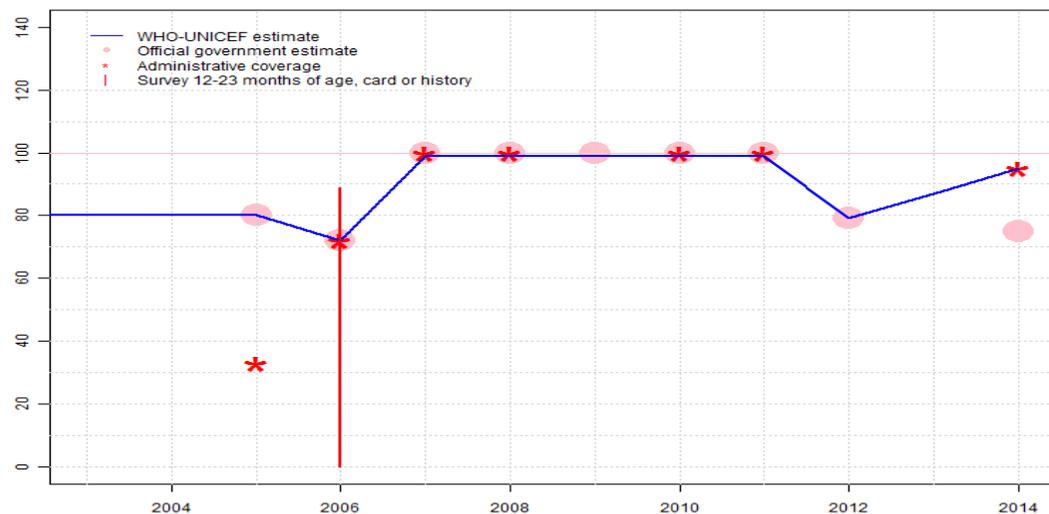challenge the estimate.

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:

2003: Estimate based on interpolation between data reported by national govern-
ment. Fluctuation in reported data is attributed to small birth cohort.
GoC=No accepted empirical data

2004: Estimate based on interpolation between data reported by national govern-
ment. Fluctuation in reported data is attributed to small birth cohort.
Estimate challenged by: D-

2005: Estimate based on coverage reported by national government. Fluctuation
in reported data is attributed to small birth cohort. Estimate challenged
by: D-

2006: Estimate based on coverage reported by national government. Survey results
ignored. Sample size 63 less than 300. Estimate challenged by: D-

2007: Estimate based on coverage reported by national government. Estimate
challenged by: D-

2008: Estimate based on coverage reported by national government. Estimate
challenged by: D-

2009: Estimate based on coverage reported by national government. GoC=R+

2010: Estimate based on coverage reported by national government. Estimate
challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate
challenged by: D-

2012: Estimate based on coverage reported by national government. . GoC=R+

2013: Estimate based on interpolation between data reported by national govern-
ment. Estimate of 99 percent changed from previous revision value of 98
percent. GoC=No accepted empirical data

2014: Estimate based on reported administrative data. Adjustments to adminis-
trative data to obtain official estimates are unexplained. Estimate chal-
lenged by: D-

# Nauru - DTP3



NRU - DTP3

Legend:
- WHO-UNICEF estimate
- Official government estimate
- * Administrative coverage
- | Survey 12-23 months of age, card or history

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | 80 | 80 | 80 | 72 | 99 | 99 | 99 | 99 | 99 | 79 | 87 | 95 |
| Estimate GoC | • | •• | • | •• | • | • | •• | • | • | •• | • | • |
| Official | NA | NA | 80 | 72 | 100 | 100 | 100 | 100 | 100 | 79 | NA | 75 |
| Administrative | NA | NA | 33 | 72 | 100 | 100 | NA | 100 | 100 | NA | NA | 95 |
| Survey | NA | NA | NA | 89 | 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.
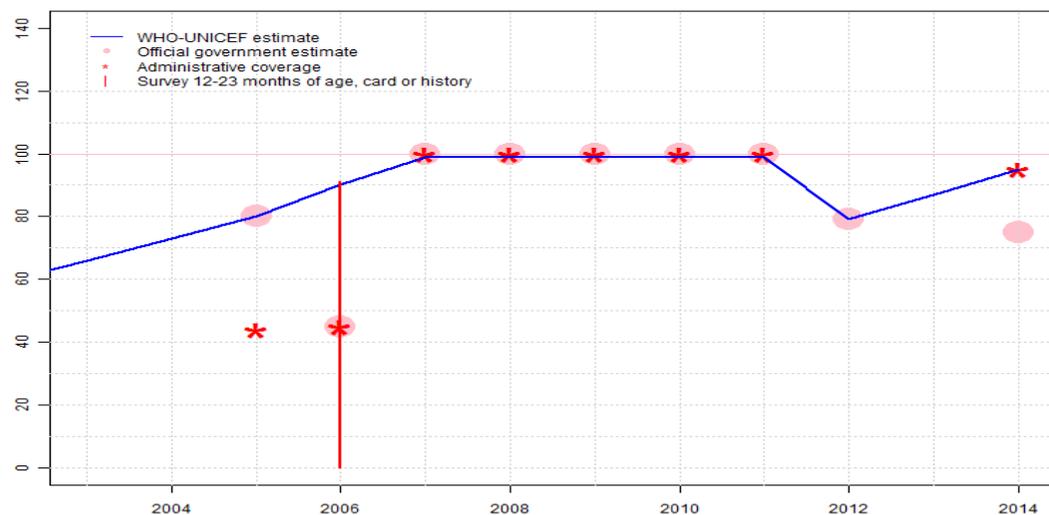
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

## Description:

2003: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data

2004: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=D+

2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2006: Estimate based on coverage reported by national government. Survey results ignored. Sample size 63 less than 300. Republic of Nauru Demographic and Health Survey 2007 card or history results of 89 percent modifed for recall bias to 91 percent based on 1st dose card or history coverage of 98 percent, 1st dose card only coverage of 96 percent and 3d dose card only coverage of 89 percent. GoC=R+ D+

2007: Estimate based on coverage reported by national government. Estimate challenged by: D-

2008: Estimate based on coverage reported by national government. Estimate challenged by: D-

2009: Estimate based on coverage reported by national government. GoC=R+

2010: Estimate based on coverage reported by national government. Estimate challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate challenged by: D-

2012: Estimate based on coverage reported by national government. . GoC=R+

2013: Estimate based on interpolation between data reported by national government. Estimate of 87 percent changed from previous revision value of 79 percent. GoC=No accepted empirical data

2014: Estimate based on reported administrative data. Adjustments to administrative data to obtain official estimates are unexplained. Estimate challenged by: D-

# Nauru - Pol3



NRU - Pol3

Legend:
- WHO-UNICEF estimate
- Official government estimate
- * Administrative coverage
- | Survey 12-23 months of age, card or history

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | 66 | 73 | 80 | 90 | 99 | 99 | 99 | 99 | 99 | 79 | 87 | 95 |
| Estimate GoC | ● | ● | ● | ● | ● | ● | ● | ● | ● | ●● | ● | ● |
| Official | NA | NA | 80 | 45 | 100 | 100 | 100 | 100 | 100 | 79 | NA | 75 |
| Administrative | NA | NA | 44 | 45 | 100 | 100 | 100 | 100 | 100 | NA | NA | 95 |
| Survey | NA | NA | NA | 91 | NA | NA | NA | NA | NA | NA | NA | NA |

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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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●●● 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.

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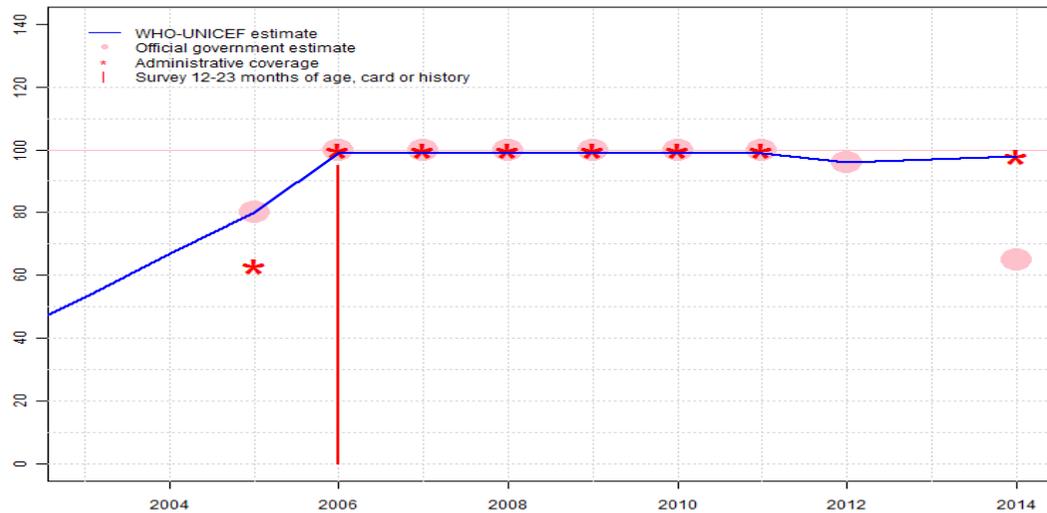
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## Description:

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2004: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2006: Estimate based on interpolation between data reported by national government. Survey results ignored. Sample size 63 less than 300. Republic of Nauru Demographic and Health Survey 2007 card or history results of 91 percent modifed for recall bias to 93 percent based on 1st dose card or history coverage of 98 percent, 1st dose card only coverage of 96 percent and 3d dose card only coverage of 91 percent. Reported data excluded. Decline in reported coverage from 80 percent to 45 percent with increase to 100 percent. Decline in 2006 is due to OPV stock out caused by a prolonged power loss. Estimate challenged by: D-

2007: Estimate based on coverage reported by national government. Estimate challenged by: D-

2008: Estimate based on coverage reported by national government. Estimate challenged by: D-

2009: Estimate based on coverage reported by national government. Estimate challenged by: D-

2010: Estimate based on coverage reported by national government. Estimate challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate challenged by: D-

2012: Estimate based on coverage reported by national government. . GoC=R+

2013: Estimate based on interpolation between data reported by national government. Estimate of 87 percent changed from previous revision value of 79 percent. GoC=No accepted empirical data

2014: Estimate based on reported administrative data. Adjustments to administrative data to obtain official estimates are unexplained. Estimate challenged by: D-

# Nauru - MCV1



NRU - MCV1

Legend:
- WHO-UNICEF estimate
- Official government estimate
- * Administrative coverage
- | Survey 12-23 months of age, card or history

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | 53 | 67 | 80 | 99 | 99 | 99 | 99 | 99 | 99 | 96 | 97 | 98 |
| Estimate GoC | ● | ● | ● | ● | ● | ● | ● | ● | ● | ●● | ● | ● |
| Official | NA | NA | 80 | 100 | 100 | 100 | 100 | 100 | 100 | 96 | NA | 65 |
| Administrative | NA | NA | 63 | 100 | 100 | 100 | 100 | 100 | 100 | NA | NA | 98 |
| Survey | NA | NA | NA | 95 | NA | NA | NA | NA | NA | NA | NA | NA |

```
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information
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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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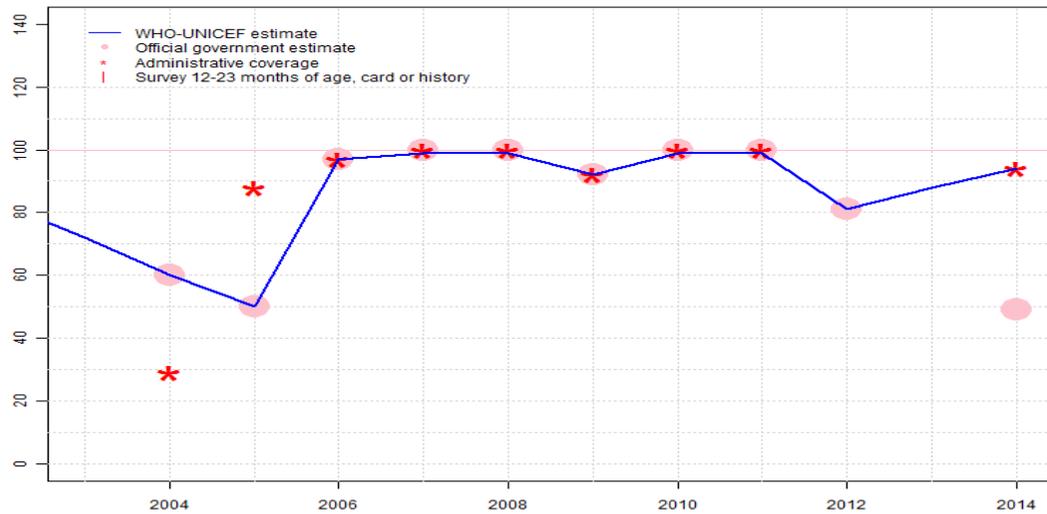
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## Description:

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2004: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data

2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2006: Estimate based on coverage reported by national government. Survey results ignored. Sample size 63 less than 300. Estimate challenged by: D-

2007: Estimate based on coverage reported by national government. Estimate challenged by: D-

2008: Estimate based on coverage reported by national government. Estimate challenged by: D-

2009: Estimate based on coverage reported by national government. Estimate challenged by: D-

2010: Estimate based on coverage reported by national government. Estimate challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate challenged by: D-

2012: Estimate based on coverage reported by national government. . GoC=R+

2013: Estimate based on interpolation between data reported by national government. Estimate of 97 percent changed from previous revision value of 96 percent. GoC=No accepted empirical data

2014: Estimate based on reported administrative data. Adjustments to administrative data to obtain official estimates are unexplained. Estimate challenged by: D-

# Nauru - MCV2



**NRU - MCV2**

Legend:
- WHO-UNICEF estimate
- Official government estimate
- \* Administrative coverage
- | Survey 12-23 months of age, card or history

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | 72 | 60 | 50 | 97 | 99 | 99 | 92 | 99 | 99 | 81 | 88 | 94 |
| Estimate GoC | ● | ● | ● | ●● | ● | ● | ● | ● | ● | ●● | ● | ● |
| Official | NA | 60 | 50 | 97 | 100 | 100 | 92 | 100 | 100 | 81 | NA | 49 |
| Administrative | NA | 29 | 88 | 97 | 100 | 100 | 92 | 100 | 100 | NA | NA | 94 |
| Survey | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

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that are of varying, and, in some instances, unknown quality.  Beginning with the 2011 revision we describe
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which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence
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not a judgment of the quality of data reported by national authorities.
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```
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of the objective for which they are being used.
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## Description:

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

2003: Estimate based on interpolation between reported values. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data

2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2006: Estimate based on coverage reported by national government. GoC=R+ D+

2007: Estimate based on coverage reported by national government. Estimate challenged by: D-

2008: Estimate based on coverage reported by national government. Estimate challenged by: D-

2009: Estimate based on coverage reported by national government. Estimate challenged by: D-

2010: Estimate based on coverage reported by national government. Estimate challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate challenged by: D-
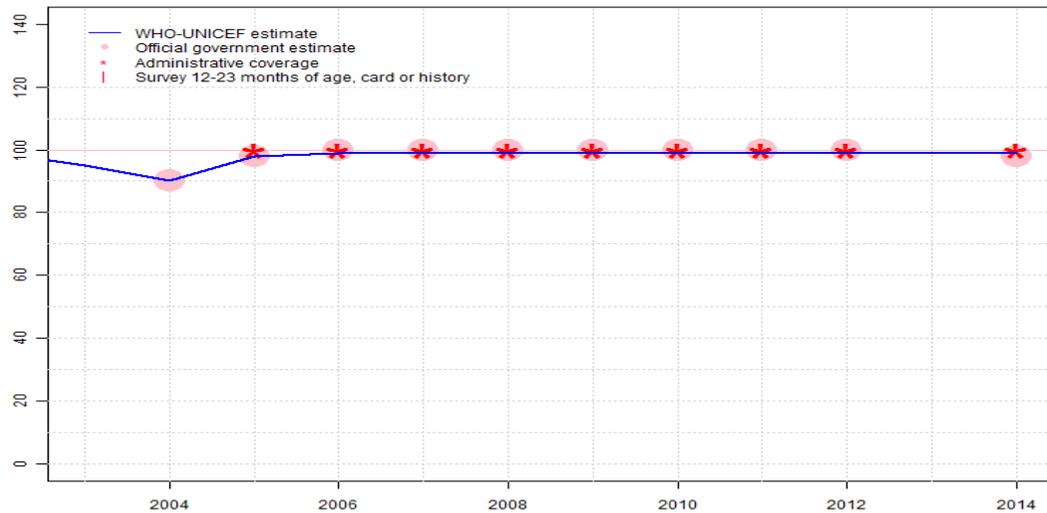
2012: Estimate based on coverage reported by national government. . GoC=R+

2013: Estimate based on interpolation between reported values. Estimate of 88 percent changed from previous revision value of 81 percent. GoC=No accepted empirical data

2014: Estimate based on reported administrative estimate. Adjustments to administrative data to obtain official estimates are unexplained. Estimate challenged by: D-

NRU - HepBB

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey 12-23 months of age, card or history

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | 95 | 90 | 98 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| Estimate GoC | ● | ●● | ● | ●● | ● | ● | ● | ● | ● | ● | ● | ● |
| Official | NA | 90 | 98 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | NA | 98 |
| Administrative | NA | NA | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | NA | 100 |
| Survey | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

```
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In all cases these estimates should be used with caution and should be assessed in light
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Description:

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2004: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=R+

2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2006: Estimate based on coverage reported by national government. GoC=R+

2007: Estimate based on coverage reported by national government. Estimate challenged by: D-

2008: Estimate based on coverage reported by national government. Estimate challenged by: D-

2009: Estimate based on coverage reported by national government. Estimate challenged by: D-

2010: Estimate based on coverage reported by national government. Estimate challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate challenged by: D-

2012: Estimate based on coverage reported by national government. . Estimate challenged by: D-

2013: Estimate based on interpolation between reported values. GoC=No accepted empirical data

2014: Estimate based on reported administrative estimate. Adjustments to administrative data to obtain official estimates are unexplained. Estimate challenged by: D-

# Nauru - HepB3
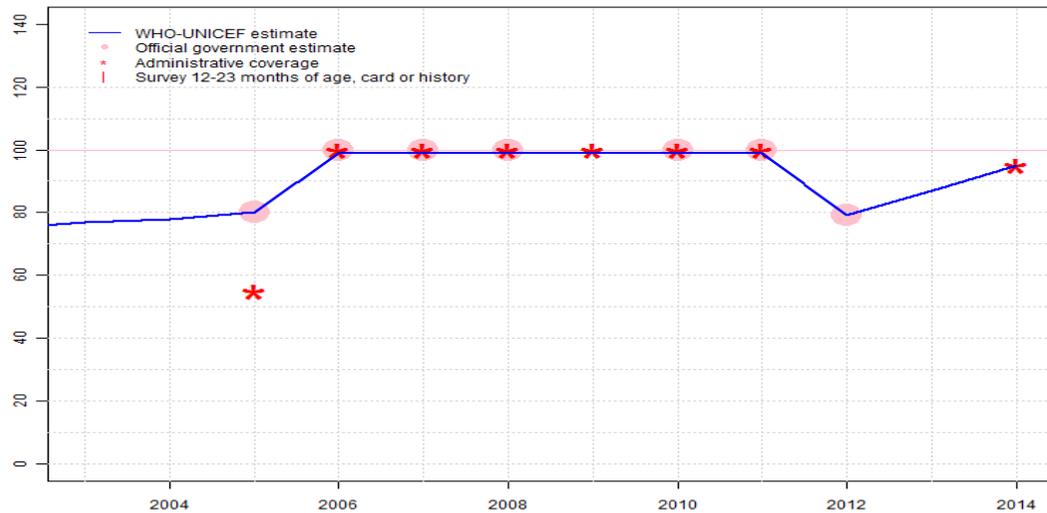
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | 77 | 78 | 80 | 99 | 99 | 99 | 99 | 99 | 99 | 79 | 87 | 95 |
| Estimate GoC | ● | ● | ● | ● | ● | ● | ● | ● | ● | ●● | ● | ● |
| Official | NA | NA | 80 | 100 | 100 | 100 | NA | 100 | 100 | 79 | NA | NA |
| Administrative | NA | NA | 55 | 100 | 100 | 100 | 100 | 100 | 100 | NA | NA | 95 |
| Survey | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

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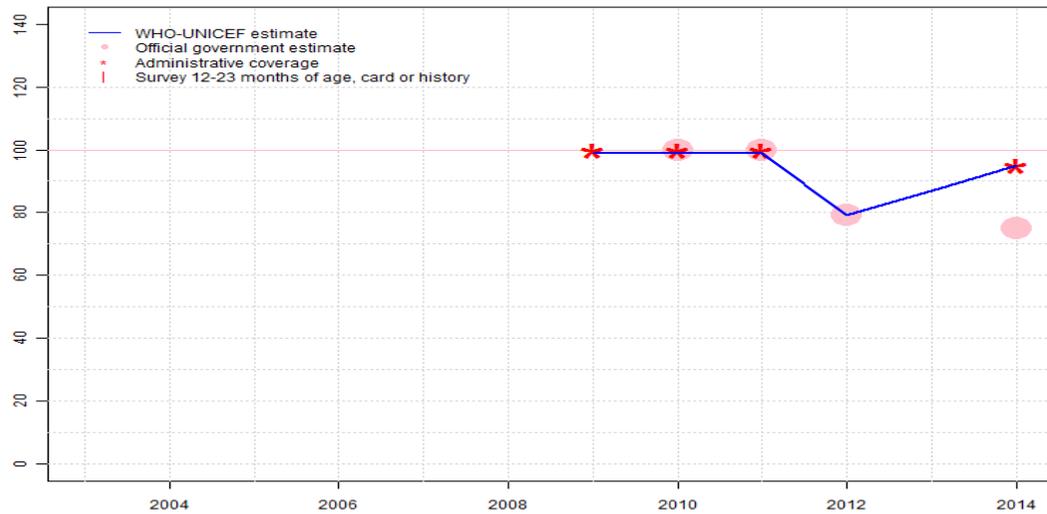
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

## Description:

2003: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. GoC=No accepted empirical data

2004: Estimate based on interpolation between data reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2005: Estimate based on coverage reported by national government. Fluctuation in reported data is attributed to small birth cohort. Estimate challenged by: D-

2006: Estimate based on coverage reported by national government. Estimate challenged by: D-

2007: Estimate based on coverage reported by national government. Estimate challenged by: D-

2008: Estimate based on coverage reported by national government. Estimate challenged by: D-

2009: Estimate based on reported administrative data. Estimate challenged by: D-

2010: Estimate based on coverage reported by national government. Estimate challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate challenged by: D-

2012: Estimate based on coverage reported by national government. . GoC=R+

2013: Estimate based on interpolation between data reported by national government. Estimate of 87 percent changed from previous revision value of 79 percent. GoC=No accepted empirical data

2014: Estimate based on reported administrative data. Adjustments to administrative data to obtain official estimates are unexplained. Estimate challenged by: D-

**NRU - Hib3**



Legend:
- WHO-UNICEF estimate
- Official government estimate
- *  Administrative coverage
- |  Survey 12-23 months of age, card or history

**Description:**

2009: Estimate based on reported administrative estimate. Hib vaccine introduced in 2009 Estimate challenged by: D-

2010: Estimate based on coverage reported by national government. Estimate challenged by: D-

2011: Estimate based on coverage reported by national government. Estimate challenged by: D-

2012: Estimate based on coverage reported by national government. . GoC=R+

2013: Estimate based on interpolation between reported values. Estimate of 87 percent changed from previous revision value of 79 percent. GoC=No accepted empirical data

2014: Estimate based on reported administrative estimate. Adjustments to administrative data to obtain official estimates are unexplained. Estimate challenged by: D-
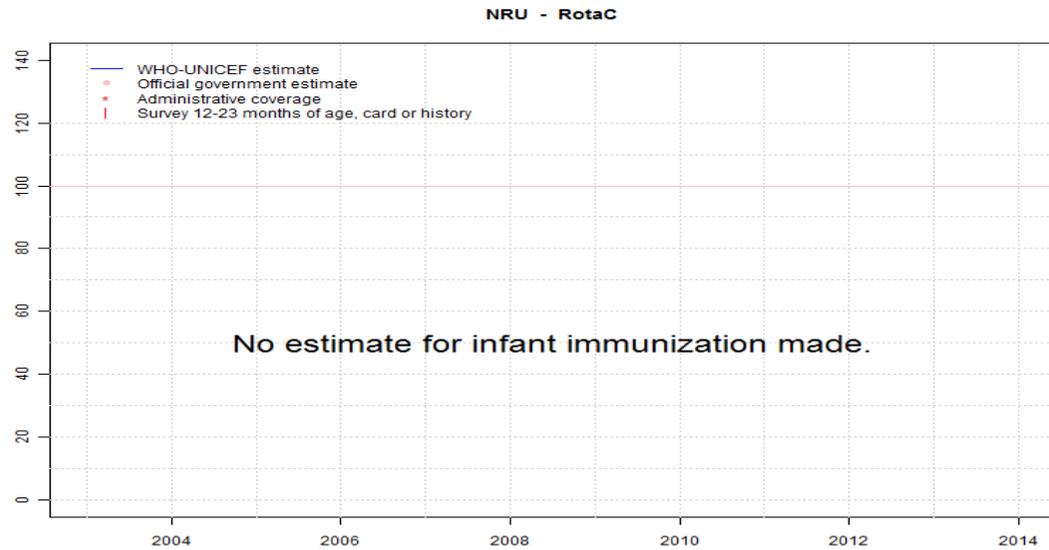
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estimate | NA | NA | NA | NA | NA | NA | 99 | 99 | 99 | 79 | 87 | 95 |
| Estimate GoC | NA | NA | NA | NA | NA | NA | • | • | • | •• | • | • |
| Official | NA | NA | NA | NA | NA | NA | NA | 100 | 100 | 79 | NA | 75 |
| Administrative | NA | NA | NA | NA | NA | NA | 100 | 100 | 100 | NA | NA | 95 |
| 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.
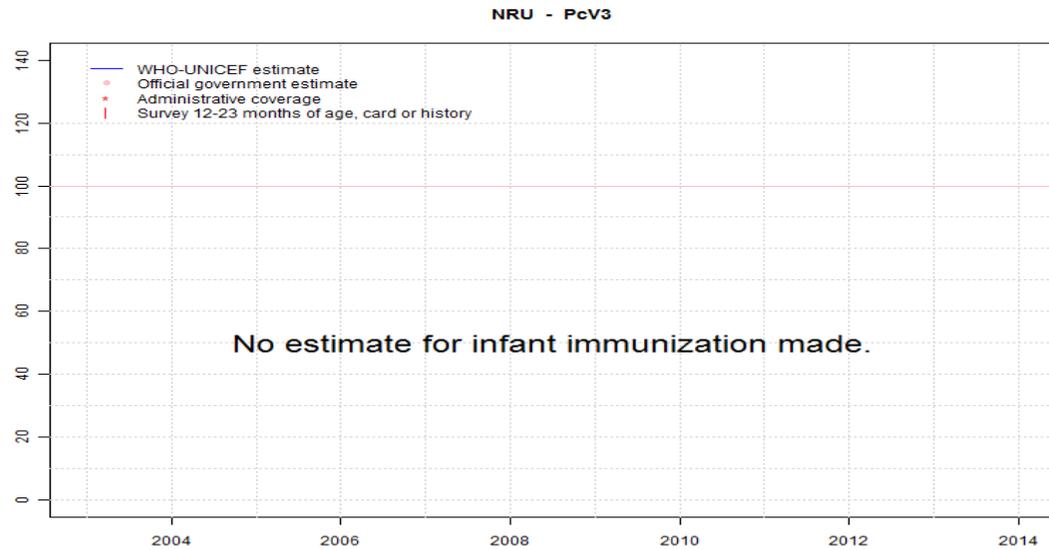
**NRU - RotaC**



Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey 12-23 months of age, card or history

No estimate for infant immunization made.

| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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.

**NRU - PcV3**



| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 Popula-
tion 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.

# Nauru - survey details

2006 Republic of Nauru Demographic and Health Survey 2007

| Vaccine | Confirmation method | Coverage | Age cohort | Sample | Cards seen |
|---------|---------------------|----------|------------|--------|------------|
| BCG | C or H <18 months | 97 | 18-29 m | 63 | 95 |
| BCG | Card | 96 | 18-29 m | 63 | 95 |
| BCG | Card or History | 98 | 18-29 m | 63 | 95 |
| DTP1 | C or H <18 months | 96 | 18-29 m | 63 | 95 |
| DTP1 | Card | 96 | 18-29 m | 63 | 95 |
| DTP1 | Card or History | 98 | 18-29 m | 63 | 95 |
| DTP3 | C or H <18 months | 56 | 18-29 m | 63 | 95 |
| DTP3 | Card | 89 | 18-29 m | 63 | 95 |
| DTP3 | Card or History | 89 | 18-29 m | 63 | 95 |
| MCV1 | C or H <18 months | 60 | 18-29 m | 63 | 95 |
| MCV1 | Card | 93 | 18-29 m | 63 | 95 |
| MCV1 | Card or History | 95 | 18-29 m | 63 | 95 |
| Pol1 | C or H <18 months | 98 | 18-29 m | 63 | 95 |
| Pol1 | Card | 96 | 18-29 m | 63 | 95 |
| Pol1 | Card or History | 98 | 18-29 m | 63 | 95 |
| Pol3 | C or H <18 months | 70 | 18-29 m | 63 | 95 |
| Pol3 | Card | 91 | 18-29 m | 63 | 95 |
| Pol3 | Card or History | 91 | 18-29 m | 63 | 95 |

Further information and estimates for previous years are available at:
http://www.data.unicef.org/child-health/immunization
http://www.who.int/immunization/monitoring_surveillance/routine/coverage/en/index4.html