Fiji: WHO and UNICEF estimates of immunization coverage: 2022 revision

BCG

DTP1

DTP3

Pol3

MCV1

HepB3

Hib3

RotaC

PcV3

WHO and UNICEF estimates of national immunization coverage - next revision available July 15, 2024

data received as of June 26, 2023

BACKGROUND NOTE: Each year WHO and UNICEF jointly review reports submitted by Member States regarding national immunization coverage, finalized survey reports as well as data from the published and grey literature. Based on these data, with due consideration to potential biases and the views of local experts, WHO and UNICEF attempt to distinguish between situations where the available empirical data accurately reflect immunization system performance and those where the data are likely to be compromised and present a misleading view of immunization coverage while jointly estimating the most likely coverage levels for each country.

 WHO and UNICEF estimates are country-specific; that is to say, each country's data are reviewed individually, and data are not borrowed from other countries in the absence of data. Estimates are not based on ad hoc adjustments to reported data; in some instances empirical data are available from a single source, usually the nationally reported coverage data. In cases where no data are available for a given country/vaccine/year combination, data are considered from earlier and later years and interpolated to estimate coverage for the missing year(s). In cases where data sources are mixed and show large variation, an attempt is made to identify the most likely estimate with consideration of the possible biases in available data. For methods see:

*Burton et al. 2009. WHO and UNICEF estimates of national infant immunization coverage: methods and processes.
*Burton et al. 2012. A formal representation of the WHO and UNICEF estimates of national immunization coverage: a computational logic approach.
*Brown et al. 2013. An introduction to the grade of confidence used to characterize uncertainty around the WHO and UNICEF estimates of national immunization coverage.

DATA SOURCES.

ADMINISTRATIVE coverage: Reported by national authorities and based on aggregated administrative reports from health service providers on the number of vaccinations administered during a given period (numerator data) and reported target population data (denominator data). May be biased by inaccurate numerator and/or denominator data.

OFFICIAL coverage: Estimated coverage reported by national authorities that reflects their assessment of the most likely coverage based on any combination of administrative coverage, survey-based estimates or other data sources or adjustments. Approaches to determine OFFICIAL coverage may differ across countries.

SURVEY coverage: Based on estimated coverage from population-based household surveys among children aged 12-23 months or 24-35 months following a review of survey methods and results. Information is based on the combination of vaccination history from documented evidence or caregiver recall. Survey results are considered for the appropriate birth cohort based on the period of data collection.

ABBREVIATIONS

BCG: percentage of births who received one dose of Bacillus Calmette Guerin vaccine.

DTP1 / DTP3: percentage of surviving infants who received the 1st / 3rd dose, respectively, of diphtheria and tetanus toxoid with pertussis containing vaccine.

Pol3: percentage of surviving infants who received the 3rd dose of polio containing vaccine. May be either oral or inactivated polio vaccine.

IPV1: percentage of surviving infants who received at least one dose of inactivated polio vaccine. In countries utilizing an immunization schedule recommending either (i) a primary series of three doses of oral polio vaccine (OPV) plus at least one dose of IPV where OPV is included in routine immunization and/or campaign or (ii) a sequential schedule of IPV followed by OPV, WHO and UNICEF estimates for IPV1 reflect coverage with at least one routine dose of IPV among infants <1 year of age among countries. For countries utilizing IPV containing vaccine use only, i.e., no recommended dose of OPV, the WHO and UNICEF estimate for IPV1 corresponds to coverage for the 1st dose of IPV.

Production of IPV coverage estimates, which begins in 2015, results in no change of the estimated coverage levels for the 3rd dose of polio (Pol3). For countries recommending routine immunization with a primary series of three doses of IPV alone, WHO and UNICEF estimated Pol3 coverage is equivalent to estimated coverage with three doses of IPV. For countries with a sequential schedule, estimated Pol3 coverage is based on that for the 3rd dose of polio vaccine regardless of vaccine type.

MCV1: percentage of surviving infants who received the 1st dose of measles containing vaccine. In countries where the national schedule recommends the 1st dose of MCV at 12 months or later based on the epidemiology of disease in the country, coverage estimates reflect the percentage of children who received the 1st dose of MCV as recommended.

MCV2: percentage of children who received the 2nd dose of measles containing vaccine according to the nationally recommended schedule.

RCV1: percentage of surviving infants who received the 1st dose of rubella containing vaccine. Co verage estimates are based on WHO and UNICEF estimates of coverage for the dose of measles containing vaccine that corresponds to the first measles-rubella combination vaccine. Nationally reported coverage of RCV is not taken into consideration nor are the data represented in the accompanying graph and data table.

HepBB: percentage of births which received a dose of hepatitis B vaccine within 24 hours of delivery. Estimates of hepatitis B birth dose coverage are produced only for countries with a universal birth dose policy. Estimates are not produced for countries that recommend a birth dose to infants born to HepB virus-infected mothers only or where there is insufficient information to determine whether vaccination is within 24 hours of birth.

HepB3: percentage of surviving infants who received the 3rd dose of hepatitis B containing vaccine following the birth dose.

Hib3: percentage of surviving infants who received the 3rd dose of Haemophilus influenzae type b containing vaccine.

RotaC: percentage of surviving infants who received the final recommended dose of rotavirus vaccine, which can be either the 2nd or the 3rd dose depending on the vaccine.
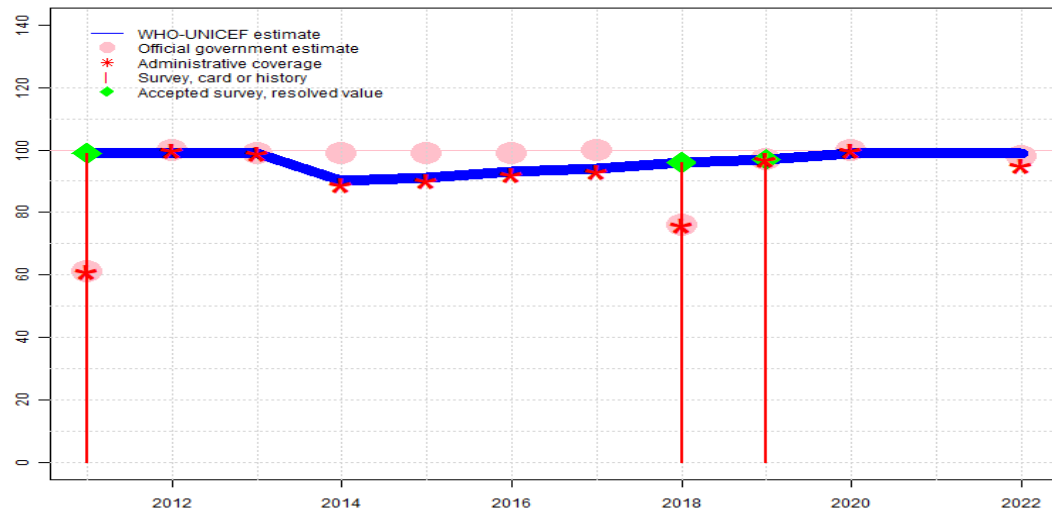
PcV3: percentage of surviving infants who received the 3rd dose of pneumococcal conjugate vaccine. In countries where the national schedule recommends two doses during infancy and a booster dose at 12 months or later based on the epidemiology of disease in the country, coverage estimates may reflect the percentage of surviving infants who received two doses of PcV prior to the 1st birthday.

YFV: percentage of surviving infants who received one dose of yellow fever vaccine in countries where YFV is part of the national immunization schedule for children or is recommended in at risk areas; coverage estimates are annualized for the entire cohort of surviving infants.

Fiji - BCG

FJI - BCG

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

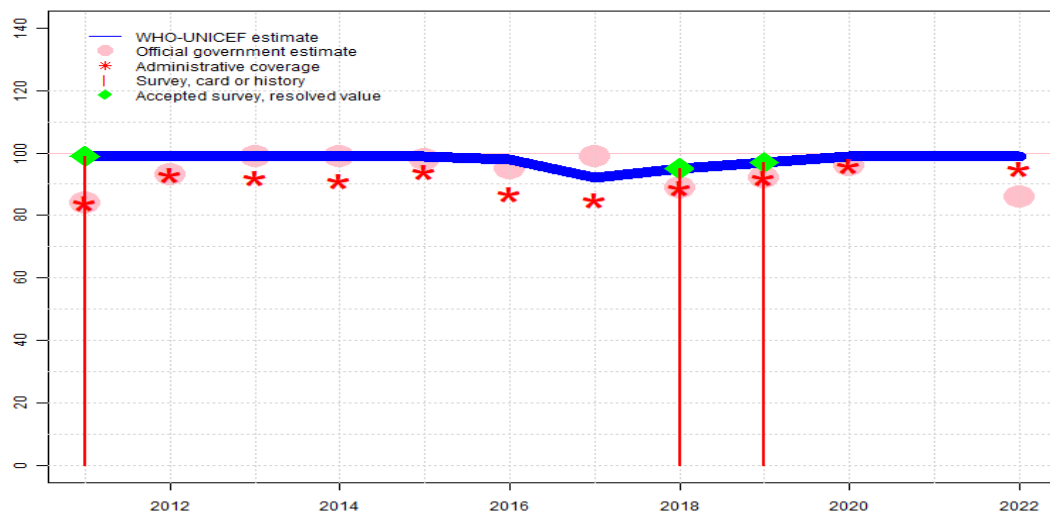|	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	99	99	99	90	91	93	94	96	97	99	99	99
Estimate GoC	●	●	●	●	●	●	●	●	●●●	●●●	●	●●
Official	61	100	99	99	99	99	100	76	97	100	NA	98
Administrative	61	100	99	89	90	92	93	76	97	100	NA	95
Survey	99	NA	NA	NA	NA	NA	NA	96	97	NA	NA	NA

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: 2022 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:

2022: Estimate based on extrapolation from data reported by national government. Reported data excluded. Consistency across antigens. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. GoC=R+ D+

2021: Estimate based on extrapolation from data reported by national government. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Estimate informed by reported administrative data. Inconsistent adjustments from reported administrative coverage from 2012. GoC=R+ S+ D+

2019: Estimate informed by estimated survey coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. GoC=R+ S+ D+

2018: Estimate of 96 percent assigned by working group. Estimate informed by estimated survey coverage. Reported data excluded due to decline in reported coverage from 93 percent to 76 percent with increase to 97 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 96 percent changed from previous revision value of 99 percent. Estimate challenged by: D-R-

2017: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2016: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 93 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2015: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 91 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2014: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 90 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2013: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2012: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2011: Estimate of 99 percent assigned by working group. Estimate is based on survey result. Reported data excluded. .Reported data excluded due to decline in reported coverage from 99 percent to 61 percent with increase to 100 percent. Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-

Fiji - DTP1

FJI - DTP1

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

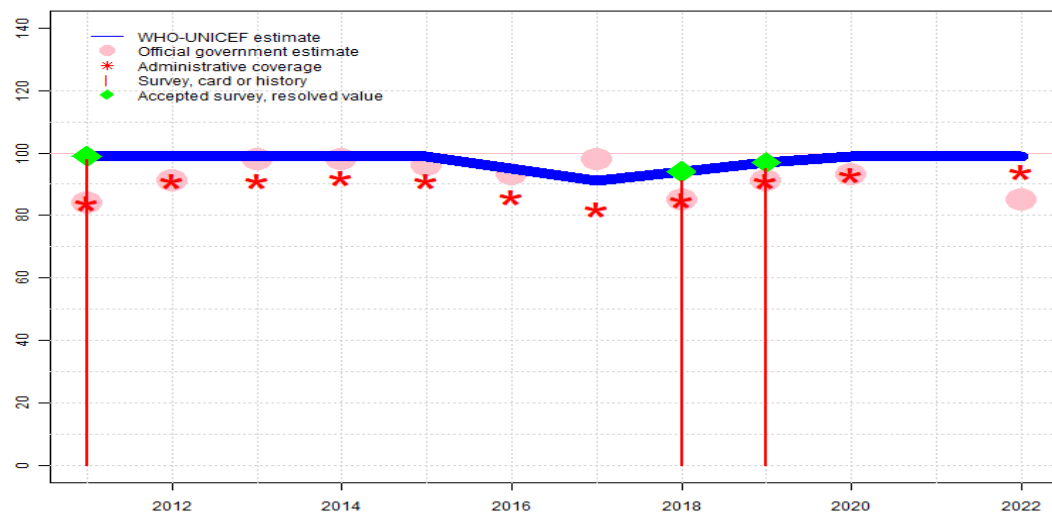|	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	99	99	99	99	99	98	92	95	97	99	99	99
Estimate GoC	●	●	●	●	●	●	●	●	●	●	●	●
Official	84	93	99	99	98	95	99	89	92	96	NA	86
Administrative	84	93	92	91	94	87	85	89	92	96	NA	95
Survey	99	NA	NA	NA	NA	NA	NA	95	97	NA	NA	NA

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: 2022 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:

2022: Reported data calibrated to 2019 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2019: Estimate of 97 percent assigned by working group. Estimate informed by estimated survey coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2018: Estimate of 95 percent assigned by working group. Estimate informed by estimated survey coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 95 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2017: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 92 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2016: DTP1 coverage estimated based on DTP3 coverage of 95. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 98 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2015: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2014: DTP1 coverage estimated based on DTP3 coverage of 102. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2013: DTP1 coverage estimated based on DTP3 coverage of 101. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2012: DTP1 coverage estimated based on DTP3 coverage of 101. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2011: Estimate of 99 percent assigned by working group. Estimate informed by estimated survey coverage. Reported data excluded. . Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Fiji - DTP3

FJI - DTP3

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	99	99	99	99	99	95	91	94	97	99	99	99
Estimate GoC	●	●	●	●	●	●	●	●	●	●	●	●
Official	84	91	98	98	96	93	98	85	91	93	NA	85
Administrative	84	91	91	92	91	86	82	85	91	93	NA	94
Survey	98	NA	NA	NA	NA	NA	NA	91	95	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: 2022 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.
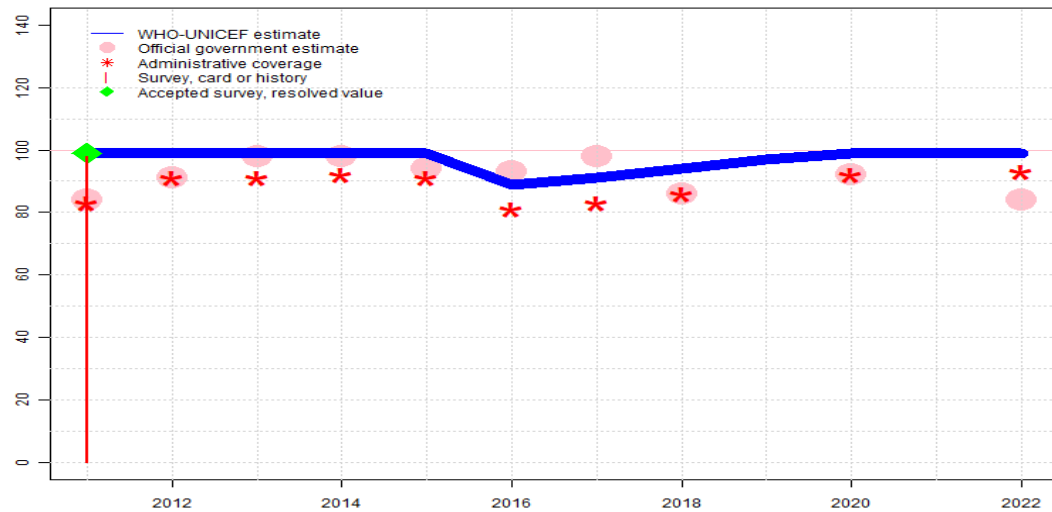
In all cases these estimates should be used with caution and should be assessed in light
of the objective for which they are being used.

Description:

2022: Reported data calibrated to 2019 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2019: Estimate of 97 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji Multiple Indicator Cluster Survey 2021 card or history results of 95 percent modifed for recall bias to 97 percent based on 1st dose card or history coverage of 97 percent, 1st dose card only coverage of 94 percent and 3rd dose card only coverage of 94 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2018: Estimate of 94 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji Multiple Indicator Cluster Survey 2021 card or history results of 91 percent modifed for recall bias to 94 percent based on 1st dose card or history coverage of 95 percent, 1st dose card only coverage of 90 percent and 3rd dose card only coverage of 89 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2017: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 91 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2016: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 95 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2015: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2014: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2013: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2012: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2011: Estimate of 99 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji National Immunization Coverage Survey 2013 card or history results of 98 percent modifed for recall bias to 99 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 95 percent and 3rd dose card only coverage of 95 percent. Reported data excluded. . Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

FJI - Pol3

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

Description:

2022: Reported data calibrated to 2019 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2019: Estimate of 97 percent assigned by working group. Estimate informed by estimated survey coverage for DTP3. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. GoC=No accepted empirical data

2018: Estimate of 94 percent assigned by working group. Estimate informed by estimated survey coverage for DTP3. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2017: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 91 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2016: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 89 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2015: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2014: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2013: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2012: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2011: Estimate of 99 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji National Immunization Coverage Survey 2013 card or history results of 98 percent modifed for recall bias to 99 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 95 percent and 3rd dose card only coverage of 95 percent. Reported data excluded. . Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	99	99	99	99	99	89	91	94	97	99	99	99
Estimate GoC	●	●	●	●	●	●	●	●	●	●	●	●
Official	84	91	98	98	94	93	98	86	NA	92	NA	84
Administrative	83	91	91	92	91	81	83	86	NA	92	NA	93
Survey	98	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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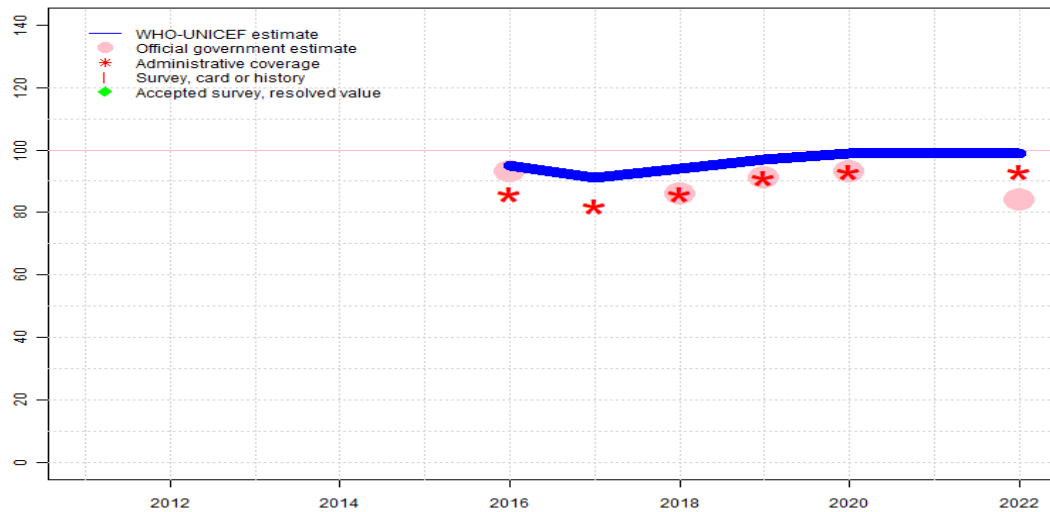
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Fiji - IPV1

FJI - IPV1

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	NA	NA	NA	NA	NA	95	91	94	97	99	99	99
Estimate GoC	NA	NA	NA	NA	NA	●	●	●	●	●	●	●
Official	NA	NA	NA	NA	NA	93	NA	86	91	93	NA	84
Administrative	NA	NA	NA	NA	NA	86	82	86	91	93	NA	93
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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● 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.
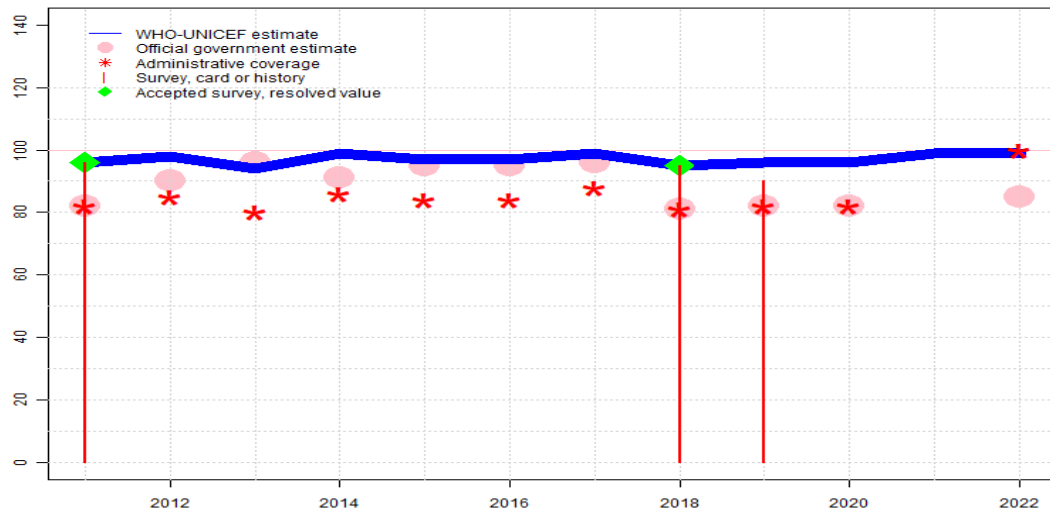
Description:

Estimates for a dose of inactivated polio vaccine (IPV) begin in 2015 following the Global Polio Eradication Initiative's Polio Eradication and Endgame Strategic Plan: 2013-2018 which recommended at least one full dose or two fractional doses of IPV into routine immunization schedules as a strategy to mitigate the potential consequences should any re-emergence of type 2 poliovirus occur following the planned withdrawal of Sabin type 2 strains from oral polio vaccine (OPV).

2022: Estimate informed by estimated DTP3 coverage. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Estimate informed by estimated DTP3 coverage. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Estimate informed by estimated DTP3 coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2019: Estimate informed by estimated DTP3 coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2018: Estimate follows coverage for DTP3. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2017: Estimate follows coverage for third dose DTP containing vaccine. Programme reports 1 week vaccine stockout. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 91 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2016: Inactivated polio vaccine introduced during December 2015. Estimate informed by estimated DTP3 coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 95 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

Fiji - MCV1

FJI - MCV1

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	96	98	94	99	97	97	99	95	96	96	99	99
Estimate GoC	•	•	•	•	•	•	•	•	•	•	•	•
Official	82	90	96	91	95	95	96	81	82	82	NA	85
Administrative	82	85	80	86	84	84	88	81	82	82	NA	100
Survey	96	NA	NA	NA	NA	NA	NA	95	90	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
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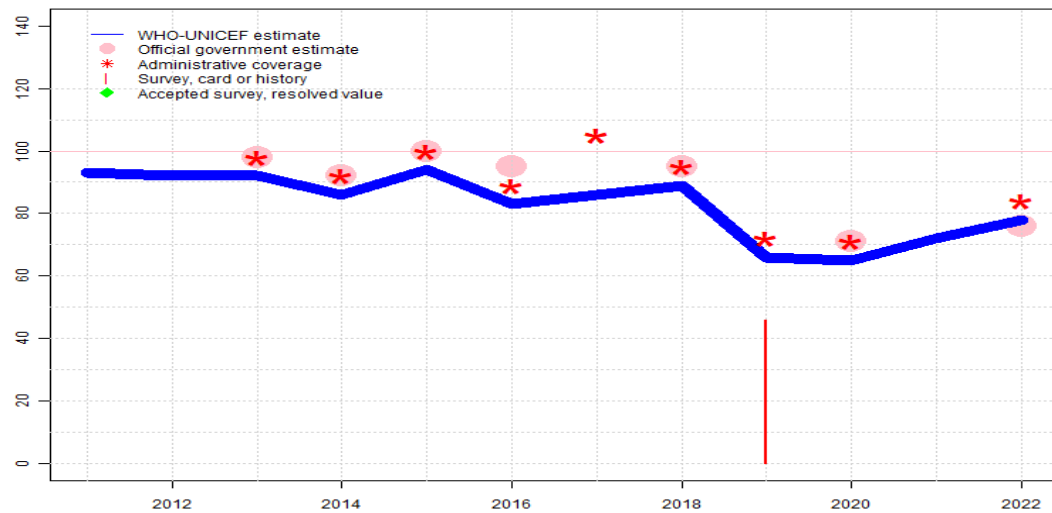
In all cases these estimates should be used with caution and should be assessed in light
of the objective for which they are being used.

Description:

2022: Reported data calibrated to 2018 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Programme reports two months vaccine stockout at the national level. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: D-R-

2021: Reported data calibrated to 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 99 percent changed from previous revision value of 96 percent. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2019: Reported data calibrated to 2018 levels. Fiji Multiple Indicator Cluster Survey 2021 results ignored by working group. Survey results may underestimate coverage based on recommended age of administration at 12 months. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2018: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 95 percent based on 1 survey(s). Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 95 percent changed from previous revision value of 96 percent. Estimate challenged by: R-

2017: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 99 percent changed from previous revision value of 96 percent. Estimate challenged by: D-R-

2016: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 96 percent. Estimate challenged by: D-R-

2015: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 96 percent. Estimate challenged by: R-

2014: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 99 percent changed from previous revision value of 96 percent. Estimate challenged by: D-R-

2013: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of 96 percent. Estimate challenged by: D-R-

2012: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 98 percent changed from previous revision value of 96 percent. Estimate challenged by: D-R-

2011: Survey evidence does not support reported data. Estimate based on survey results. Survey evidence of 96 percent based on 1 survey(s). Reported data excluded. . Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Fiji - MCV2

FJI - MCV2

— WHO-UNICEF estimate
● Official government estimate
✳ Administrative coverage
❘ Survey, card or history
◆ Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	93	92	92	86	94	83	86	89	66	65	72	78
Estimate GoC	●	●	●	●	●	●	●	●	●	●	●	●
Official	NA	NA	98	92	100	95	NA	95	NA	71	NA	76
Administrative	NA	NA	98	92	100	89	105	95	72	71	NA	84
Survey	NA	NA	NA	NA	NA	NA	NA	NA	46	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: 2022 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.

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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.
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Description:

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

2022: Reported data calibrated to 2007 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Programme reports two months vaccine stockout at the national level. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: D-R-

2021: Reported data calibrated to 2007 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 72 percent changed from previous revision value of 94 percent. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2007 levels. Unexplained decline in reported coverage from 2019. Estimated coverage likely an overestimate. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 65 percent changed from previous revision value of 94 percent. Estimate challenged by: D-R-

2019: Reported data calibrated to 2007 levels. Fiji Multiple Indicator Cluster Survey 2021 results ignored by working group. Survey results inconsistent with other antigens. Unexplained decline in reported coverage from 2019. Estimated coverage likely an overestimate. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 66 percent changed from previous revision value of 94 percent. Estimate challenged by: D-R-

2018: Reported data calibrated to 2007 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 89 percent changed from previous revision value of 94 percent. Estimate challenged by: R-

2017: Reported data calibrated to 2007 levels. Reported data excluded because 105 percent greater than 100 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 86 percent changed from previous revision value of 94 percent. Estimate challenged by: D-R-

2016: Reported data calibrated to 2007 levels. . Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 83 percent changed from previous revision value of 94 percent. Estimate challenged by: R-

2015: Reported data calibrated to 2007 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2014: Reported data calibrated to 2007 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 86 percent changed from previous revision value of 94 percent. Estimate challenged by: R-

2013: Reported data calibrated to 2007 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 92 percent changed from previous revision value of 94 percent. Estimate challenged by: R-

2012: Reported data calibrated to 2007 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 92 percent changed from previous revision value of 94 percent. GoC=No accepted empirical data

2011: Reported data calibrated to 2007 levels. Unexplained temporal change in numerator and denominator levels. Estimate of 93 percent changed from previous revision value of 94 percent. GoC=No accepted empirical data

Fiji - RCV1

FJI - RCV1

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	96	98	94	99	97	97	99	95	96	96	99	99
Estimate GoC	●	●	●	●	●	●	●	●	●	●	●	●
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	96	NA	NA	NA	NA	NA	NA	95	90	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: 2022 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:

For this revision, coverage estimates for the first dose of rubella containing vaccine are based
on WHO and UNICEF estimates of coverage of measles containing vaccine. Nationally
reported coverage of rubella containing vaccine is not taken into consideration nor are
they represented in the the accompanying graph and data table.

2022: Estimate based on estimated MCV1. WHO and UNICEF recommend a comprehensive
review of reporting system and resultant coverage data. Inconsistent adjustments from
reported administrative coverage from 2012. Estimate challenged by: D-R-

2021: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 99 percent changed from previous revision value of
96 percent. GoC=Assigned by working group. No reported data.

2020: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2019: Estimate based on estimated MCV1. Fiji Multiple Indicator Cluster Survey 2021 results
ignored by working group. Survey results may underestimate coverage based on recommended age of administration at 12 months. Inconsistent adjustments from reported
administrative coverage from 2012. Estimate challenged by: R-

2018: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 95 percent changed from previous revision value of
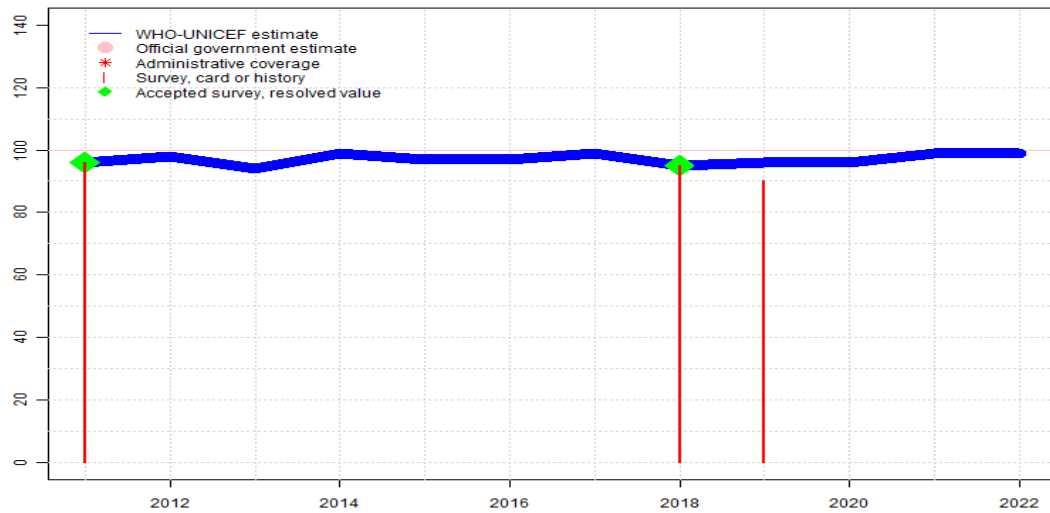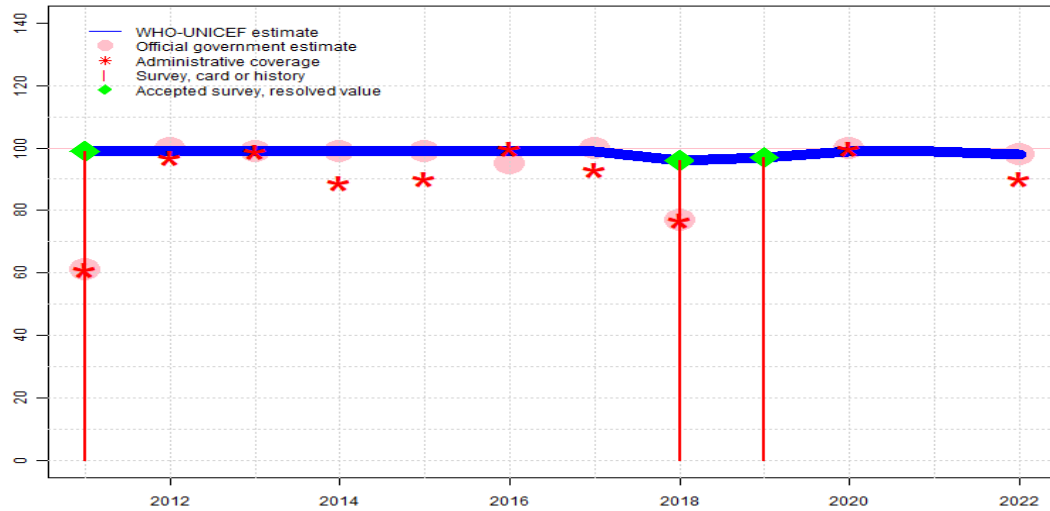96 percent. Estimate challenged by: R-

2017: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 99 percent changed from previous revision value of
96 percent. Estimate challenged by: D-R-

2016: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of
96 percent. Estimate challenged by: D-R-

2015: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of
96 percent. Estimate challenged by: R-

2014: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 99 percent changed from previous revision value of
96 percent. Estimate challenged by: D-R-

2013: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of
96 percent. Estimate challenged by: D-R-

2012: Estimate based on estimated MCV1. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 98 percent changed from previous revision value of
96 percent. Estimate challenged by: D-R-

2011: Estimate based on estimated MCV1. Unexplained temporal change in numerator and
denominator levels. Estimate challenged by: R-

Fiji - HepBB

FJI - HepBB

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	99	99	99	99	99	99	99	96	97	99	99	98
Estimate GoC	•	•	•	•	•	•	•	•	••	•	•	•
Official	61	100	99	99	99	95	100	77	NA	100	NA	98
Administrative	61	97	99	89	90	100	93	77	NA	100	NA	90
Survey	99	NA	NA	NA	NA	NA	NA	96	97	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: 2022 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.
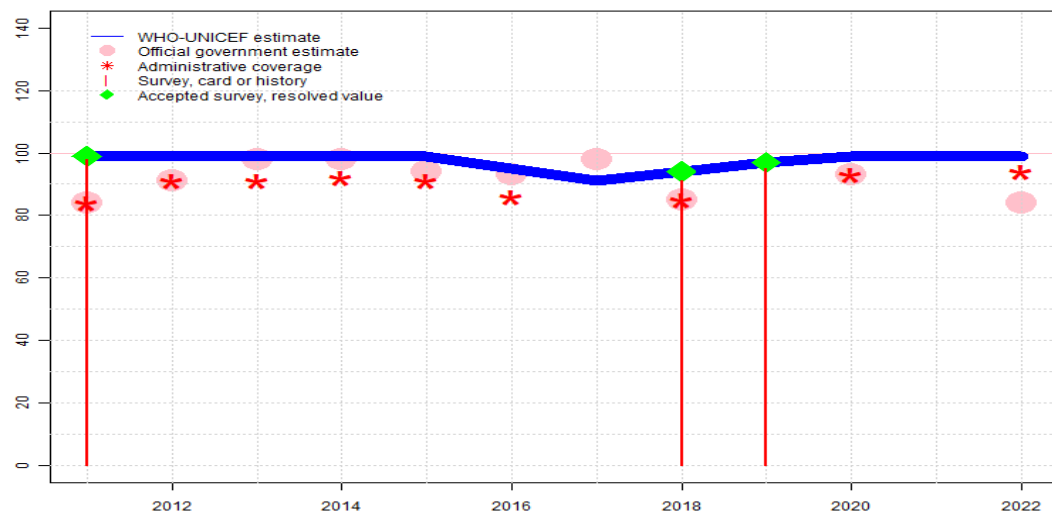
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

2022: Reported data calibrated to 2019 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-S-

2019: Estimate of 97 percent assigned by working group. Estimate informed by estimated survey coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. GoC=S+

2018: Estimate of 96 percent assigned by working group. Estimate informed by estimated survey coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 96 percent changed from previous revision value of 99 percent. Estimate challenged by: D-R-

2017: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: D-R-S-

2016: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: D-R-S-

2015: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: D-R-

2014: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2013: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2012: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2011: Estimate of 99 percent assigned by working group. Estimate is based on survey result. Reported data excluded. . Unexplained temporal change in numerator and denominator levels. Estimate challenged by: D-R-

WHO and UNICEF estimates of national immunization coverage - next revision available July 15, 2024 data received as of June 26, 2023

Fiji - HepB3

FJI - HepB3

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	99	99	99	99	99	95	91	94	97	99	99	99
Estimate GoC	●	●	●	●	●	●	●●	●	●●	●	●	●
Official	84	91	98	98	94	93	98	85	NA	93	NA	84
Administrative	84	91	91	92	91	86	NA	85	NA	93	NA	94
Survey	98	NA	NA	NA	NA	NA	NA	91	95	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: 2022 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.
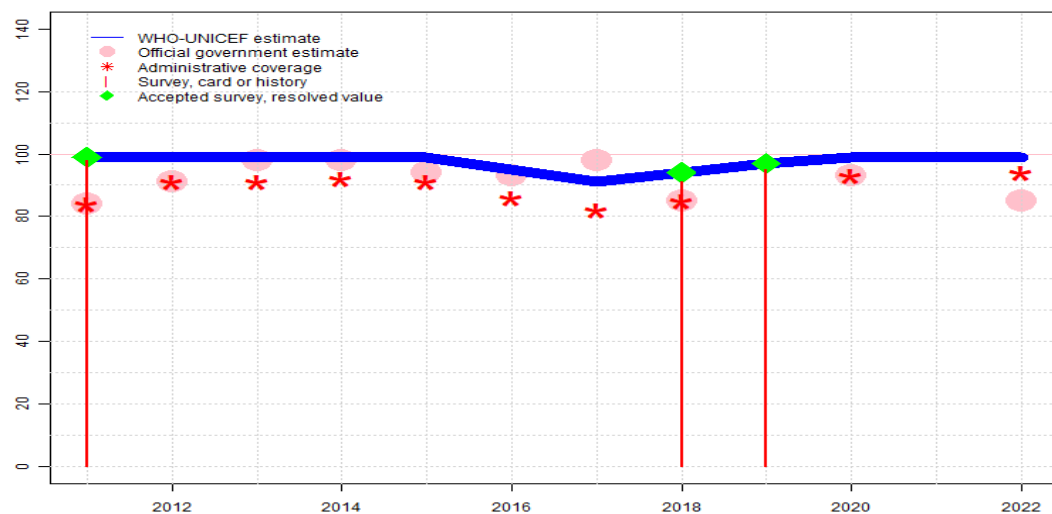
In all cases these estimates should be used with caution and should be assessed in light
of the objective for which they are being used.

Description:

2022: Reported data calibrated to 2019 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2019: Estimate of 97 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji Multiple Indicator Cluster Survey 2021 card or history results of 95 percent modifed for recall bias to 97 percent based on 1st dose card or history coverage of 97 percent, 1st dose card only coverage of 94 percent and 3rd dose card only coverage of 94 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. GoC=S+

2018: Estimate of 94 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji Multiple Indicator Cluster Survey 2021 card or history results of 91 percent modifed for recall bias to 94 percent based on 1st dose card or history coverage of 95 percent, 1st dose card only coverage of 90 percent and 3rd dose card only coverage of 89 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2017: Estimate informed by estimate for DTP3. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 91 percent changed from previous revision value of 99 percent. GoC=S+

2016: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 95 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2015: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2014: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2013: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2012: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2011: Estimate of 99 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji National Immunization Coverage Survey 2013 card or history results of 98 percent modifed for recall bias to 99 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 95 percent and 3rd dose card only coverage of 95 percent. Reported data excluded. . Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

FJI - Hib3

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	99	99	99	99	99	95	91	94	97	99	99	99
Estimate GoC	•	•	•	•	•	•	•	•	••	•	•	•
Official	84	91	98	98	94	93	98	85	NA	93	NA	85
Administrative	84	91	91	92	91	86	82	85	NA	93	NA	94
Survey	98	NA	NA	NA	NA	NA	NA	91	95	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: 2022 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.
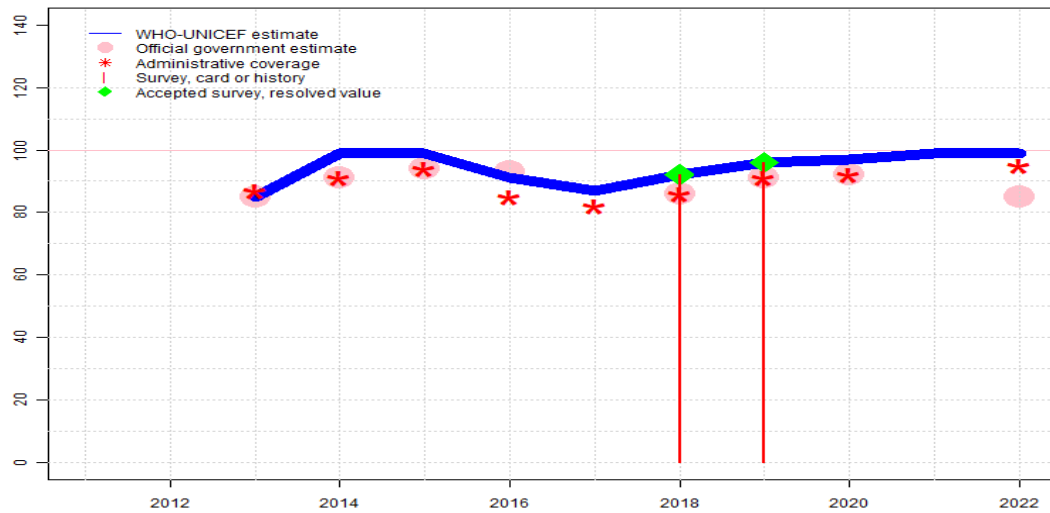
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

2022: Reported data calibrated to 2019 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2019: Estimate of 97 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji Multiple Indicator Cluster Survey 2021 card or history results of 95 percent modifed for recall bias to 97 percent based on 1st dose card or history coverage of 97 percent, 1st dose card only coverage of 94 percent and 3rd dose card only coverage of 94 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. GoC=S+

2018: Estimate of 94 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji Multiple Indicator Cluster Survey 2021 card or history results of 91 percent modifed for recall bias to 94 percent based on 1st dose card or history coverage of 95 percent, 1st dose card only coverage of 90 percent and 3rd dose card only coverage of 89 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2017: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 91 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2016: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 95 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2015: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2014: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2013: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2012: Reported data calibrated to 2011 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2011: Estimate of 99 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji National Immunization Coverage Survey 2013 card or history results of 98 percent modifed for recall bias to 99 percent based on 1st dose card or history coverage of 99 percent, 1st dose card only coverage of 95 percent and 3rd dose card only coverage of 95 percent. Reported data excluded. . Unexplained temporal change in numerator and denominator levels. Estimate challenged by: R-

Fiji - RotaC

FJI - RotaC

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	NA	NA	85	99	99	91	87	92	96	97	99	99
Estimate GoC	NA	NA	●	●	●	●	●	●	●	●	●	●
Official	NA	NA	85	91	94	93	NA	86	91	92	NA	85
Administrative	NA	NA	87	91	94	85	82	86	91	92	NA	95
Survey	NA	NA	NA	NA	NA	NA	NA	92	96	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: 2022 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.
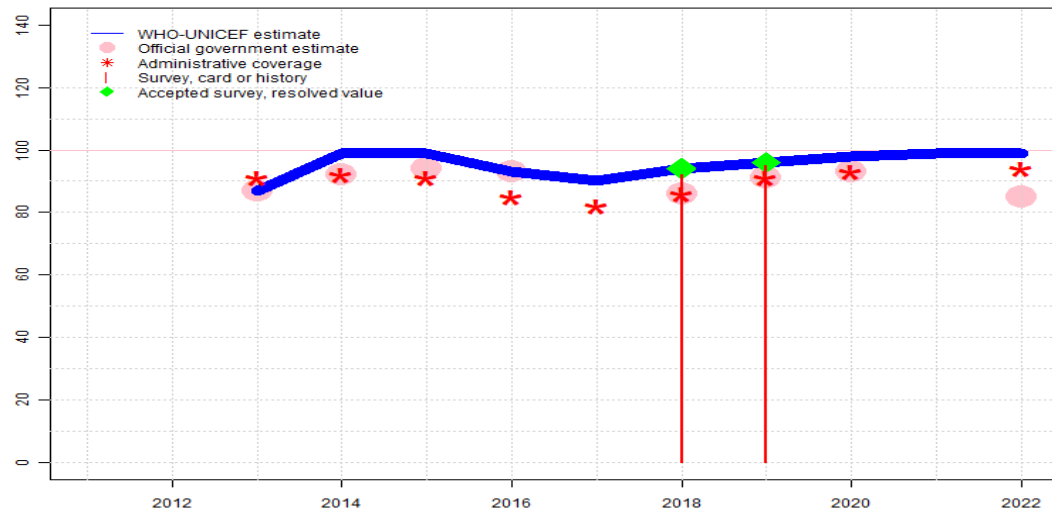
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

2022: Reported data calibrated to 2019 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 97 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2019: Estimate of 96 percent assigned by working group. Estimate informed by estimated survey coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 96 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2018: Estimate of 92 percent assigned by working group. Estimate informed by estimated survey coverage. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 92 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2017: Reported data calibrated to 2015 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 87 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2016: Reported data calibrated to 2015 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 91 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2015: Estimate of 99 percent assigned by working group. Estimate follows coverage for third dose DTP containing vaccine. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2014: Estimate follows coverage for third dose DTP containing vaccine. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2013: Rotavirus vaccine introduced in October 2012. Reporting began in 2013. Estimated based on official government estimate. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

Fiji - PcV3

FJI - PcV3

Legend:
- WHO-UNICEF estimate
- Official government estimate
- Administrative coverage
- Survey, card or history
- Accepted survey, resolved value

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Estimate	NA	NA	87	99	99	93	90	94	96	98	99	99
Estimate GoC	NA	NA	●	●	●	●	●	●	●	●	●	●
Official	NA	NA	87	92	94	93	NA	86	91	93	NA	85
Administrative	NA	NA	91	92	91	85	82	86	91	93	NA	94
Survey	NA	NA	NA	NA	NA	NA	NA	92	95	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: 2022 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:

2022: Reported data calibrated to 2019 levels. WHO and UNICEF recommend a comprehensive review of reporting system and resultant coverage data. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2021: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. GoC=Assigned by working group. No reported data.

2020: Reported data calibrated to 2019 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 98 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2019: Estimate of 96 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji Multiple Indicator Cluster Survey 2021 card or history results of 95 percent modifed for recall bias to 96 percent based on 1st dose card or history coverage of 96 percent, 1st dose card only coverage of 94 percent and 3rd dose card only coverage of 94 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 96 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2018: Estimate of 94 percent assigned by working group. Estimate informed by estimated survey coverage. Fiji Multiple Indicator Cluster Survey 2021 card or history results of 92 percent modifed for recall bias to 94 percent based on 1st dose card or history coverage of 95 percent, 1st dose card only coverage of 90 percent and 3rd dose card only coverage of 89 percent. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 94 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2017: Reported data calibrated to 2015 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 90 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2016: Reported data calibrated to 2015 and 2018 levels. Inconsistent adjustments from reported administrative coverage from 2012. Estimate of 93 percent changed from previous revision value of 99 percent. Estimate challenged by: R-

2015: Estimate of 99 percent assigned by working group. Estimate follows coverage for third dose DTP containing vaccine. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2014: Estimate follows coverage for third dose DTP containing vaccine. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

2013: Pneumococcal conjugate vaccine introduced in October 2012. Reporting began in 2013. Estimated based on official government estimate. Inconsistent adjustments from reported administrative coverage from 2012. Estimate challenged by: R-

NOTE: A survey to measure vaccination coverage for infants (i.e., children aged 0 to 11 months) will sample children aged 12 to 23 months at the time of survey to capture the youngest annual cohort of children who should have completed the vaccination schedule. Because WUENIC are for infant vaccinations, survey data in this report are presented to reflect the birth year of the youngest survey cohort. For example, results for a survey conducted during December 2020 among children aged 12 to 23 months at the time of the survey reflect the immunization experience of children born in 2019. Depending on the timing of survey field work, results may reflect the immunization experience of children born and vaccinated 1 or 2 years prior to the survey field work.

2019 Fiji Multiple Indicator Cluster Survey 2021

* coverage levels confirmed by card include evidence of vaccination from cards as well as information obtained from a review of health facility records.

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	96.8	12-23 m	407	93
BCG	Card	94.2	12-23 m	407	93
BCG	Card or History	97	12-23 m	407	93
BCG	History	2.9	12-23 m	407	93
DTP1	C or H <12 months	96	12-23 m	407	93
DTP1	Card	94	12-23 m	407	93
DTP1	Card or History	96.7	12-23 m	407	93
DTP1	History	2.6	12-23 m	407	93
DTP3	C or H <12 months	94.1	12-23 m	407	93
DTP3	Card	93.6	12-23 m	407	93
DTP3	Card or History	95.4	12-23 m	407	93
DTP3	History	1.9	12-23 m	407	93
HepB1	C or H <12 months	96	12-23 m	407	93
HepB1	Card	94	12-23 m	407	93
HepB1	Card or History	96.7	12-23 m	407	93
HepB1	History	2.6	12-23 m	407	93
HepB3	C or H <12 months	94.1	12-23 m	407	93
HepB3	Card	93.6	12-23 m	407	93
HepB3	Card or History	95.4	12-23 m	407	93
HepB3	History	1.9	12-23 m	407	93
HepBB	C or H <12 months	96.8	12-23 m	407	93
HepBB	Card	94.2	12-23 m	407	93
HepBB	Card or History	97	12-23 m	407	93
HepBB	History	2.9	12-23 m	407	93
Hib1	C or H <12 months	96	12-23 m	407	93
Hib1	Card	94	12-23 m	407	93
Hib1	Card or History	96.7	12-23 m	407	93
Hib1	History	2.6	12-23 m	407	93
Hib3	C or H <12 months	94.1	12-23 m	407	93
Hib3	Card	93.6	12-23 m	407	93
Hib3	Card or History	95.4	12-23 m	407	93
Hib3	History	1.9	12-23 m	407	93
MCV1	C or H <12 months	60	12-23 m	407	93
MCV1	Card	87	12-23 m	407	93
MCV1	Card or History	89.9	12-23 m	407	93
MCV1	History	2.9	12-23 m	407	93
MCV2	C or H <12 months	1.1	12-23 m	407	93
MCV2	Card	44.2	12-23 m	407	93
MCV2	Card or History	46.1	12-23 m	407	93
MCV2	History	1.8	12-23 m	407	93
PCV1	C or H <12 months	95.6	12-23 m	407	93
PCV1	Card	94	12-23 m	407	93
PCV1	Card or History	96.3	12-23 m	407	93
PCV1	History	2.3	12-23 m	407	93
PCV3	C or H <12 months	93.6	12-23 m	407	93
PCV3	Card	93.6	12-23 m	407	93
PCV3	Card or History	94.9	12-23 m	407	93
PCV3	History	1.3	12-23 m	407	93
Pol1	C or H <12 months	96.5	12-23 m	407	93
Pol1	Card	94	12-23 m	407	93
Pol1	Card or History	97.2	12-23 m	407	93
Pol1	History	3.1	12-23 m	407	93
RotaC	C or H <12 months	94.5	12-23 m	407	93
RotaC	Card	93.8	12-23 m	407	93
RotaC	Card or History	95.8	12-23 m	407	93
RotaC	History	2	12-23 m	407	93

2018 Fiji Multiple Indicator Cluster Survey 2021

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	C or H <12 months	94.8	24-35 m	405	93
BCG	Card	90.2	24-35 m	405	93
BCG	Card or History	95.8	24-35 m	405	93

BCG	History	5.6	24-35 m	405	93
DTP1	C or H <12 months	93.6	24-35 m	405	93
DTP1	Card	89.7	24-35 m	405	93
DTP1	Card or History	95.3	24-35 m	405	93
DTP1	History	5.6	24-35 m	405	93
DTP3	C or H <12 months	88	24-35 m	405	93
DTP3	Card	89.3	24-35 m	405	93
DTP3	Card or History	90.8	24-35 m	405	93
DTP3	History	1.5	24-35 m	405	93
HepB1	C or H <12 months	93.6	24-35 m	405	93
HepB1	Card	89.7	24-35 m	405	93
HepB1	Card or History	95.3	24-35 m	405	93
HepB1	History	5.6	24-35 m	405	93
HepB3	C or H <12 months	88	24-35 m	405	93
HepB3	Card	89.3	24-35 m	405	93
HepB3	Card or History	90.8	24-35 m	405	93
HepB3	History	1.5	24-35 m	405	93
HepBB	C or H <12 months	95.5	24-35 m	405	93
HepBB	Card	90.4	24-35 m	405	93
HepBB	Card or History	96.2	24-35 m	405	93
HepBB	History	5.9	24-35 m	405	93
Hib1	C or H <12 months	93.6	24-35 m	405	93
Hib1	Card	89.7	24-35 m	405	93
Hib1	Card or History	95.3	24-35 m	405	93
Hib1	History	5.6	24-35 m	405	93
Hib3	C or H <12 months	88	24-35 m	405	93
Hib3	Card	89.3	24-35 m	405	93
Hib3	Card or History	90.8	24-35 m	405	93
Hib3	History	1.5	24-35 m	405	93
MCV1	C or H <12 months	91.6	24-35 m	405	93
MCV1	Card	88.6	24-35 m	405	93
MCV1	Card or History	94.6	24-35 m	405	93
MCV1	History	6	24-35 m	405	93
PCV1	C or H <12 months	93.1	24-35 m	405	93
PCV1	Card	89.7	24-35 m	405	93
PCV1	Card or History	94.8	24-35 m	405	93
PCV1	History	5.1	24-35 m	405	93
PCV3	C or H <12 months	88.7	24-35 m	405	93
PCV3	Card	89.3	24-35 m	405	93
PCV3	Card or History	91.5	24-35 m	405	93
PCV3	History	2.3	24-35 m	405	93
Pol1	C or H <12 months	94	24-35 m	405	93
Pol1	Card	89.7	24-35 m	405	93
Pol1	Card or History	95.8	24-35 m	405	93
Pol1	History	6.1	24-35 m	405	93
RotaC	C or H <12 months	89.2	24-35 m	405	93
RotaC	Card	89.7	24-35 m	405	93
RotaC	Card or History	92.4	24-35 m	405	93
RotaC	History	2.6	24-35 m	405	93

2011 Fiji National Immunization Coverage Survey 2013

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	95.3	15-26 m	1209	95
BCG	Card or History	98.7	15-26 m	1209	95
DTP1	Card	95.3	15-26 m	1209	95
DTP1	Card or History	98.7	15-26 m	1209	95
DTP3	Card	94.9	15-26 m	1209	95
DTP3	Card or History	98.3	15-26 m	1209	95
HepB1	Card	95.3	15-26 m	1209	95
HepB1	Card or History	98.7	15-26 m	1209	95
HepB3	Card	94.9	15-26 m	1209	95
HepB3	Card or History	98.3	15-26 m	1209	95
HepBB	Card	95.4	15-26 m	1209	95
HepBB	Card or History	98.8	15-26 m	1209	95
Hib1	Card	95.3	15-26 m	1209	95
Hib1	Card or History	98.7	15-26 m	1209	95
Hib3	Card	94.9	15-26 m	1209	95
Hib3	Card or History	98.3	15-26 m	1209	95
MCV1	Card	92.3	15-26 m	1209	95
MCV1	Card or History	95.6	15-26 m	1209	95
Pol1	Card	95.3	15-26 m	1209	95
Pol1	Card or History	98.7	15-26 m	1209	95
Pol3	Card	94.9	15-26 m	1209	95
Pol3	Card or History	98.3	15-26 m	1209	95

2007 Fiji National Immunisation Coverage Survey 2008

Fiji - survey details

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	79.9	15-26 m	1200	78
BCG	Card or History	100	15-26 m	1200	78
DTP1	Card	79.7	15-26 m	1200	78
DTP1	Card or History	99.8	15-26 m	1200	78
DTP3	Card	78.9	15-26 m	1200	78
DTP3	Card or History	98.8	15-26 m	1200	78
HepB1	Card	79.7	15-26 m	1200	78
HepB1	Card or History	99.8	15-26 m	1200	78
HepB3	Card	78.9	15-26 m	1200	78
HepB3	Card or History	98.8	15-26 m	1200	78
Hib1	Card	79.7	15-26 m	1200	78
Hib1	Card or History	99.8	15-26 m	1200	78
Hib3	Card	78.9	15-26 m	1200	78
Hib3	Card or History	98.8	15-26 m	1200	78
MCV1	Card	75.6	15-26 m	1200	78
MCV1	Card or History	93.6	15-26 m	1200	78
Pol1	Card	79.7	15-26 m	1200	78
Pol1	Card or History	99.8	15-26 m	1200	78
Pol3	Card	79.2	15-26 m	1200	78
Pol3	Card or History	99.3	15-26 m	1200	78

2004 Fiji Immunization Coverage Survey Report 2005

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Cards seen
BCG	Card	98.7	12-23 m	630	-
DTP3	Card	83.3	12-23 m	630	-
HepB3	Card	91.9	12-23 m	630	-
MCV1	Card	79.6	12-23 m	630	-
Pol3	Card	76.2	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	95.4	12-23 m	-	-
DTP3	Card or History	91.6	12-23 m	-	-
HepB3	Card or History	93.5	12-23 m	-	-
MCV1	Card or History	92.3	12-23 m	-	-
Pol3	Card or History	100	12-23 m	-	-

Further information and estimates for previous years are available at:
https://data.unicef.org/topic/child-health/immunization/
https://immunizationdata.who.int/listing.html