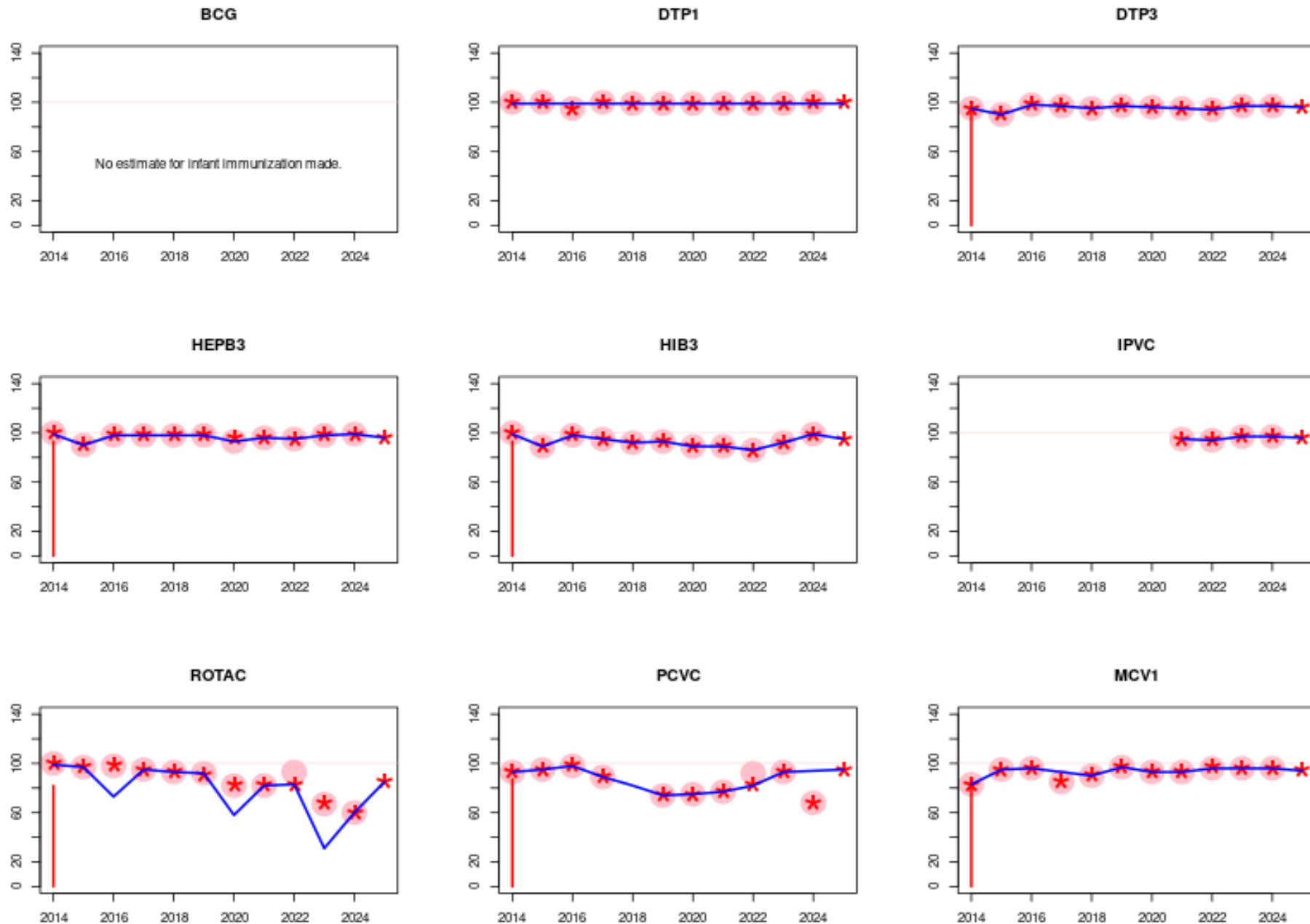




BACKGROUND NOTE Each year WHO and UNICEF jointly review reports submitted by Member States regarding national immunization coverage, finalized survey reports as well as data from published and grey literature. Based on these data, with due consideration to potential biases and the views of local experts, WHO and UNICEF attempt to distinguish between situations where available empirical data accurately reflect immunization system performance and those where the data are likely compromised and present a misleading view of coverage. The estimates refer to immunizations delivered through routine immunization services to children less than 12 months of age, or at the age specified in the recommended immunization schedule, for whom vaccinations are recorded. Immunizations received through supplemental immunization activities, such as polio and measles campaigns, are not included.

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. Bull World Health Organ. * Burton et al. 2012. PLoS One.
* Brown et al. 2013. Open Pub Health Journal. * Danovaro-Holliday et al. 2021. Gates Open Res.

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 6-11, 12-23 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 data collection period.

ABBREVIATIONS AND DEFINITIONS

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.

IPV1: percentage of surviving infants who received the first dose of inactivated polio vaccine.

IPVC: percentage of surviving infants who received the final recommended dose of IPV in the primary series, according to the national immunization schedule primary series (e.g., second or third dose).

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. Coverage 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 in the production of the estimate.

HEPB: 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.

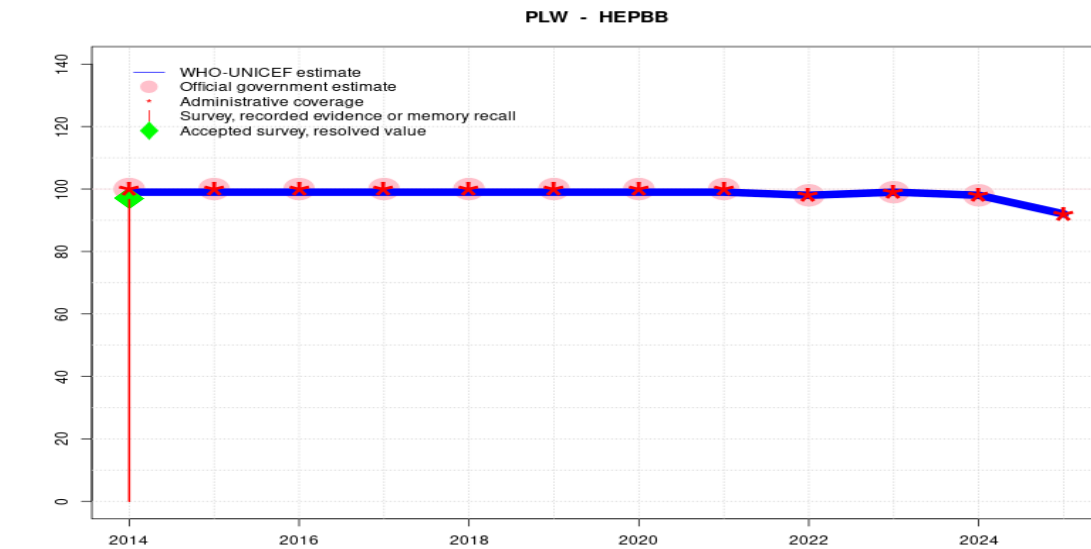
PCVC: percentage of surviving infants who received the final recommended dose of pneumococcal conjugate vaccine according to the national immunization schedule (e.g., second or third dose).

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.

MENGA: percentage of children who received one dose of meningococcal A conjugate vaccine. MENGA coverage estimates produced for countries in the meningitis belt of sub-Saharan Africa.

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Palau - HEPBB



Description:

2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-

2024: Estimate informed by reported data. Estimate challenged by: D-

2023: Estimate informed by reported data. Estimate challenged by: D-

2022: Estimate informed by reported data. Estimate challenged by: D-

2021: Estimate informed by reported data. Estimate challenged by: D-

2020: Estimate informed by reported data. Estimate challenged by: D-

2019: Estimate informed by reported data. Estimate challenged by: D-

2018: Estimate informed by reported data. Estimate challenged by: D-

2017: Estimate informed by reported data. Estimate challenged by: D-

2016: Estimate informed by reported data. GoC=R+ S+ D+

2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Estimate challenged by: D-

2014: Estimate informed by reported data supported by survey.Survey evidence of 97 percent based on 1 survey(s). GoC=R+ S+ D+

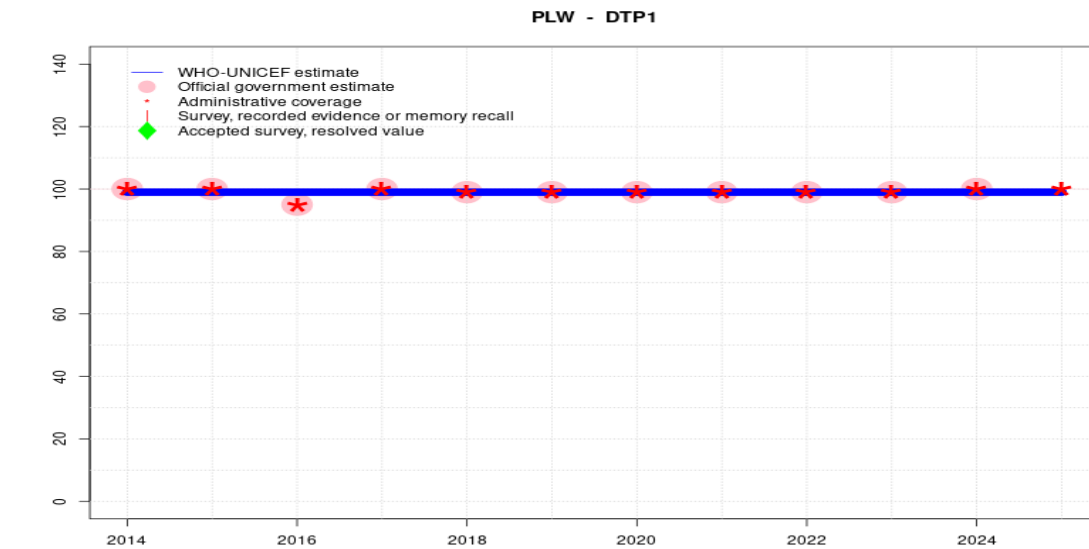
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	99	99	99	99	99	99	99	99	98	99	98	92
Estimate GoC	●●●	●	●●●	●	●	●	●	●	●	●	●	●
Official	100	100	100	100	100	100	100	100	98	99	98	-
Administrative	100	100	100	100	100	100	100	100	98	99	98	92
Survey	97	-	-	-	-	-	-	-	-	-	-	-

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: 2024 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.

Palau - DTP1



Description:

- 2025: Reported data calibrated to 1997 levels. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-R-
- 2024: Reported data calibrated to 1997 levels. Estimate challenged by: D-R-
- 2023: Reported data calibrated to 1997 levels. Estimate challenged by: D-R-
- 2022: Reported data calibrated to 1997 levels. Estimate challenged by: D-R-
- 2021: Reported data calibrated to 1997 levels. Estimate challenged by: D-R-
- 2020: Reported data calibrated to 1997 levels. Estimate challenged by: D-R-
- 2019: Reported data calibrated to 1997 levels. Estimate challenged by: D-R-
- 2018: Reported data calibrated to 1997 levels. Estimate challenged by: D-R-
- 2017: Reported data calibrated to 1997 levels. Estimate challenged by: D-R-
- 2016: Estimate informed by estimated DTP coverage adjusted for dropout. Estimate challenged by: D-R-
- 2015: Reported data calibrated to 1997 levels. Reported official estimate is based on data from the Palau national immunization registry. Estimate challenged by: D-R-
- 2014: Reported data calibrated to 1997 levels. Estimate challenged by: R-

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	99	99	99	99	99	99	99	99	99	99	99	99
Estimate GoC	●	●	●	●	●	●	●	●	●	●	●	●
Official	100	100	95	100	99	99	99	99	99	99	100	-
Administrative	100	100	95	100	99	99	99	99	99	99	100	100
Survey	-	-	-	-	-	-	-	-	-	-	-	-

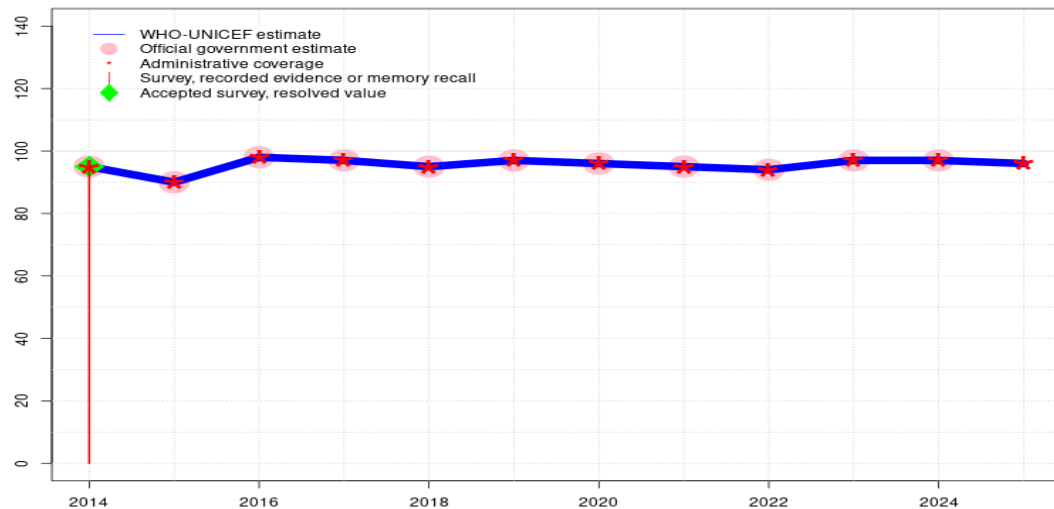
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 2024 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.

Palau - DTP3

PLW - DTP3



Description:

- 2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-
- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data. Estimate challenged by: D-
- 2020: Estimate informed by reported data. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Estimate challenged by: D-
- 2017: Estimate informed by reported data. Estimate challenged by: D-
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Estimate challenged by: D-
- 2014: Estimate informed by reported data supported by survey. Survey evidence of 95 percent based on 1 survey(s). GoC=R+ S+ D+

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	95	90	98	97	95	97	96	95	94	97	97	96
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●	●
Official	95	90	98	97	95	97	96	95	94	97	97	-
Administrative	95	90	98	97	95	97	96	95	94	97	97	96
Survey	95	-	-	-	-	-	-	-	-	-	-	-

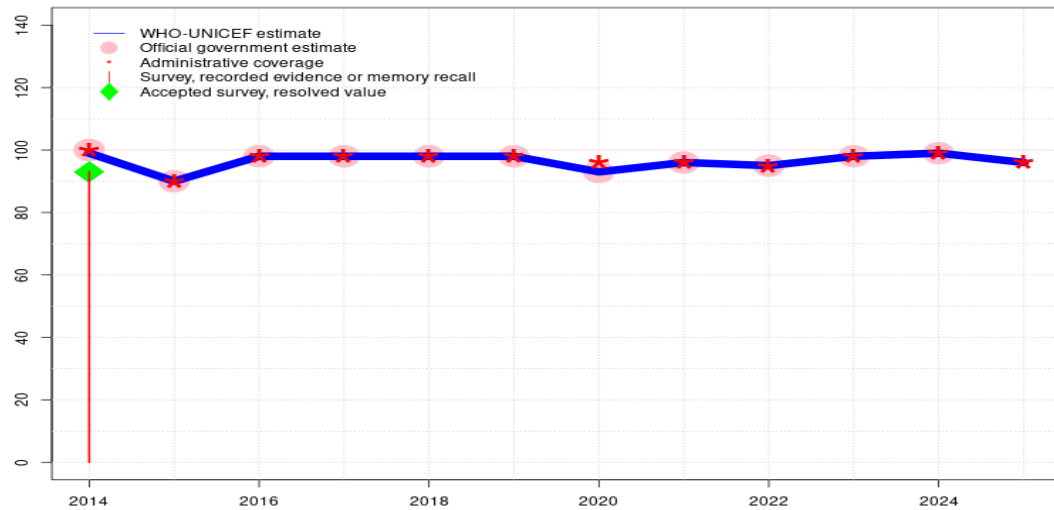
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 2024 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.

Palau - HEPB3

PLW - HEPB3



Description:

- 2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-
- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data. Estimate challenged by: D-
- 2020: Estimate informed by reported data. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Estimate challenged by: D-
- 2017: Estimate informed by reported data. Estimate challenged by: D-
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Consistency with other vaccines. Estimate challenged by: D-
- 2014: Estimate informed by reported data supported by survey. Survey evidence of 93 percent based on 1 survey(s). GoC=R+ S+ D+

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	99	90	98	98	98	98	93	96	95	98	99	96
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●	●
Official	100	90	98	98	98	98	93	96	95	98	99	-
Administrative	100	90	98	98	98	98	96	96	95	98	99	96
Survey	93	-	-	-	-	-	-	-	-	-	-	-

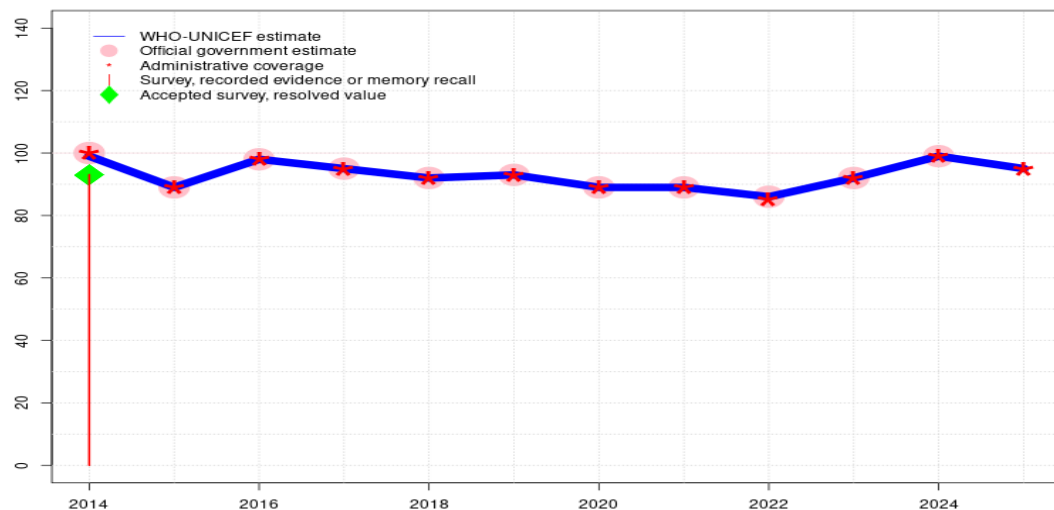
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 2024 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.

Palau - HIB3

PLW - HIB3



Description:

- 2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-
- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data. Estimate challenged by: D-
- 2020: Estimate informed by reported data. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Estimate challenged by: D-
- 2017: Estimate informed by reported data. Programme reports a 1-month vaccine stockout. Estimate challenged by: D-
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Consistency with other vaccines. Estimate challenged by: D-
- 2014: Estimate informed by reported data supported by survey. Survey evidence of 93 percent based on 1 survey(s). GoC=R+ S+ D+

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	99	89	98	95	92	93	89	89	86	92	99	95
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●	●
Official	100	89	98	95	92	93	89	89	86	92	99	-
Administrative	100	89	98	95	92	93	89	89	85	92	99	95
Survey	93	-	-	-	-	-	-	-	-	-	-	-

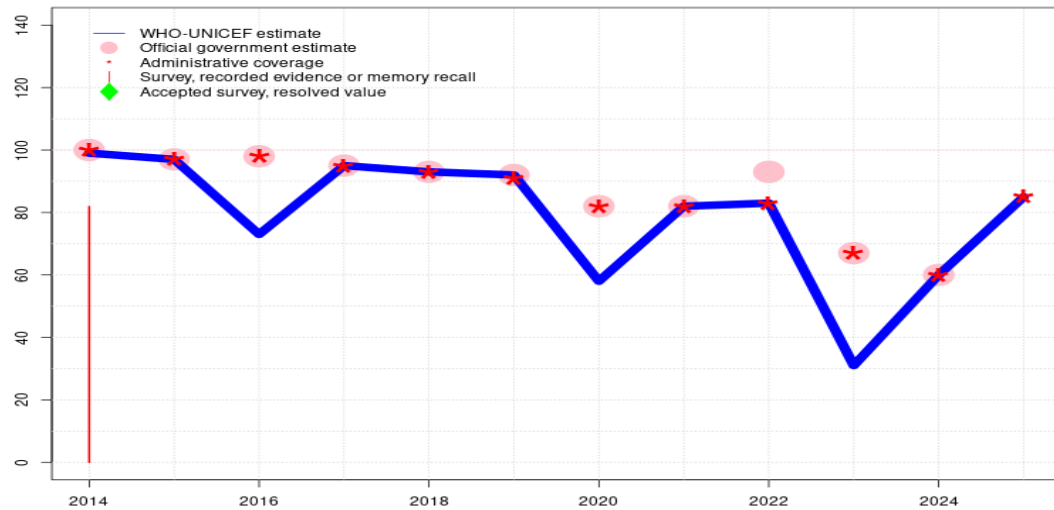
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 2024 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.

Palau - ROTAC

PLW - ROTAC



	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	99	97	73	95	93	92	58	82	83	31	60	85
Estimate GoC	••	•	•	•	•	•	•	•	•	•	•	•
Official	100	97	98	95	93	92	82	82	93	67	60	-
Administrative	100	97	98	95	93	91	82	82	83	67	60	85
Survey	82	-	-	-	-	-	-	-	-	-	-	-

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: 2024 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.

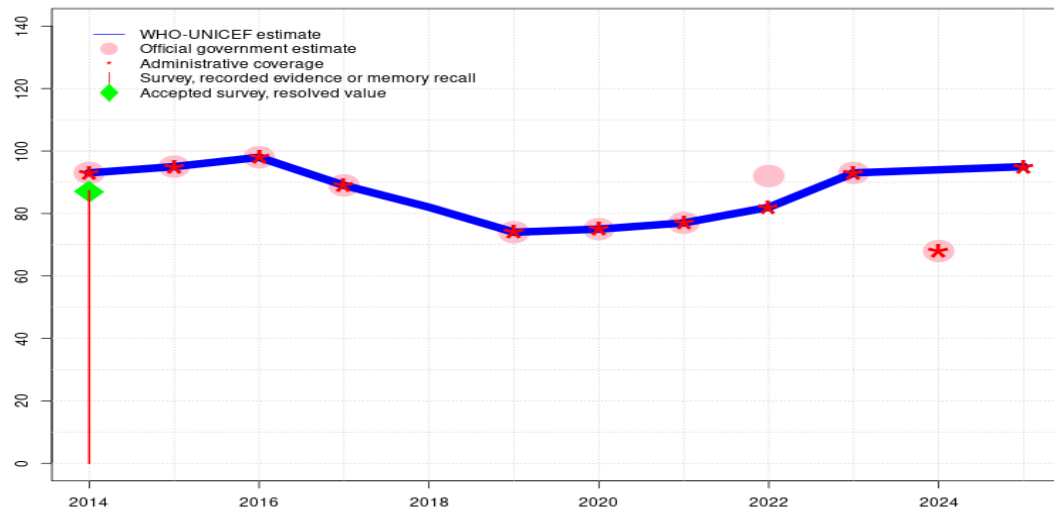
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-
- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Programme reports 67 percent coverage achieved in 47 percent of national target population. Estimated coverage reflects that achieved in the annual national birth cohort. Decline in coverage from prior years is unexplained. Estimate challenged by: D-R-
- 2022: Estimate informed by reported administrative data. Difference between official and administrative coverage is unexplained. Estimate is informed by reported administrative coverage. Estimate challenged by: D-
- 2021: Estimate informed by reported data. Estimate challenged by: D-
- 2020: Programme reports 82 percent coverage achieved in 70 percent of target population. Estimate informed by coverage achieved in total annual national target population. Estimate of 58 percent changed from previous revision value of 82 percent. Estimate challenged by: D-R-
- 2019: Estimate informed by reported data. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Estimate challenged by: D-
- 2017: Estimate informed by reported data. Programme reports a 1-month vaccine stockout. Estimate challenged by: D-
- 2016: Programme reports 98 percent coverage achieved in 75 percent of target population. Estimate informed by coverage achieved in total annual national target population. Estimate of 73 percent changed from previous revision value of 98 percent. Estimate challenged by: D-R-
- 2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Estimate challenged by: D-
- 2014: Estimate informed by reported data. Vaccination among children aged 2 years results ignored. Sample size 259 less than 300. GoC=R+ D+

Palau - PCVC

PLW - PCVC



Description:

- 2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Unexplained decline in coverage compared to 2023. Estimate challenged by: D-
- 2024: Estimate informed by interpolation between reported data. Reported data excluded due to decline in reported coverage from 93 percent to 68 percent with increase to 95 percent. Unexplained decline in coverage compared to 2023. Estimate of 94 percent changed from previous revision value of 93 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Estimate challenged by: D-
- 2022: Estimate informed by reported administrative data. Difference between official and administrative coverage is unexplained. Estimate is informed by reported administrative coverage. Estimate challenged by: D-
- 2021: Estimate informed by reported data. Estimate challenged by: D-
- 2020: Estimate informed by reported data. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Estimate challenged by: D-
- 2018: Estimate informed by interpolation between reported data. GoC=No accepted empirical data
- 2017: Estimate informed by reported data. Programme reports a 1-month vaccine stockout. Estimate challenged by: D-
- 2016: Estimate informed by reported data. Estimate challenged by: D-S-
- 2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Consistency with other vaccines. Estimate challenged by: D-
- 2014: Estimate informed by reported data supported by survey. Survey evidence of 87 percent based on 1 survey(s). GoC=R+ S+ D+

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	93	95	98	89	82	74	75	77	82	93	94	95
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●●	●
Official	93	95	98	89	-	74	75	77	92	93	68	-
Administrative	93	95	98	89	-	74	75	77	82	93	68	95
Survey	87	-	-	-	-	-	-	-	-	-	-	-

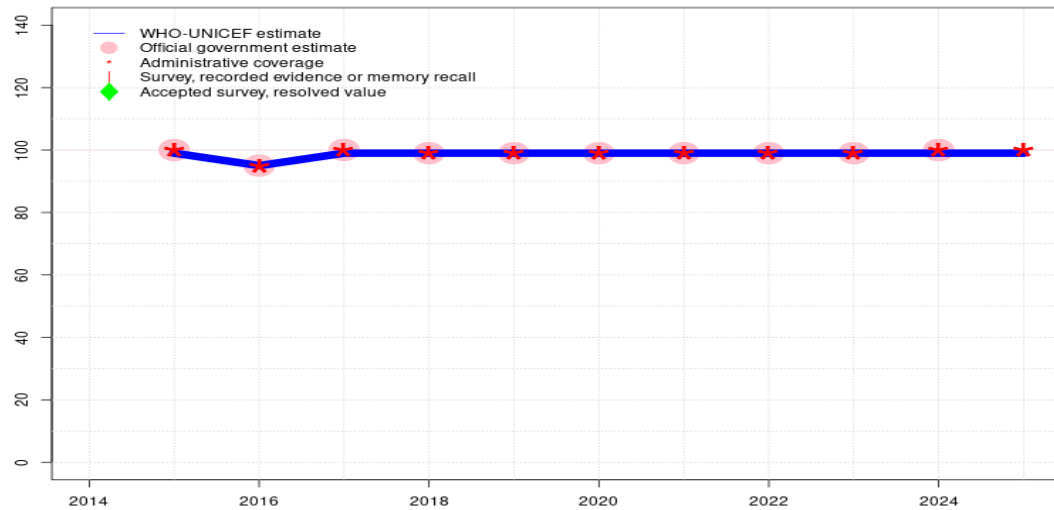
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 2024 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.

Palau - IPV1

PLW - IPV1



Description:

2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-

2024: Estimate informed by reported data. Estimate challenged by: D-

2023: Estimate informed by reported data. Estimate challenged by: D-

2022: Estimate informed by reported data. Estimate challenged by: D-

2021: Estimate informed by reported data. Estimate challenged by: D-

2020: Estimate informed by reported data. Estimate challenged by: D-

2019: Estimate informed by reported data. Estimate challenged by: D-

2018: Estimate informed by reported data. Estimate challenged by: D-

2017: Estimate informed by reported data. Programme reports a 1-month vaccine stockout. Estimate challenged by: D-

2016: Estimate informed by reported data. Estimate challenged by: D-

2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Estimate challenged by: D-

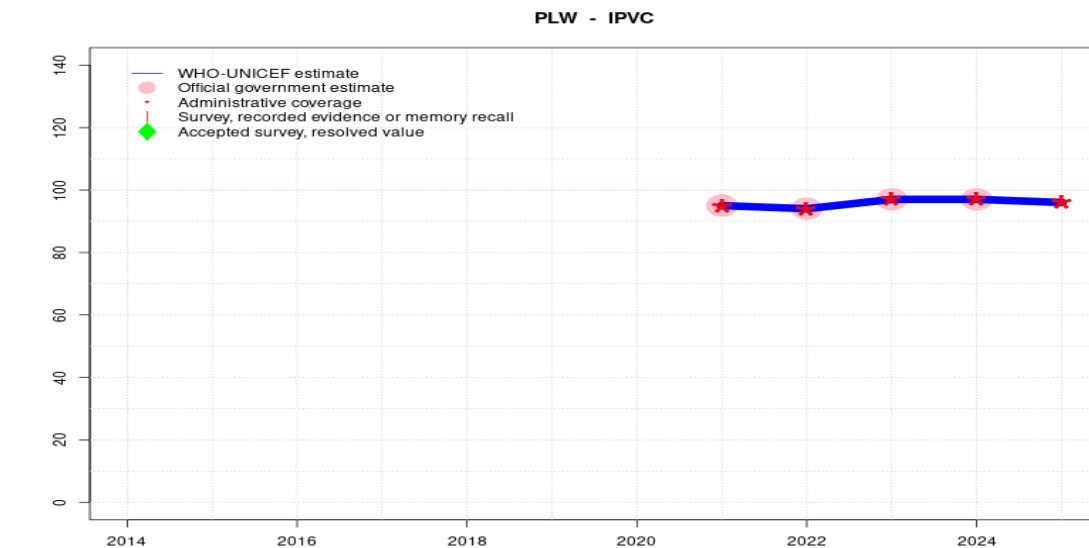
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	-	99	95	99	99	99	99	99	99	99	99	99
Estimate GoC	-	●	●	●	●	●	●	●	●	●	●	●
Official	-	100	95	100	99	99	99	99	99	99	100	-
Administrative	-	100	95	100	99	99	99	99	99	99	100	100
Survey	-	-	-	-	-	-	-	-	-	-	-	-

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: 2024 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.

Palau - IPVC



Description:

2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-

2024: Estimate informed by reported data. Estimate challenged by: D-

2023: Estimate informed by reported data. Estimate challenged by: D-

2022: Estimate informed by reported data. Estimate challenged by: D-

2021: Estimate informed by reported data. Estimate challenged by: D-

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	-	-	-	-	-	-	-	95	94	97	97	96
Estimate GoC	-	-	-	-	-	-	-	●	●	●	●	●
Official	-	-	-	-	-	-	-	95	94	97	97	-
Administrative	-	-	-	-	-	-	-	95	94	97	97	96
Survey	-	-	-	-	-	-	-	-	-	-	-	-

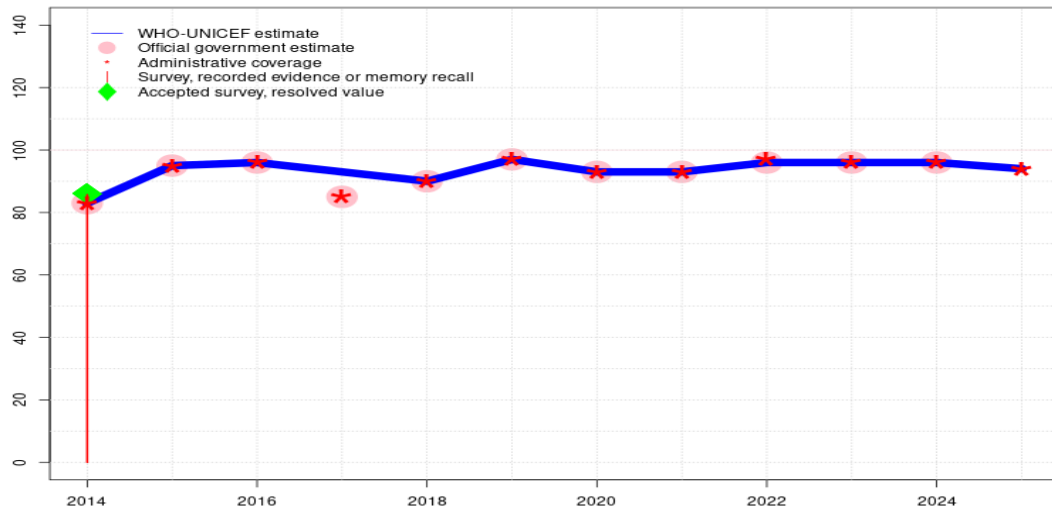
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 2024 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.

Palau - MCV1

PLW - MCV1



Description:

- 2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-
- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data. Estimate challenged by: D-
- 2020: Estimate informed by reported data. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Estimate challenged by: D-
- 2017: Estimate informed by interpolation between reported data. Reported data excluded. Unexplained 21 percent increase in reported target population. Estimate challenged by: D-
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Estimate informed by reported data to maintain consistency with other vaccines. Estimate challenged by: D-
- 2014: Estimate informed by reported data supported by survey. Survey evidence of 86 percent based on 1 survey(s). Estimate informed by reported data to maintain consistency with other vaccines. GoC=R+ S+ D+

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	83	95	96	93	90	97	93	93	96	96	96	94
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●	●
Official	83	95	96	85	90	97	93	93	96	96	96	-
Administrative	83	95	96	85	90	97	93	93	97	96	96	94
Survey	86	-	-	-	-	-	-	-	-	-	-	-

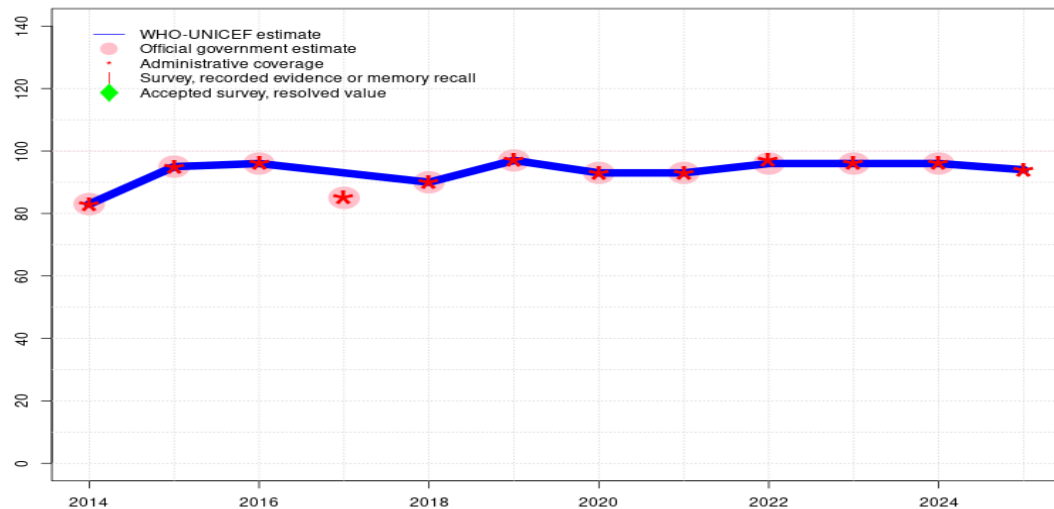
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 2024 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.

Palau - RCV1

PLW - RCV1



Description:

2025: Estimate based on estimated MCV1. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-

2024: Estimate based on estimated MCV1. Estimate challenged by: D-

2023: Estimate based on estimated MCV1. Estimate challenged by: D-

2022: Estimate based on estimated MCV1. Estimate challenged by: D-

2021: Estimate based on estimated MCV1. Estimate challenged by: D-

2020: Estimate based on estimated MCV1. Estimate challenged by: D-

2019: Estimate based on estimated MCV1. Estimate challenged by: D-

2018: Estimate based on estimated MCV1. Estimate challenged by: D-

2017: Estimate based on estimated MCV1. Estimate challenged by: D-

2016: Estimate based on estimated MCV1. Estimate challenged by: D-

2015: Estimate based on estimated MCV1. Reported official estimate is based on data from the Palau national immunization registry. Estimate challenged by: D-

2014: Estimate based on estimated MCV1. Reported data excluded due to decline in reported coverage from 99 percent to 83 percent with increase to 95 percent. GoC=R+ S+ D+

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	83	95	96	93	90	97	93	93	96	96	96	94
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●	●
Official	83	95	96	85	90	97	93	93	96	96	96	-
Administrative	83	95	96	85	90	97	93	93	97	96	96	94
Survey	-	-	-	-	-	-	-	-	-	-	-	-

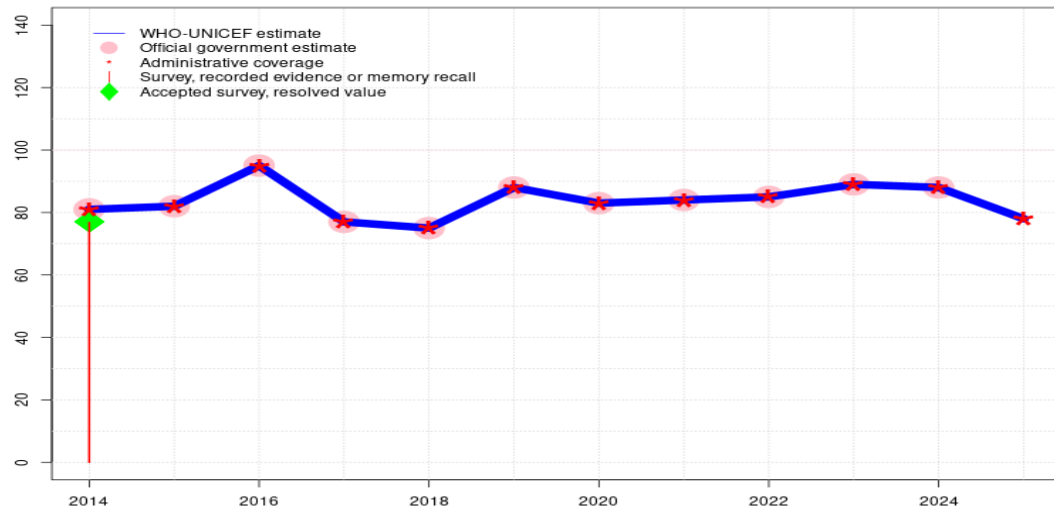
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability 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: 2024 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.

Palau - MCV2

PLW - MCV2



Description:

- 2025: Estimate informed by reported administrative data. Year-to-year fluctuations in reported numerator and denominator data is attributed to small annual birth cohort. WHO and UNICEF recommend an independent assessment to confirm reported levels of coverage. Estimate challenged by: D-
- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data. Estimate challenged by: D-
- 2020: Estimate informed by reported data. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Estimate challenged by: D-
- 2017: Estimate informed by reported data. Estimate challenged by: D-
- 2016: Estimate informed by reported data. Consistency with other vaccines alongside small target population. Estimate challenged by: D-S-
- 2015: Estimate informed by reported data. Reported official estimate is based on data from the Palau national immunization registry. Estimate challenged by: D-
- 2014: Estimate informed by reported data supported by survey. Survey evidence of 77 percent based on 1 survey(s). Estimate informed by reported to maintain consistency with other antigens. GoC=R+ S+ D+

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Estimate	81	82	95	77	75	88	83	84	85	89	88	78
Estimate GoC	●●●	●	●	●	●	●	●	●	●	●	●	●
Official	81	82	95	77	75	88	83	84	85	89	88	-
Administrative	81	82	95	77	75	88	83	84	85	89	88	78
Survey	77	-	-	-	-	-	-	-	-	-	-	-

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: 2024 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.

NOTE A survey to measure vaccination coverage for infants (i.e., children aged 0-11 months) will sample children aged 12-23 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 12-23 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 one or two years prior to the survey field work.

The survey results below present vaccination coverage estimates by antigen, confirmation method, and child’s age at the time of the survey. Coverage based on **Recall** reflects information based upon a mother’s or caregiver’s memory. Coverage based on **Record** reflects information drawn from documented vaccination history in home- and/or facility-based records. **Evidence seen** reflects the percentage of children

in the sample with documented evidence of vaccination history seen by the survey team.

2014 Vaccination among children aged 2 years

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
DTP3	Record or Recall	94.6	24-35 m	259	-
HEPB3	Record or Recall	93.1	24-35 m	259	-
HEPBB	Record or Recall	96.6	24-35 m	259	-
HIB3	Record or Recall	93.1	24-35 m	259	-
MCV1	Record or Recall	85.7	24-35 m	259	-
MCV2	Record or Recall	76.8	24-35 m	259	-
PCVC	Record or Recall	87.3	24-35 m	259	-
ROTAC	Record or Recall	81.9	24-35 m	259	-

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