

State of Palestine: WHO and UNICEF estimates of immunization coverage: 2024 revision

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.

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 Guérin 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. For countries utilizing IPV containing vaccine only, i.e., no recommended dose of OPV, 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.

IPV2: percentage of surviving infants who received a 2nd dose of inactivated polio vaccine. IPV2 coverage estimates produced for OPV using countries.

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.

HEPB3: 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 if coverage for the booster dose is not reported.

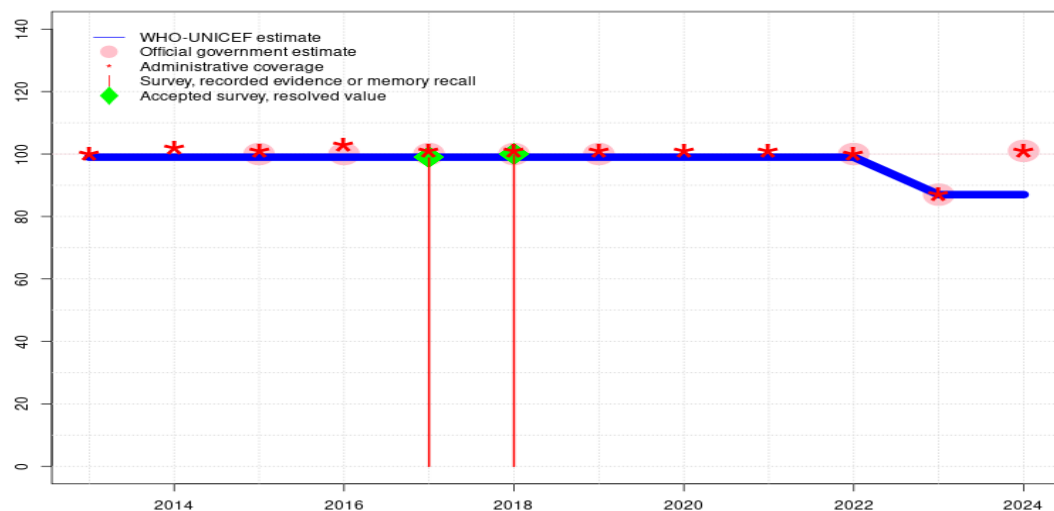
YFV: percentage of surviving infants who received one dose of yellow fever vaccine in countries where YFV is part of the national immunization schedule for children or is recommended in at risk areas; coverage estimates are annualized for the entire cohort of surviving infants.

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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State of Palestine - BCG

PSE - BCG



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	99	99	99	99	99	99	99	99	99	99	87	87
Estimate GoC	●	●	●	●	●●	●●	●●	●●	●●	●●	●●	●●
Official	-	-	100	100	100	100	100	-	-	100	87	101
Administrative	100	102	101	103	101	101	101	101	101	100	87	101
Survey	-	-	-	-	99	100	-	-	-	-	-	-

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.

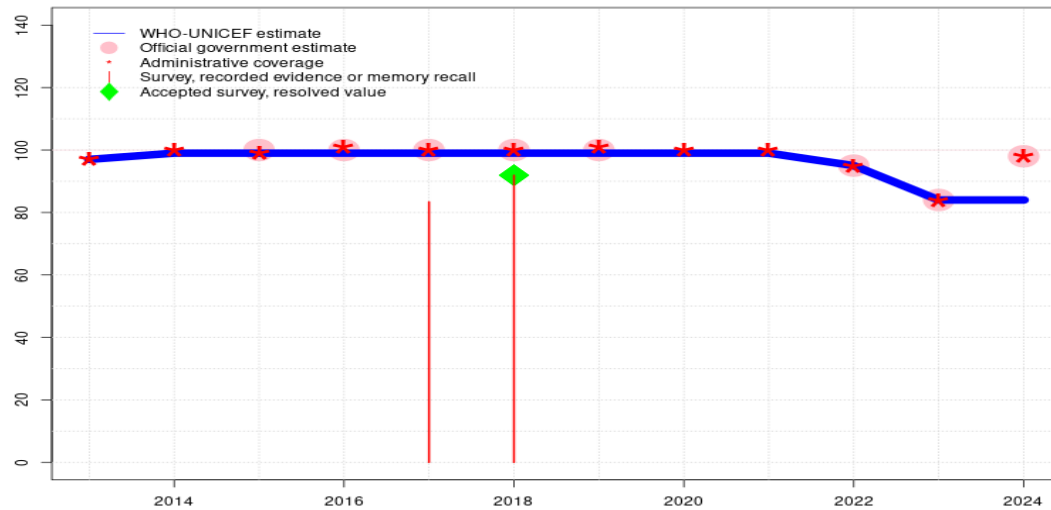
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded because 101 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 87 to 101 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by interpolation between reported data. Reported data excluded because 101 percent greater than 100 percent. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 101 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 100 percent based on 1 survey(s). GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 99 percent based on 1 survey(s). GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by interpolation between reported data. Reported data excluded because 102 percent greater than 100 percent. Estimate challenged by: D-
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

State of Palestine - HEPBB

PSE - HEPBB



Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded due to sudden change in coverage from 84 to 98 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by reported administrative data. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 92 percent based on 1 survey(s). GoC=R+ S+ D+
- 2017: Estimate informed by reported data. Palestinian Multiple Indicator Cluster Survey 2019-2020 results ignored by working group. Consistency with other vaccine doses and most recent cohort. GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by reported administrative data. Estimate challenged by: D-
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	97	99	99	99	99	99	99	99	99	95	84	84
Estimate GoC	•	•	•	•	•••	•••	•••	•••	••	••	••	••
Official	-	-	100	100	100	100	100	-	-	95	84	98
Administrative	97	100	99	101	100	100	101	100	100	95	84	98
Survey	-	-	-	-	83	92	-	-	-	-	-	-

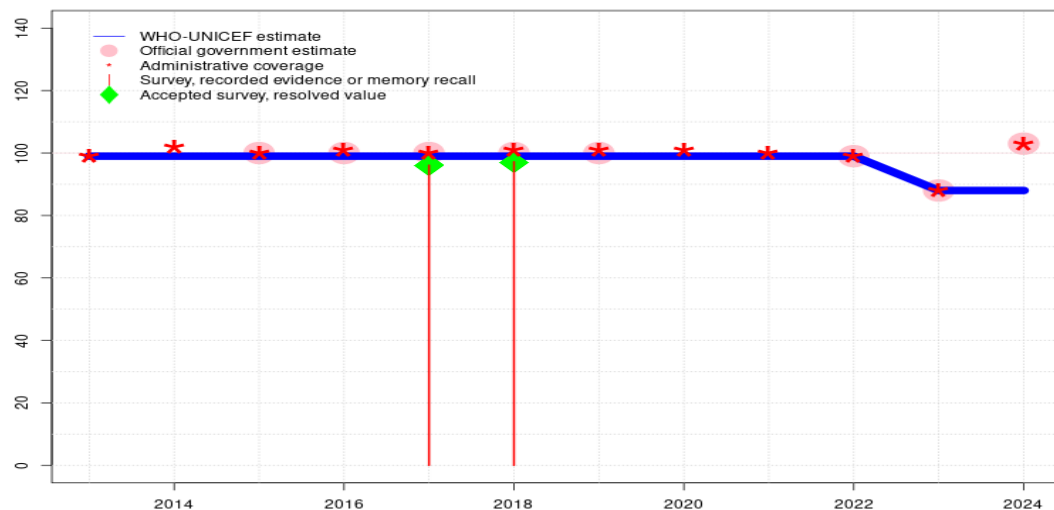
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

State of Palestine - DTP1

PSE - DTP1



Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded because 103 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 88 to 103 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 101 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 97 percent based on 1 survey(s). GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 96 percent based on 1 survey(s). GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by interpolation between reported data. Reported data excluded because 102 percent greater than 100 percent. Estimate challenged by: D-
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	99	99	99	99	99	99	99	99	99	99	88	88
Estimate GoC	•	•	•	•	•••	•••	•••	•••	••	••	••	••
Official	-	-	100	100	100	100	100	-	-	99	88	103
Administrative	99	102	100	101	100	101	101	101	100	99	88	103
Survey	-	-	-	-	96	97	-	-	-	-	-	-

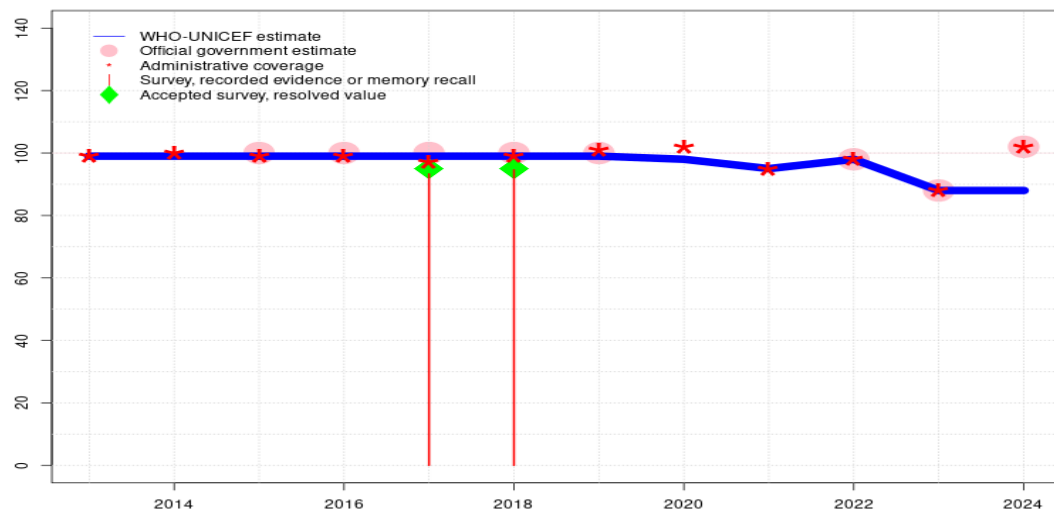
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

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State of Palestine - DTP3

PSE - DTP3



Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded because 102 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 88 to 102 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 102 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 95 percent based on 1 survey(s). GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 95 percent based on 1 survey(s). Palestinian Multiple Indicator Cluster Survey 2019-2020 record or recall results of 93 percent modified for recall bias to 95 percent based on 1st dose record or recall coverage of 96 percent, 1st dose record only coverage of 82 percent and 3rd dose record only coverage of 81 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by reported administrative data. Estimate challenged by: D-
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	99	99	99	99	99	99	99	98	95	98	88	88
Estimate GoC	•	•	•	•	•••	•••	•••	•••	••	••	••	••
Official	-	-	100	100	100	100	100	-	-	98	88	102
Administrative	99	100	99	99	97	99	101	102	95	98	88	102
Survey	-	-	-	-	93	95	-	-	-	-	-	-

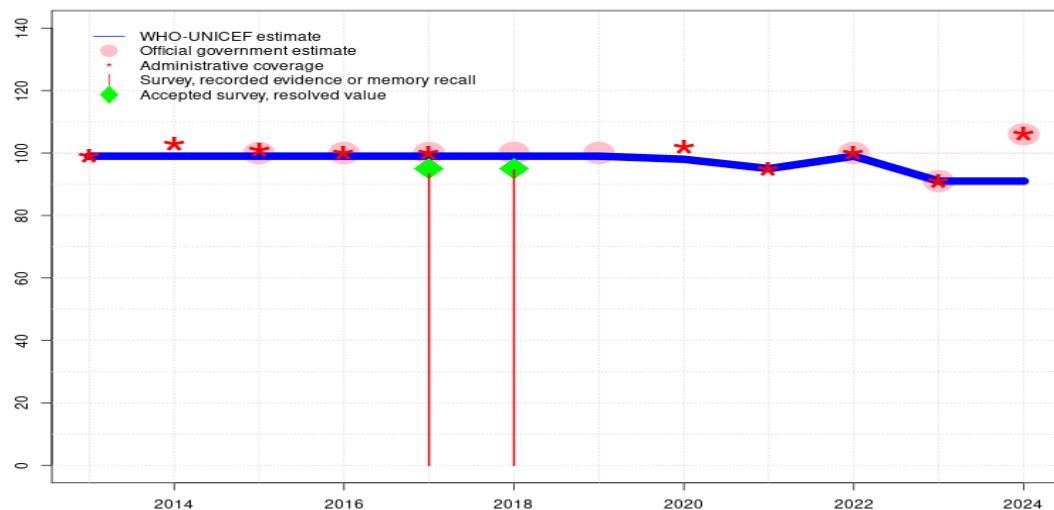
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

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State of Palestine - HEPB3

PSE - HEPB3



Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded because 106 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 91 to 106 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 102 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 95 percent based on 1 survey(s). GoC=Assigned by working group. Consistency with vaccines where reported numerator data are available.
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 95 percent based on 1 survey(s). Palestinian Multiple Indicator Cluster Survey 2019-2020 record or recall results of 93 percent modified for recall bias to 95 percent based on 1st dose record or recall coverage of 96 percent, 1st dose record only coverage of 82 percent and 3rd dose record only coverage of 81 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by interpolation between reported data. Reported data excluded because 103 percent greater than 100 percent. Estimate challenged by: D-
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	99	99	99	99	99	99	99	98	95	99	91	91
Estimate GoC	•	•	•	•	•••	•	••	•••	••	••	••	••
Official	-	-	100	100	100	100	100	-	-	100	91	106
Administrative	99	103	101	100	100	-	-	102	95	100	91	106
Survey	-	-	-	-	93	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.

State of Palestine - HIB3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	99	99	99	99	99	99	99	98	95	98	88	88
Estimate GoC	•	•	•	•	•••	•	••	•••	••	•	••	••
Official	-	-	100	100	100	100	100	-	-	-	88	102
Administrative	99	100	99	99	97	-	-	102	95	-	88	102
Survey	-	-	-	-	93	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.

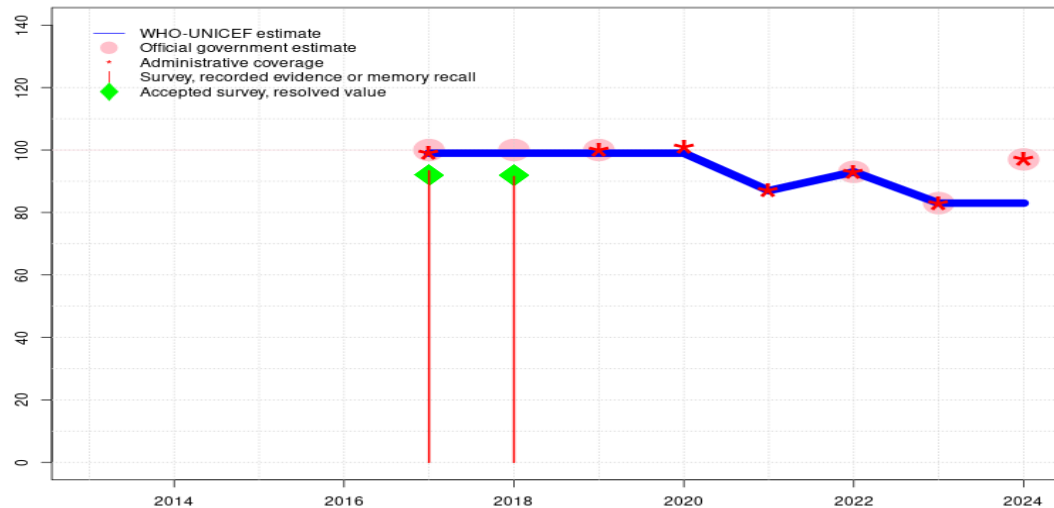
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded because 102 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 88 to 102 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by extrapolation from prior year estimate in the absence of reported coverage. GoC=No accepted empirical data
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 102 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+
- 2018: Estimate informed by reported data supported by survey.Survey evidence of 95 percent based on 1 survey(s). GoC=Assigned by working group. Consistency with vaccines where reported numerator data are available.
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 95 percent based on 1 survey(s). Palestinian Multiple Indicator Cluster Survey 2019-2020 record or recall results of 93 percent modified for recall bias to 95 percent based on 1st dose record or recall coverage of 96 percent, 1st dose record only coverage of 82 percent and 3rd dose record only coverage of 81 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by reported administrative data. Estimate challenged by: D-
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

State of Palestine - ROTAC

PSE - ROTAC



Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded. Programme reported 6 months vaccine stockout at the national and sub-national levels. Reported data excluded due to sudden change in coverage from 83 to 97 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. Programme reports a one month vaccine stockout at national level that impacted subnational levels. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. Programme reports a two months vaccine stockout at both national and subnational levels. GoC=R+ D+
- 2020: Estimate informed by reported data. Reported data excluded because 101 percent greater than 100 percent. Estimate challenged by: R-
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 92 percent based on 1 survey(s). Programme reports two months vaccine stockout at the national level. GoC=Assigned by working group. Consistency with vaccines where reported numerator data are available.
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 92 percent based on 1 survey(s). Palestinian Multiple Indicator Cluster Survey 2019-2020 record or recall results of 93 percent modified for recall bias to 92 percent based on 1st dose record or recall coverage of 96 percent, 1st dose record only coverage of 80 percent and 3rd dose record only coverage of 77 percent. Rotavirus vaccine introduced in 2017. GoC=R+ S+ D+

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	-	99	99	99	99	87	93	83	83
Estimate GoC	-	-	-	-	●●●	●	●●●	●	●●	●●	●●	●●
Official	-	-	-	-	100	100	100	-	-	93	83	97
Administrative	-	-	-	-	99	-	100	101	87	93	83	97
Survey	-	-	-	-	93	92	-	-	-	-	-	-

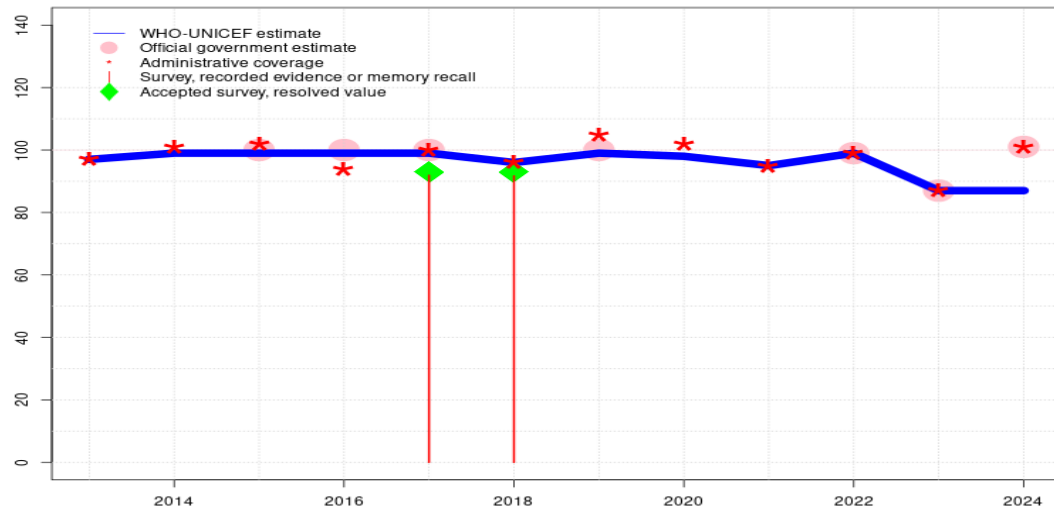
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

State of Palestine - PCV3

PSE - PCV3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	97	99	99	99	99	96	99	98	95	99	87	87
Estimate GoC	•	•	•	•	•••	•••	•••	•••	••	••	••	••
Official	-	-	100	100	100	-	100	-	-	99	87	101
Administrative	97	101	102	94	100	96	105	102	95	99	87	101
Survey	-	-	-	-	92	92	-	-	-	-	-	-

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.

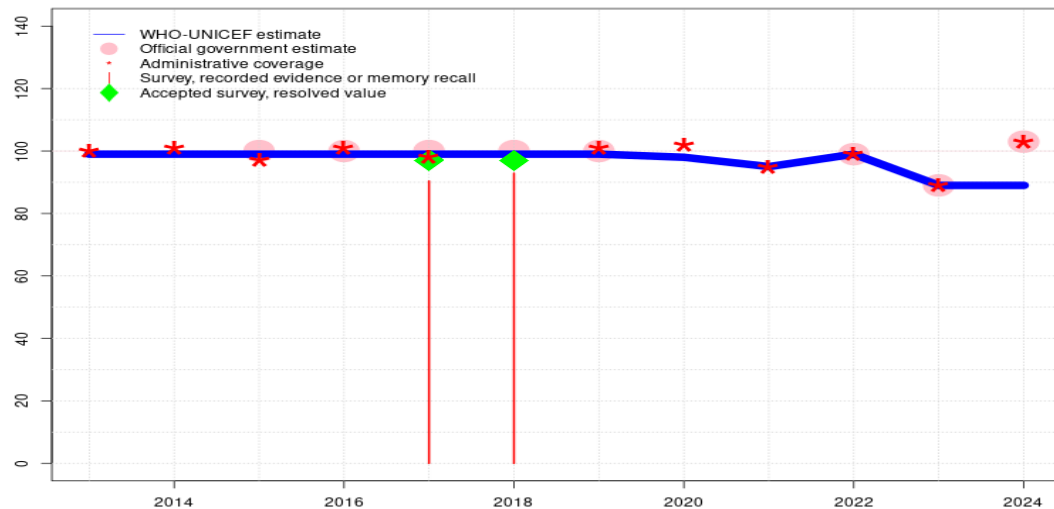
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded because 101 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 87 to 101 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. Programme reports two months vaccine stockout at both national and subnational levels. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 102 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported administrative data supported by survey. Survey evidence of 93 percent based on 1 survey(s). Palestinian Multiple Indicator Cluster Survey 2019-2020 record or recall results of 92 percent modified for recall bias to 93 percent based on 1st dose record or recall coverage of 97 percent, 1st dose record only coverage of 90 percent and 3rd dose record only coverage of 86 percent. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 93 percent based on 1 survey(s). Palestinian Multiple Indicator Cluster Survey 2019-2020 record or recall results of 92 percent modified for recall bias to 93 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 82 percent and 3rd dose record only coverage of 80 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Programme reports two months vaccine stockout at national level. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by interpolation between reported data. Reported data excluded because 101 percent greater than 100 percent. Estimate challenged by: D-
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

State of Palestine - POL3

PSE - POL3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	99	99	99	99	99	99	99	98	95	99	89	89
Estimate GoC	●	●	●	●	●●●	●	●●●	●●●	●●	●●	●●	●●
Official	-	-	100	100	100	100	100	-	-	99	89	103
Administrative	100	101	97	101	98	-	101	102	95	99	89	103
Survey	-	-	-	-	90	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.

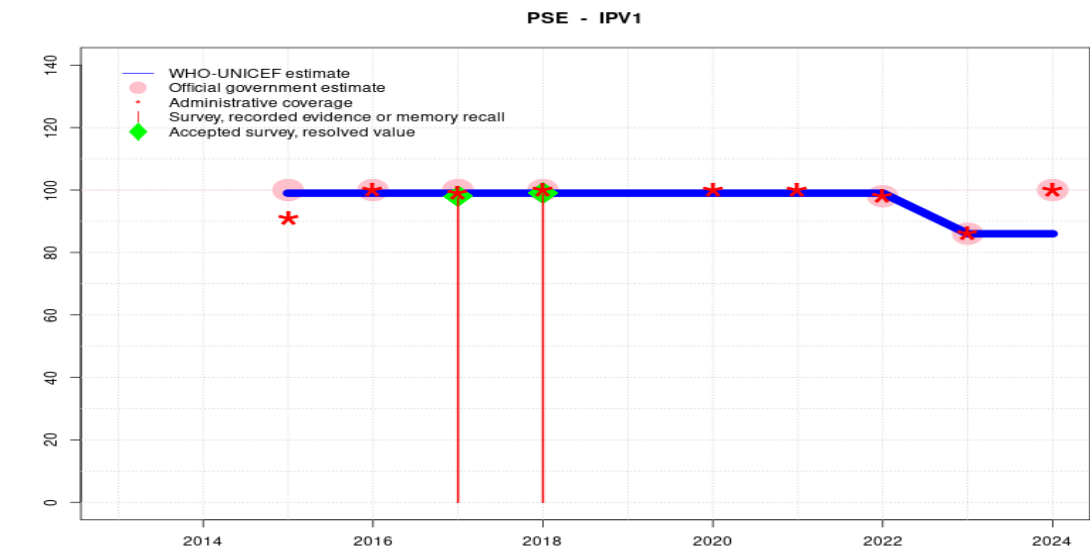
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2024 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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.

Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded because 103 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 89 to 103 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 102 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 97 percent based on 1 survey(s). Palestinian Multiple Indicator Cluster Survey 2019-2020 record or recall results of 93 percent modified for recall bias to 97 percent based on 1st dose record or recall coverage of 99 percent, 1st dose record only coverage of 92 percent and 3rd dose record only coverage of 90 percent. GoC=Assigned by working group. Consistency with vaccines where reported numerator data are available.
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 97 percent based on 1 survey(s). Palestinian Multiple Indicator Cluster Survey 2019-2020 record or recall results of 90 percent modified for recall bias to 97 percent based on 1st dose record or recall coverage of 98 percent, 1st dose record only coverage of 83 percent and 3rd dose record only coverage of 82 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by interpolation between reported data. Reported data excluded because 101 percent greater than 100 percent. Estimate challenged by: D-
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

State of Palestine - IPV1



Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded due to sudden change in coverage from 86 to 100 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. Estimate challenged by: R-
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by reported administrative data. GoC=R+ S+ D+
- 2019: Estimate informed by interpolation between reported data. GoC=S+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 99 percent based on 1 survey(s). GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 98 percent based on 1 survey(s). GoC=R+ S+ D+
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Inactivated polio vaccine introduced in 1978. Estimate challenged by: D-

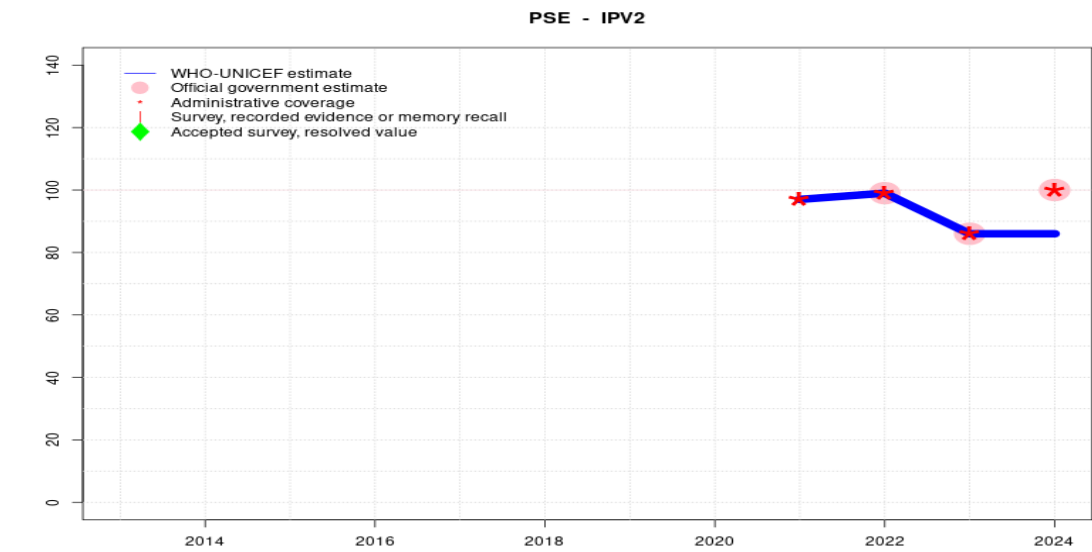
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	99	99	99	99	99	99	99	99	86	86
Estimate GoC	-	-	•	•	•••	•••	••	•••	••	•	••	••
Official	-	-	100	100	100	100	-	-	-	98	86	100
Administrative	-	-	91	100	99	100	-	100	100	98	86	100
Survey	-	-	-	-	98	99	-	-	-	-	-	-

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.

State of Palestine - IPV2



Description:

- 2024: Estimate informed by extrapolation from reported data. Reported data excluded. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. Second dose of inactivated polio vaccine introduced prior to 2021 and recommended at 2 months of age. GoC=R+ D+

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	-	-	-	-	-	97	99	86	86
Estimate GoC	-	-	-	-	-	-	-	-	●●	●●	●●	●●
Official	-	-	-	-	-	-	-	-	-	99	86	100
Administrative	-	-	-	-	-	-	-	-	97	99	86	100
Survey	-	-	-	-	-	-	-	-	-	-	-	-

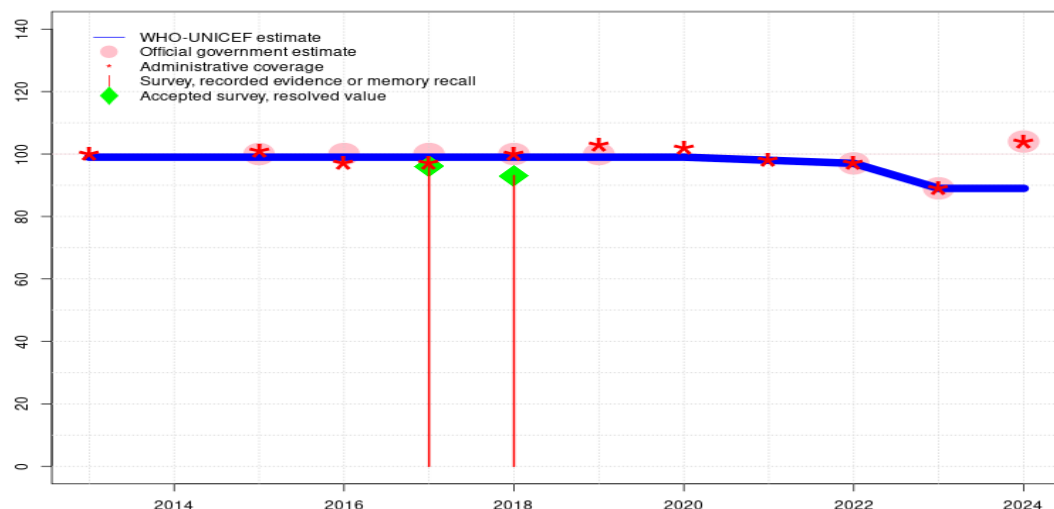
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

State of Palestine - MCV1

PSE - MCV1



Description:

- 2024: Estimate based on extrapolation from data reported by national government. Reported data excluded because 104 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 89 to 104 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 102 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data supported by survey. Survey evidence of 93 percent based on 1 survey(s). GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 96 percent based on 1 survey(s). Estimate challenged by: D-
- 2016: Estimate informed by reported data. Estimate challenged by: D-
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by interpolation between reported data. GoC=No accepted empirical data
- 2013: Estimate informed by reported administrative data. Estimate challenged by: D-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	99	99	99	99	99	99	99	99	98	97	89	89
Estimate GoC	●	●	●	●	●	●●●	●●●	●●●	●●	●●	●●	●●
Official	-	-	100	100	100	100	100	100	-	97	89	104
Administrative	100	-	101	97	97	100	103	102	98	97	89	104
Survey	-	-	-	-	96	93	-	-	-	-	-	-

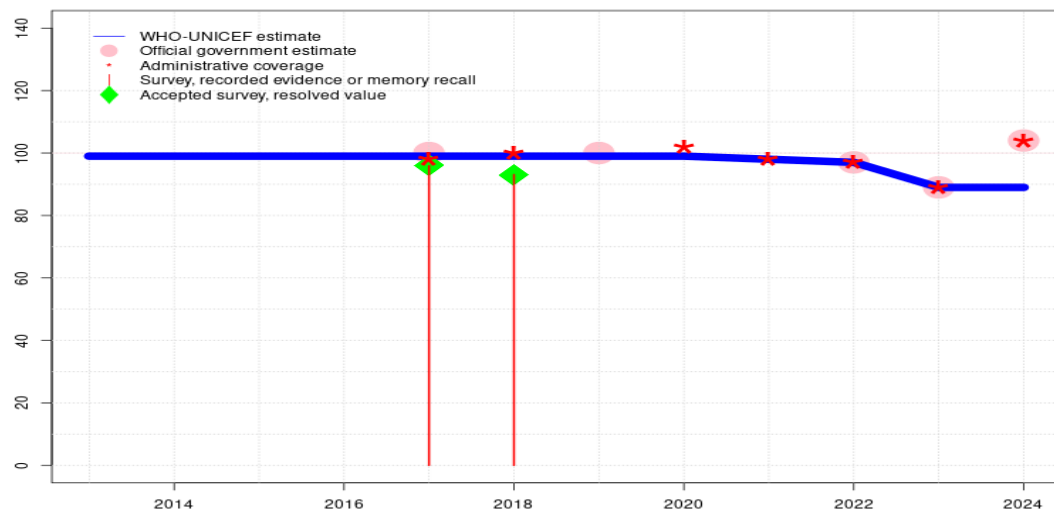
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

State of Palestine - RCV1

PSE - RCV1



Description:

- 2024: Estimate based on estimated MCV1. Reported data excluded because 104 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 89 to 104 percent. GoC=R+ D+
- 2023: Estimate based on estimated MCV1. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate based on estimated MCV1. GoC=R+ D+
- 2021: Estimate based on estimated MCV1. GoC=R+ D+
- 2020: Estimate based on estimated MCV1. Reported data excluded because 102 percent greater than 100 percent. GoC=R+ S+ D+
- 2019: Estimate based on estimated MCV1. GoC=R+ S+ D+
- 2018: Estimate based on estimated MCV1. GoC=R+ S+ 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. Estimate challenged by: D-
- 2014: Estimate based on estimated MCV1. GoC=No accepted empirical data
- 2013: Estimate based on estimated MCV1. Estimate challenged by: D-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	99	99	99	99	99	99	99	99	98	97	89	89
Estimate GoC	•	•	•	•	•	•••	•••	•••	••	••	••	••
Official	-	-	-	-	100	-	100	-	-	97	89	104
Administrative	-	-	-	-	98	100	-	102	98	97	89	104
Survey	-	-	-	-	96	93	-	-	-	-	-	-

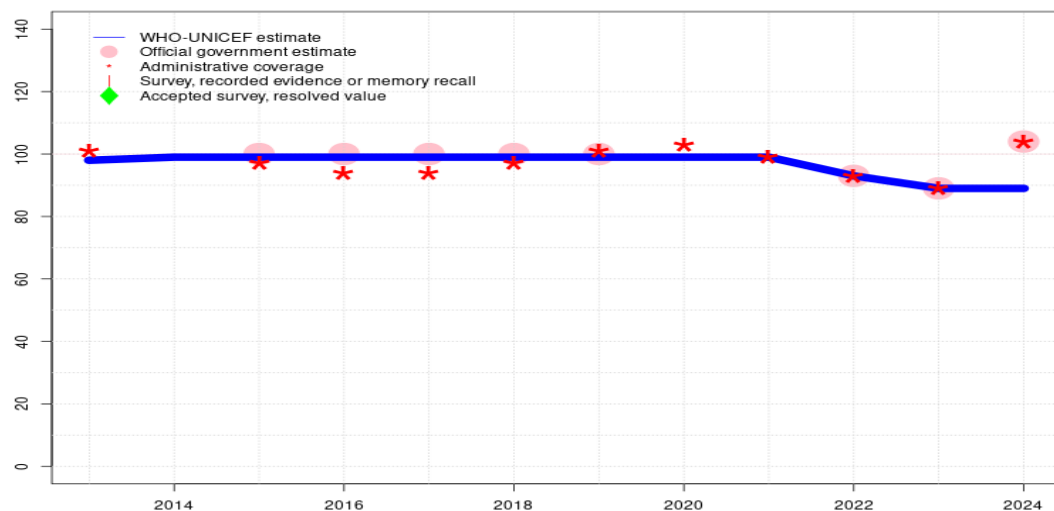
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

State of Palestine - MCV2

PSE - MCV2



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	98	99	99	99	99	99	99	99	99	93	89	89
Estimate GoC	●	●	●	●	●	●●	●●	●●	●●	●●	●●	●●
Official	-	-	100	100	100	100	100	-	-	93	89	104
Administrative	101	-	97	94	94	97	101	103	99	93	89	104
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.

Description:

- 2024: Estimate informed by extrapolation from reported data. Reported data excluded because 104 percent greater than 100 percent. Reported data excluded due to sudden change in coverage from 89 to 104 percent. GoC=R+ D+
- 2023: Estimate informed by reported data. Reported data reflect incomplete reporting due to delayed reports as a result of ongoing conflict. Data from Gaza are included up to September 2023. GoC=R+ D+
- 2022: Estimate informed by reported data. GoC=R+ D+
- 2021: Estimate informed by reported administrative data. GoC=R+ D+
- 2020: Estimate informed by interpolation between reported data. Reported data excluded because 103 percent greater than 100 percent. GoC=R+ D+
- 2019: Estimate informed by reported data. GoC=R+ D+
- 2018: Estimate informed by reported data. GoC=R+ 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. Estimate challenged by: D-
- 2014: Estimate informed by interpolation between reported data. GoC=No accepted empirical data
- 2013: Estimate informed by interpolation between reported data. Reported data excluded because 101 percent greater than 100 percent. Estimate challenged by: D-

State of Palestine - Survey Details

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.

2018 Palestinian Multiple Indicator Cluster Survey 2019-2020

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	7.6	12-23 m	1280	93
BCG	Record	92	12-23 m	1280	93
BCG	Record or Recall	99.6	12-23 m	1280	93
BCG	Record or Recall<12m	99.1	12-23 m	1280	93
DTP1	Recall	6.6	12-23 m	1280	93
DTP1	Record	90.6	12-23 m	1280	93
DTP1	Record or Recall	97.2	12-23 m	1280	93
DTP1	Record or Recall<12m	96.4	12-23 m	1280	93
DTP3	Recall	5.8	12-23 m	1280	93
DTP3	Record	88.8	12-23 m	1280	93
DTP3	Record or Recall	94.6	12-23 m	1280	93
DTP3	Record or Recall<12m	91.9	12-23 m	1280	93
HEPB1	Recall	6.6	12-23 m	1280	93
HEPB1	Record	90.6	12-23 m	1280	93
HEPB1	Record or Recall	97.2	12-23 m	1280	93
HEPB1	Record or Recall<12m	96.4	12-23 m	1280	93
HEPB3	Recall	5.8	12-23 m	1280	93
HEPB3	Record	88.8	12-23 m	1280	93
HEPB3	Record or Recall	94.6	12-23 m	1280	93

HEPB3	Record or Recall<12m	91.9	12-23 m	1280	93
HEPBB	Recall	0.8	12-23 m	1280	93
HEPBB	Record	91.1	12-23 m	1280	93
HEPBB	Record or Recall	91.9	12-23 m	1280	93
HEPBB	Record or Recall<12m	91.5	12-23 m	1280	93
HIB1	Recall	6.6	12-23 m	1280	93
HIB1	Record	90.6	12-23 m	1280	93
HIB1	Record or Recall	97.2	12-23 m	1280	93
HIB1	Record or Recall<12m	96.4	12-23 m	1280	93
HIB3	Recall	5.8	12-23 m	1280	93
HIB3	Record	88.8	12-23 m	1280	93
HIB3	Record or Recall	94.6	12-23 m	1280	93
HIB3	Record or Recall<12m	91.9	12-23 m	1280	93
IPV1	Recall	6.6	12-23 m	1280	93
IPV1	Record	91.9	12-23 m	1280	93
IPV1	Record or Recall	98.6	12-23 m	1280	93
IPV1	Record or Recall<12m	98.2	12-23 m	1280	93
MCV1	Recall	6.6	12-23 m	1280	93
MCV1	Record	86.5	12-23 m	1280	93
MCV1	Record or Recall	93.1	12-23 m	1280	93
MCV1	Record or Recall<12m	75.9	12-23 m	1280	93
PCV1	Recall	6.6	12-23 m	1280	93
PCV1	Record	90.4	12-23 m	1280	93
PCV1	Record or Recall	96.9	12-23 m	1280	93
PCV1	Record or Recall<12m	95.9	12-23 m	1280	93
PCV3	Recall	5.5	12-23 m	1280	93
PCV3	Record	86.2	12-23 m	1280	93
PCV3	Record or Recall	91.7	12-23 m	1280	93
PCV3	Record or Recall<12m	70.4	12-23 m	1280	93
POL1	Recall	7	12-23 m	1280	93
POL1	Record	91.7	12-23 m	1280	93
POL1	Record or Recall	98.7	12-23 m	1280	93
POL1	Record or Recall<12m	98.2	12-23 m	1280	93
POL3	Recall	3	12-23 m	1280	93
POL3	Record	89.9	12-23 m	1280	93
POL3	Record or Recall	92.9	12-23 m	1280	93
POL3	Record or Recall<12m	90.8	12-23 m	1280	93
RCV1	Recall	6.6	12-23 m	1280	93
RCV1	Record	86.5	12-23 m	1280	93
RCV1	Record or Recall	93.1	12-23 m	1280	93

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RCV1	Record or Recall<12m	75.9	12-23 m	1280	93
ROTAC	Recall	8.9	12-23 m	1280	93
ROTAC	Record	82.5	12-23 m	1280	93
ROTAC	Record or Recall	91.5	12-23 m	1280	93
ROTAC	Record or Recall<12m	89.6	12-23 m	1280	93

2017 Palestinian Multiple Indicator Cluster Survey 2019-2020

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	15.4	24-35 m	1239	-
BCG	Record	83.3	24-35 m	1239	-
BCG	Record or Recall	98.7	24-35 m	1239	-
BCG	Record or Recall<12m	97.9	24-35 m	1239	-
DTP1	Recall	14.2	24-35 m	1239	-
DTP1	Record	81.9	24-35 m	1239	-
DTP1	Record or Recall	96.1	24-35 m	1239	-
DTP1	Record or Recall<12m	92.3	24-35 m	1239	-
DTP3	Recall	12.8	24-35 m	1239	-
DTP3	Record	80.5	24-35 m	1239	-
DTP3	Record or Recall	93.3	24-35 m	1239	-
DTP3	Record or Recall<12m	85.6	24-35 m	1239	-
HEPB1	Recall	14.2	24-35 m	1239	-
HEPB1	Record	81.9	24-35 m	1239	-
HEPB1	Record or Recall	96.1	24-35 m	1239	-
HEPB1	Record or Recall<12m	92.3	24-35 m	1239	-
HEPB3	Recall	12.8	24-35 m	1239	-
HEPB3	Record	80.5	24-35 m	1239	-
HEPB3	Record or Recall	93.3	24-35 m	1239	-
HEPB3	Record or Recall<12m	85.6	24-35 m	1239	-
HEPBB	Recall	0.6	24-35 m	1239	-
HEPBB	Record	82.8	24-35 m	1239	-
HEPBB	Record or Recall	83.4	24-35 m	1239	-
HEPBB	Record or Recall<12m	83.1	24-35 m	1239	-
HIB1	Recall	14.2	24-35 m	1239	-
HIB1	Record	81.9	24-35 m	1239	-
HIB1	Record or Recall	96.1	24-35 m	1239	-
HIB1	Record or Recall<12m	92.3	24-35 m	1239	-
HIB3	Recall	12.8	24-35 m	1239	-
HIB3	Record	80.5	24-35 m	1239	-

HIB3	Record or Recall	93.3	24-35 m	1239	-
HIB3	Record or Recall<12m	85.6	24-35 m	1239	-
IPV1	Recall	14.2	24-35 m	1239	-
IPV1	Record	83.3	24-35 m	1239	-
IPV1	Record or Recall	97.5	24-35 m	1239	-
IPV1	Record or Recall<12m	95.5	24-35 m	1239	-
MCV1	Recall	14.8	24-35 m	1239	-
MCV1	Record	81.1	24-35 m	1239	-
MCV1	Record or Recall	95.9	24-35 m	1239	-
MCV1	Record or Recall<12m	76.7	24-35 m	1239	-
PCV1	Recall	13.6	24-35 m	1239	-
PCV1	Record	81.5	24-35 m	1239	-
PCV1	Record or Recall	95.1	24-35 m	1239	-
PCV1	Record or Recall<12m	92.6	24-35 m	1239	-
PCV3	Recall	11.8	24-35 m	1239	-
PCV3	Record	80	24-35 m	1239	-
PCV3	Record or Recall	91.9	24-35 m	1239	-
PCV3	Record or Recall<12m	71.3	24-35 m	1239	-
POL1	Recall	15	24-35 m	1239	-
POL1	Record	83.3	24-35 m	1239	-
POL1	Record or Recall	98.3	24-35 m	1239	-
POL1	Record or Recall<12m	95.9	24-35 m	1239	-
POL3	Recall	8.3	24-35 m	1239	-
POL3	Record	82.1	24-35 m	1239	-
POL3	Record or Recall	90.4	24-35 m	1239	-
POL3	Record or Recall<12m	85.9	24-35 m	1239	-
RCV1	Recall	14.8	24-35 m	1239	-
RCV1	Record	81.1	24-35 m	1239	-
RCV1	Record or Recall	95.9	24-35 m	1239	-
RCV1	Record or Recall<12m	76.7	24-35 m	1239	-
ROTAC	Recall	16	24-35 m	1239	-
ROTAC	Record	77.2	24-35 m	1239	-
ROTAC	Record or Recall	93.3	24-35 m	1239	-
ROTAC	Record or Recall<12m	88.8	24-35 m	1239	-

2012 Palestinian Multiple Indicator Cluster Survey, 2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	7.6	12-23 m	1444	84

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BCG	Record	92	12-23 m	1444	84
BCG	Record or Recall	99.6	12-23 m	1444	84
BCG	Record or Recall<12m	98.8	12-23 m	1444	84
DTP1	Recall	8.4	12-23 m	1444	84
DTP1	Record	91.4	12-23 m	1444	84
DTP1	Record or Recall	99.8	12-23 m	1444	84
DTP1	Record or Recall<12m	98.4	12-23 m	1444	84
DTP3	Recall	9.8	12-23 m	1444	84
DTP3	Record	89.4	12-23 m	1444	84
DTP3	Record or Recall	99.3	12-23 m	1444	84
DTP3	Record or Recall<12m	96.9	12-23 m	1444	84
HEPB1	Recall	8.4	12-23 m	1444	84
HEPB1	Record	91.4	12-23 m	1444	84
HEPB1	Record or Recall	99.8	12-23 m	1444	84
HEPB1	Record or Recall<12m	98.4	12-23 m	1444	84
HEPB3	Recall	9.8	12-23 m	1444	84
HEPB3	Record	89.4	12-23 m	1444	84
HEPB3	Record or Recall	99.3	12-23 m	1444	84
HEPB3	Record or Recall<12m	96.9	12-23 m	1444	84
HEPBB	Recall	7.9	12-23 m	1444	84
HEPBB	Record	91.7	12-23 m	1444	84
HEPBB	Record or Recall	99.6	12-23 m	1444	84
HEPBB	Record or Recall<12m	99.1	12-23 m	1444	84
HIB1	Recall	8.4	12-23 m	1444	84
HIB1	Record	91.4	12-23 m	1444	84
HIB1	Record or Recall	99.8	12-23 m	1444	84
HIB1	Record or Recall<12m	98.4	12-23 m	1444	84
HIB3	Recall	9.8	12-23 m	1444	84
HIB3	Record	89.4	12-23 m	1444	84
HIB3	Record or Recall	99.3	12-23 m	1444	84
HIB3	Record or Recall<12m	96.9	12-23 m	1444	84
IPV1	Recall	8.6	12-23 m	1444	84
IPV1	Record	91.1	12-23 m	1444	84
IPV1	Record or Recall	99.8	12-23 m	1444	84
IPV1	Record or Recall<12m	99.4	12-23 m	1444	84
MCV1	Record or Recall<24m	97	24-35 m	1466	-
POL1	Recall	8.4	12-23 m	1444	84
POL1	Record	91.6	12-23 m	1444	84
POL1	Record or Recall	100	12-23 m	1444	84
POL1	Record or Recall<12m	99.2	12-23 m	1444	84

POL3	Recall	9.6	12-23 m	1444	84
POL3	Record	89.3	12-23 m	1444	84
POL3	Record or Recall	99	12-23 m	1444	84
POL3	Record or Recall<12m	97.9	12-23 m	1444	84

2011 Palestinian Multiple Indicator Cluster Survey, 2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	16	24-35 m	1466	-
BCG	Record	83.3	24-35 m	1466	-
BCG	Record or Recall	99.3	24-35 m	1466	-
BCG	Record or Recall<12m	99.1	24-35 m	1466	-
DTP1	Recall	16.5	24-35 m	1466	-
DTP1	Record	83.1	24-35 m	1466	-
DTP1	Record or Recall	99.6	24-35 m	1466	-
DTP1	Record or Recall<12m	98.6	24-35 m	1466	-
DTP3	Recall	16.7	24-35 m	1466	-
DTP3	Record	82.4	24-35 m	1466	-
DTP3	Record or Recall	99	24-35 m	1466	-
DTP3	Record or Recall<12m	97.3	24-35 m	1466	-
HEPB1	Recall	16.5	24-35 m	1466	-
HEPB1	Record	83.1	24-35 m	1466	-
HEPB1	Record or Recall	99.6	24-35 m	1466	-
HEPB1	Record or Recall<12m	98.6	24-35 m	1466	-
HEPB3	Recall	16.7	24-35 m	1466	-
HEPB3	Record	82.4	24-35 m	1466	-
HEPB3	Record or Recall	99	24-35 m	1466	-
HEPB3	Record or Recall<12m	97.3	24-35 m	1466	-
HEPBB	Recall	16	24-35 m	1466	-
HEPBB	Record	83.2	24-35 m	1466	-
HEPBB	Record or Recall	99.2	24-35 m	1466	-
HEPBB	Record or Recall<12m	98.9	24-35 m	1466	-
HIB1	Recall	16.5	24-35 m	1466	-
HIB1	Record	83.1	24-35 m	1466	-
HIB1	Record or Recall	99.6	24-35 m	1466	-
HIB1	Record or Recall<12m	98.6	24-35 m	1466	-
HIB3	Recall	16.7	24-35 m	1466	-
HIB3	Record	82.4	24-35 m	1466	-
HIB3	Record or Recall	99	24-35 m	1466	-

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HIB3	Record or Recall<12m	97.3	24-35 m	1466	-
IPV1	Recall	16	24-35 m	1466	-
IPV1	Record	83.6	24-35 m	1466	-
IPV1	Record or Recall	99.6	24-35 m	1466	-
IPV1	Record or Recall<12m	99.3	24-35 m	1466	-
MCV1	Recall	17.5	24-35 m	1466	-
MCV1	Record	81.6	24-35 m	1466	-
MCV1	Record or Recall	99.1	24-35 m	1466	-
POL1	Recall	16.4	24-35 m	1466	-
POL1	Record	83	24-35 m	1466	-
POL1	Record or Recall	99.4	24-35 m	1466	-
POL1	Record or Recall<12m	99	24-35 m	1466	-
POL3	Recall	16.7	24-35 m	1466	-
POL3	Record	81.9	24-35 m	1466	-
POL3	Record or Recall	98.6	24-35 m	1466	-
POL3	Record or Recall<12m	97.4	24-35 m	1466	-

2009 Palestinian Family Survey 2010

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	16.8	12-23 m	-	83
BCG	Record	81.3	12-23 m	-	83
BCG	Record or Recall	98.2	12-23 m	2107	83
BCG	Record or Recall<12m	97.7	12-23 m	437	83
DTP1	Recall	16.6	12-23 m	-	83
DTP1	Record	80.5	12-23 m	-	83
DTP1	Record or Recall	97	12-23 m	2107	83
DTP1	Record or Recall<12m	95.3	12-23 m	437	83
DTP3	Recall	13.7	12-23 m	-	83
DTP3	Record	78.2	12-23 m	-	83
DTP3	Record or Recall	91.9	12-23 m	2107	83
DTP3	Record or Recall<12m	90.6	12-23 m	437	83
HEPB1	Recall	16.1	12-23 m	-	83
HEPB1	Record	82.2	12-23 m	-	83
HEPB1	Record or Recall	98.3	12-23 m	2107	83
HEPB1	Record or Recall<12m	98.2	12-23 m	437	83
HEPB3	Recall	13.1	12-23 m	-	83
HEPB3	Record	79.8	12-23 m	-	83
HEPB3	Record or Recall	92.8	12-23 m	2107	83

HEPB3	Record or Recall<12m	91.9	12-23 m	437	83
MCV1	Recall	14.9	12-23 m	-	83
MCV1	Record	78.3	12-23 m	-	83
MCV1	Record or Recall	93.2	12-23 m	2107	83
MCV1	Record or Recall<12m	87.9	12-23 m	437	83
POL1	Recall	17.1	12-23 m	-	83
POL1	Record	81	12-23 m	-	83
POL1	Record or Recall	98.1	12-23 m	2107	83
POL1	Record or Recall<12m	96.2	12-23 m	437	83
POL3	Recall	11.9	12-23 m	-	83
POL3	Record	79	12-23 m	-	83
POL3	Record or Recall	90.9	12-23 m	2107	83
POL3	Record or Recall<12m	89.6	12-23 m	437	83

2005 Palestinian Family Health Survey 2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record	99.1	12-23 m	1894	-
DTP3	Record	98.7	12-23 m	1894	-
MCV1	Record	96.7	12-23 m	1894	-
POL3	Record	98.9	12-23 m	1894	-

2003 Palestinian National Authority Demographic and Health Survey 2004

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record or Recall	95.2	12-23 m	4839	86
DTP1	Record or Recall	97.8	12-23 m	4839	86
DTP3	Record or Recall	97.8	12-23 m	4839	86
MCV1	Record or Recall	95.2	12-23 m	4839	86
POL1	Record or Recall	99.5	12-23 m	4839	86
POL3	Record or Recall	99.5	12-23 m	4839	86

1999 Palestine Health Survey 2000

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record or Recall	74.7	12-23 m	-	87
DTP1	Record or Recall	98.2	12-23 m	-	87

DTP3	Record or Recall	88.5	12-23 m	-	87	POL3	Record or Recall	96.8	12-23 m	-	87
MCV1	Record or Recall	92.9	12-23 m	-	87						
POL1	Record or Recall	99.7	12-23 m	-	87						

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