

**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 Guerin vaccine.

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

**POL3:** percentage of surviving infants who received the 3rd dose of polio containing vaccine. May be either oral or inactivated polio vaccine.

**IPV1:** percentage of surviving infants who received at least one dose of inactivated polio vaccine. In countries utilizing an immunization schedule recommending either (i) a primary series of three doses of oral polio vaccine (OPV) plus at least one dose of IPV where OPV is included in routine immunization and/or campaign or (ii) a sequential schedule of IPV followed by OPV, WHO and UNICEF estimates for IPV1 reflect coverage with at least one routine dose of IPV among infants < 1 year of age. 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.

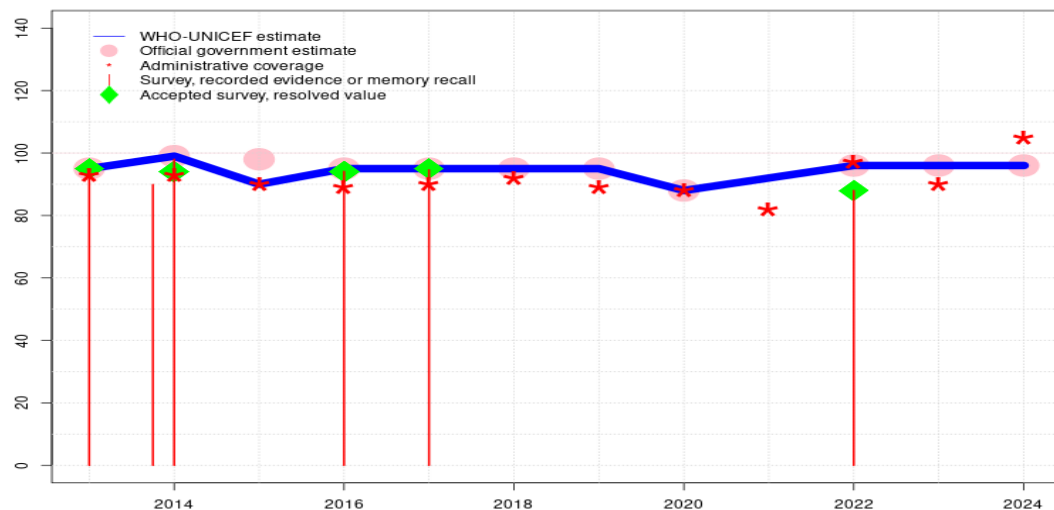
**YFV:** percentage of surviving infants who received one dose of yellow fever vaccine in countries where YFV is part of the national immunization schedule for children or is recommended in at risk areas; coverage estimates are annualized for the entire cohort of surviving infants.

**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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# Zimbabwe - BCG

ZWE - BCG



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	95	99	90	95	95	95	95	88	92	96	96	96
Estimate GoC	●●●	●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●
Official	95	99	98	95	95	95	95	88	-	96	96	96
Administrative	93	93	90	89	90	92	89	88	82	97	90	105
Survey	95	*	-	94	95	-	-	-	-	88	-	-

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.

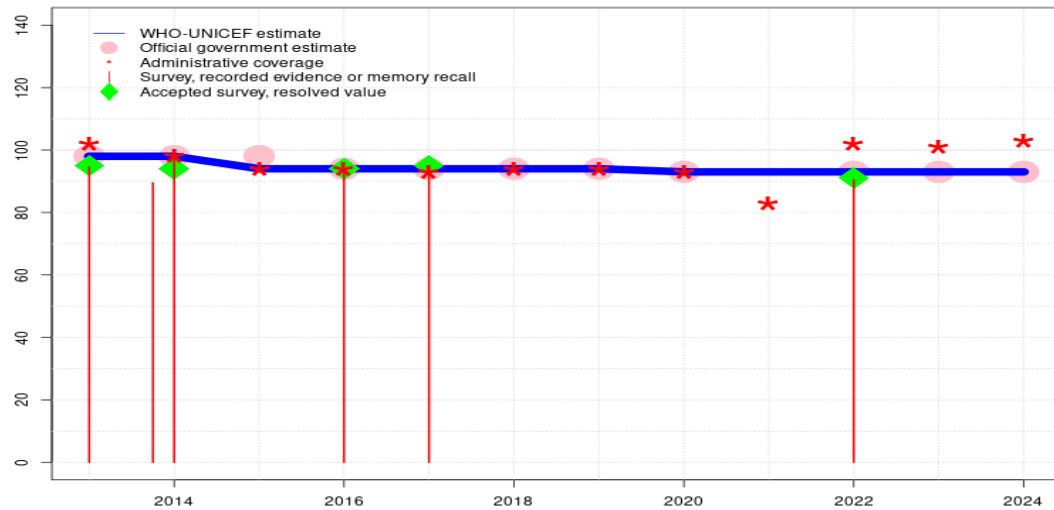
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

## Description:

- 2024: Estimate informed by reported data. GoC=R+ S+ D+
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey.Survey evidence of 88 percent based on 1 survey(s). Programme reports a change in reported target population source as well as evidence of more doses administered in 2022 than in 2019. GoC=R+ S+ D+
- 2021: Estimate informed by interpolation between reported data. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020. Estimate of 92 percent changed from previous revision value of 88 percent. GoC=R+ S+ D+
- 2020: Estimate informed by reported data. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 95 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 94 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2015: Estimate informed by reported administrative data. Programme reports one month vaccine stockout at national level. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. GoC=R+ S+ D+
- 2014: Estimate informed by reported data supported by survey.Survey evidence of 94 percent based on 2 survey(s). Estimate challenged by: D-
- 2013: Estimate informed by reported data supported by survey.Survey evidence of 95 percent based on 1 survey(s). GoC=R+ S+ D+

# Zimbabwe - DTP1

ZWE - DTP1



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	98	98	94	94	94	94	94	93	93	93	93	93
Estimate GoC	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●
Official	98	98	98	94	94	94	94	93	-	93	93	93
Administrative	102	98	94	94	93	94	94	93	83	102	101	103
Survey	95	*	-	94	95	-	-	-	-	91	-	-

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- 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.

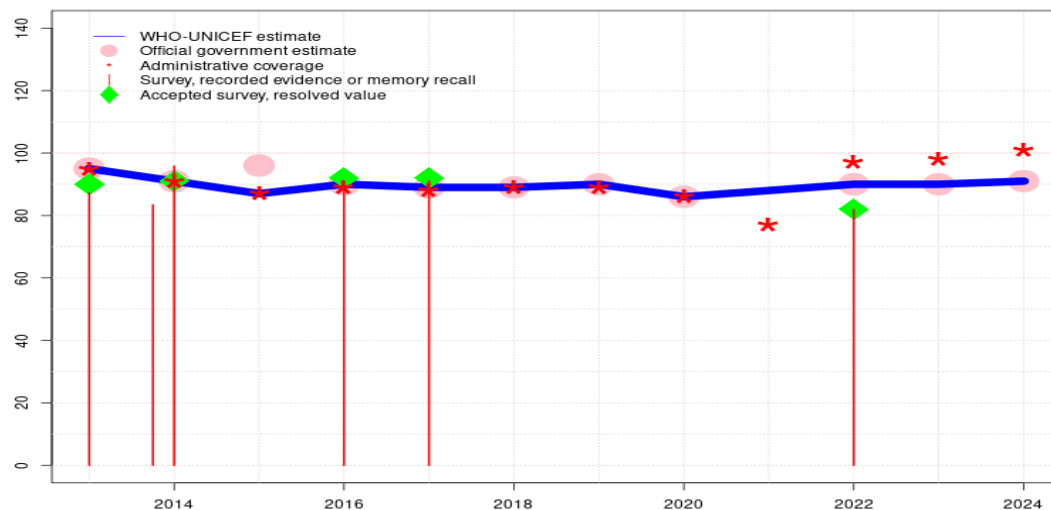
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

## Description:

- 2024: Estimate informed by reported data. GoC=R+ S+ D+
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey.Survey evidence of 91 percent based on 1 survey(s). GoC=R+ S+ D+
- 2021: Estimate informed by interpolation between reported data. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020. GoC=R+ S+ D+
- 2020: Estimate informed by reported data. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 95 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 94 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2015: Estimate informed by reported administrative data. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. GoC=R+ S+ D+
- 2014: Estimate informed by reported data supported by survey.Survey evidence of 94 percent based on 2 survey(s). GoC=R+ S+ D+
- 2013: Estimate informed by reported data supported by survey.Survey evidence of 95 percent based on 1 survey(s). GoC=R+ S+ D+

# Zimbabwe - DTP3

ZWE - DTP3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	95	91	87	90	89	89	90	86	88	90	90	91
Estimate GoC	•	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••
Official	95	91	96	90	89	89	90	86	-	90	90	91
Administrative	95	91	87	89	88	89	89	86	77	97	98	101
Survey	87	*	-	90	91	-	-	-	-	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:

- 2024: Estimate informed by reported data. GoC=R+ S+ D+
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey.Survey evidence of 82 percent based on 1 survey(s). Recall-bias adjustment based on recall among children with cards not possible to calculate from the DHS Key Indicators report. Survey coverage estimate corrected for recall bias based on the difference between DTP1 and DTP3 in admin data applied to survey results by card or recall. Corrected survey coverage is 87 percent. Programme reports a change in reported target population source as well as evidence of more doses administered in 2022 than in 2019. GoC=R+ S+ D+
- 2021: Estimate informed by interpolation between reported data. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020. GoC=R+ S+ D+
- 2020: Estimate informed by reported data. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 92 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2019 record or recall results of 91 percent modified for recall bias to 92 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 86 percent and 3rd dose record only coverage of 83 percent. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 92 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2019 record or recall results of 90 percent modified for recall bias to 92 percent based on 1st dose record or recall coverage of 94 percent, 1st dose record only coverage of 79 percent and 3rd dose record only coverage of 77 percent. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2015: Estimate informed by reported administrative data. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. GoC=R+ S+ D+
- 2014: Estimate informed by reported data supported by survey.Survey evidence of 91 percent based on 2 survey(s). Report on Evaluation of Coverage Achieved during Zimbabwe Measles/Rubella and Vitamin A Catch up Campaign Combined with Assessment of Routine Immunization, 2015 record or recall results of 96 percent modified for recall bias to 95 percent based on 1st dose record or recall coverage of 98 percent, 1st dose record only coverage of 87 percent and 3rd dose record only coverage of 84 percent.Zimbabwe Demographic and Health Survey 2015 record or recall results of 83 percent modified for recall bias to 87 percent based on 1st dose record or recall coverage of 90 percent, 1st dose record only coverage of 78 percent and 3rd dose record only coverage of 75 percent.

# Zimbabwe - DTP3

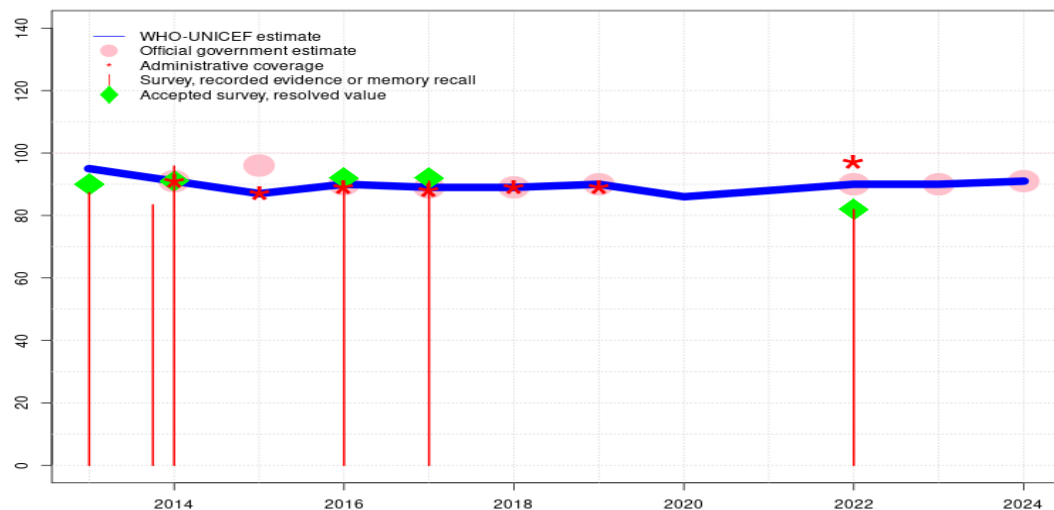
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GoC=R+ S+ D+

2013: Estimate informed by reported data supported by survey. Survey evidence of 90 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2014 record or recall results of 87 percent modified for recall bias to 90 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 80 percent and 3rd dose record only coverage of 76 percent. Estimate challenged by: D-

# Zimbabwe - HEPB3

ZWE - HEPB3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	95	91	87	90	89	89	90	86	88	90	90	91
Estimate GoC	••	•••	•••	•••	•••	•••	•••	••	••	•••	••	••
Official	-	91	96	90	89	89	90	-	-	90	90	91
Administrative	-	91	87	89	88	89	89	-	-	97	-	-
Survey	87	*	-	90	91	-	-	-	-	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.
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## Description:

- 2024: Estimate informed by reported data. GoC=R+ S+
- 2023: Estimate informed by reported data. GoC=R+ S+
- 2022: Estimate informed by reported data supported by survey.Survey evidence of 82 percent based on 1 survey(s). Recall-bias adjustment based on recall among children with cards not possible to calculate from the DHS Key Indicators report. Survey coverage estimate corrected for recall bias based on the difference between HEPB1 and HEPB3 in admin data applied to survey results by card or recall. Corrected survey coverage is 87 percent. GoC=R+ S+ D+
- 2021: Estimate informed by prior year estimated coverage. GoC=S+
- 2020: Estimate informed by estimated DTP3 coverage. GoC=S+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 92 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2019 record or recall results of 91 percent modified for recall bias to 92 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 86 percent and 3rd dose record only coverage of 83 percent. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 92 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2019 record or recall results of 90 percent modified for recall bias to 92 percent based on 1st dose record or recall coverage of 94 percent, 1st dose record only coverage of 79 percent and 3rd dose record only coverage of 77 percent. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2015: Estimate informed by reported administrative data. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. GoC=R+ S+ D+
- 2014: Estimate informed by reported data supported by survey.Survey evidence of 91 percent based on 2 survey(s). Report on Evaluation of Coverage Achieved during Zimbabwe Measles/Rubella and Vitamin A Catch up Campaign Combined with Assessment of Routine Immunization, 2015 record or recall results of 96 percent modified for recall bias to 95 percent based on 1st dose record or recall coverage of 98 percent, 1st dose record only coverage of 87 percent and 3rd dose record only coverage of 84 percent.Zimbabwe Demographic and Health Survey 2015 record or recall results of 83 percent modified for recall bias to 87 percent based on 1st dose record or recall coverage of 90 percent, 1st dose record only coverage of 78 percent and 3rd dose record only coverage of 75 percent. GoC=R+ S+ D+
- 2013: Estimate of 95 percent assigned by working group. Estimate informed by estimated DTP3 coverage. Zimbabwe Multiple Indicator Cluster Survey 2014 record or recall results of 87 percent modified for recall bias to 90 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 80 percent and 3rd dose record only

# Zimbabwe - HEPB3

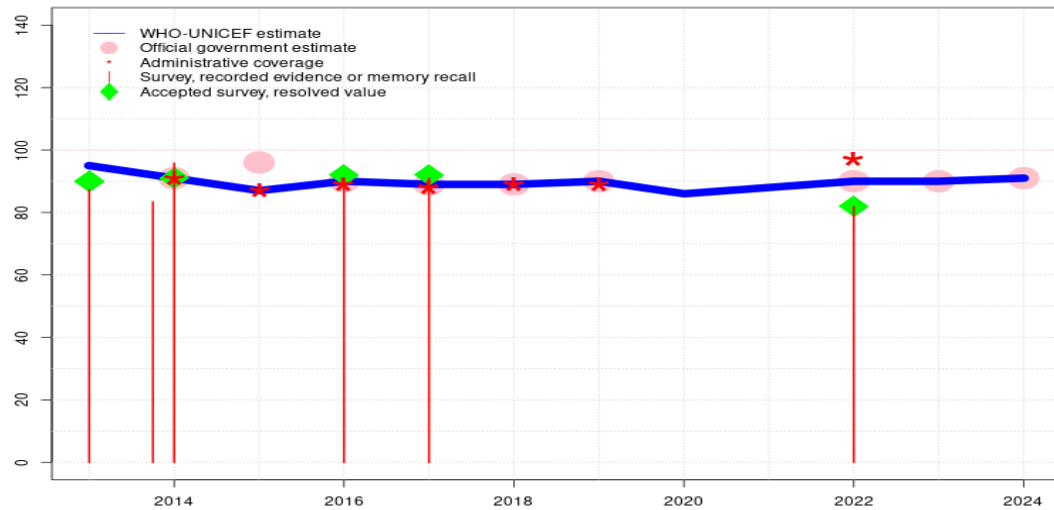
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coverage of 76 percent. GoC=S+



# Zimbabwe - HIB3

ZWE - HIB3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	95	91	87	90	89	89	90	86	88	90	90	91
Estimate GoC	••	•••	•••	•••	•••	•••	•••	••	••	•••	••	••
Official	-	91	96	90	89	89	90	-	-	90	90	91
Administrative	-	91	87	89	88	89	89	-	-	97	-	-
Survey	87	*	-	90	91	-	-	-	-	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.

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- 2023: Estimate informed by reported data. GoC=R+ S+
- 2022: Estimate informed by reported data supported by survey.Survey evidence of 82 percent based on 1 survey(s). Recall-bias adjustment based on recall among children with cards not possible to calculate from the DHS Key Indicators report. Survey coverage estimate corrected for recall bias based on the difference between HIB1 and HIB3 in admin data applied to survey results by card or recall. Corrected survey coverage is 87 percent. GoC=R+ S+ D+
- 2021: Estimate informed by prior year estimated coverage. GoC=S+
- 2020: Estimate informed by estimated DTP3 coverage. GoC=S+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
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- 2016: Estimate informed by reported data supported by survey.Survey evidence of 92 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2019 record or recall results of 90 percent modified for recall bias to 92 percent based on 1st dose record or recall coverage of 94 percent, 1st dose record only coverage of 79 percent and 3rd dose record only coverage of 77 percent. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2015: Estimate informed by reported administrative data. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. GoC=R+ S+ D+
- 2014: Estimate informed by reported data supported by survey.Survey evidence of 91 percent based on 2 survey(s). Report on Evaluation of Coverage Achieved during Zimbabwe Measles/Rubella and Vitamin A Catch up Campaign Combined with Assessment of Routine Immunization, 2015 record or recall results of 96 percent modified for recall bias to 95 percent based on 1st dose record or recall coverage of 98 percent, 1st dose record only coverage of 87 percent and 3rd dose record only coverage of 84 percent.Zimbabwe Demographic and Health Survey 2015 record or recall results of 83 percent modified for recall bias to 87 percent based on 1st dose record or recall coverage of 90 percent, 1st dose record only coverage of 78 percent and 3rd dose record only coverage of 75 percent. GoC=R+ S+ D+
- 2013: Estimate of 95 percent assigned by working group. Estimate informed by estimated coverage for DTP3. Zimbabwe Multiple Indicator Cluster Survey 2014 record or recall results of 87 percent modified for recall bias to 90 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 80 percent and 3rd dose record

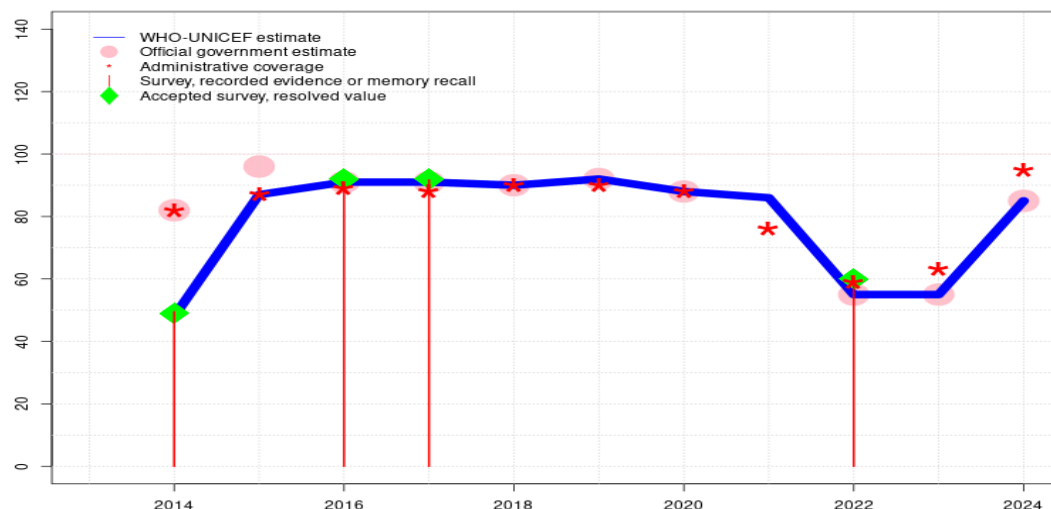
# Zimbabwe - HIB3

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only coverage of 76 percent. GoC=S+

# Zimbabwe - ROTAC

ZWE - ROTAC



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	48	87	91	91	90	92	88	86	55	55	85
Estimate GoC	-	•	•	•	•••	•••	•••	•	•••	•••	•••	•
Official	-	82	96	91	91	90	92	88	-	55	55	85
Administrative	-	82	87	89	88	90	90	88	76	59	63	95
Survey	-	50	-	91	92	-	-	-	-	60	-	-

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.

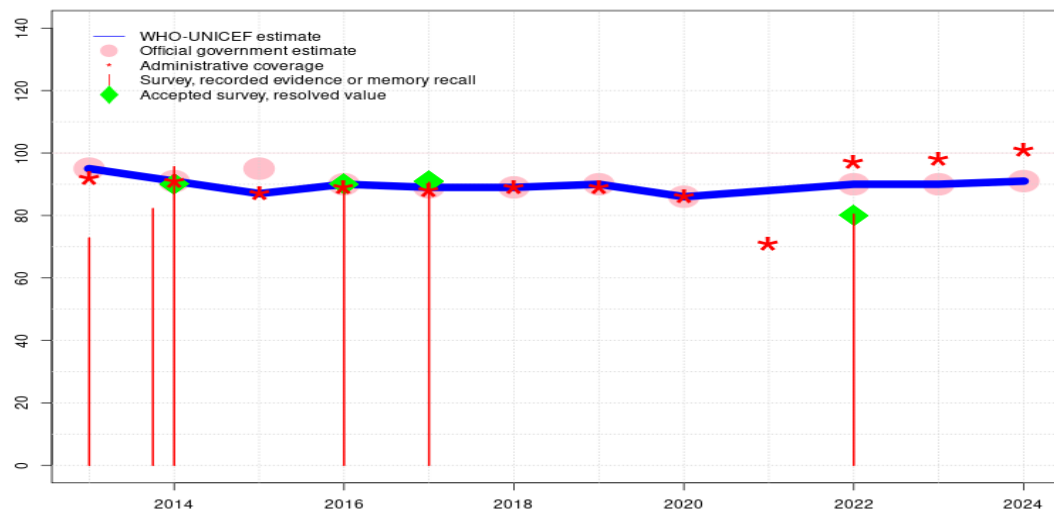
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

## Description:

- 2024: Estimate informed by reported data. Programme recovered from stockout. Estimate challenged by: S-
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey. Survey evidence of 60 percent based on 1 survey(s). Programme reports an eight month vaccine stockout at national and subnational levels. GoC=R+ S+ D+
- 2021: Estimate reflects relative change in reported doses administered from 2020 to 2021 applied to estimated coverage for 2020. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020. Programme reports a two-month vaccine stockout. GoC=Assigned by working group. No empirical data accepted for 2021.
- 2020: Estimate informed by reported data. Estimate challenged by: S-
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 92 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey. Survey evidence of 92 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2019 record or recall results of 91 percent modified for recall bias to 92 percent based on 1st dose record or recall coverage of 93 percent, 1st dose record only coverage of 78 percent and 3rd dose record only coverage of 77 percent. Reported official coverage estimates are based on the 2015 coverage survey. Estimate challenged by: S-
- 2015: Estimate informed by administrative reported coverage following introduction in 2014. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. Estimate challenged by: S-
- 2014: Rotavirus vaccine introduced in 2014. Reported coverage of 82 percent achieved in 67 percent of the target population. Estimate informed by coverage among the national target population. Zimbabwe Demographic and Health Survey 2015 record or recall results of 50 percent modified for recall bias to 49 percent based on 1st dose record or recall coverage of 55 percent, 1st dose record only coverage of 47 percent and 3rd dose record only coverage of 42 percent. Estimate challenged by: R-S-

# Zimbabwe - PCV3

ZWE - PCV3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	95	91	87	90	89	89	90	86	88	90	90	91
Estimate GoC	•	•••	•••	•••	•••	•••	•••	•••	•	•••	•••	•
Official	95	91	95	90	89	89	90	86	-	90	90	91
Administrative	92	91	87	89	88	89	89	86	71	97	98	101
Survey	73	*	-	90	91	-	-	-	-	80	-	-

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.

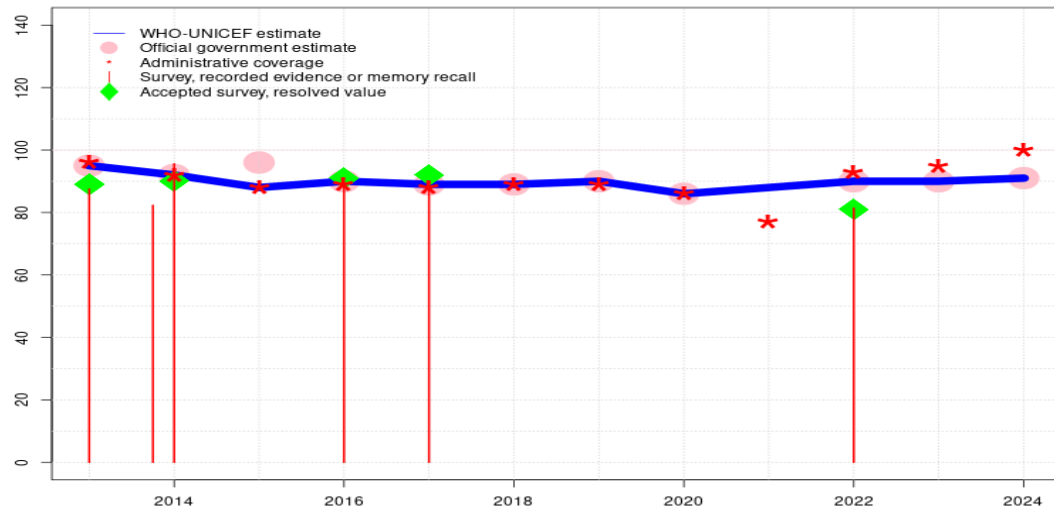
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

## Description:

- 2024: Estimate informed by reported data. Estimate challenged by: S-
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey.Survey evidence of 80 percent based on 1 survey(s). GoC=R+ S+ D+
- 2021: Estimate informed by interpolation between reported data. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020.Reported data excluded due to decline in reported coverage from 86 percent to 71 percent with increase to 90 percent. GoC=Assigned by working group. No empirical data accepted for 2021.
- 2020: Estimate informed by reported data. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 91 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 90 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2015: Estimate informed by reported administrative data. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. GoC=R+ S+ D+
- 2014: Estimate informed by reported data supported by survey.Survey evidence of 90 percent based on 2 survey(s). Report on Evaluation of Coverage Achieved during Zimbabwe Measles/Rubella and Vitamin A Catch up Campaign Combined with Assessment of Routine Immunization, 2015 record or recall results of 96 percent modified for recall bias to 95 percent based on 1st dose record or recall coverage of 97 percent, 1st dose record only coverage of 86 percent and 3rd dose record only coverage of 84 percent.Zimbabwe Demographic and Health Survey 2015 record or recall results of 82 percent modified for recall bias to 85 percent based on 1st dose record or recall coverage of 88 percent, 1st dose record only coverage of 77 percent and 3rd dose record only coverage of 74 percent. GoC=R+ S+ D+
- 2013: Estimate informed by reported data. Zimbabwe Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results likely reflect introduction period. Zimbabwe Multiple Indicator Cluster Survey 2014 record or recall results of 73 percent modified for recall bias to 74 percent based on 1st dose record or recall coverage of 80 percent, 1st dose record only coverage of 68 percent and 3rd dose record only coverage of 63 percent. Estimate challenged by: D-

# Zimbabwe - POL3

ZWE - POL3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	95	92	88	90	89	89	90	86	88	90	90	91
Estimate GoC	•	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••
Official	95	92	96	90	89	89	90	86	-	90	90	91
Administrative	96	92	88	89	88	89	89	86	77	93	95	100
Survey	88	*	-	89	90	-	-	-	-	81	-	-

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:

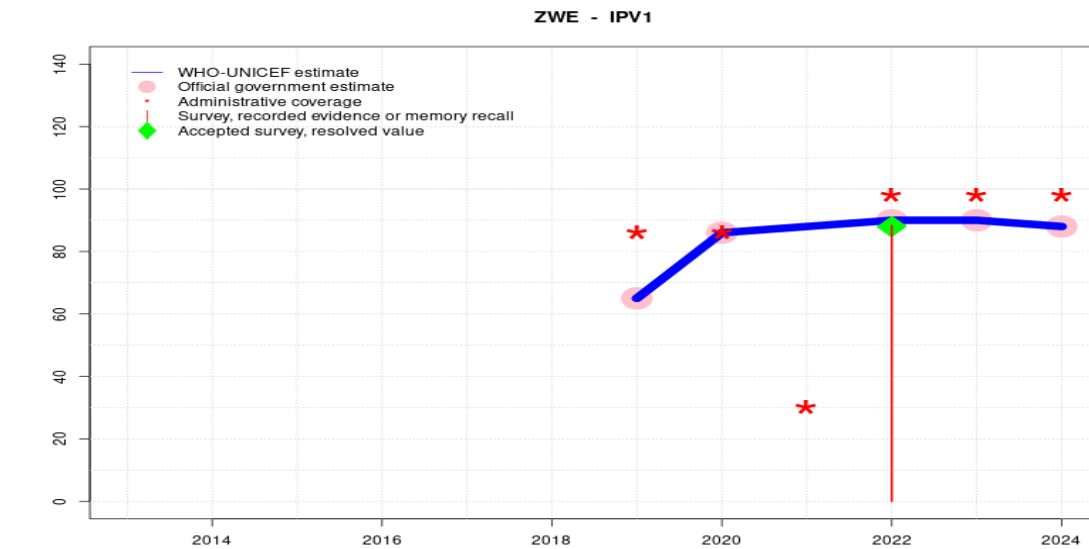
- 2024: Estimate informed by reported data. GoC=R+ S+ D+
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey.Survey evidence of 81 percent based on 1 survey(s). GoC=R+ S+ D+
- 2021: Estimate informed by interpolation between reported data. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020. GoC=R+ S+ D+
- 2020: Estimate informed by reported data. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. Programme reports less than one month vaccine stockout at national level. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 92 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2019 record or recall results of 90 percent modified for recall bias to 92 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 86 percent and 3rd dose record only coverage of 83 percent. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 91 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2019 record or recall results of 89 percent modified for recall bias to 91 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 79 percent and 3rd dose record only coverage of 76 percent. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2015: Estimate informed by reported administrative data. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. GoC=R+ S+ D+
- 2014: Estimate informed by reported data supported by survey.Survey evidence of 90 percent based on 2 survey(s). Report on Evaluation of Coverage Achieved during Zimbabwe Measles/Rubella and Vitamin A Catch up Campaign Combined with Assessment of Routine Immunization, 2015 record or recall results of 96 percent modified for recall bias to 95 percent based on 1st dose record or recall coverage of 97 percent, 1st dose record only coverage of 86 percent and 3rd dose record only coverage of 84 percent.Zimbabwe Demographic and Health Survey 2015 record or recall results of 82 percent modified for recall bias to 84 percent based on 1st dose record or recall coverage of 90 percent, 1st dose record only coverage of 78 percent and 3rd dose record only coverage of 73 percent. GoC=R+ S+ D+
- 2013: Estimate informed by reported data supported by survey.Survey evidence of 89 percent based on 1 survey(s). Zimbabwe Multiple Indicator Cluster Survey 2014 record or recall results of 88 percent modified for recall bias to 89 percent based on 1st dose record or

# Zimbabwe - POL3

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recall coverage of 95 percent, 1st dose record only coverage of 81 percent and 3rd dose record only coverage of 76 percent. Estimate challenged by: D-

# Zimbabwe - IPV1



## Description:

- 2024: Estimate informed by reported data. GoC=R+ S+ D+
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey. Survey evidence of 88 percent based on 1 survey(s). GoC=R+ S+ D+
- 2021: Estimate informed by interpolation between reported data. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020. Reported data excluded due to decline in reported coverage from 86 percent to 30 percent with increase to 90 percent. Large decline in administrative coverage in 2021 is unexplained. Estimate challenged by: D-
- 2020: Estimate informed by reported data. Inactivated polio virus vaccine fully introduced at national level in 2020. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. Inactivated polio virus vaccine introduced in April 2019. IPV is administered as a full dose recommended at 14 weeks of age. Programme reports 86 percent administrative coverage achieved in 75 percent of the target population. GoC=R+ D+

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	-	-	-	65	86	88	90	90	88
Estimate GoC	-	-	-	-	-	-	●●	●●●	●	●●●	●●●	●●●
Official	-	-	-	-	-	-	65	86	-	90	90	88
Administrative	-	-	-	-	-	-	86	86	30	98	98	98
Survey	-	-	-	-	-	-	-	-	-	88	-	-

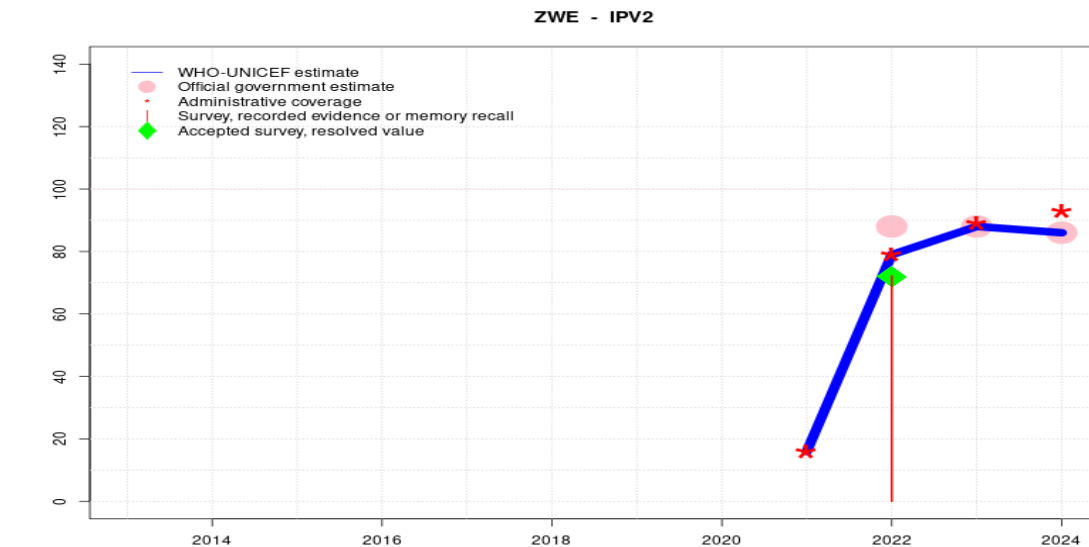
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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



# Zimbabwe - IPV2



## Description:

- 2024: Estimate informed by reported data. Estimate challenged by: S-
- 2023: Estimate informed by reported data. Estimate challenged by: S-
- 2022: Estimate informed by reported administrative data supported by survey. Survey evidence of 72 percent based on 1 survey(s). Official estimate for IPV2 inconsistent with the correction for other antigens. Estimate of 79 percent changed from previous revision value of 88 percent. GoC=R+ S+ D+
- 2021: Estimate is exceptionally based on reported administrative coverage during introduction. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020. Second dose of inactivated polio vaccine introduced in 2021. Estimate challenged by: R-S-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	-	-	-	-	-	16	79	88	86
Estimate GoC	-	-	-	-	-	-	-	-	●	●●●	●	●
Official	-	-	-	-	-	-	-	-	-	88	88	86
Administrative	-	-	-	-	-	-	-	-	16	79	89	93
Survey	-	-	-	-	-	-	-	-	-	72	-	-

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.

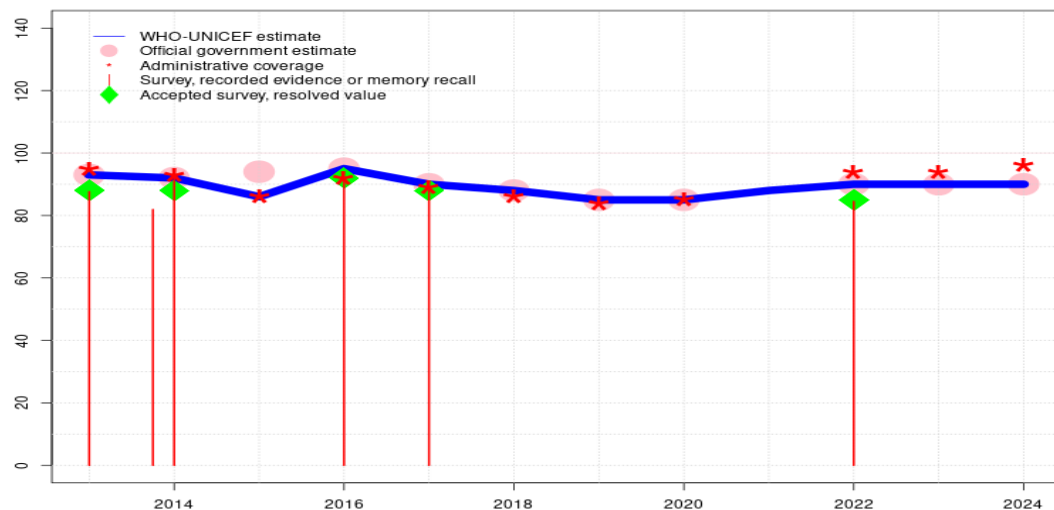
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2024 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk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



# Zimbabwe - MCV1

ZWE - MCV1



## Description:

- 2024: Estimate informed by reported data. GoC=R+ S+ D+
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey.Survey evidence of 85 percent based on 1 survey(s). GoC=R+ S+ D+
- 2021: Estimate informed by interpolation between reported data. GoC=S+
- 2020: Estimate informed by reported data. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. Programme reports less than one month vaccine stockout at national level. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. Programme reported two months vaccine stockout at the national level. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 88 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 92 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+
- 2015: Estimate informed by reported administrative data. Reported official coverage estimates are based on the 2015 coverage survey. Reported number of children vaccinated has declined across the most recent four year period. GoC=R+ S+ D+
- 2014: Estimate informed by reported data supported by survey.Survey evidence of 88 percent based on 2 survey(s). GoC=R+ S+ D+
- 2013: Estimate informed by reported data supported by survey.Survey evidence of 88 percent based on 1 survey(s). Estimate challenged by: D-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	93	92	86	95	90	88	85	85	88	90	90	90
Estimate GoC	•	•••	•••	•••	•••	•••	•••	•••	••	•••	•••	•••
Official	93	92	94	95	90	88	85	85	-	90	90	90
Administrative	95	93	86	92	89	86	84	85	-	94	94	96
Survey	88	*	-	92	88	-	-	-	-	85	-	-

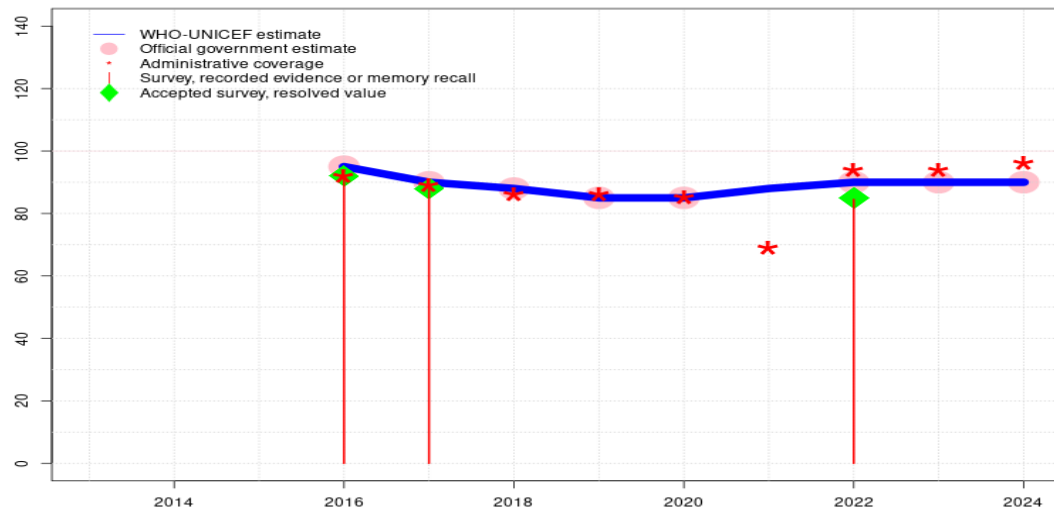
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

# Zimbabwe - RCV1

ZWE - RCV1



## Description:

2024: Estimate based on estimated MCV1. GoC=R+ S+ D+  
 2023: Estimate based on estimated MCV1. GoC=R+ S+ D+  
 2022: Estimate based on estimated MCV1. GoC=R+ S+ D+  
 2021: Estimate based on estimated MCV1. Reported data excluded. Decline in reported administrative coverage is largely due to an unexplained increase in target population of 14 percent between 2020 and 2021. The reported number of doses administered increased for some vaccine-doses in 2021 compared to 2020. Reported data excluded due to decline in reported coverage from 85 percent to 69 percent with increase to 90 percent. GoC=S+  
 2020: Estimate based on estimated MCV1. 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. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+  
 2016: Estimate based on estimated MCV1. Rubella containing vaccine introduced in October 2015. Reported official coverage estimates are based on the 2015 coverage survey. GoC=R+ S+ D+

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	95	90	88	85	85	88	90	90	90
Estimate GoC	-	-	-	●●●	●●●	●●●	●●●	●●●	●●	●●●	●●●	●●●
Official	-	-	-	95	90	88	85	85	-	90	90	90
Administrative	-	-	-	92	89	86	86	85	69	94	94	96
Survey	-	-	-	92	88	-	-	-	-	85	-	-

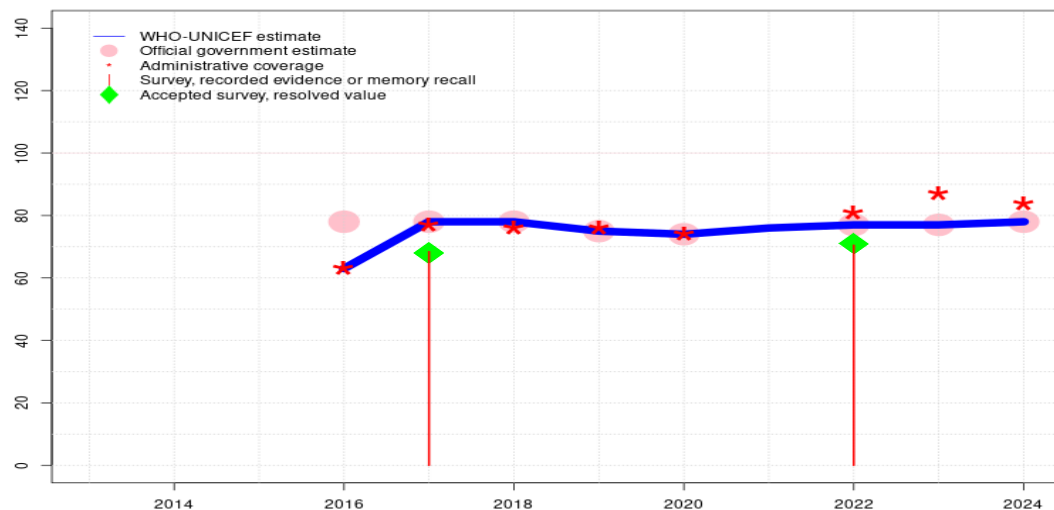
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

# Zimbabwe - MCV2

ZWE - MCV2



## Description:

- 2024: Estimate informed by reported data. GoC=R+ S+ D+
- 2023: Estimate informed by reported data. GoC=R+ S+ D+
- 2022: Estimate informed by reported data supported by survey. Survey evidence of 71 percent based on 1 survey(s). GoC=R+ S+ D+
- 2021: Estimate informed by interpolation between reported data. GoC=S+
- 2020: Estimate informed by reported data. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. GoC=R+ S+ D+
- 2018: Estimate informed by reported data. Programme reported two months vaccine stockout at the national level. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 68 percent based on 1 survey(s). Reported official coverage estimates are based on the 2015 coverage survey. Estimate based on reported coverage. GoC=R+ S+ D+
- 2016: Estimate informed by reported administrative data. Reported official coverage estimates are based on the 2015 coverage survey. Second dose of measles containing vaccine introduced in October 2015. Reporting started in 2016. GoC=R+ S+ D+

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	63	78	78	75	74	76	77	77	78
Estimate GoC	-	-	-	●●●	●●●	●●●	●●●	●●●	●●	●●●	●●●	●●●
Official	-	-	-	78	78	78	75	74	-	77	77	78
Administrative	-	-	-	63	77	76	76	74	-	81	87	84
Survey	-	-	-	-	68	-	-	-	-	71	-	-

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.

# Zimbabwe - 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.

## 2022 Zimbabwe Demographic and Health Survey (Key Indicators Report) 2023-2024

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record or Recall	88	12-23 m	1040	79
DTP1	Record or Recall	90.5	12-23 m	1040	79
DTP3	Record or Recall	81.9	12-23 m	1040	79
HEPB1	Record or Recall	90.5	12-23 m	1040	79
HEPB3	Record or Recall	81.9	12-23 m	1040	79
HIB1	Record or Recall	90.5	12-23 m	1040	79
HIB3	Record or Recall	81.9	12-23 m	1040	79
IPV1	Record or Recall	88.3	12-23 m	1040	79
IPV2	Record or Recall	72.2	12-23 m	1040	79
MCV1	Record or Recall	84.5	12-23 m	1040	79
MCV2	Record or Recall	70.5	24-35 m	1090	65
PCV1	Record or Recall	89.5	12-23 m	1040	79
PCV3	Record or Recall	80.4	12-23 m	1040	79
POL1	Record or Recall	91.7	12-23 m	1040	79
POL3	Record or Recall	81.4	12-23 m	1040	79
RCV1	Record or Recall	84.5	12-23 m	1040	79
ROTAC	Record or Recall	60.4	12-23 m	1040	79

## 2017 Zimbabwe Multiple Indicator Cluster Survey 2019

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	9	12-23 m	1157	86
BCG	Record	85.6	12-23 m	1157	86
BCG	Record or Recall	94.6	12-23 m	1157	86
BCG	Record or Recall<12m	94.5	12-23 m	1157	86
DTP1	Recall	8.6	12-23 m	1157	86
DTP1	Record	85.9	12-23 m	1157	86
DTP1	Record or Recall	94.5	12-23 m	1157	86
DTP1	Record or Recall<12m	94.4	12-23 m	1157	86
DTP3	Recall	7.6	12-23 m	1157	86
DTP3	Record	83.4	12-23 m	1157	86
DTP3	Record or Recall	91	12-23 m	1157	86
DTP3	Record or Recall<12m	90.3	12-23 m	1157	86
HEPB1	Recall	8.6	12-23 m	1157	86
HEPB1	Record	85.9	12-23 m	1157	86
HEPB1	Record or Recall	94.5	12-23 m	1157	86
HEPB1	Record or Recall<12m	94.4	12-23 m	1157	86
HEPB3	Recall	7.6	12-23 m	1157	86
HEPB3	Record	83.4	12-23 m	1157	86
HEPB3	Record or Recall	91	12-23 m	1157	86
HEPB3	Record or Recall<12m	90.3	12-23 m	1157	86
HIB1	Recall	8.6	12-23 m	1157	86
HIB1	Record	85.9	12-23 m	1157	86
HIB1	Record or Recall	94.5	12-23 m	1157	86
HIB1	Record or Recall<12m	94.4	12-23 m	1157	86
HIB3	Recall	7.6	12-23 m	1157	86
HIB3	Record	83.4	12-23 m	1157	86
HIB3	Record or Recall	91	12-23 m	1157	86
HIB3	Record or Recall<12m	90.3	12-23 m	1157	86
MCV1	Recall	7.8	12-23 m	1157	86
MCV1	Record	80.1	12-23 m	1157	86
MCV1	Record or Recall	87.9	12-23 m	1157	86
MCV1	Record or Recall<12m	84.9	12-23 m	1157	86
MCV2	Recall	10.6	24-35 m	1256	-
MCV2	Record	57.8	24-35 m	1256	-
MCV2	Record or Recall	68.4	24-35 m	1256	-
MCV2	Record or Recall<12m	67.5	24-35 m	1256	-
PCV1	Recall	8.1	12-23 m	1157	86

# Zimbabwe - Survey Details

PCV1	Record	85.8	12-23 m	1157	86	HEPB1	Recall	15.5	24-35 m	1256	-
PCV1	Record or Recall	93.9	12-23 m	1157	86	HEPB1	Record	78.8	24-35 m	1256	-
PCV1	Record or Recall<12m	93.8	12-23 m	1157	86	HEPB1	Record or Recall	94.3	24-35 m	1256	-
PCV3	Recall	7.3	12-23 m	1157	86	HEPB1	Record or Recall<12m	93.7	24-35 m	1256	-
PCV3	Record	83.3	12-23 m	1157	86	HEPB3	Recall	13.7	24-35 m	1256	-
PCV3	Record or Recall	90.6	12-23 m	1157	86	HEPB3	Record	76.6	24-35 m	1256	-
PCV3	Record or Recall<12m	89.8	12-23 m	1157	86	HEPB3	Record or Recall	90.3	24-35 m	1256	-
POL1	Recall	8.8	12-23 m	1157	86	HEPB3	Record or Recall<12m	88.4	24-35 m	1256	-
POL1	Record	85.9	12-23 m	1157	86	HIB1	Recall	15.5	24-35 m	1256	-
POL1	Record or Recall	94.7	12-23 m	1157	86	HIB1	Record	78.8	24-35 m	1256	-
POL1	Record or Recall<12m	94.6	12-23 m	1157	86	HIB1	Record or Recall	94.3	24-35 m	1256	-
POL3	Recall	7	12-23 m	1157	86	HIB1	Record or Recall<12m	93.7	24-35 m	1256	-
POL3	Record	82.9	12-23 m	1157	86	HIB3	Recall	13.7	24-35 m	1256	-
POL3	Record or Recall	89.9	12-23 m	1157	86	HIB3	Record	76.6	24-35 m	1256	-
POL3	Record or Recall<12m	89	12-23 m	1157	86	HIB3	Record or Recall	90.3	24-35 m	1256	-
RCV1	Recall	7.8	12-23 m	1157	86	HIB3	Record or Recall<12m	88.4	24-35 m	1256	-
RCV1	Record	80.1	12-23 m	1157	86	MCV1	Recall	15	24-35 m	1256	-
RCV1	Record or Recall	87.9	12-23 m	1157	86	MCV1	Record	76.7	24-35 m	1256	-
RCV1	Record or Recall<12m	84.9	12-23 m	1157	86	MCV1	Record or Recall	91.7	24-35 m	1256	-
ROTAC	Recall	7.8	12-23 m	1157	86	MCV1	Record or Recall<12m	85.5	24-35 m	1256	-
ROTAC	Record	83.9	12-23 m	1157	86	PCV1	Recall	15	24-35 m	1256	-
ROTAC	Record or Recall	91.7	12-23 m	1157	86	PCV1	Record	78.8	24-35 m	1256	-
ROTAC	Record or Recall<12m	91.5	12-23 m	1157	86	PCV1	Record or Recall	93.8	24-35 m	1256	-

## 2016 Zimbabwe Multiple Indicator Cluster Survey 2019

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen						
BCG	Recall	15.9	24-35 m	1256	-	PCV1	Record or Recall<12m	93.2	24-35 m	1256	-
BCG	Record	78.1	24-35 m	1256	-	PCV3	Recall	13.3	24-35 m	1256	-
BCG	Record or Recall	94.1	24-35 m	1256	-	PCV3	Record	76.2	24-35 m	1256	-
BCG	Record or Recall<12m	94.1	24-35 m	1256	-	PCV3	Record or Recall	89.5	24-35 m	1256	-
DTP1	Recall	15.5	24-35 m	1256	-	PCV3	Record or Recall<12m	87.6	24-35 m	1256	-
DTP1	Record	78.8	24-35 m	1256	-	POL1	Recall	15.8	24-35 m	1256	-
DTP1	Record or Recall	94.3	24-35 m	1256	-	POL1	Record	78.8	24-35 m	1256	-
DTP1	Record or Recall<12m	93.7	24-35 m	1256	-	POL1	Record or Recall	94.5	24-35 m	1256	-
DTP3	Recall	13.7	24-35 m	1256	-	POL1	Record or Recall<12m	93.9	24-35 m	1256	-
DTP3	Record	76.6	24-35 m	1256	-	POL3	Recall	13.4	24-35 m	1256	-
DTP3	Record or Recall	90.3	24-35 m	1256	-	POL3	Record	75.8	24-35 m	1256	-
DTP3	Record or Recall<12m	88.4	24-35 m	1256	-	POL3	Record or Recall	89.2	24-35 m	1256	-
						POL3	Record or Recall<12m	86.6	24-35 m	1256	-
						RCV1	Recall	15	24-35 m	1256	-
						RCV1	Record	76.7	24-35 m	1256	-
						RCV1	Record or Recall	91.7	24-35 m	1256	-
						RCV1	Record or Recall<12m	85.5	24-35 m	1256	-

# Zimbabwe - Survey Details

ROTAC	Recall	13.5	24-35 m	1256	-	Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
ROTAC	Record	77	24-35 m	1256	-	BCG	Record	77.7	12-23 m	948	78
ROTAC	Record or Recall	90.5	24-35 m	1256	-	BCG	Record or Recall	89.9	12-23 m	1216	78
ROTAC	Record or Recall<12m	89.5	24-35 m	1256	-	BCG	Record or Recall<12m	89.4	12-23 m	1216	78

2014 Report on Evaluation of Coverage Achieved during Zimbabwe Measles/Rubella and Vitamin A Catch up Campaign Combined with Assessment of Routine Immunization, 2015

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record	86.7	12-23 m	3000	89
BCG	Record or Recall	98	12-23 m	3000	89
DTP1	Record	86.7	12-23 m	3000	89
DTP1	Record or Recall	97.6	12-23 m	3000	89
DTP3	Record	84.2	12-23 m	3000	89
DTP3	Record or Recall	95.8	12-23 m	3000	89
HEPB1	Record	86.7	12-23 m	3000	89
HEPB1	Record or Recall	97.6	12-23 m	3000	89
HEPB3	Record	84.2	12-23 m	3000	89
HEPB3	Record or Recall	95.8	12-23 m	3000	89
HIB1	Record	86.7	12-23 m	3000	89
HIB1	Record or Recall	97.6	12-23 m	3000	89
HIB3	Record	84.2	12-23 m	3000	89
HIB3	Record or Recall	95.8	12-23 m	3000	89
MCV1	Record	82	12-23 m	3000	89
MCV1	Record or Recall	93.5	12-23 m	3000	89
PCV1	Record	86.3	12-23 m	3000	89
PCV1	Record or Recall	97.4	12-23 m	3000	89
PCV3	Record	83.6	12-23 m	3000	89
PCV3	Record or Recall	95.6	12-23 m	3000	89
POL1	Record	86.3	12-23 m	3000	89
POL1	Record or Recall	97.4	12-23 m	3000	89
POL3	Record	84.1	12-23 m	3000	89
POL3	Record or Recall	95.6	12-23 m	3000	89

2014 Zimbabwe Demographic and Health Survey 2015

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record	77.7	12-23 m	948	78
BCG	Record or Recall	89.9	12-23 m	1216	78
BCG	Record or Recall<12m	89.4	12-23 m	1216	78
DTP1	Record	77.7	12-23 m	948	78
DTP1	Record or Recall	89.5	12-23 m	1216	78
DTP1	Record or Recall<12m	89.2	12-23 m	1216	78
DTP3	Record	74.6	12-23 m	948	78
DTP3	Record or Recall	83.4	12-23 m	1216	78
DTP3	Record or Recall<12m	82	12-23 m	1216	78
HEPB1	Record	77.7	12-23 m	948	78
HEPB1	Record or Recall	89.5	12-23 m	1216	78
HEPB1	Record or Recall<12m	89.2	12-23 m	1216	78
HEPB3	Record	74.6	12-23 m	948	78
HEPB3	Record or Recall	83.4	12-23 m	1216	78
HEPB3	Record or Recall<12m	82	12-23 m	1216	78
HIB1	Record	77.7	12-23 m	948	78
HIB1	Record or Recall	89.5	12-23 m	1216	78
HIB1	Record or Recall<12m	89.2	12-23 m	1216	78
HIB3	Record	74.6	12-23 m	948	78
HIB3	Record or Recall	83.4	12-23 m	1216	78
HIB3	Record or Recall<12m	82	12-23 m	1216	78
MCV1	Record	72.1	12-23 m	948	78
MCV1	Record or Recall	81.9	12-23 m	1216	78
MCV1	Record or Recall<12m	76.2	12-23 m	1216	78
PCV1	Record	77	12-23 m	948	78
PCV1	Record or Recall	88	12-23 m	1216	78
PCV1	Record or Recall<12m	87.7	12-23 m	1216	78
PCV3	Record	73.5	12-23 m	948	78
PCV3	Record or Recall	82.2	12-23 m	1216	78
PCV3	Record or Recall<12m	80.9	12-23 m	1216	78
POL1	Record	77.6	12-23 m	948	78
POL1	Record or Recall	89.5	12-23 m	1216	78
POL1	Record or Recall<12m	89.2	12-23 m	1216	78
POL3	Record	73.3	12-23 m	948	78
POL3	Record or Recall	82.3	12-23 m	1216	78
POL3	Record or Recall<12m	81	12-23 m	1216	78
ROTAC	Record	41.7	12-23 m	948	78
ROTAC	Record or Recall	49.5	12-23 m	1216	78
ROTAC	Record or Recall<12m	48.6	12-23 m	1216	78

# Zimbabwe - Survey Details

## 2013 Zimbabwe Multiple Indicator Cluster Survey 2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	15.4	12-23 m	-	81
BCG	Record	79.4	12-23 m	-	81
BCG	Record or Recall	94.7	12-23 m	1990	81
BCG	Record or Recall<12m	92.4	12-23 m	1990	81
DTP1	Recall	14.1	12-23 m	-	81
DTP1	Record	80.4	12-23 m	-	81
DTP1	Record or Recall	94.6	12-23 m	1990	81
DTP1	Record or Recall<12m	93.7	12-23 m	1990	81
DTP3	Recall	11.2	12-23 m	-	81
DTP3	Record	76.1	12-23 m	-	81
DTP3	Record or Recall	87.3	12-23 m	1990	81
DTP3	Record or Recall<12m	85.4	12-23 m	1990	81
HEPB1	Recall	14.1	12-23 m	-	81
HEPB1	Record	80.4	12-23 m	-	81
HEPB1	Record or Recall	94.6	12-23 m	1990	81
HEPB1	Record or Recall<12m	93.7	12-23 m	1990	81
HEPB3	Recall	11.2	12-23 m	-	81
HEPB3	Record	76.1	12-23 m	-	81
HEPB3	Record or Recall	87.3	12-23 m	1990	81
HEPB3	Record or Recall<12m	85.4	12-23 m	1990	81
HIB1	Recall	14.1	12-23 m	-	81
HIB1	Record	80.4	12-23 m	-	81
HIB1	Record or Recall	94.6	12-23 m	1990	81
HIB1	Record or Recall<12m	93.7	12-23 m	1990	81
HIB3	Recall	11.2	12-23 m	-	81
HIB3	Record	76.1	12-23 m	-	81
HIB3	Record or Recall	87.3	12-23 m	1990	81
HIB3	Record or Recall<12m	85.4	12-23 m	1990	81
MCV1	Recall	14	12-23 m	-	81
MCV1	Record	73.5	12-23 m	-	81
MCV1	Record or Recall	87.6	12-23 m	1990	81
MCV1	Record or Recall<12m	82.6	12-23 m	1990	81
PCV1	Recall	12	12-23 m	-	81
PCV1	Record	68	12-23 m	-	81
PCV1	Record or Recall	79.9	12-23 m	1990	81

PCV1	Record or Recall<12m	79.3	12-23 m	1990	81
PCV3	Recall	9.9	12-23 m	-	81
PCV3	Record	62.9	12-23 m	-	81
PCV3	Record or Recall	72.8	12-23 m	1990	81
PCV3	Record or Recall<12m	71.1	12-23 m	1990	81
POL1	Recall	14.5	12-23 m	-	81
POL1	Record	80.5	12-23 m	-	81
POL1	Record or Recall	95	12-23 m	1990	81
POL1	Record or Recall<12m	94.2	12-23 m	1990	81
POL3	Recall	11.6	12-23 m	-	81
POL3	Record	75.9	12-23 m	-	81
POL3	Record or Recall	87.5	12-23 m	1990	81
POL3	Record or Recall<12m	84.9	12-23 m	1990	81

## 2012 Zimbabwe Multiple Indicator Cluster Survey 2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record or Recall<12m	91.1	24-35 m	2054	-
DTP1	Record or Recall<12m	90	24-35 m	2054	-
DTP3	Record or Recall<12m	78.6	24-35 m	2054	-
HEPB1	Record or Recall<12m	90	24-35 m	2054	-
HEPB3	Record or Recall<12m	78.6	24-35 m	2054	-
HIB1	Record or Recall<12m	90	24-35 m	2054	-
HIB3	Record or Recall<12m	78.6	24-35 m	2054	-
MCV1	Record or Recall<12m	75.7	24-35 m	2054	-
PCV1	Record or Recall<12m	6.2	24-35 m	2054	-
PCV3	Record or Recall<12m	3.8	24-35 m	2054	-
POL1	Record or Recall<12m	91.6	24-35 m	2054	-
POL3	Record or Recall<12m	75.8	24-35 m	2054	-

## 2009 Report on Zimbabwe 2010 Routine Immunization Coverage Survey

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record	78.6	12-23 m	600	84
BCG	Record or Recall	94.8	12-23 m	600	84
DTP1	Record	78.7	12-23 m	600	84
DTP1	Record or Recall	96.8	12-23 m	600	84

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DTP3	Record	72.6	12-23 m	600	84
DTP3	Record or Recall	91	12-23 m	600	84
MCV1	Record	72.9	12-23 m	600	84
MCV1	Record or Recall	90.4	12-23 m	600	84
POL1	Record	78.3	12-23 m	600	84
POL1	Record or Recall	96.5	12-23 m	600	84
POL3	Record	71.3	12-23 m	600	84
POL3	Record or Recall	90	12-23 m	600	84

## 2009 Zimbabwe Demographic and Health Survey 2010-11

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	20	12-23 m	1034	68
BCG	Record	66.9	12-23 m	1034	68
BCG	Record or Recall	86.9	12-23 m	1034	68
BCG	Record or Recall<12m	86.6	12-23 m	1034	68
DTP1	Recall	19	12-23 m	1034	68
DTP1	Record	66.6	12-23 m	1034	68
DTP1	Record or Recall	85.6	12-23 m	1034	68
DTP1	Record or Recall<12m	85.1	12-23 m	1034	68
DTP3	Recall	12	12-23 m	1034	68
DTP3	Record	60.9	12-23 m	1034	68
DTP3	Record or Recall	72.9	12-23 m	1034	68
DTP3	Record or Recall<12m	70	12-23 m	1034	68
HEPB1	Recall	19	12-23 m	1034	68
HEPB1	Record	66.6	12-23 m	1034	68
HEPB1	Record or Recall	85.6	12-23 m	1034	68
HEPB1	Record or Recall<12m	85.1	12-23 m	1034	68
HEPB3	Recall	12	12-23 m	1034	68
HEPB3	Record	60.9	12-23 m	1034	68
HEPB3	Record or Recall	72.9	12-23 m	1034	68
HEPB3	Record or Recall<12m	70	12-23 m	1034	68
HIB1	Recall	19	12-23 m	1034	68
HIB1	Record	66.6	12-23 m	1034	68
HIB1	Record or Recall	85.6	12-23 m	1034	68
HIB1	Record or Recall<12m	85.1	12-23 m	1034	68
HIB3	Recall	12	12-23 m	1034	68
HIB3	Record	60.9	12-23 m	1034	68
HIB3	Record or Recall	72.9	12-23 m	1034	68

HIB3	Record or Recall<12m	70	12-23 m	1034	68
MCV1	Recall	17.9	12-23 m	1034	68
MCV1	Record	61.3	12-23 m	1034	68
MCV1	Record or Recall	79.1	12-23 m	1034	68
MCV1	Record or Recall<12m	69.3	12-23 m	1034	68
POL1	Recall	19.6	12-23 m	1034	68
POL1	Record	67.1	12-23 m	1034	68
POL1	Record or Recall	86.7	12-23 m	1034	68
POL1	Record or Recall<12m	86.6	12-23 m	1034	68
POL3	Recall	13.6	12-23 m	1034	68
POL3	Record	59.3	12-23 m	1034	68
POL3	Record or Recall	72.9	12-23 m	1034	68
POL3	Record or Recall<12m	69.3	12-23 m	1034	68

## 2008 Zimbabwe Multiple Indicator Monitoring Survey (MIMS) 2009

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record or Recall	90.9	12-23 m	1444	74
DTP1	Record or Recall	84.6	12-23 m	1444	74
DTP3	Record or Recall	66.6	12-23 m	1444	74
MCV1	Record or Recall	76.8	12-23 m	1444	74
POL1	Record or Recall	89.2	12-23 m	1444	74
POL3	Record or Recall	65.9	12-23 m	1444	74

## 2004 Zimbabwe Demographic and Health 2005-2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	6.1	12-23 m	1019	72
BCG	Record	69.6	12-23 m	1019	72
BCG	Record or Recall	75.7	12-23 m	1019	72
BCG	Record or Recall<12m	74.9	12-23 m	1019	72
DTP1	Recall	6.5	12-23 m	1019	72
DTP1	Record	70.4	12-23 m	1019	72
DTP1	Record or Recall	76.9	12-23 m	1019	72
DTP1	Record or Recall<12m	75.3	12-23 m	1019	72
DTP3	Recall	3.3	12-23 m	1019	72
DTP3	Record	58.7	12-23 m	1019	72



DTP3	Record or Recall	62	12-23 m	1019	72
DTP3	Record or Recall<12m	55	12-23 m	1019	72
MCV1	Recall	5.1	12-23 m	1019	72
MCV1	Record	60.6	12-23 m	1019	72
MCV1	Record or Recall	65.6	12-23 m	1019	72
MCV1	Record or Recall<12m	55.9	12-23 m	1019	72
POL1	Recall	6	12-23 m	1019	72
POL1	Record	71	12-23 m	1019	72
POL1	Record or Recall	77	12-23 m	1019	72
POL1	Record or Recall<12m	76	12-23 m	1019	72
POL3	Recall	4.3	12-23 m	1019	72
POL3	Record	61.5	12-23 m	1019	72
POL3	Record or Recall	65.7	12-23 m	1019	72
POL3	Record or Recall<12m	59.1	12-23 m	1019	72

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Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	19.7	12-23 m	699	69
BCG	Record	68.4	12-23 m	699	69
BCG	Record or Recall	88.1	12-23 m	699	69
BCG	Record or Recall<12m	87.4	12-23 m	699	69
DTP1	Recall	19.7	12-23 m	699	69
DTP1	Record	67.8	12-23 m	699	69
DTP1	Record or Recall	87.5	12-23 m	699	69
DTP1	Record or Recall<12m	87.5	12-23 m	699	69
DTP3	Recall	15.8	12-23 m	699	69

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

DTP3	Record	65.1	12-23 m	699	69
DTP3	Record or Recall	80.9	12-23 m	699	69
DTP3	Record or Recall<12m	77.5	12-23 m	699	69
MCV1	Recall	16.9	12-23 m	699	69
MCV1	Record	62.3	12-23 m	699	69
MCV1	Record or Recall	79.1	12-23 m	699	69
MCV1	Record or Recall<12m	71.4	12-23 m	699	69
POL1	Recall	19.5	12-23 m	699	69
POL1	Record	68.2	12-23 m	699	69
POL1	Record or Recall	87.7	12-23 m	699	69
POL1	Record or Recall<12m	87.5	12-23 m	699	69
POL3	Recall	15.7	12-23 m	699	69
POL3	Record	65	12-23 m	699	69
POL3	Record or Recall	80.7	12-23 m	699	69
POL3	Record or Recall<12m	77.6	12-23 m	699	69

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Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record or Recall<12m	88.8	24-35 m	669	-
DTP1	Record or Recall<12m	88.4	24-35 m	669	-
DTP3	Record or Recall<12m	76.3	24-35 m	669	-
MCV1	Record or Recall<12m	73.6	24-35 m	669	-
POL1	Record or Recall<12m	88.6	24-35 m	669	-
POL3	Record or Recall<12m	76.9	24-35 m	669	-