

Cameroon: 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 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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NOTE DE SYNTHÈSE Chaque année, l'OMS et l'UNICEF examinent conjointement les rapports soumis par les États Membres concernant la couverture vaccinale nationale, les rapports d'enquêtes finalisés, ainsi que les données issues de la littérature publiée et grise. Sur la base de ces données, et en tenant dûment compte des biais potentiels ainsi que des avis des experts locaux, l'OMS et l'UNICEF s'efforcent de distinguer les situations où les données empiriques disponibles reflètent fidèlement la performance du système de vaccination de celles où les données sont probablement compromises et donnent une vision trompeuse de la couverture.

Les estimations de l'OMS et de l'UNICEF sont spécifiques à chaque pays ; c'est-à-dire que les données de chaque pays sont examinées individuellement, et aucune donnée n'est empruntée à d'autres pays en l'absence de données. Les estimations ne reposent pas sur des ajustements ponctuels des données rapportées ; dans certains cas, des données empiriques proviennent d'une seule source, généralement les données de couverture déclarées au niveau national. Lorsqu'aucune donnée n'est disponible pour une combinaison donnée de pays/vaccin/année, les données des années précédentes et suivantes sont prises en compte et interpolées pour estimer la couverture des années manquantes. Dans les cas où les sources de données sont variées et présentent de grandes variations, une tentative est faite pour identifier l'estimation la plus probable en tenant compte des biais potentiels dans les données disponibles. Pour les méthodes, voir :

* 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.

SOURCES DE DONNÉES

Couverture ADMINISTRATIVE: Rapportée par les autorités nationales et basée sur des rapports administratifs agrégés provenant des prestataires de services de santé concernant le nombre de vaccinations administrées sur une période donnée (données du numérateur) et les données déclarées sur la population cible (données du dénominateur). Cette couverture peut être biaisée par des inexactitudes dans les données du numérateur et/ou du dénominateur.

Couverture OFFICIELLE: Estimation de la couverture rapportée par les autorités nationales, reflétant leur évaluation de la couverture la plus probable sur la base d'une combinaison de la couverture administrative, des estimations basées sur des enquêtes ou d'autres sources de données ou ajustements. Les approches pour déterminer la couverture OFFICIELLE peuvent varier d'un pays à l'autre.

Couverture par ENQUÊTE: Basée sur des estimations de couverture issues d'enquêtes menées auprès des ménages chez des enfants âgés de 6-11, 12-23 ou 24-35 mois, suivant une revue des méthodes et des résultats de l'enquête. Les informations reposent sur une combinaison de l'historique vaccinal, basé sur des preuves documentées ou le rappel des soignants. Les résultats des enquêtes sont considérés pour la cohorte de naissance appropriée en fonction de la période de collecte des données.

ABRÉVIATIONS ET DÉFINITIONS

BCG: pourcentage des naissances ayant reçu une dose du vaccin Bacillus Calmette-Guérin.

DTP1 (DTC1) / DTP3 (DTC3): pourcentage des nourrissons survivants ayant reçu respectivement la 1re / 3e dose du vaccin contenant l'anatoxine diphtérique et tétanique avec la coqueluche.

POL3: pourcentage des nourrissons survivants ayant reçu la 3e dose d'un vaccin contre la poliomyélite, qu'il s'agisse d'un vaccin oral ou inactivé.

IPV1 (VPI1): pourcentage des nourrissons survivants ayant reçu au moins une dose de vaccin antipoliomyélitique inactivé (VPI). Dans les pays suivant un calendrier de vaccination recommandant soit (i) une série primaire de trois doses de vaccin antipoliomyélitique oral (VPO) plus au moins une dose de VPI lorsque le VPO est inclus dans la vaccination systématique et/ou dans les campagnes, soit (ii) un calendrier séquentiel incluant le VPI suivi du VPO, les estimations de l'OMS et de l'UNICEF pour le VPI1 reflètent la couverture par au moins une dose systématique de VPI chez les nourrissons de moins d'un an. Pour les pays utilisant exclusivement le vaccin contenant le VPI, c'est-à-dire sans dose recommandée de VPO, les estimations de l'OMS et de l'UNICEF pour le VPI1 correspondent à la couverture de la 1ère dose de VPI.

La production des estimations de couverture pour le VPI, débutée en 2015, n'entraîne aucun changement dans les niveaux de couverture estimés pour la 3e dose de vaccin antipoliomyélitique (POL3). Pour les pays recommandant la vaccination systématique avec une série primaire de trois doses de VPI uniquement, la couverture POL3 estimée par l'OMS et l'UNICEF est équivalente à la couverture estimée avec trois doses de VPI. Pour les pays suivant un calendrier séquentiel, la couverture POL3 estimée repose sur celle de la 3e dose de vaccin antipoliomyélitique, quel que soit le type de vaccin.

IPV2 (VPI2): pourcentage des nourrissons survivants ayant reçu une 2e dose de vaccin antipoliomyélitique inactivé (VPI). Les estimations de couverture pour le VPI2 sont produites pour les pays utilisant le VPO.

MCV1: pourcentage des nourrissons survivants ayant reçu la 1re dose de vaccin contenant la rougeole. Dans les pays où le calendrier national recommande la 1re dose de MCV à 12 mois ou plus, en fonction de l'épidémiologie de la maladie dans le pays, les estimations de couverture reflètent le pourcentage d'enfants ayant reçu la 1re dose de MCV conformément à la recommandation.

MCV2: pourcentage des enfants ayant reçu la 2e dose de vaccin contenant la rougeole conformément au calendrier vaccinal du pays.

RCV1: pourcentage des nourrissons survivants ayant reçu la 1re dose de vaccin contenant la rubéole. Les estimations de couverture sont basées sur les estimations de l'OMS et de l'UNICEF pour la dose de vaccin contenant la rougeole qui correspond à la première combinaison vaccin rougeole-rubéole. La couverture déclarée au niveau national pour le RCV n'est pas prise en compte dans l'élaboration de cette estimation.

HEPB (VHBN): pourcentage des naissances ayant reçu une dose de vaccin contre l'hépatite B dans les 24 heures suivant l'accouchement. Les estimations de la couverture de la dose à la naissance contre l'hépatite B sont produites uniquement pour les pays ayant une politique universelle de dose à la naissance. Aucune estimation n'est réalisée pour les pays qui recommandent une dose à la naissance uniquement pour les nourrissons nés de mères infectées par le virus de l'hépatite B, ou pour les pays où les informations sont insuffisantes pour déterminer si la vaccination a eu lieu dans les 24 heures suivant la naissance.

HEPB3 (VHB3): pourcentage des nourrissons survivants ayant reçu la 3e dose de vaccin contenant l'hépatite B après la dose à la naissance.

HIB3: pourcentage des nourrissons survivants ayant reçu la 3e dose de vaccin contenant Haemophilus influenzae de type b.

ROTAC: pourcentage des nourrissons survivants ayant reçu la dernière dose recommandée du vaccin contre le rotavirus, qui peut être la 2e ou la 3e dose selon le vaccin.

PCV3 (VPC3): pourcentage des nourrissons survivants ayant reçu la 3e dose du vaccin antipneumococcique conjugué. Dans les pays où le calendrier national recommande deux doses pendant la petite enfance et une dose de rappel à 12 mois ou plus en fonction de l'épidémiologie

de la maladie dans le pays, les estimations de couverture peuvent refléter le pourcentage des nourrissons survivants ayant reçu deux doses de VPC avant leur premier anniversaire si la couverture pour la dose de rappel n'est pas déclarée.

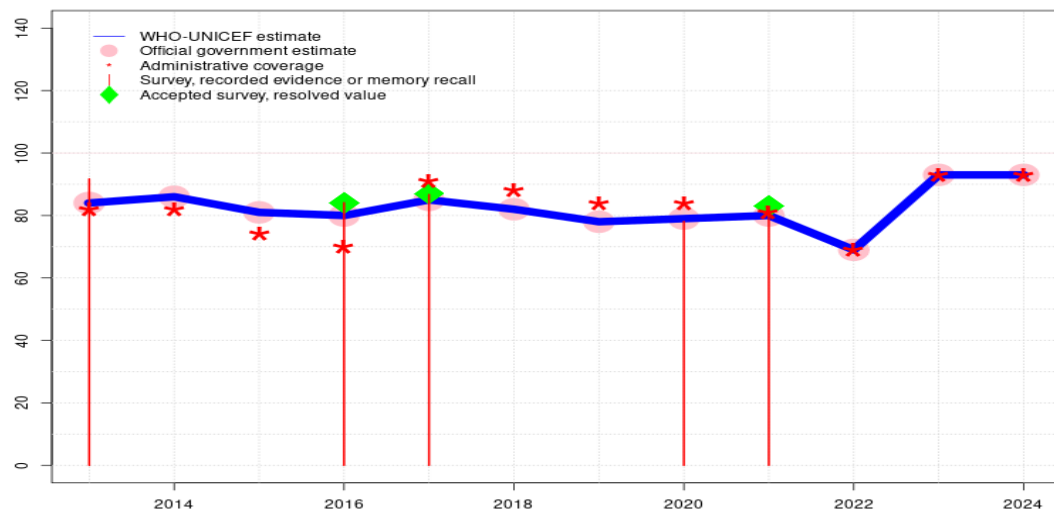
YFV (VFA): pourcentage des nourrissons survivants ayant reçu une dose de vaccin contre la fièvre jaune dans les pays où le VFA fait partie du calendrier national de vaccination des enfants ou est recommandé dans les zones à risque ; les estimations de couverture sont annualisées pour l'ensemble de la cohorte des nourrissons survivants.

MENGA: pourcentage des enfants ayant reçu une dose de vaccin conjugué contre le méningocoque A. Les estimations de couverture MENGA sont produites pour les pays situés dans la ceinture de la méningite en Afrique subsaharienne.

Avertissement: Toutes les précautions raisonnables ont été prises par l'Organisation mondiale de la Santé et le Fonds des Nations Unies pour l'enfance pour vérifier les informations contenues dans cette publication. Toutefois, le matériel publié est distribué sans aucune garantie, explicite ou implicite. La responsabilité de l'interprétation et de l'utilisation du matériel incombe au lecteur. En aucun cas, l'Organisation mondiale de la Santé ou le Fonds des Nations Unies pour l'enfance ne sauraient être tenus responsables des dommages résultant de son utilisation.

Cameroon - BCG

CMR - BCG



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	84	86	81	80	85	82	78	79	80	69	93	93
Estimate GoC	•	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	••
Official	84	86	81	80	85	82	78	79	80	69	93	93
Administrative	82	82	74	70	91	88	84	84	81	69	93	93
Survey	92	-	-	84	87	-	-	78	83	-	-	-

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.

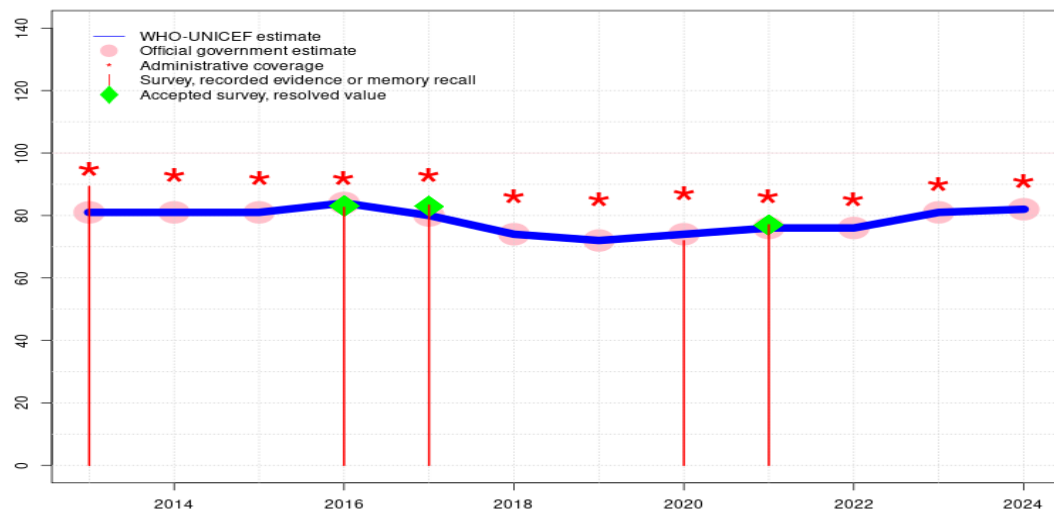
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2024: Estimate informed by reported data. GoC=R+ D+
- 2023: Estimate informed by reported data. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Recovery from 2022 vaccine stockout. GoC=R+ S+ D+
- 2022: Estimate informed by reported data. Programme reports three months vaccine stockout at national and subnational levels. GoC=Assigned by working group. Consistency with GOC for neighbouring years.
- 2021: Estimate informed by reported data supported by survey.Survey evidence of 83 percent based on 1 survey(s). Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. GoC=R+ S+ D+
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. Programme reports of home-based records (cards) stockout of unknown duration. GoC=R+ S+ D+
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. 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 87 percent based on 1 survey(s). Programme reports 1.5 months vaccine stockout, but increase in coverage. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 84 percent based on 1 survey(s). GoC=R+ S+ D+
- 2015: Estimate informed by reported data. Country reports district level stockout. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. GoC=R+ S+ D+
- 2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high coverage not consistent with other data sources. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - DTP1

CMR - DTP1



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	81	81	81	84	80	74	72	74	76	76	81	82
Estimate GoC	●	●	●	●●●	●	●	●	●	●	●	●	●
Official	81	81	81	84	80	74	72	74	76	76	81	82
Administrative	95	93	92	92	93	86	85	87	86	85	90	91
Survey	89	-	-	83	83	-	-	72	77	-	-	-

The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability model upon which the estimates are based, we are unable to present classical measures of uncertainty, e.g., confidence intervals. Moreover, we have chosen not to make subjective estimates of plausibility/certainty ranges around the coverage. The GoC reflects the degree of empirical support upon which the estimates are based. It is not a judgment of the quality of data reported by national authorities.

- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2024 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk of being wrong.
- Estimate is supported by at least one data source; [R+], [S+], or [D+]; and no data source, [R-], [D-], or [S-], challenges the estimate.
- There are no directly supporting data; or data from at least one source; [R-], [D-], [S-]; challenge the estimate.

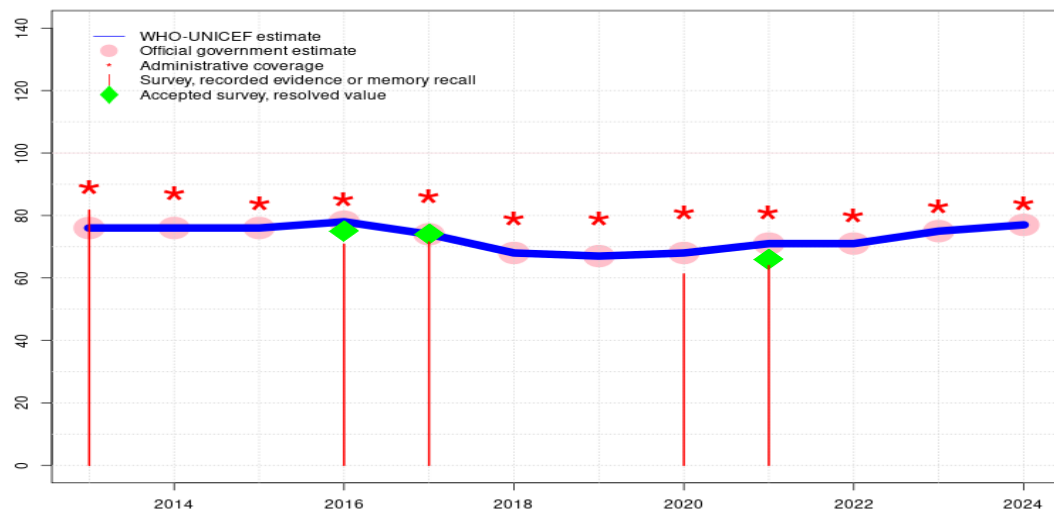
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2024: Estimate informed by reported data. Programme reported a one month vaccine stockout at the national and subnational levels. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Programme reports four months vaccine stockout at national and subnational levels. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey. Survey evidence of 77 percent based on 1 survey(s). Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. Programme reports of home-based records (cards) stockout of unknown duration. Programme reports six months vaccine stockout at national level and unknown for subnational levels. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-S-
- 2018: Estimate informed by reported data. Programme reports one month vaccine stockout at the national level. Estimate challenged by: D-
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 83 percent based on 1 survey(s). Estimate challenged by: D-
- 2016: Estimate informed by reported data supported by survey. Survey evidence of 83 percent based on 1 survey(s). GoC=R+ S+ D+
- 2015: Estimate informed by reported data. Estimate challenged by: D-
- 2014: Estimate informed by reported data. Estimate challenged by: D-
- 2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high coverage not consistent with other data sources. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - DTP3

CMR - DTP3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	76	76	76	78	74	68	67	68	71	71	75	77
Estimate GoC	•	•	•••	•••	•••	•••	•	•	•	•	•	•
Official	76	76	76	78	74	68	67	68	71	71	75	77
Administrative	89	87	84	85	86	79	79	81	81	80	83	84
Survey	82	-	-	71	72	-	-	61	64	-	-	-

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:

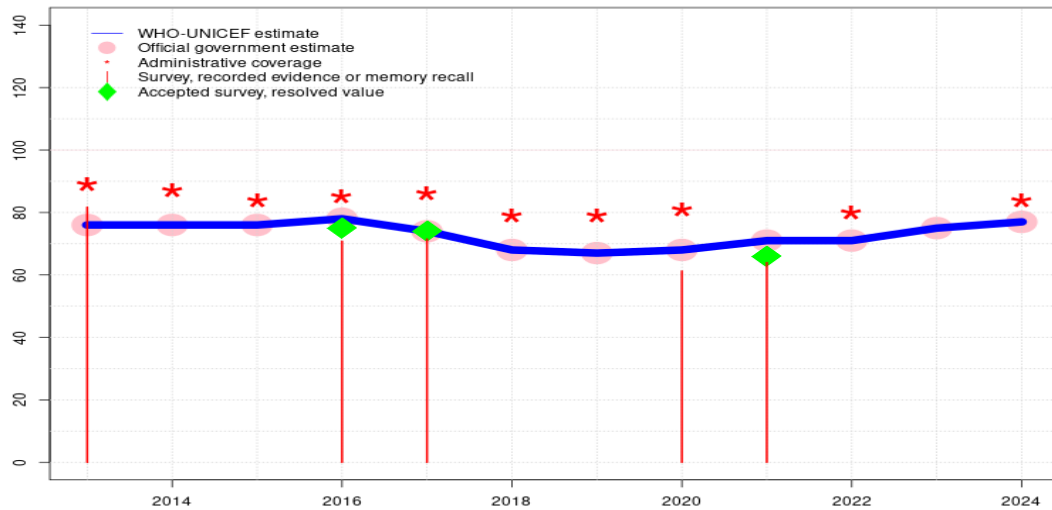
- 2024: Estimate informed by reported data. Programme reported a one month vaccine stockout at the national and subnational levels. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Programme reports four months vaccine stockout at national and subnational levels. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey. Survey evidence of 66 percent based on 1 survey(s). 2023 Cameroon Vaccination Coverage Survey record or recall results of 64 percent modified for recall bias to 66 percent based on 1st dose record or recall coverage of 77 percent, 1st dose record only coverage of 65 percent and 3rd dose record only coverage of 56 percent. Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. 2023 Cameroon Vaccination Coverage Survey record or recall results of 61 percent modified for recall bias to 62 percent based on 1st dose record or recall coverage of 72 percent, 1st dose record only coverage of 52 percent and 3rd dose record only coverage of 45 percent. Programme reports of home-based records (cards) stockout of unknown duration. Programme reports six months vaccine stockout at national level and unknown for subnational levels. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Programme reports one month vaccine stockout at the national level. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 74 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 72 percent modified for recall bias to 74 percent based on 1st dose record or recall coverage of 83 percent, 1st dose record only coverage of 66 percent and 3rd dose record only coverage of 59 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey. Survey evidence of 75 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 71 percent modified for recall bias to 75 percent based on 1st dose record or recall coverage of 83 percent, 1st dose record only coverage of 55 percent and 3rd dose record only coverage of 50 percent. GoC=R+ S+ D+
- 2015: Estimate informed by reported data. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. Estimate challenged by: D-
- 2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high cover-

Cameroon - DTP3

age not consistent with other data sources. Cameroon Multiple Indicator Cluster Survey 2014 record or recall results of 82 percent modified for recall bias to 88 percent based on 1st dose record or recall coverage of 89 percent, 1st dose record only coverage of 67 percent and 3rd dose record only coverage of 66 percent. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - HEPB3

CMR - HEPB3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	76	76	76	78	74	68	67	68	71	71	75	77
Estimate GoC	•	•	•••	•••	•••	•••	•	•	••	•	••	•
Official	76	76	76	78	74	68	67	68	71	71	75	77
Administrative	89	87	84	85	86	79	79	81	-	80	-	84
Survey	82	-	-	71	72	-	-	61	64	-	-	-

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:

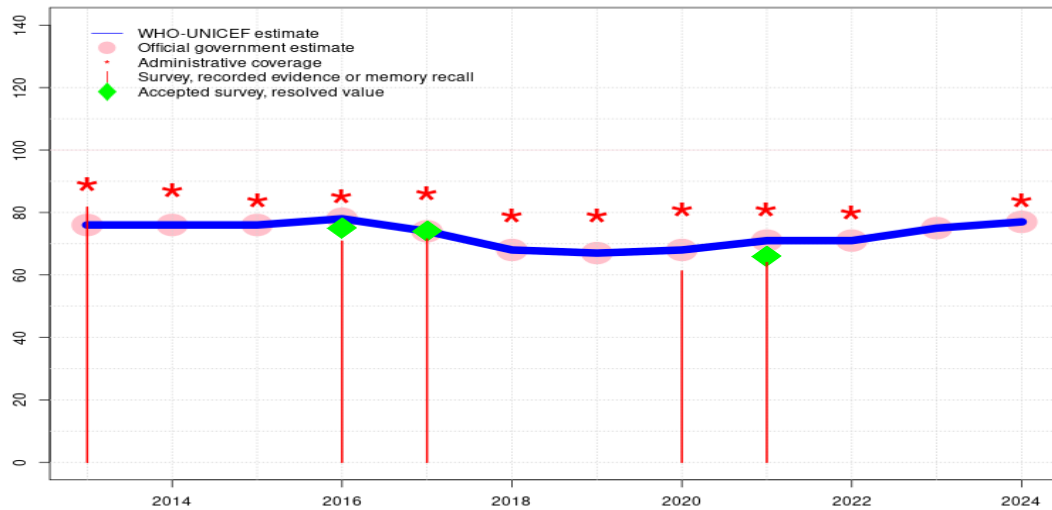
- 2024: Estimate informed by reported data. Programme reported a one month vaccine stockout at the national and subnational levels. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Programme reports four months vaccine stockout at national and subnational levels. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. GoC=R+ S+
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey.Survey evidence of 66 percent based on 1 survey(s). 2023 Cameroon Vaccination Coverage Survey record or recall results of 64 percent modified for recall bias to 66 percent based on 1st dose record or recall coverage of 77 percent, 1st dose record only coverage of 65 percent and 3rd dose record only coverage of 56 percent. Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. GoC=R+ S+
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. 2023 Cameroon Vaccination Coverage Survey record or recall results of 61 percent modified for recall bias to 62 percent based on 1st dose record or recall coverage of 72 percent, 1st dose record only coverage of 52 percent and 3rd dose record only coverage of 45 percent. Programme reports of home-based records (cards) stockout of unknown duration. Programme reports six months vaccine stockout at national level and unknown for subnational levels. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Programme reports one month vaccine stockout at national level. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 74 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 72 percent modified for recall bias to 74 percent based on 1st dose record or recall coverage of 83 percent, 1st dose record only coverage of 66 percent and 3rd dose record only coverage of 59 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 75 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 71 percent modified for recall bias to 75 percent based on 1st dose record or recall coverage of 83 percent, 1st dose record only coverage of 55 percent and 3rd dose record only coverage of 50 percent. GoC=R+ S+ D+
- 2015: Estimate informed by reported data. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. Estimate challenged by: D-
- 2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high coverage not consistent with other data sources. Cameroon Multiple Indicator Cluster Survey

Cameroon - HEPB3

2014 record or recall results of 82 percent modified for recall bias to 88 percent based on 1st dose record or recall coverage of 89 percent, 1st dose record only coverage of 67 percent and 3rd dose record only coverage of 66 percent. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - HIB3

CMR - HIB3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	76	76	76	78	74	68	67	68	71	71	75	77
Estimate GoC	•	•	•••	•••	•••	•••	•	•	•	•	••	•
Official	76	76	76	78	74	68	67	68	71	71	75	77
Administrative	89	87	84	85	86	79	79	81	81	80	-	84
Survey	82	-	-	71	72	-	-	61	64	-	-	-

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:

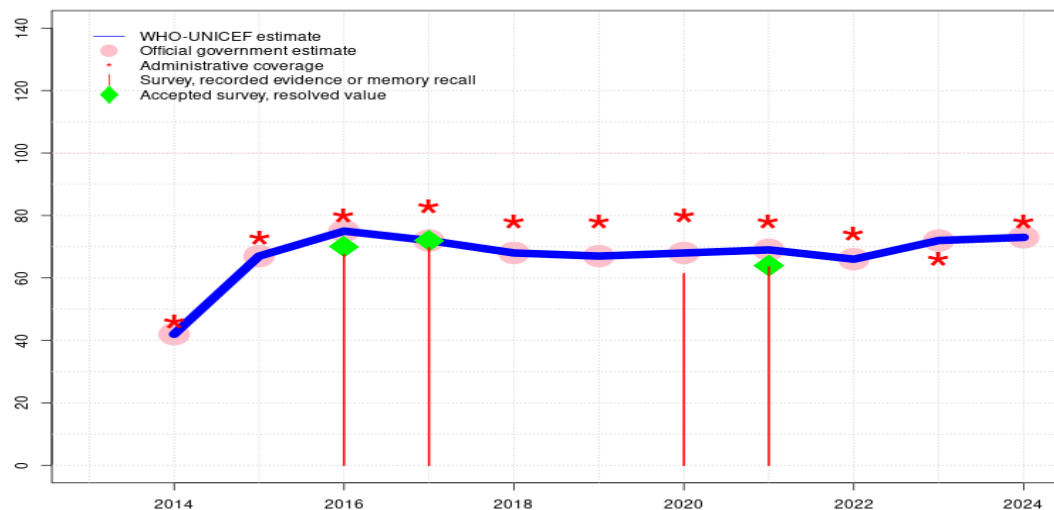
- 2024: Estimate informed by reported data. Programme reported a one month vaccine stockout at the national and subnational levels. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Programme reports four months vaccine stockout at national and subnational levels. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. GoC=R+ S+
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey.Survey evidence of 66 percent based on 1 survey(s). 2023 Cameroon Vaccination Coverage Survey record or recall results of 64 percent modified for recall bias to 66 percent based on 1st dose record or recall coverage of 77 percent, 1st dose record only coverage of 65 percent and 3rd dose record only coverage of 56 percent. Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. 2023 Cameroon Vaccination Coverage Survey record or recall results of 61 percent modified for recall bias to 62 percent based on 1st dose record or recall coverage of 72 percent, 1st dose record only coverage of 52 percent and 3rd dose record only coverage of 45 percent. Programme reports of home-based records (cards) stockout of unknown duration. Programme reports six months vaccine stockout at national level and unknown for subnational levels. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Programme reports one month vaccine stockout at national level. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 74 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 72 percent modified for recall bias to 74 percent based on 1st dose record or recall coverage of 83 percent, 1st dose record only coverage of 66 percent and 3rd dose record only coverage of 59 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 75 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 71 percent modified for recall bias to 75 percent based on 1st dose record or recall coverage of 83 percent, 1st dose record only coverage of 55 percent and 3rd dose record only coverage of 50 percent. GoC=R+ S+ D+
- 2015: Estimate informed by reported data. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. Estimate challenged by: D-
- 2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high cover-

Cameroon - HIB3

age not consistent with other data sources. Cameroon Multiple Indicator Cluster Survey 2014 record or recall results of 82 percent modified for recall bias to 88 percent based on 1st dose record or recall coverage of 89 percent, 1st dose record only coverage of 67 percent and 3rd dose record only coverage of 66 percent. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - ROTAC

CMR - ROTAC



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	42	67	75	72	68	67	68	69	66	72	73
Estimate GoC	-	•	•••	•••	•••	•••	•	•	•	•	•••	•
Official	-	42	67	75	72	68	67	68	69	66	72	73
Administrative	-	46	73	80	83	78	78	80	78	74	66	78
Survey	-	-	-	68	70	-	-	61	64	-	-	-

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.

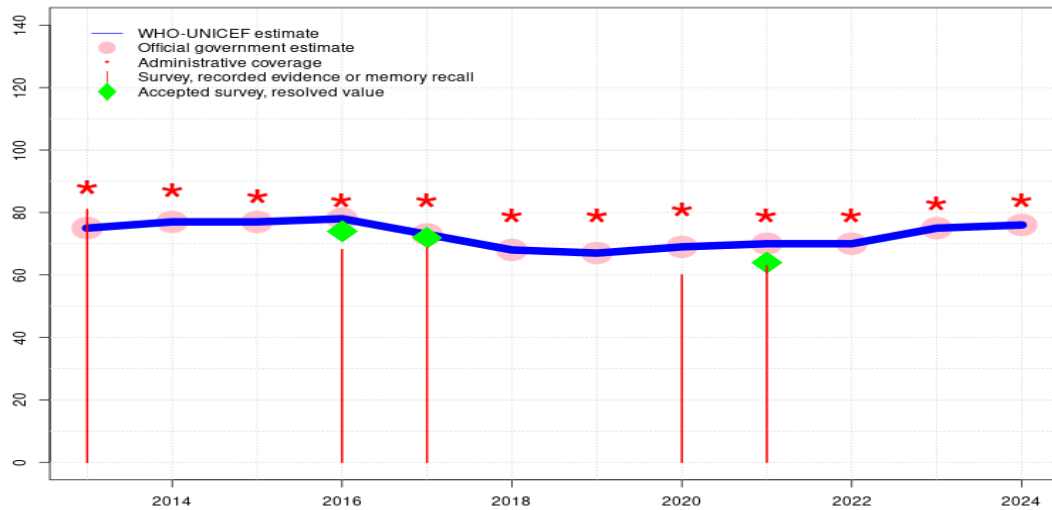
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2024: Estimate informed by reported data. Programme reported two months vaccine stockout at the national and subnational levels. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. GoC=R+ S+ D+
- 2022: Estimate informed by reported data. Programme reports subnational vaccine stockout. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey.Survey evidence of 64 percent based on 1 survey(s). Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. Programme reports of home-based records (cards) stockout of unknown duration. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey.Survey evidence of 72 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 70 percent modified for recall bias to 72 percent based on 1st dose record or recall coverage of 77 percent, 1st dose record only coverage of 61 percent and 3rd dose record only coverage of 57 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey.Survey evidence of 70 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 68 percent modified for recall bias to 70 percent based on 1st dose record or recall coverage of 76 percent, 1st dose record only coverage of 50 percent and 3rd dose record only coverage of 46 percent. GoC=R+ S+ D+
- 2015: Estimate informed by reported data. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. Rotavirus vaccine introduced in 2014. Estimate challenged by: S-

Cameroon - PCV3

CMR - PCV3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	75	77	77	78	73	68	67	69	70	70	75	76
Estimate GoC	•	•	•••	•••	•••	•••	•	•	•	•	•	•
Official	75	77	77	78	73	68	67	69	70	70	75	76
Administrative	88	87	85	84	84	79	79	81	79	79	83	84
Survey	81	-	-	68	69	-	-	60	63	-	-	-

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.

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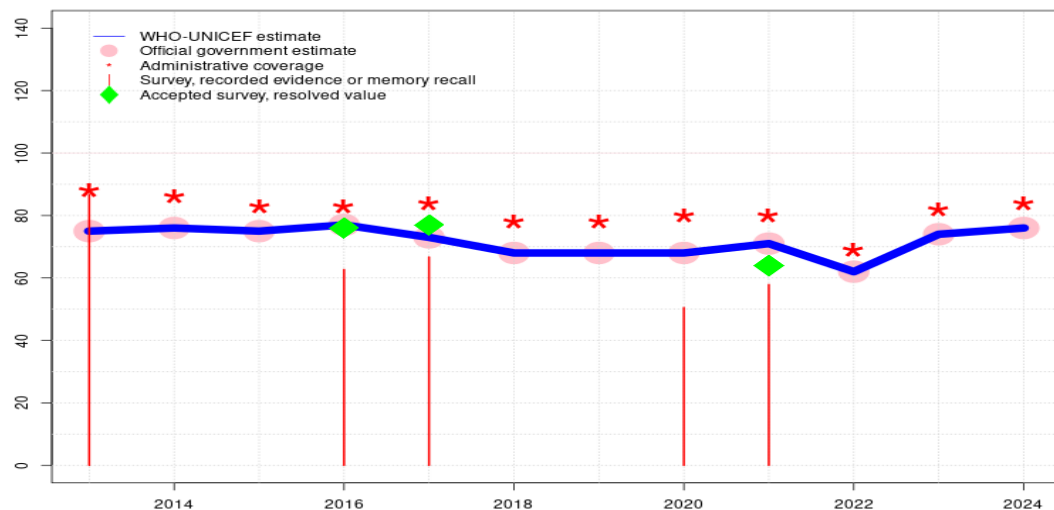
- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-S-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey. Survey evidence of 64 percent based on 1 survey(s). 2023 Cameroon Vaccination Coverage Survey record or recall results of 63 percent modified for recall bias to 64 percent based on 1st dose record or recall coverage of 75 percent, 1st dose record only coverage of 64 percent and 3rd dose record only coverage of 55 percent. Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. 2023 Cameroon Vaccination Coverage Survey record or recall results of 60 percent modified for recall bias to 61 percent based on 1st dose record or recall coverage of 71 percent, 1st dose record only coverage of 51 percent and 3rd dose record only coverage of 44 percent. Programme reports of home-based records (cards) stockout of unknown duration. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 72 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 69 percent modified for recall bias to 72 percent based on 1st dose record or recall coverage of 81 percent, 1st dose record only coverage of 64 percent and 3rd dose record only coverage of 57 percent. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey. Survey evidence of 74 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 68 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 53 percent and 3rd dose record only coverage of 49 percent. GoC=R+ S+ D+
- 2015: Estimate informed by reported data. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. Estimate challenged by: D-
- 2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high coverage not consistent with other data sources. Cameroon Multiple Indicator Cluster Survey 2014 record or recall results of 81 percent modified for recall bias to 88 percent based on 1st dose record or recall coverage of 89 percent, 1st dose record only coverage of 66

Cameroon - PCV3

percent and 3rd dose record only coverage of 65 percent. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - POL3

CMR - POL3



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	75	76	75	77	73	68	68	68	71	62	74	76
Estimate GoC	•	•	•••	•••	•••	•••	•	•	•	•	•	•
Official	75	76	75	77	73	68	68	68	71	62	74	76
Administrative	88	86	83	83	84	78	78	80	80	69	82	84
Survey	87	-	-	63	67	-	-	51	58	-	-	-

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:

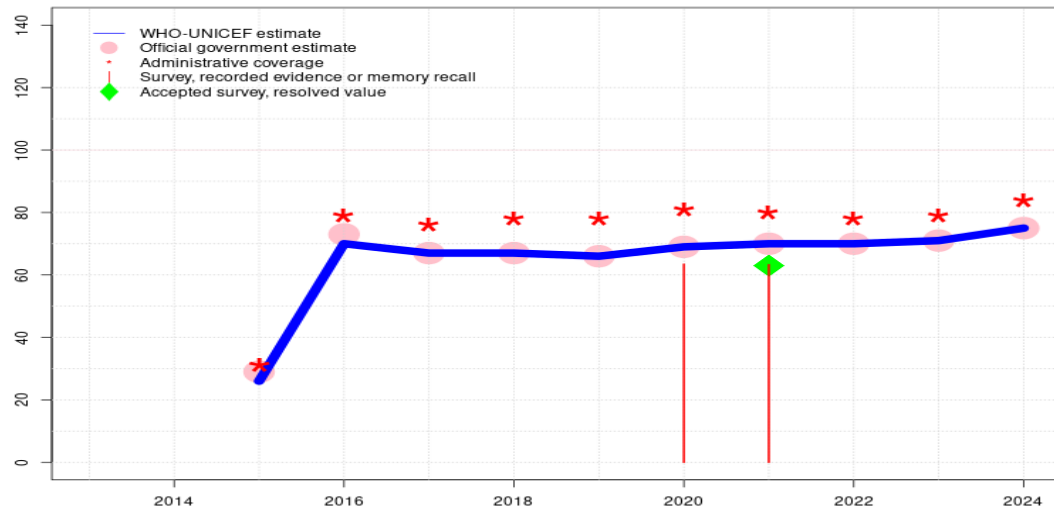
- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Recovery from 2022 vaccine stockout. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Programme reports four months vaccine stockout at national and subnational levels. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey. Survey evidence of 64 percent based on 1 survey(s). 2023 Cameroon Vaccination Coverage Survey record or recall results of 58 percent modified for recall bias to 64 percent based on 1st dose record or recall coverage of 77 percent, 1st dose record only coverage of 65 percent and 3rd dose record only coverage of 54 percent. Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. 2023 Cameroon Vaccination Coverage Survey record or recall results of 51 percent modified for recall bias to 64 percent based on 1st dose record or recall coverage of 74 percent, 1st dose record only coverage of 51 percent and 3rd dose record only coverage of 44 percent. Programme reports four months vaccine stockout at national level and unknown for subnational levels. Programme reports of home-based records (cards) stockout of unknown duration. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 77 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 67 percent modified for recall bias to 77 percent based on 1st dose record or recall coverage of 86 percent, 1st dose record only coverage of 67 percent and 3rd dose record only coverage of 60 percent. Survey results likely reflect some vaccines doses received during reported polio campaigns rather than routine services. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey. Survey evidence of 76 percent based on 1 survey(s). Cameroon Demographic and Health Survey 2018 record or recall results of 63 percent modified for recall bias to 76 percent based on 1st dose record or recall coverage of 84 percent, 1st dose record only coverage of 55 percent and 3rd dose record only coverage of 50 percent. Survey results likely reflect some vaccines doses received during reported polio campaigns rather than routine services. GoC=R+ S+ D+
- 2015: Estimate informed by reported data. Country reports district level stockout. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. Estimate challenged by: D-

Cameroon - POL3

2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high coverage not consistent with other data sources. Cameroon Multiple Indicator Cluster Survey 2014 record or recall results of 87 percent modified for recall bias to 94 percent based on 1st dose record or recall coverage of 95 percent, 1st dose record only coverage of 66 percent and 3rd dose record only coverage of 65 percent. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - IPV1

CMR - IPV1



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	26	70	67	67	66	69	70	70	71	75
Estimate GoC	-	-	•	•	••	••	•	•	•	•	•	•
Official	-	-	29	73	67	67	66	69	70	70	71	75
Administrative	-	-	31	79	76	78	78	81	80	78	79	84
Survey	-	-	-	-	-	-	-	63	63	-	-	-

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.

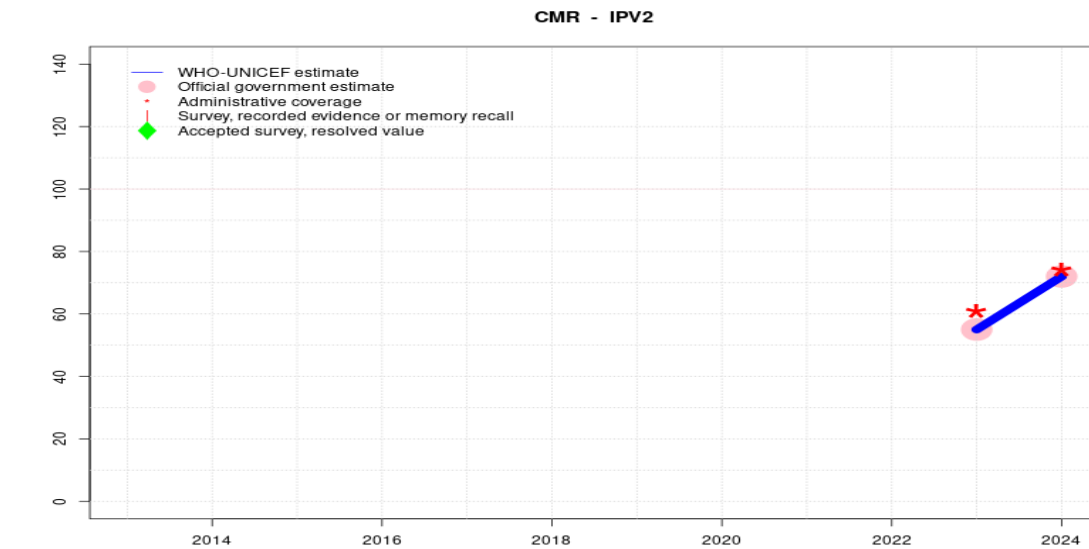
- Estimate is supported by reported data [R+], coverage recalculated with an independent denominator from the World Population Prospects: 2024 revision from the UN Population Division (D+), and at least one supporting survey within 2 years [S+]. While well supported, the estimate still carries a risk 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: D-
- 2023: Estimate informed by reported data. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Programme reports subnational vaccine stockout. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey. Survey evidence of 63 percent based on 1 survey(s). Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. Programme reports of home-based records (cards) stockout of unknown duration. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. GoC=R+ D+
- 2017: Estimate informed by reported official coverage. GoC=R+ D+
- 2016: Estimate of 70 percent assigned by working group. Estimate informed by estimated DTP3 level adjusted by the relative ratio of reported DTP3 to IPV1 coverage. Programme reports three months vaccine stockout. Estimate challenged by: D-R-
- 2015: Reported data calibrated to 2016 levels. Inactivated polio vaccine introduced in 2015. Estimate challenged by: R-

Cameroon - IPV2



Description:

2024: Estimate informed by reported data. GoC=R+ D+

2023: Estimate informed by reported data. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	-	-	-	-	-	-	-	55	72
Estimate GoC	-	-	-	-	-	-	-	-	-	-	●	●●
Official	-	-	-	-	-	-	-	-	-	-	55	72
Administrative	-	-	-	-	-	-	-	-	-	-	61	74
Survey	-	-	-	-	-	-	-	-	-	-	-	-

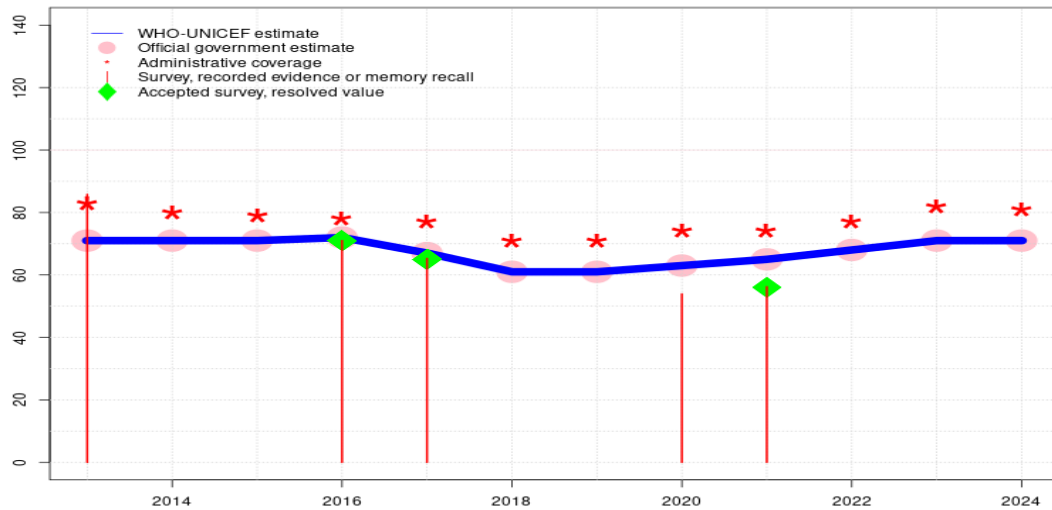
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Cameroon - MCV1

CMR - MCV1



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	71	71	71	72	67	61	61	63	65	68	71	71
Estimate GoC	•	•	•••	•••	•••	•••	•	•	•	•	•	•
Official	71	71	71	72	67	61	61	63	65	68	71	71
Administrative	83	80	79	78	77	71	71	74	74	77	82	81
Survey	86	-	-	71	65	-	-	54	56	-	-	-

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.

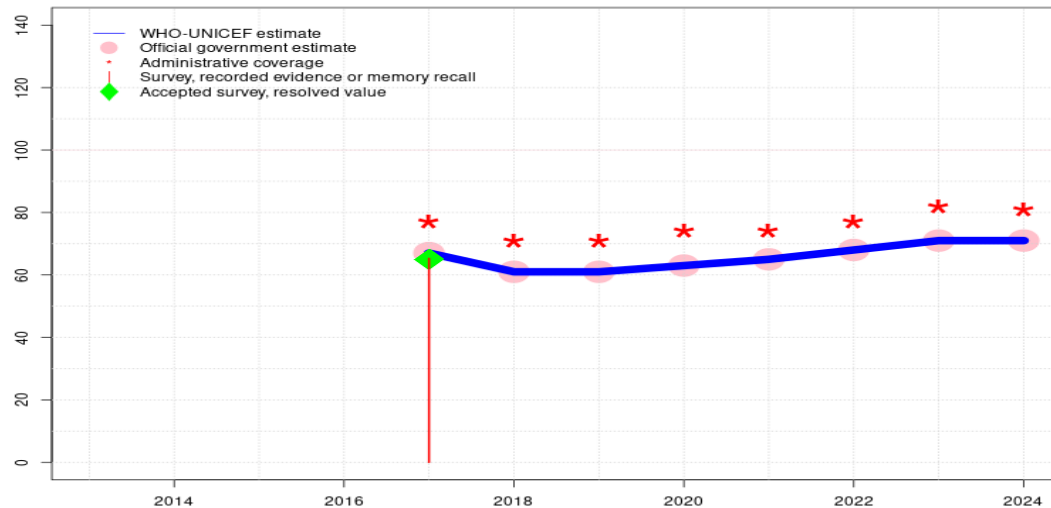
In all cases these estimates should be used with caution and should be assessed in light of the objective for which they are being used.

Description:

- 2024: Estimate informed by reported data. Estimate challenged by: D-
- 2023: Estimate informed by reported data. Programme reports one month vaccine stockout at national level. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-S-
- 2022: Estimate informed by reported data. Estimate challenged by: D-S-
- 2021: Estimate informed by reported data supported by survey. Survey evidence of 56 percent based on 1 survey(s). Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. Programme reports of home-based records (cards) stockout of unknown duration. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. Programme reports one and a half month vaccine stockout at the national level. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 65 percent based on 1 survey(s). Programme reports three months vaccine stockout. GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey. Survey evidence of 71 percent based on 1 survey(s). GoC=R+ S+ D+
- 2015: Estimate informed by reported data. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. Estimate challenged by: D-
- 2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high coverage not consistent with other data sources. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - RCV1

CMR - RCV1



Description:

- 2024: Estimate based on estimated MCV1. Estimate challenged by: D-
- 2023: Estimate based on estimated MCV1. Programme reports one month vaccine stockout at national level. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-S-
- 2022: Estimate based on estimated MCV1. Estimate challenged by: D-S-
- 2021: Estimate based on estimated MCV1. Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate based on estimated MCV1. Programme reports of home-based records (cards) stockout of unknown duration. Estimate challenged by: D-
- 2019: Estimate based on estimated MCV1. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate based on estimated MCV1. GoC=R+ S+ D+
- 2017: Estimate based on estimated MCV1. Programme reports three months vaccine stockout at the national level. Rubella containing vaccine introduced in 2015 as measles-rubella (MR) combination vaccine. Reporting started in 2017. GoC=R+ S+ D+

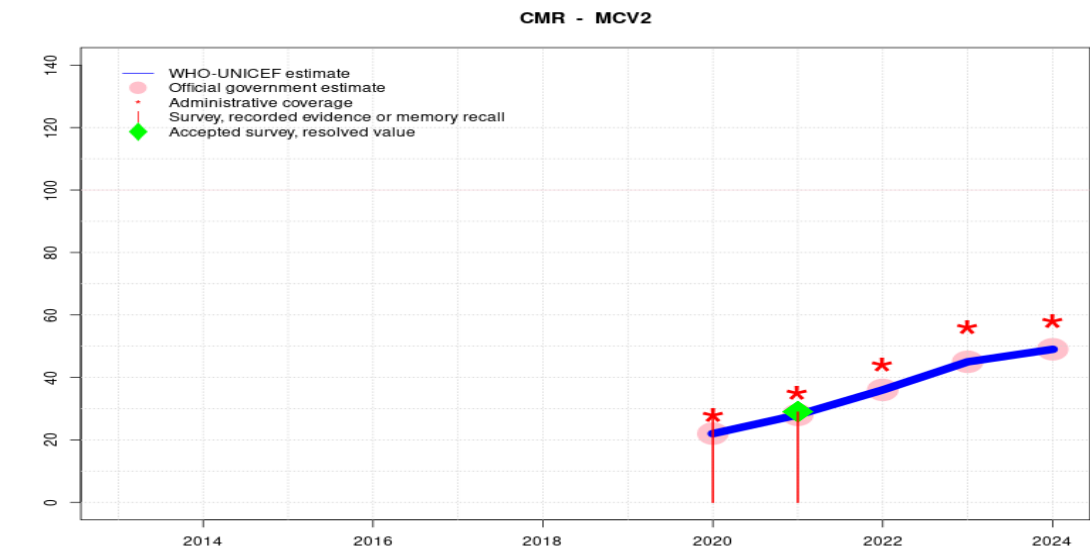
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	-	67	61	61	63	65	68	71	71
Estimate GoC	-	-	-	-	•••	•••	•	•	•	•	•	•
Official	-	-	-	-	67	61	61	63	65	68	71	71
Administrative	-	-	-	-	77	71	71	74	74	77	82	81
Survey	-	-	-	-	65	-	-	-	-	-	-	-

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.

Cameroon - MCV2



Description:

- 2024: Estimate informed by reported data. GoC=R+ D+
- 2023: Estimate informed by reported data. Programme reports one month vaccine stockout at national level. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-S-
- 2022: Estimate informed by reported data. GoC=R+ S+ D+
- 2021: Estimate informed by reported data supported by survey.Survey evidence of 29 percent based on 1 survey(s). Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. GoC=R+ S+ D+
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. Programme reports of home-based records (cards) stockout of unknown duration. GoC=R+ S+ D+

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	-	-	-	-	-	-	-	22	28	36	45	49
Estimate GoC	-	-	-	-	-	-	-	●●●	●●●	●●●	●	●●
Official	-	-	-	-	-	-	-	22	28	36	45	49
Administrative	-	-	-	-	-	-	-	28	35	44	56	58
Survey	-	-	-	-	-	-	-	30	29	-	-	-

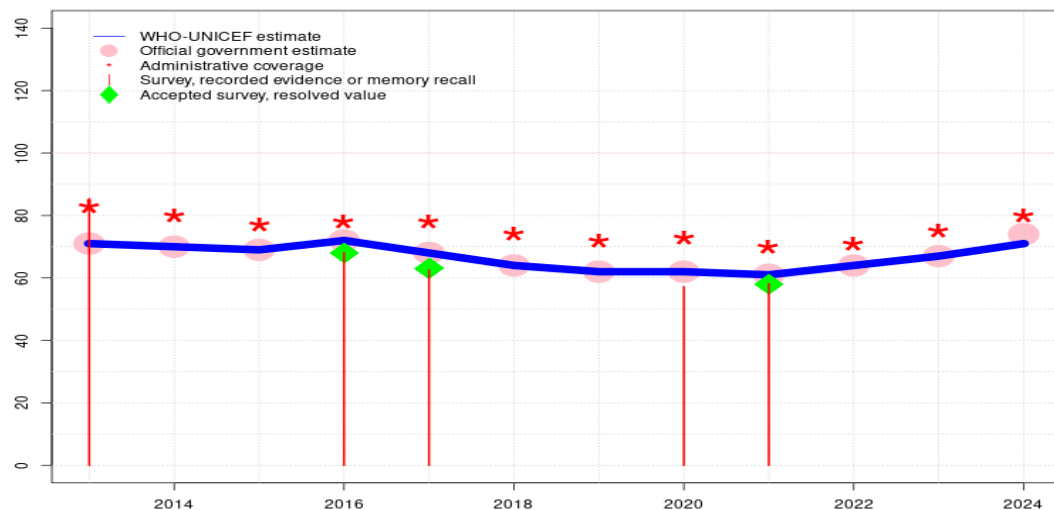
The WHO and UNICEF estimates of national immunization coverage (wuenic) are based on data and information that are of varying, and, in some instances, unknown quality. Beginning with the 2011 revision we describe the grade of confidence (GoC) we have in these estimates. As there is no underlying probability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

Cameroon - YFV

CMR - YFV



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Estimate	71	70	69	72	68	64	62	62	61	64	67	71
Estimate GoC	•	•	•••	•••	•••	•••	•	•	•	•	•	•
Official	71	70	69	72	68	64	62	62	61	64	67	74
Administrative	83	80	77	78	78	74	72	73	70	71	75	80
Survey	85	-	-	68	63	-	-	57	58	-	-	-

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 MCV1 estimated coverage. Estimate challenged by: D-R-
- 2023: Estimate informed by reported data. Official coverage estimates from 2013 to 2023 are based on a data triangulation exercise conducted in April 2024 with participation of the 10 regions of the country and support of WHO and UNICEF. Estimate challenged by: D-
- 2022: Estimate informed by reported data. Estimate challenged by: D-
- 2021: Estimate informed by reported data supported by survey. Survey evidence of 58 percent based on 1 survey(s). Reported target population increased 6 percent between 2020 and 2021 for vaccines administered during the first year of life. Estimate challenged by: D-
- 2020: Estimate informed by reported data. 2023 Cameroon Vaccination Coverage Survey results ignored by working group. Inconsistency with coverage for the younger cohort for some vaccines. Programme reports two months vaccine stockout at national level and unknown for subnational levels. Programme reports of home-based records (cards) stockout of unknown duration. Estimate challenged by: D-
- 2019: Estimate informed by reported data. Programme notes a shortage of recording tools and evidence of under-reporting of children vaccinated which may partly explain lower levels of reported coverage. Estimate challenged by: D-
- 2018: Estimate informed by reported data. GoC=R+ S+ D+
- 2017: Estimate informed by reported data supported by survey. Survey evidence of 63 percent based on 1 survey(s). GoC=R+ S+ D+
- 2016: Estimate informed by reported data supported by survey. Survey evidence of 68 percent based on 1 survey(s). GoC=R+ S+ D+
- 2015: Estimate informed by reported data. GoC=R+ S+ D+
- 2014: Estimate informed by reported data. Estimate challenged by: D-
- 2013: Estimate based on reported official coverage Cameroon Multiple Indicator Cluster Survey 2014 results ignored by working group. Survey results suggest exceptionally high coverage not consistent with other data sources. Official estimates from 2013 through 2023 were produced through an exercise conducted in April 2024 with technical assistance from WHO and UNICEF in consultation with the 10 regions of Cameroon using locally available survey data, administrative reports and data quality assessment results. Reported official coverage time-series beginning in 2013 was revised in 2024 based on a data triangulation exercise. See comment for 2023. Estimate challenged by: D-

Cameroon - 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.

2021 2023 Cameroon Vaccination Coverage Survey

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	17.7	12-23 m	1532	66
BCG	Record	65	12-23 m	1532	66
BCG	Record or Recall	82.6	12-23 m	1532	66
DTP1	Recall	12.1	12-23 m	1532	66
DTP1	Record	64.9	12-23 m	1532	66
DTP1	Record or Recall	77	12-23 m	1532	66
DTP3	Recall	8.3	12-23 m	1532	66
DTP3	Record	55.7	12-23 m	1532	66
DTP3	Record or Recall	64	12-23 m	1532	66
HEPB1	Recall	12.1	12-23 m	1532	66
HEPB1	Record	64.9	12-23 m	1532	66
HEPB1	Record or Recall	77	12-23 m	1532	66
HEPB3	Recall	8.3	12-23 m	1532	66
HEPB3	Record	55.7	12-23 m	1532	66
HEPB3	Record or Recall	64	12-23 m	1532	66
HIB1	Recall	12.1	12-23 m	1532	66
HIB1	Record	64.9	12-23 m	1532	66
HIB1	Record or Recall	77	12-23 m	1532	66
HIB3	Recall	8.3	12-23 m	1532	66

HIB3	Record	55.7	12-23 m	1532	66
HIB3	Record or Recall	64	12-23 m	1532	66
IPV1	Recall	13	12-23 m	1532	66
IPV1	Record	50.3	12-23 m	1532	66
IPV1	Record or Recall	63.3	12-23 m	1532	66
MCV1	Recall	7.9	12-23 m	1532	66
MCV1	Record	48.3	12-23 m	1532	66
MCV1	Record or Recall	56.2	12-23 m	1532	66
MCV2	Recall	5.8	12-23 m	1135	66
MCV2	Record	23	12-23 m	1135	66
MCV2	Record or Recall	28.9	12-23 m	1135	66
PCV1	Recall	10.6	12-23 m	1532	66
PCV1	Record	64.2	12-23 m	1532	66
PCV1	Record or Recall	74.9	12-23 m	1532	66
PCV3	Recall	7.9	12-23 m	1532	66
PCV3	Record	55.1	12-23 m	1532	66
PCV3	Record or Recall	62.9	12-23 m	1532	66
POL1	Recall	12.7	12-23 m	1532	66
POL1	Record	64.7	12-23 m	1532	66
POL1	Record or Recall	77.4	12-23 m	1532	66
POL3	Recall	3.5	12-23 m	1532	66
POL3	Record	54.4	12-23 m	1532	66
POL3	Record or Recall	57.9	12-23 m	1532	66
ROTAC	Recall	9.1	12-23 m	1532	66
ROTAC	Record	54.4	12-23 m	1532	66
ROTAC	Record or Recall	63.5	12-23 m	1532	66
YFV	Recall	11.2	12-23 m	1532	66
YFV	Record	47	12-23 m	1532	66
YFV	Record or Recall	58.1	12-23 m	1532	66

2020 2023 Cameroon Vaccination Coverage Survey

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	27.9	24-35 m	1325	49
BCG	Record	50.3	24-35 m	1325	49
BCG	Record or Recall	78.1	24-35 m	1325	49
DTP1	Recall	20.4	24-35 m	1325	49
DTP1	Record	51.5	24-35 m	1325	49
DTP1	Record or Recall	71.9	24-35 m	1325	49

Cameroon - Survey Details

DTP3	Recall	16.2	24-35 m	1325	49
DTP3	Record	45.1	24-35 m	1325	49
DTP3	Record or Recall	61.3	24-35 m	1325	49
HEPB1	Recall	20.4	24-35 m	1325	49
HEPB1	Record	51.5	24-35 m	1325	49
HEPB1	Record or Recall	71.9	24-35 m	1325	49
HEPB3	Recall	16.2	24-35 m	1325	49
HEPB3	Record	45.1	24-35 m	1325	49
HEPB3	Record or Recall	61.3	24-35 m	1325	49
HIB1	Recall	20.4	24-35 m	1325	49
HIB1	Record	51.5	24-35 m	1325	49
HIB1	Record or Recall	71.9	24-35 m	1325	49
HIB3	Recall	16.2	24-35 m	1325	49
HIB3	Record	45.1	24-35 m	1325	49
HIB3	Record or Recall	61.3	24-35 m	1325	49
IPV1	Recall	22.8	24-35 m	1325	49
IPV1	Record	40.6	24-35 m	1325	49
IPV1	Record or Recall	63.5	24-35 m	1325	49
MCV1	Recall	15.6	24-35 m	1325	49
MCV1	Record	38.3	24-35 m	1325	49
MCV1	Record or Recall	53.9	24-35 m	1325	49
MCV2	Recall	10.6	24-35 m	1325	49
MCV2	Record	19.2	24-35 m	1325	49
MCV2	Record or Recall	29.8	24-35 m	1325	49
PCV1	Recall	20.1	24-35 m	1325	49
PCV1	Record	51.2	24-35 m	1325	49
PCV1	Record or Recall	71.3	24-35 m	1325	49
PCV3	Recall	15.5	24-35 m	1325	49
PCV3	Record	44.5	24-35 m	1325	49
PCV3	Record or Recall	60	24-35 m	1325	49
POL1	Recall	22.7	24-35 m	1325	49
POL1	Record	51.2	24-35 m	1325	49
POL1	Record or Recall	74	24-35 m	1325	49
POL3	Recall	6.3	24-35 m	1325	49
POL3	Record	44.3	24-35 m	1325	49
POL3	Record or Recall	50.5	24-35 m	1325	49
ROTAC	Recall	17.4	24-35 m	1325	49
ROTAC	Record	43.9	24-35 m	1325	49
ROTAC	Record or Recall	61.4	24-35 m	1325	49
YFV	Recall	20.6	24-35 m	1325	49

YFV	Record	36.6	24-35 m	1325	49
YFV	Record or Recall	57.2	24-35 m	1325	49

2017 Cameroun Enquête Démographique et de Santé 2018

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	18.6	12-23 m	574	70
BCG	Record	68.1	12-23 m	1325	70
BCG	Record or Recall	86.7	12-23 m	1900	70
BCG	Record or Recall<12m	86.2	12-23 m	1900	70
DTP1	Recall	17	12-23 m	574	70
DTP1	Record	66.3	12-23 m	1325	70
DTP1	Record or Recall	83.3	12-23 m	1900	70
DTP1	Record or Recall<12m	82.9	12-23 m	1900	70
DTP3	Recall	12.3	12-23 m	574	70
DTP3	Record	59.3	12-23 m	1325	70
DTP3	Record or Recall	71.5	12-23 m	1900	70
DTP3	Record or Recall<12m	70.8	12-23 m	1900	70
HEPB1	Recall	17	12-23 m	574	70
HEPB1	Record	66.3	12-23 m	1325	70
HEPB1	Record or Recall	83.3	12-23 m	1900	70
HEPB1	Record or Recall<12m	82.9	12-23 m	1900	70
HEPB3	Recall	12.3	12-23 m	574	70
HEPB3	Record	59.3	12-23 m	1325	70
HEPB3	Record or Recall	71.5	12-23 m	1900	70
HEPB3	Record or Recall<12m	70.8	12-23 m	1900	70
HIB1	Recall	17	12-23 m	574	70
HIB1	Record	66.3	12-23 m	1325	70
HIB1	Record or Recall	83.3	12-23 m	1900	70
HIB1	Record or Recall<12m	82.9	12-23 m	1900	70
HIB3	Recall	12.3	12-23 m	574	70
HIB3	Record	59.3	12-23 m	1325	70
HIB3	Record or Recall	71.5	12-23 m	1900	70
HIB3	Record or Recall<12m	70.8	12-23 m	1900	70
MCV1	Recall	14.2	12-23 m	574	70
MCV1	Record	51.1	12-23 m	1325	70
MCV1	Record or Recall	65.3	12-23 m	1900	70
MCV1	Record or Recall<12m	61.4	12-23 m	1900	70
PCV1	Recall	16.9	12-23 m	574	70

Cameroon - Survey Details

PCV1	Record	64.1	12-23 m	1325	70	DTP3	Recall	20.9	24-35 m	778	-
PCV1	Record or Recall	81	12-23 m	1900	70	DTP3	Record	50	24-35 m	1030	-
PCV1	Record or Recall<12m	80.5	12-23 m	1900	70	DTP3	Record or Recall	70.8	24-35 m	1808	-
PCV3	Recall	11.6	12-23 m	574	70	DTP3	Record or Recall<12m	68.3	24-35 m	1808	-
PCV3	Record	57.1	12-23 m	1325	70	HEPB1	Recall	27.7	24-35 m	778	-
PCV3	Record or Recall	68.7	12-23 m	1900	70	HEPB1	Record	54.9	24-35 m	1030	-
PCV3	Record or Recall<12m	68.1	12-23 m	1900	70	HEPB1	Record or Recall	82.6	24-35 m	1808	-
POL1	Recall	18.8	12-23 m	574	70	HEPB1	Record or Recall<12m	80.5	24-35 m	1808	-
POL1	Record	66.7	12-23 m	1325	70	HEPB3	Recall	20.9	24-35 m	778	-
POL1	Record or Recall	85.5	12-23 m	1900	70	HEPB3	Record	50	24-35 m	1030	-
POL1	Record or Recall<12m	85	12-23 m	1900	70	HEPB3	Record or Recall	70.8	24-35 m	1808	-
POL3	Recall	6.9	12-23 m	574	70	HEPB3	Record or Recall<12m	68.3	24-35 m	1808	-
POL3	Record	59.8	12-23 m	1325	70	HIB1	Recall	27.7	24-35 m	778	-
POL3	Record or Recall	66.7	12-23 m	1900	70	HIB1	Record	54.9	24-35 m	1030	-
POL3	Record or Recall<12m	66.1	12-23 m	1900	70	HIB1	Record or Recall	82.6	24-35 m	1808	-
RCV1	Recall	14.2	12-23 m	574	70	HIB1	Record or Recall<12m	80.5	24-35 m	1808	-
RCV1	Record	51.1	12-23 m	1325	70	HIB3	Recall	20.9	24-35 m	778	-
RCV1	Record or Recall	65.3	12-23 m	1900	70	HIB3	Record	50	24-35 m	1030	-
RCV1	Record or Recall<12m	61.4	12-23 m	1900	70	HIB3	Record or Recall	70.8	24-35 m	1808	-
ROTAC	Recall	12.9	12-23 m	574	70	HIB3	Record or Recall<12m	68.3	24-35 m	1808	-
ROTAC	Record	56.7	12-23 m	1325	70	MCV1	Recall	25.5	24-35 m	778	-
ROTAC	Record or Recall	69.7	12-23 m	1900	70	MCV1	Record	45.4	24-35 m	1030	-
ROTAC	Record or Recall<12m	69	12-23 m	1900	70	MCV1	Record or Recall	71	24-35 m	1808	-
YFV	Recall	13.1	12-23 m	574	70	MCV1	Record or Recall<12m	65.8	24-35 m	1808	-
YFV	Record	49.4	12-23 m	1325	70	PCV1	Recall	26.7	24-35 m	778	-
YFV	Record or Recall	62.5	12-23 m	1900	70	PCV1	Record	53.3	24-35 m	1030	-
YFV	Record or Recall<12m	59.1	12-23 m	1900	70	PCV1	Record or Recall	80	24-35 m	1808	-

2016 Cameroun Enquête Démographique et de Santé 2018

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen						
BCG	Recall	29.7	24-35 m	778	-	POL1	Recall	29.5	24-35 m	778	-
BCG	Record	54.4	24-35 m	1030	-	POL1	Record	55	24-35 m	1030	-
BCG	Record or Recall	84.1	24-35 m	1808	-	POL1	Record or Recall	84.4	24-35 m	1808	-
BCG	Record or Recall<12m	82.1	24-35 m	1808	-	POL1	Record or Recall<12m	82	24-35 m	1808	-
DTP1	Recall	27.7	24-35 m	778	-	POL3	Recall	12.9	24-35 m	778	-
DTP1	Record	54.9	24-35 m	1030	-	POL3	Record	49.9	24-35 m	1030	-
DTP1	Record or Recall	82.6	24-35 m	1808	-	POL3	Record or Recall	62.7	24-35 m	1808	-
DTP1	Record or Recall<12m	80.5	24-35 m	1808	-	POL3	Record or Recall<12m	60.4	24-35 m	1808	-

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ROTAC	Recall	21.5	24-35 m	778	-
ROTAC	Record	46	24-35 m	1030	-
ROTAC	Record or Recall	67.5	24-35 m	1808	-
ROTAC	Record or Recall<12m	65.3	24-35 m	1808	-
YFV	Recall	23.8	24-35 m	778	-
YFV	Record	44.4	24-35 m	1030	-
YFV	Record or Recall	68.1	24-35 m	1808	-
YFV	Record or Recall<12m	63	24-35 m	1808	-

2013 Cameroun: Enquete par grappes a indicateurs multiples (MICS) 2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record	66	12-23 m	1391	67
BCG	Record or Recall	91.7	12-23 m	1391	67
BCG	Record or Recall<12m	91.2	12-23 m	1391	67
DTP1	Record	66.8	12-23 m	1391	67
DTP1	Record or Recall	89.3	12-23 m	1391	67
DTP1	Record or Recall<12m	88.3	12-23 m	1391	67
DTP3	Record	65.5	12-23 m	1391	67
DTP3	Record or Recall	81.7	12-23 m	1391	67
DTP3	Record or Recall<12m	79.6	12-23 m	1391	67
HEPB1	Record	66.8	12-23 m	1391	67
HEPB1	Record or Recall	89.3	12-23 m	1391	67
HEPB1	Record or Recall<12m	88.3	12-23 m	1391	67
HEPB3	Record	65.5	12-23 m	1391	67
HEPB3	Record or Recall	81.7	12-23 m	1391	67
HEPB3	Record or Recall<12m	79.6	12-23 m	1391	67
HIB1	Record	66.8	12-23 m	1391	67
HIB1	Record or Recall	89.3	12-23 m	1391	67
HIB1	Record or Recall<12m	88.3	12-23 m	1391	67
HIB3	Record	65.5	12-23 m	1391	67
HIB3	Record or Recall	81.7	12-23 m	1391	67
HIB3	Record or Recall<12m	79.6	12-23 m	1391	67
MCV1	Record	63.4	12-23 m	1391	67
MCV1	Record or Recall	85.8	12-23 m	1391	67
MCV1	Record or Recall<12m	79.9	12-23 m	1391	67
PCV1	Record	66.1	12-23 m	1391	67
PCV1	Record or Recall	88.5	12-23 m	1391	67
PCV1	Record or Recall<12m	86.5	12-23 m	1391	67

PCV3	Record	65.4	12-23 m	1391	67
PCV3	Record or Recall	81	12-23 m	1391	67
PCV3	Record or Recall<12m	78.9	12-23 m	1391	67
POL1	Record	66.2	12-23 m	1391	67
POL1	Record or Recall	94.8	12-23 m	1391	67
POL1	Record or Recall<12m	93.6	12-23 m	1391	67
POL3	Record	64.7	12-23 m	1391	67
POL3	Record or Recall	86.7	12-23 m	1391	67
POL3	Record or Recall<12m	84.5	12-23 m	1391	67
YFV	Record	63.7	12-23 m	1391	67
YFV	Record or Recall	85.4	12-23 m	1391	67
YFV	Record or Recall<12m	79.6	12-23 m	1391	67

2012 Cameroun: Enquete par grappes a indicateurs multiples (MICS) 2014

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record	55.2	24-35 m	1396	-
BCG	Record or Recall	89.9	24-35 m	1396	-
BCG	Record or Recall<12m	87.5	24-35 m	1396	-
DTP1	Record	55.3	24-35 m	1396	-
DTP1	Record or Recall	88.3	24-35 m	1396	-
DTP1	Record or Recall<12m	85.9	24-35 m	1396	-
DTP3	Record	54.7	24-35 m	1396	-
DTP3	Record or Recall	78.4	24-35 m	1396	-
DTP3	Record or Recall<12m	74.1	24-35 m	1396	-
HEPB1	Record	55.3	24-35 m	1396	-
HEPB1	Record or Recall	88.3	24-35 m	1396	-
HEPB1	Record or Recall<12m	85.9	24-35 m	1396	-
HEPB3	Record	54.7	24-35 m	1396	-
HEPB3	Record or Recall	78.4	24-35 m	1396	-
HEPB3	Record or Recall<12m	74.1	24-35 m	1396	-
HIB1	Record	55.3	24-35 m	1396	-
HIB1	Record or Recall	88.3	24-35 m	1396	-
HIB1	Record or Recall<12m	85.9	24-35 m	1396	-
HIB3	Record	54.7	24-35 m	1396	-
HIB3	Record or Recall	78.4	24-35 m	1396	-
HIB3	Record or Recall<12m	74.1	24-35 m	1396	-
MCV1	Record	53.1	24-35 m	1396	-
MCV1	Record or Recall	84.5	24-35 m	1396	-

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MCV1	Record or Recall<12m	75.1	24-35 m	1396	-	HEPB3	Record or Recall	64.9	12-23 m	2265	57
PCV1	Record	54.7	24-35 m	1396	-	HEPB3	Record or Recall<12m	62.9	12-23 m	2265	57
PCV1	Record or Recall	88.1	24-35 m	1396	-	MCV1	Recall	25.7	12-23 m	974	57
PCV1	Record or Recall<12m	85.3	24-35 m	1396	-	MCV1	Record	44.9	12-23 m	1291	57
PCV3	Record	54.3	24-35 m	1396	-	MCV1	Record or Recall	70.6	12-23 m	2265	57
PCV3	Record or Recall	78.2	24-35 m	1396	-	MCV1	Record or Recall<12m	64	12-23 m	2265	57
PCV3	Record or Recall<12m	73.9	24-35 m	1396	-	POL1	Recall	36.9	12-23 m	974	57
POL1	Record	54.7	24-35 m	1396	-	POL1	Record	56.4	12-23 m	1291	57
POL1	Record or Recall	94.1	24-35 m	1396	-	POL1	Record or Recall	93.3	12-23 m	2265	57
POL1	Record or Recall<12m	91.6	24-35 m	1396	-	POL1	Record or Recall<12m	92.2	12-23 m	2265	57
POL3	Record	53.8	24-35 m	1396	-	POL3	Recall	20.2	12-23 m	974	57
POL3	Record or Recall	81.6	24-35 m	1396	-	POL3	Record	49.5	12-23 m	1291	57
POL3	Record or Recall<12m	77.4	24-35 m	1396	-	POL3	Record or Recall	69.8	12-23 m	2265	57
YFV	Record	53.5	24-35 m	1396	-	POL3	Record or Recall<12m	67.7	12-23 m	2265	57
YFV	Record or Recall	83.9	24-35 m	1396	-	YFV	Recall	25	12-23 m	974	57
YFV	Record or Recall<12m	74.8	24-35 m	1396	-	YFV	Record	44.3	12-23 m	1291	57
						YFV	Record or Recall	69.3	12-23 m	2265	57
						YFV	Record or Recall<12m	62.5	12-23 m	2265	57

2010 Enquête Démographique et de Santé et à Indicateurs Multiples EDS-MICS Cameroun, 2011

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	32	12-23 m	974	57
BCG	Record	55.1	12-23 m	1291	57
BCG	Record or Recall	87.1	12-23 m	2265	57
BCG	Record or Recall<12m	86	12-23 m	2265	57
DTP1	Recall	29.5	12-23 m	974	57
DTP1	Record	56	12-23 m	1291	57
DTP1	Record or Recall	85.5	12-23 m	2265	57
DTP1	Record or Recall<12m	84.7	12-23 m	2265	57
DTP3	Recall	19.2	12-23 m	974	57
DTP3	Record	49.1	12-23 m	1291	57
DTP3	Record or Recall	68.4	12-23 m	2265	57
DTP3	Record or Recall<12m	66.3	12-23 m	2265	57
HEPB1	Recall	25.7	12-23 m	974	57
HEPB1	Record	54.3	12-23 m	1291	57
HEPB1	Record or Recall	80	12-23 m	2265	57
HEPB1	Record or Recall<12m	79.3	12-23 m	2265	57
HEPB3	Recall	16.5	12-23 m	974	57
HEPB3	Record	48.4	12-23 m	1291	57

2010 Enquete post campagne de vaccination au Cameroun en 2011

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	34.7	12-23 m	-	63
BCG	Record	56	12-23 m	-	63
BCG	Record or Recall	90.7	12-23 m	721	63
BCG	Record or Recall<12m	88.1	12-23 m	-	63
DTP1	Recall	30.7	12-23 m	-	63
DTP1	Record	54.5	12-23 m	-	63
DTP1	Record or Recall	85.2	12-23 m	721	63
DTP1	Record or Recall<12m	84.3	12-23 m	-	63
DTP3	Recall	30.1	12-23 m	-	63
DTP3	Record	48.1	12-23 m	-	63
DTP3	Record or Recall	78.2	12-23 m	721	63
DTP3	Record or Recall<12m	76.6	12-23 m	-	63
HEPB1	Recall	30.7	12-23 m	-	63
HEPB1	Record	54.5	12-23 m	-	63
HEPB1	Record or Recall	85.2	12-23 m	721	63
HEPB1	Record or Recall<12m	84.3	12-23 m	-	63
HEPB3	Recall	30.1	12-23 m	-	63

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HEPB3	Record	48.1	12-23 m	-	63	DTP3	Record	58.9	12-23 m	1320	66
HEPB3	Record or Recall	78.2	12-23 m	721	63	DTP3	Record or Recall	75.2	12-23 m	1320	66
HEPB3	Record or Recall<12m	76.6	12-23 m	-	63	DTP3	Record or Recall<12m	72.3	12-23 m	1320	66
HIB1	Recall	30.7	12-23 m	-	63	HEPB1	Recall	5.1	12-23 m	1320	66
HIB1	Record	54.5	12-23 m	-	63	HEPB1	Record	34.9	12-23 m	1320	66
HIB1	Record or Recall	85.2	12-23 m	721	63	HEPB1	Record or Recall	40	12-23 m	1320	66
HIB1	Record or Recall<12m	84.3	12-23 m	-	63	HEPB1	Record or Recall<12m	39.2	12-23 m	1320	66
HIB3	Recall	30.1	12-23 m	-	63	HEPB3	Recall	4.9	12-23 m	1320	66
HIB3	Record	48.1	12-23 m	-	63	HEPB3	Record	30.6	12-23 m	1320	66
HIB3	Record or Recall	78.2	12-23 m	721	63	HEPB3	Record or Recall	35.5	12-23 m	1320	66
HIB3	Record or Recall<12m	76.6	12-23 m	-	63	HEPB3	Record or Recall<12m	34.4	12-23 m	1320	66
MCV1	Recall	26.7	12-23 m	-	63	MCV1	Recall	29.2	12-23 m	1320	66
MCV1	Record	47.9	12-23 m	-	63	MCV1	Record	49.7	12-23 m	1320	66
MCV1	Record or Recall	74.6	12-23 m	721	63	MCV1	Record or Recall	78.8	12-23 m	1320	66
MCV1	Record or Recall<12m	74.1	12-23 m	-	63	MCV1	Record or Recall<12m	72.5	12-23 m	1320	66
POL1	Recall	32.5	12-23 m	-	63	POL1	Recall	28.4	12-23 m	1320	66
POL1	Record	55	12-23 m	-	63	POL1	Record	64.6	12-23 m	1320	66
POL1	Record or Recall	87.5	12-23 m	721	63	POL1	Record or Recall	93	12-23 m	1320	66
POL1	Record or Recall<12m	84.9	12-23 m	-	63	POL1	Record or Recall<12m	92	12-23 m	1320	66
POL3	Recall	30.8	12-23 m	-	63	POL3	Recall	13.7	12-23 m	1320	66
POL3	Record	49.8	12-23 m	-	63	POL3	Record	55.8	12-23 m	1320	66
POL3	Record or Recall	80.6	12-23 m	721	63	POL3	Record or Recall	69.5	12-23 m	1320	66
POL3	Record or Recall<12m	76.5	12-23 m	-	63	POL3	Record or Recall<12m	67.4	12-23 m	1320	66
YFV	Recall	45.9	12-23 m	-	63	YFV	Recall	13.8	12-23 m	2834	66
YFV	Record	26.9	12-23 m	-	63	YFV	Record	43.6	12-23 m	1320	66
YFV	Record or Recall	72.8	12-23 m	721	63	YFV	Record or Recall	57.4	12-23 m	1320	66
						YFV	Record or Recall<12m	53.9	12-23 m	1320	66

2005 Cameroun, Enquête par grappes à indicateurs multiples 2006

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	25.4	12-23 m	1320	66
BCG	Record	64.6	12-23 m	1320	66
BCG	Record or Recall	90	12-23 m	1320	66
BCG	Record or Recall<12m	88.9	12-23 m	1320	66
DTP1	Recall	23.4	12-23 m	1320	66
DTP1	Record	64.9	12-23 m	1320	66
DTP1	Record or Recall	88.3	12-23 m	1320	66
DTP1	Record or Recall<12m	87.1	12-23 m	1320	66
DTP3	Recall	16.3	12-23 m	1320	66

2004 Enquête nationale de couverture vaccinale des enfants de 12 à 23 mois au Cameroon

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Record	50.8	12-23 m	3520	52
BCG	Record or Recall	89.5	12-23 m	3520	52
DTP1	Record	50.1	12-23 m	3520	52
DTP1	Record or Recall	84.4	12-23 m	3520	52
DTP3	Record	44.6	12-23 m	3520	52
DTP3	Record or Recall	74.5	12-23 m	3520	52
MCV1	Record	40.4	12-23 m	3520	52

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MCV1	Record or Recall	70.7	12-23 m	3520	52
POL1	Record	50.1	12-23 m	3520	52
POL1	Record or Recall	87.8	12-23 m	3520	52
POL3	Record	45.1	12-23 m	3520	52
POL3	Record or Recall	72.8	12-23 m	3520	52
YFV	Record	38.5	12-23 m	3520	52
YFV	Record or Recall	67.5	12-23 m	3520	52

2003 L'Enquête Démographique et de Santé au Cameroun

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	30.2	12-23 m	1546	57
BCG	Record	55.5	12-23 m	1546	57
BCG	Record or Recall	85.7	12-23 m	1546	57
BCG	Record or Recall<12m	84.9	12-23 m	1546	57
DTP1	Recall	27.1	12-23 m	1546	57
DTP1	Record	55.6	12-23 m	1546	57
DTP1	Record or Recall	82.6	12-23 m	1546	57
DTP1	Record or Recall<12m	81.1	12-23 m	1546	57
DTP3	Recall	15.6	12-23 m	1546	57
DTP3	Record	49.8	12-23 m	1546	57
DTP3	Record or Recall	65.4	12-23 m	1546	57
DTP3	Record or Recall<12m	62.7	12-23 m	1546	57
MCV1	Recall	20.7	12-23 m	1546	57
MCV1	Record	44.1	12-23 m	1546	57
MCV1	Record or Recall	64.8	12-23 m	1546	57
MCV1	Record or Recall<12m	55.7	12-23 m	1546	57
POL1	Recall	36.9	12-23 m	1546	57
POL1	Record	55.9	12-23 m	1546	57
POL1	Record or Recall	92.8	12-23 m	1546	57
POL1	Record or Recall<12m	91.1	12-23 m	1546	57
POL3	Recall	17.2	12-23 m	1546	57
POL3	Record	50.3	12-23 m	1546	57
POL3	Record or Recall	67.4	12-23 m	1546	57
POL3	Record or Recall<12m	65.1	12-23 m	1546	57
YFV	Recall	4.9	12-23 m	1546	57
YFV	Record	7.2	12-23 m	1546	57
YFV	Record or Recall	12.2	12-23 m	1546	57
YFV	Record or Recall<12m	7.1	12-23 m	1546	57

1999 Enquête à Indicateurs Multiples (MICS) au Cameroun 2000, 2001

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	36.8	12-23 m	661	49
BCG	Record	41.2	12-23 m	661	49
BCG	Record or Recall	78	12-23 m	661	49
BCG	Record or Recall<12m	75.7	12-23 m	661	49
DTP1	Recall	27.3	12-23 m	661	49
DTP1	Record	42.1	12-23 m	661	49
DTP1	Record or Recall	69.4	12-23 m	661	49
DTP1	Record or Recall<12m	66.2	12-23 m	661	49
DTP3	Recall	9.3	12-23 m	661	49
DTP3	Record	35.5	12-23 m	661	49
DTP3	Record or Recall	44.8	12-23 m	661	49
DTP3	Record or Recall<12m	42.6	12-23 m	661	49
MCV1	Recall	28.7	12-23 m	661	49
MCV1	Record	33.2	12-23 m	661	49
MCV1	Record or Recall	61.9	12-23 m	661	49
MCV1	Record or Recall<12m	56.4	12-23 m	661	49
POL1	Recall	44.3	12-23 m	661	49
POL1	Record	41.5	12-23 m	661	49
POL1	Record or Recall	85.8	12-23 m	661	49
POL1	Record or Recall<12m	82.8	12-23 m	661	49
POL3	Recall	14.3	12-23 m	661	49
POL3	Record	35.4	12-23 m	661	49
POL3	Record or Recall	49.7	12-23 m	661	49
POL3	Record or Recall<12m	47.2	12-23 m	661	49

1997 Enquête Démographique et de Santé Cameroun 1998, 1999

Vaccine	Confirmation method	Coverage	Age cohort	Sample	Evidence seen
BCG	Recall	24.6	12-23 m	748	55
BCG	Record	50.2	12-23 m	748	55
BCG	Record or Recall	74.8	12-23 m	748	55
BCG	Record or Recall<12m	72.3	12-23 m	748	55
DTP1	Recall	21.3	12-23 m	748	55

DTP1	Record	52	12-23 m	748	55	POL1	Record	52.2	12-23 m	748	55
DTP1	Record or Recall	73.3	12-23 m	748	55	POL1	Record or Recall	83.7	12-23 m	748	55
DTP1	Record or Recall<12m	70.1	12-23 m	748	55	POL1	Record or Recall<12m	80.5	12-23 m	748	55
DTP3	Recall	8.9	12-23 m	748	55	POL3	Recall	5.1	12-23 m	748	55
DTP3	Record	41.7	12-23 m	748	55	POL3	Record	42	12-23 m	748	55
DTP3	Record or Recall	50.5	12-23 m	748	55	POL3	Record or Recall	47.1	12-23 m	748	55
DTP3	Record or Recall<12m	45.8	12-23 m	748	55	POL3	Record or Recall<12m	42.4	12-23 m	748	55
MCV1	Recall	15.6	12-23 m	748	55	YFV	Record	1.7	12-23 m	748	55
MCV1	Record	38.6	12-23 m	748	55	YFV	Record or Recall	5.9	12-23 m	748	55
MCV1	Record or Recall	54.2	12-23 m	748	55	YFV	Record or Recall<12m	4.2	12-23 m	748	55
MCV1	Record or Recall<12m	43.6	12-23 m	748	55						
POL1	Recall	31.6	12-23 m	748	55						

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