



Kenya

WUENIC 2025 revision,
Published 15 July 2026



WHO/UNICEF Estimates of National Immunization Coverage (WUENIC), 2025 revision

Every year, WHO and UNICEF jointly review submissions from Member States on national immunization coverage, including annual administrative and official coverage, finalized survey reports and data from both published and grey literature. The data is triangulated with consideration of potential biases and local expert opinions to differentiate between accurately reflective empirical data and potentially misleading data, to assess the most likely coverage levels for each country.

WHO and UNICEF produce country-specific estimates by reviewing each country's data independently, without borrowing from other countries when data are missing. The estimates are not ad hoc adjustments to reported figures and may rely on a single empirical source, typically nationally reported coverage. When no data exist for a specific country-vaccine-year, earlier and later data are interpolated. If sources conflict or vary widely, the most plausible estimate is selected after considering potential biases.

This slide deck presents the latest WUENIC estimates (published 15 July 2026), using UNPD World Population Prospects (WPP 2024) for population-weighted averages and to derive absolute numbers of vaccinated and unvaccinated/zero-dose children.

Methods: • [Burton et al. 2009. WHO and UNICEF estimates of national infant immunization coverage: methods and processes.](#)

- [Burton et al. 2012. A formal representation of the WHO and UNICEF estimates of national immunization coverage: a computational logic approach.](#)
- [Brown et al. 2013. An introduction to the grade of confidence used to characterize uncertainty around the WHO and UNICEF estimates of national immunization coverage.](#)
- [Danovaro-Holliday et al. 2021. Compliance of WUENIC with Guidelines for Accurate and Transparent Health Estimates Reporting \(GATHER\) criteria.](#)

Definitions of immunization terms

Vaccine coverage

Percentage of infants (children under one year of age) who received certain vaccine-doses. For example, coverage of DTP3 is the percentage of infants who received all three doses of diphtheria, tetanus, and pertussis (DTP) vaccine.

Unvaccinated

An infant that did not receive the first dose of a vaccine series. The term zero-dose is used to describe children unvaccinated with DTP1.

Under-vaccinated

An infant who received some but not all the recommended vaccine-doses in the national schedule.

Vaccine-Doses

- Bacillus Calmette-Guerin (BCG): vaccine against tuberculosis
- Hepatitis B birth dose, given within 24 hours after birth (HepBB)
- Diphtheria, tetanus, and pertussis vaccine, first dose (DTP1) and third dose (DTP3)
- Hepatitis B vaccine, third dose (HepB3)
- Haemophilus influenzae type b vaccine, third dose (Hib3)
- Inactivated polio vaccine, first dose (IPV1) and last dose (IPVC)
- Measles containing vaccine, first dose (MCV1) and second dose (MCV2)
- Rotavirus vaccine, last dose (RotaC)
- Pneumococcal vaccine, last dose (PCVC)
- Yellow Fever vaccine (YFV)
- Meningococcal A vaccine (MengA)
- Human papillomavirus vaccine, first dose (HPV1) and last dose (HPVc): vaccine to protect against certain types of human papillomavirus that can lead to cancer or genital warts

The Immunization Agenda 2030 (IA2030)

The IA2030 is a global strategy endorsed by the World Health Assembly aiming to ensure everyone, everywhere, at every age benefits from vaccines for improved health and well-being by 2030. It focuses on increasing vaccine coverage, equity, sustainability and pandemic preparedness while promoting life-course immunization and integrating immunization with other health services.

Key concepts

- The World Health Organization (WHO) provides global vaccine recommendations, which are adapted by countries based on local needs. Only DTP, polio and measles-containing vaccines are used in all countries.
- DTP1 is a marker of access to routine immunization services, and when not received, serves as a proxy for identifying children who have not received any vaccinations, also known as "zero-dose" children. High DTP1 coverage indicates good access to immunization services, while low coverage suggests challenges in reaching children with essential vaccines.
- DTP3 is a widely used indicator of immunization programme performance. It reflects a country's ability to deliver routine immunization services and ensures children are protected against serious disease. DTP3 is tracked globally and serves as a key measure of a nation's vaccination efforts.
- DTP1-DTP3 drop-out measures the percentage of children who received DTP1 but not DTP3, and highlights where children are lost along the vaccination pathway, highlighting potential weaknesses in service delivery and follow-up.
- MCV1 (usually recommended between 9-12 months) assesses the ability to deliver vaccines later in infancy. It serves as a tracer for protection against measles and is a good indicator of health system performance.
- HPV vaccine protects against specific types of human papilloma virus (HPV), and is used to measure life cycle vaccination.
- Other key indicators include PCVC and MCV2, which are used to monitor the Sustainable Development Goals (SDGs).
- Together, these indicators provide a consistent and comparable way to track immunization progress, identify missed communities and monitor global targets, including those under the Immunization Agenda 2030 (IA2030) and Sustainable Development Goals (SDGs).

Key messages

- DTP1 coverage declined 2 percentage points from 93% in 2024 to 91% in 2025.
- DTP3 coverage declined 3 percentage points from 91% in 2024 to 88% in 2025.
- There were 31,000 more zero-dose children in 2025. This leaves 135,000 children without vaccination, vulnerable to vaccine-preventable diseases and a further 45,000 with incomplete protection.
- Kenya accounted for 4.8% of zero-dose children in Eastern and Southern Africa (ESAR) and 1% of zero-dose children globally.
- MCV1 coverage declined 2 percentage points from 82% in 2024 to 80% in 2025. There were 300,000 children who missed out on the first measles vaccination.
- MCV2 coverage increased 5 percentage points from 76% in 2024 to 81% in 2025.
- Last dose coverage of HPV vaccination (HPVc) among girls increased from 36% to 69% in 2025 due to improved programme performance.

Vaccination schedule, 2025

Level	Vaccine	Dose number and age administered			
		1	2	3	4
National	BCG	Birth			
National	DTWPHIBHEPB	6 weeks	10 weeks	14 weeks	
National	HPV (females)	10 years	+6 months		
National	IPV	14 weeks	9 months		
Subnational	MALARIA	6 months	7 months	9 months	24 months
National	MR	9 months	18 months		
National	OPV	Birth	6 weeks	10 weeks	14 weeks
National	PCV	6 weeks	10 weeks	14 weeks	
National	Rotavirus	6 weeks	10 weeks	14 weeks	
Subnational	YF	9 months			

This table shows the 2025 national immunization schedule for routine services in Kenya, reported through the WHO/UNICEF Joint Reporting Form on Immunization (JRF).

Each row corresponds to a vaccine or combination vaccine, indicating whether it is delivered at the national or subnational level. The schedule outlines the number of doses and the recommended ages for administration. Only childhood and adolescent vaccines relevant to WUENIC are included.

Vaccine introduction years

Vaccine	National introduction	Partial introduction	Risk areas
HPV (Human papillomavirus) vaccine	2019		
HepB birth dose	Not introduced		
Hepatitis B vaccine	2001		
Hib (Haemophilus influenzae type B) vaccine	2001		
IPV (Inactivated polio vaccine)	2015		
IPV (Inactivated polio vaccine) 2nd dose	2025		
Malaria vaccine	Not introduced	2019	
Measles-containing vaccine 2nd dose	2013		
Meningococcal meningitis vaccines (any strain)	Not introduced		
Mumps vaccine	Not introduced		
PCV (Pneumococcal conjugate vaccine)	2011		
RSV (Respiratory syncytial virus) immunization strategy	Not introduced		
Rotavirus vaccine	2014		
Rubella vaccine	2017		
Typhoid conjugate vaccine	2025		

This table displays the year each vaccine was introduced in Kenya. If a vaccine has been suspended, no introduction year is shown, but if it was suspended and later reintroduced, the year of reintroduction is provided. The introduction years can reflect nationwide rollout, partial (subnational) rollout, or introduction targeted to specific risk groups or high-risk areas, as indicated in the column headers.

Vaccine stockouts

Vaccines / supplies	2021	2022	2023	2024	2025
BCG	National (0.8m)			National (3m) and subnational	National (2m) and subnational
HPV		National (1m)			National (0.1m) and subnational
IPV	National (4m) and subnational	National (0.2m)			
Measles-Rubella (MR)				National (3m) and subnational	
OPV	National (2m) and subnational	National (3.8m) and subnational		National (3m) and subnational	
Rotavirus	National (5m) and subnational	National (9.8m) and subnational	National (2m) and subnational		
YFV		National (0.4m)			National (2m) and subnational

This table presents reported vaccine stockouts of childhood vaccines relevant to WUENIC at the national and subnational levels over the last 5 years (2021 to 2025). Where available, the duration of national-level stockouts is indicated in months. Subnational stockouts are noted without specifying duration. Only vaccines that had a stockout during the specified time period are displayed.

A stockout refers to a period when vaccine storage and distribution points (e.g., national or district stores) are fully depleted, including buffer stock, and are unable to supply vaccines to lower-level stores or facilities. It is important to note that facility-level stockouts can still occur even when upper-level stores have inventory. Stockouts, especially prolonged ones, can negatively impact immunization coverage.

In 2025, coverage increased for three antigens, remained unchanged for none, and declined for 11, indicating limited improvement in routine immunization performance; one achieved at least 90% coverage.

Vaccine coverage, Kenya, 2000-2025

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
BCG	93	95	91	87	87	85*	92	92	98*	99	99	99*	97*	92	94*	87*	97*	87*	93*	96*	97	94*	94	90	87*	88*
DTP1	83	84	90	89	87*	85	90	89	90*	92	93*	98*	98*	95	97	96	89	82	93*	96*	97*	99	99	97	93	91
DTP3	82	80	84	73	73*	76	80	81	88*	88	90*	96*	94*	87	92	89	88	81	91*	93*	93*	95	94	93	91	88
Hib3			84	73	73*	76	80	81*	88*	88	90*	96*	94*	87	92	89	88	81	91*	93*	93*	95	94	93	91	88
HepB3			84	73	73*	76	80	81	88*	88	90*	96*	94*	87	92	89	88	81	91*	93*	93*	95	94	93	91	88
PCVC												85	82	77	84	80	83	78	89	93	92	94	93	91	89	87
RotaC															19*	66	74	67	84	92*	92*	95*	29*	71*	82	79
IPV1																	70	78	86	88*	92*	94*	92*	92	88	86
IPVC																										9
MCV1	78	77	78	72	73	69	77	80	90	88	86	87	93	94	95	96	93	84	92*	92*	89*	88	85	85	82*	80
RCV1																		84	92	92	89	88	85	85	82*	80
MCV2																28	35	41	53*	60*	67*	71	70	76	76*	81
YFV			1	1	1	1	1*	1	1	1	1	1	2	2	1	1*	1*	1*	1*	2	7	7	4*	6	4	3*
HPVc																					16	44	17	32	36	69



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision.
Note: Stock information available from 2003.
An asterisk (*) indicates where there was a vaccine stockout at the national or subnational level.

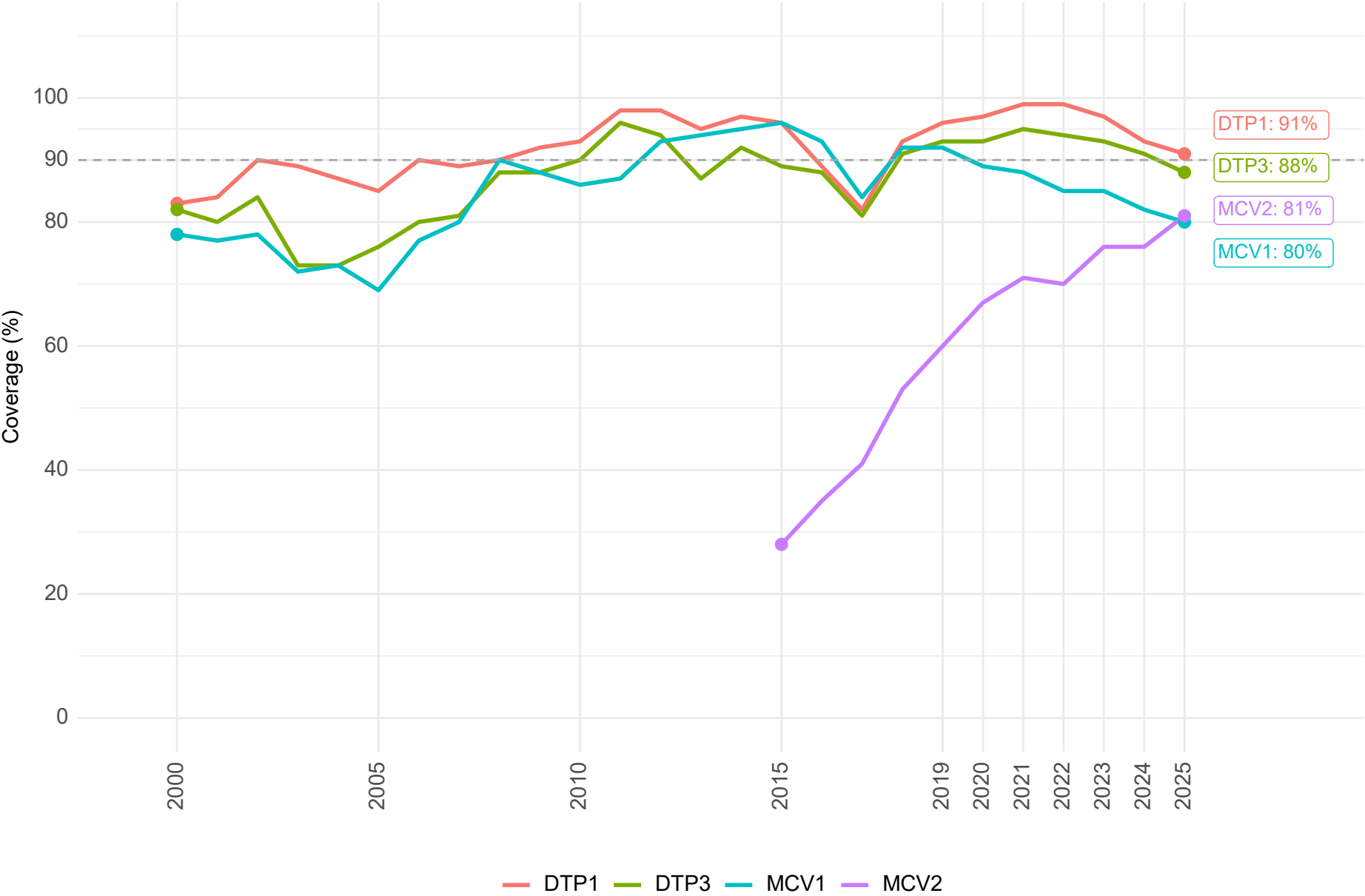
This heatmap shows trends in vaccine coverage since 2000, with green cells indicating coverage of 90% or more.

In 2025, all 14 (7%) vaccines in the schedule achieved coverage of 90% or more. Vaccine coverage ranged from 3% to 91%.

Since 2002, estimates have been made for 10 new vaccines. IPVc is the newest vaccine reported (2025), which achieved 9% coverage in 2025.

In 2025, Kenya reported stockouts of vaccines/supplies (BCG, HPV, and YFV) (more information on slide 8).

Coverage of key childhood vaccines (%), Kenya, 2000-2025



This chart shows coverage trends for the DTP and measles vaccines. These are key antigens for assessing national immunization programmes.

In 2025, DTP1 coverage (a proxy for access to immunization services) was 80%.

DTP3 coverage - a marker of how well countries are delivering immunization services to children - fell short of, but was close to the 90% target.

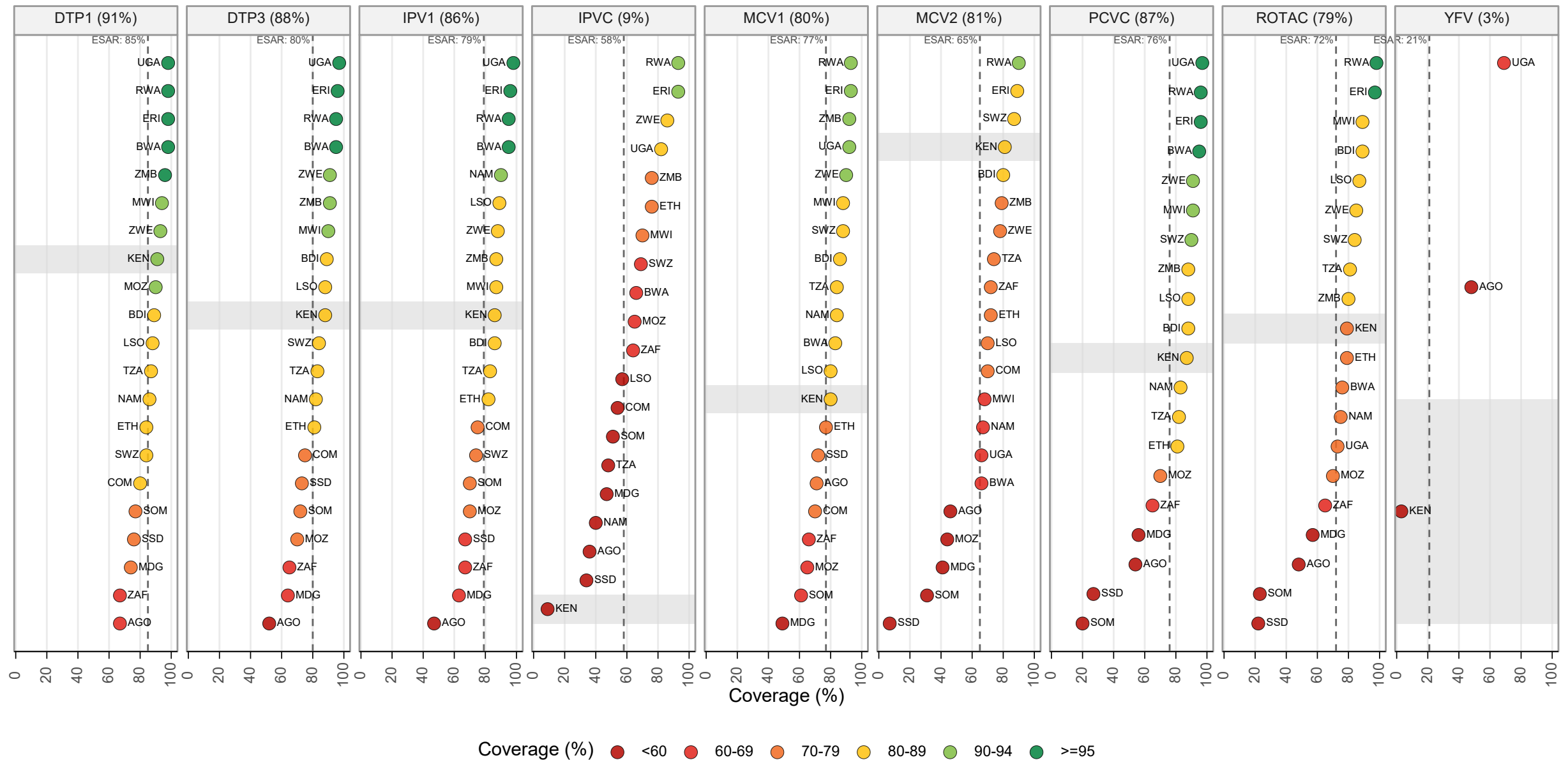
WHO recommends that countries achieve at least 95% coverage with both the first (MCV1) and second (MCV2) doses of measles-containing vaccine. MCV1 provides initial protection and MCV2 ensures long-term immunity and closes gaps in coverage.

In 2025, MCV1 coverage was below the 95% target and MCV2 coverage was below the 95% target.

Between 2024 and 2025, 1 vaccines increased coverage, 3 declined and 0 remained the same.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

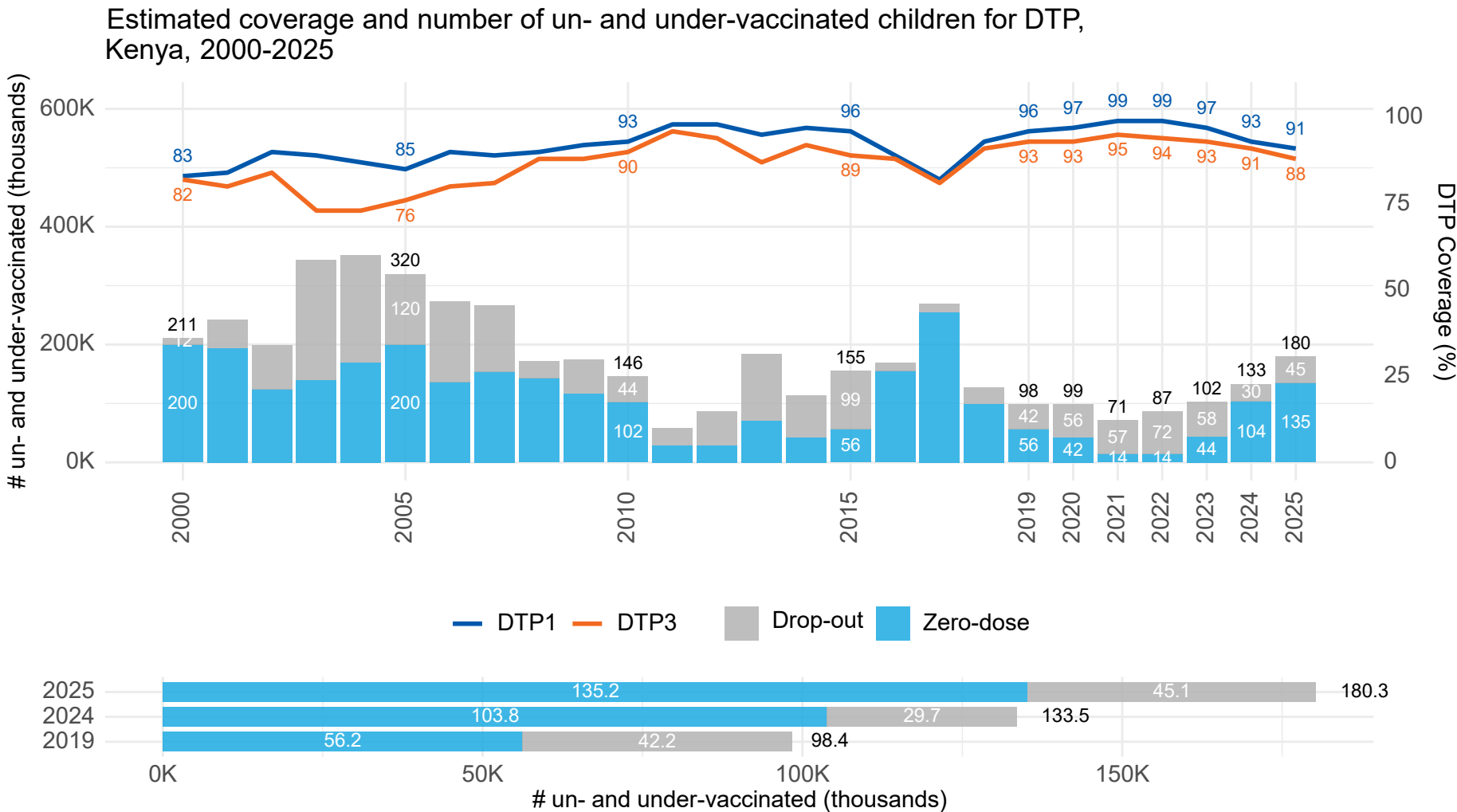
Vaccine coverage compared with other countries in the region, ESAR, 2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Country ISO codes displayed. Coverage in ken shown in the headers. Regional average coverage shown by the dashed line.

DTP1

In 2025, DTP1 coverage was 91% and DTP3 was 88%, leaving 180,000 children un- or under-vaccinated, including 135,000 zero-dose and 45,000 with only partial protection.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Lines show vaccine coverage and bars show number of children.
Zero-dose children are those who did not receive DTP1.

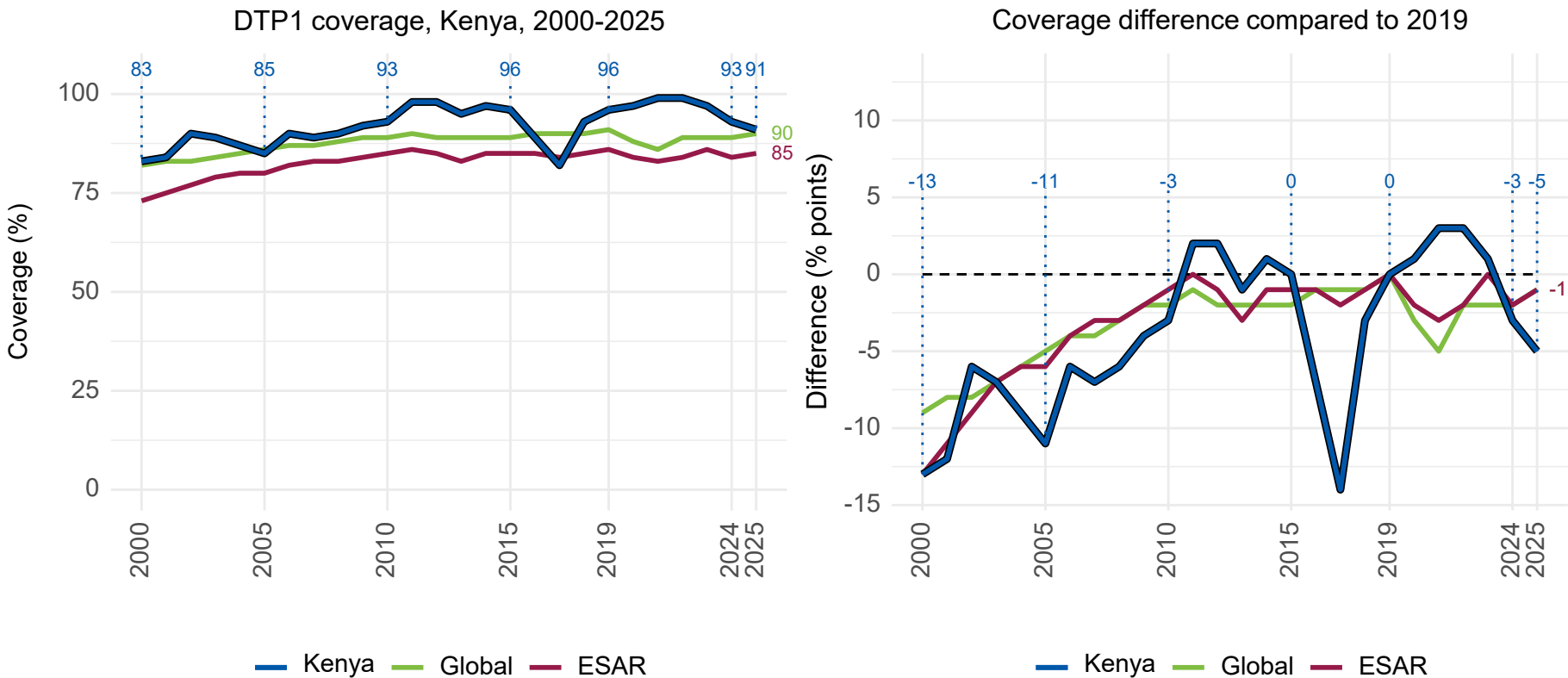
The key goal of the Immunization Agenda 2030 is to make vaccination available to everyone, everywhere, by 2030.

This chart shows diphtheria, tetanus and pertussis-containing vaccine first (DTP1) and third dose (DTP3) coverage trends, the number of zero-dose children and DTP drop-out in Kenya.

In 2025, DTP1 coverage in Kenya declined at 91%. The number of children missing out on any DTP vaccination (zero-dose children) increased from 104,000 in 2024 to 135,000 in 2025.

DTP3 coverage declined at 88% in 2025, leaving 180,000 children vulnerable to vaccine-preventable diseases.

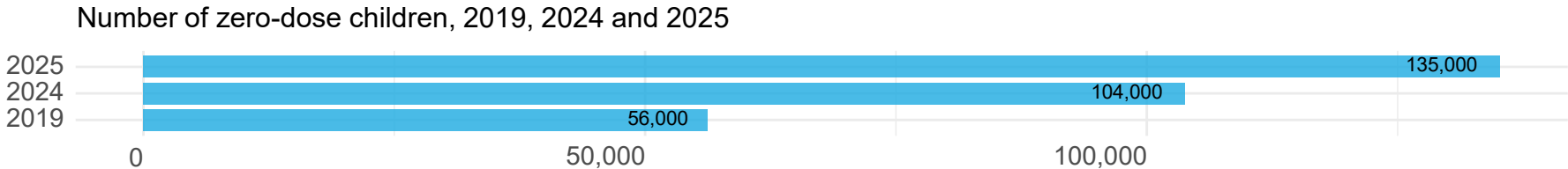
In 2025, Kenya DTP1 coverage was 91% - this is 5 percentage points lower than in 2019 and higher than both the global and regional averages.



In 2025, DTP1 coverage in Kenya (91%) was 1 percentage point higher than the global average (90%) and 6 percentage points higher than the average across all ESAR countries (85%).

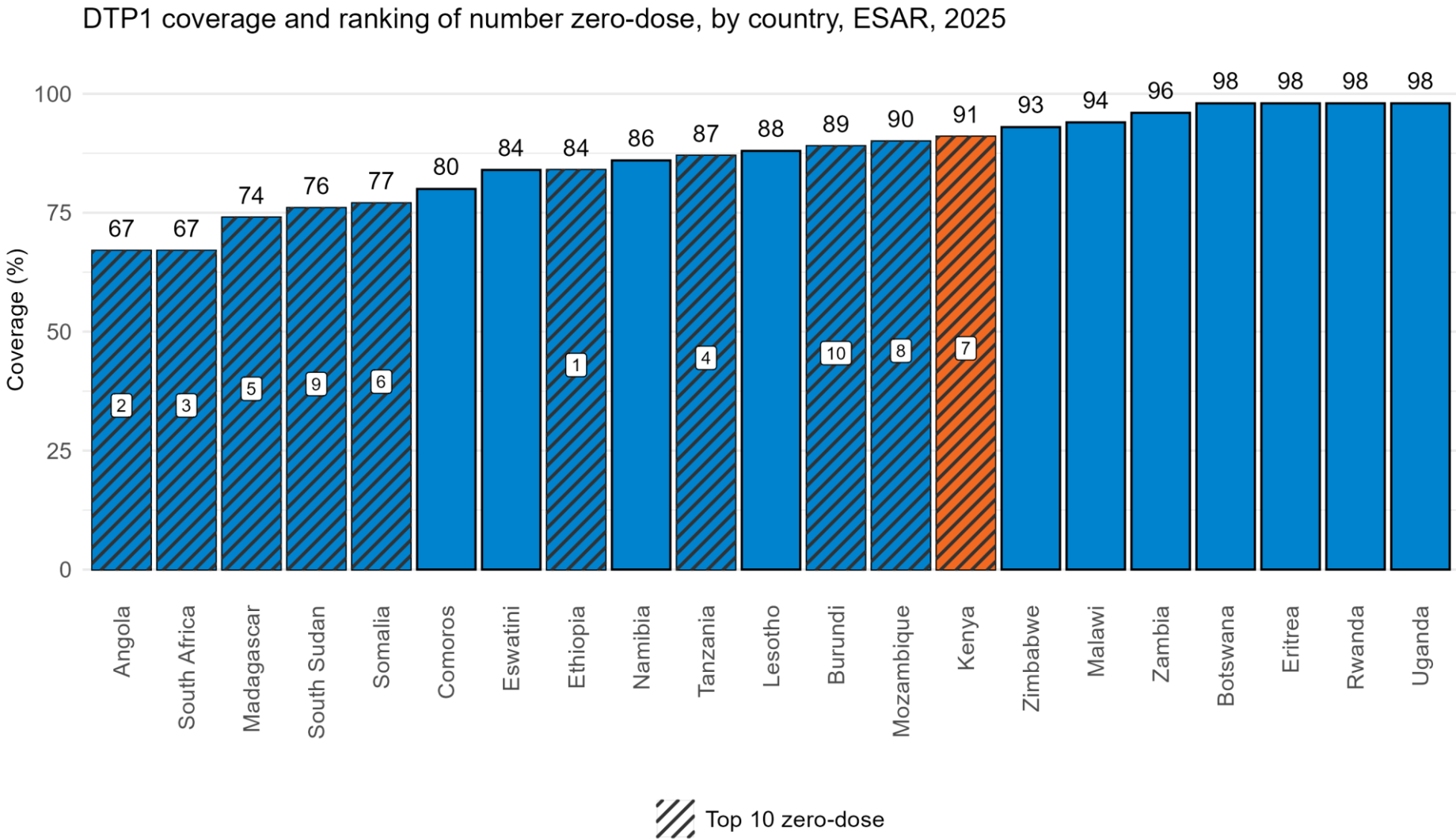
National DTP1 coverage was 5 percentage points lower than in 2019 (96%).

This equates to 135,000 zero-dose children in 2025 compared to 56,000 zero-dose children in 2019.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Coverage difference compared to 2019 - values above zero indicate coverage higher than in 2019 and values below zero indicate coverage lower than in 2019

In 2025, Kenya was among the countries with the highest coverage, but in the top 10 countries with the highest number of zero-dose children in the region.



This chart shows DTP1 coverage in countries in ESAR from lowest to highest coverage, and the rank of the top 10 countries with the most zero-dose children, based on absolute numbers.

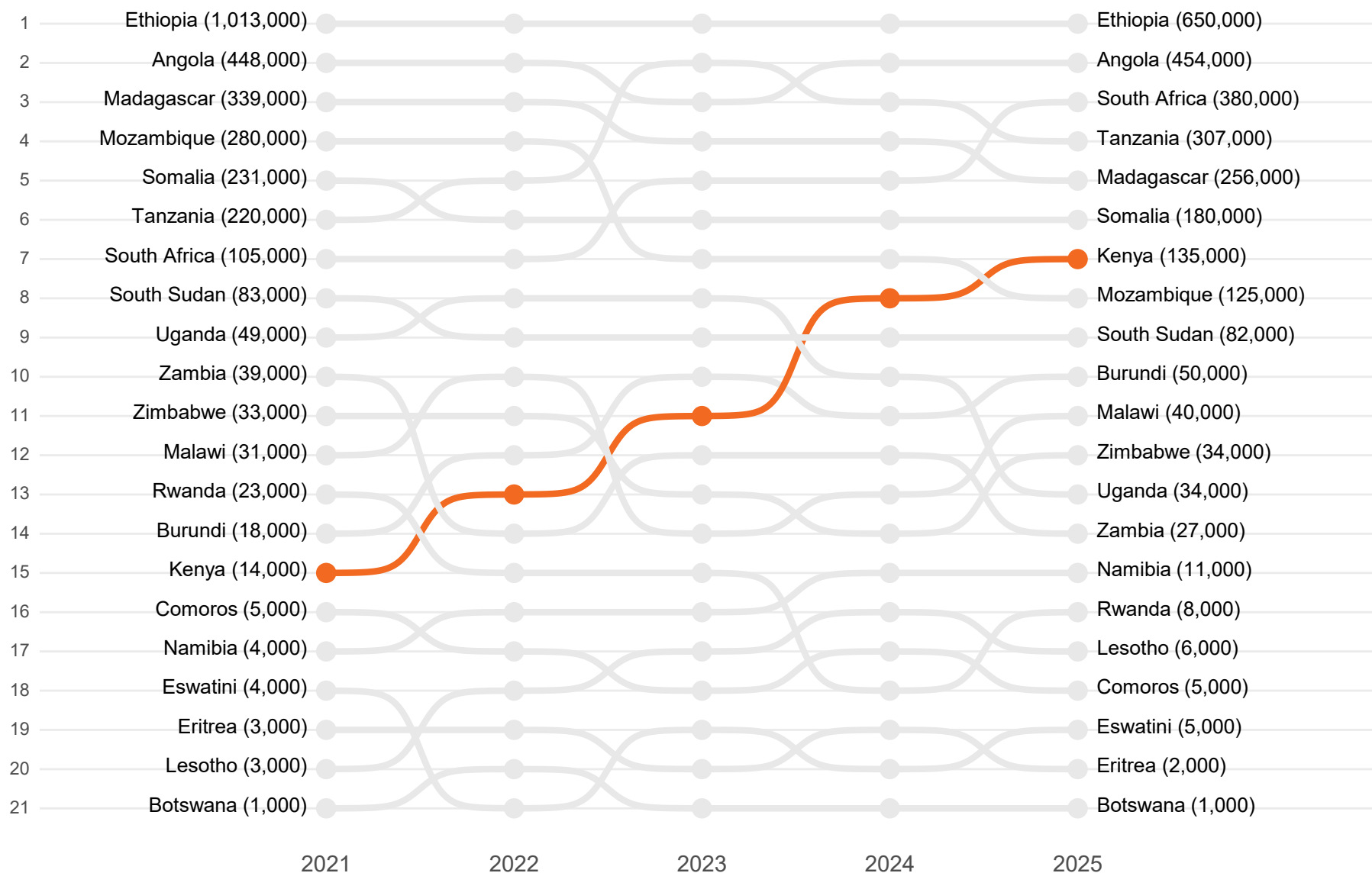
In 2025, Kenya ranked number 14 out of 21 countries for lowest DTP1 coverage (based on tied ranks).

Kenya was in the top 10 countries with the most zero-dose children (rank=7).

Note: Large cohort countries may have high numbers of zero-dose children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Bars are ranked by ascending coverage. Numbers in bubbles display top 10 rank based on absolute number of zero-dose children.

Countries ranked by number of zero-dose children, ESAR, 2021-2025



This chart compares the ranking of countries in the region based on the absolute number of zero-dose children, with rank 1 representing the country with the most zero-dose children.

In 2021, Kenya ranked number 15 out of 21 countries with 14,000 zero-dose children.

In 2025, Kenya ranked number 7 out of 21 countries with 135,000 zero-dose children.

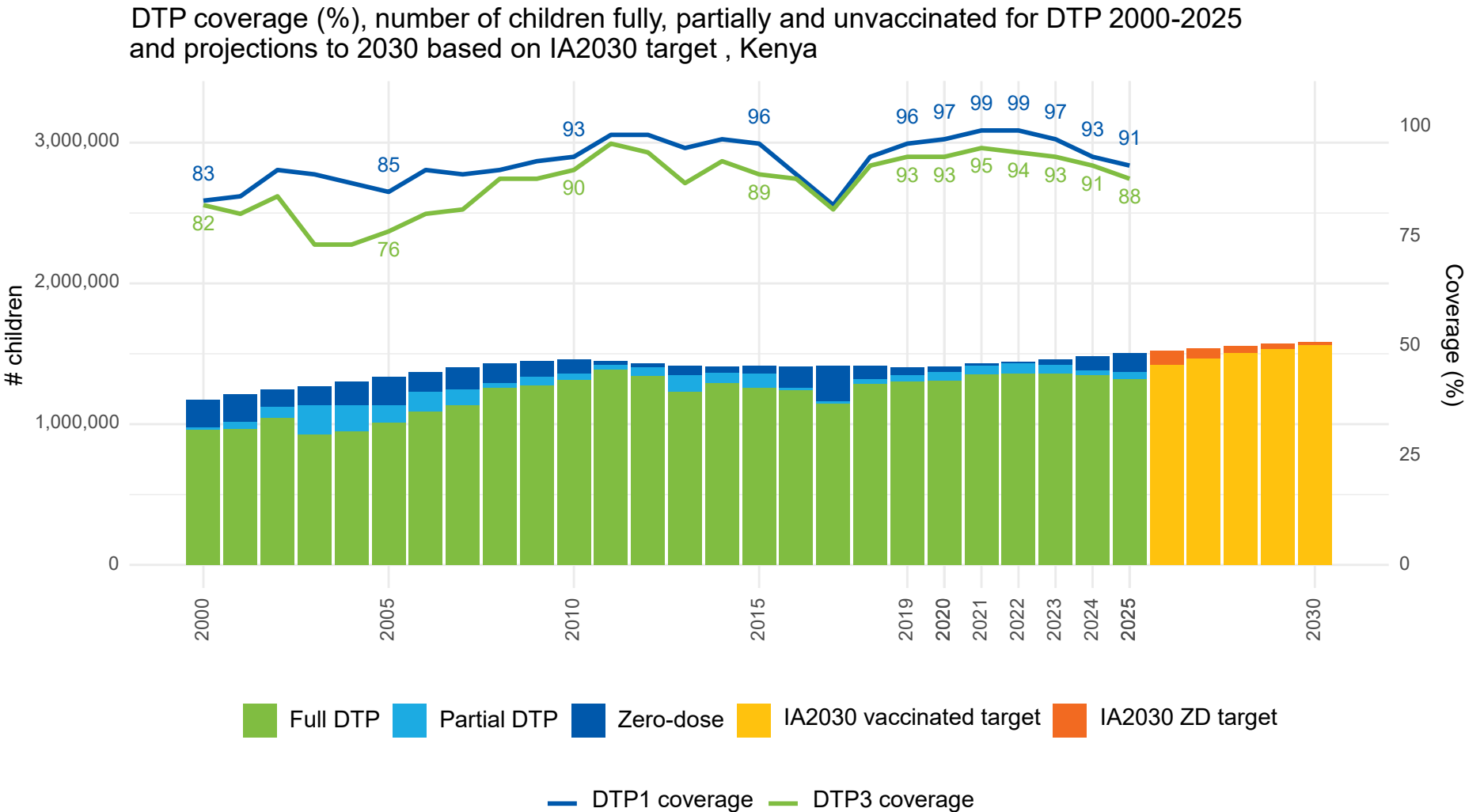
Note: Absolute numbers of zero-dose children is based on a combination of programme performance and surviving infant target population size. Countries may climb to a higher rank despite a decline in number of zero-dose children as the ranking also depends on performance of other countries in the region.



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Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Number in parentheses is the number of zero-dose children.

More children need to be vaccinated each year to achieve the IA2030 goal of halving the number of zero-dose children by 2030, with a projected large increase in surviving infants.



IA2030 calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. This chart shows the annual number of children required to be vaccinated to reach the ZD target.

IA2030 calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. This chart shows the annual number of children required to be vaccinated to reach the ZD target.

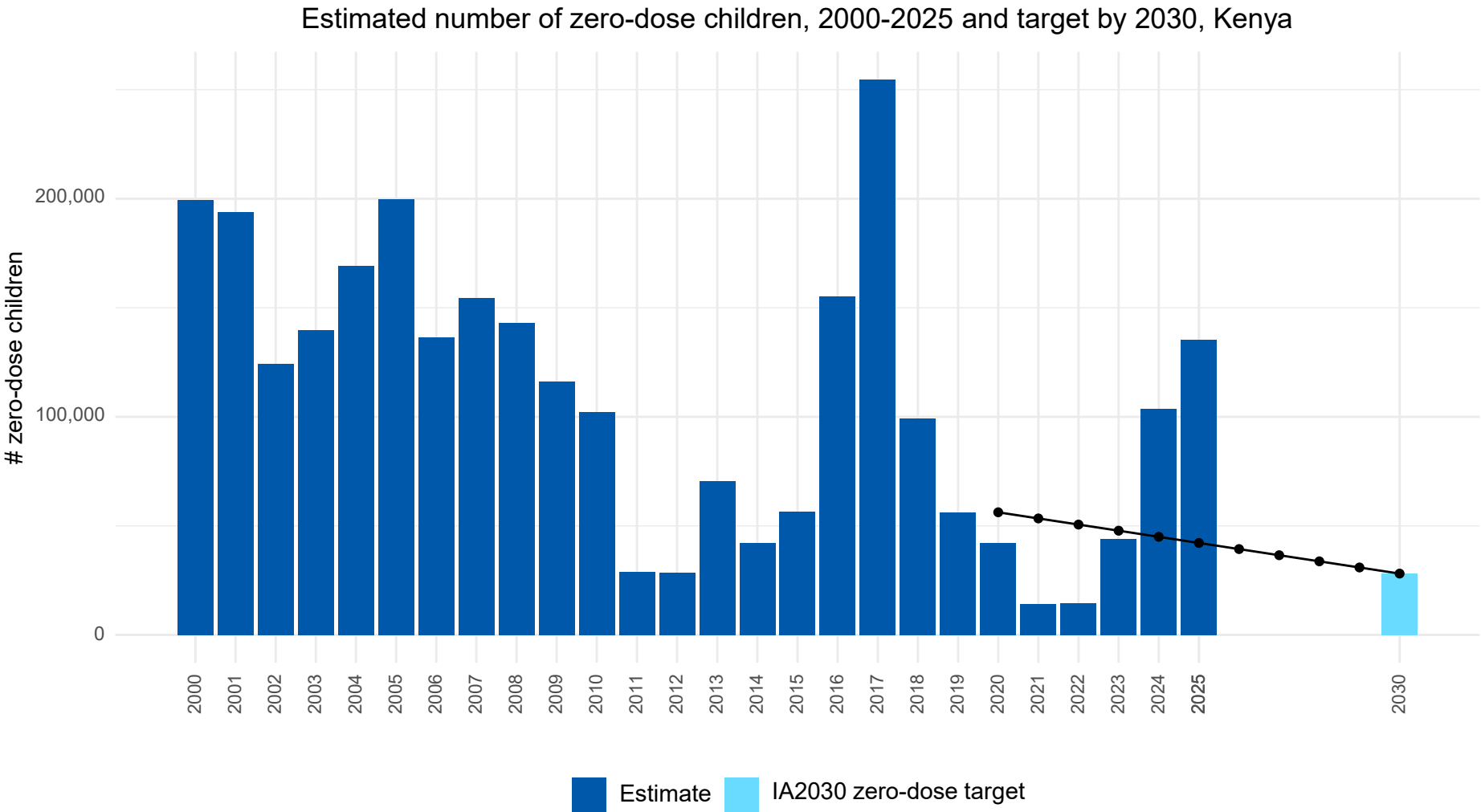
Kenya is projected to have a large increase ($\geq 50,000$) in the number of surviving infants by 2030. Maintaining current coverage requires vaccinating an increasing number of children.

To achieve the IA2030 ZD target, more ($\sim 2.66\%$) children need to be vaccinated with DTP1 each year.

To improve coverage and reach the 2030 ZD target will require substantial increases in immunization programme and health system capacity.

Sources: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision; United Nations, Department of Economic and Social Affairs, Population Division (2024). World Population Prospects 2024, Online Edition. Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero dose children in 2019 by half by 2030.

In 2025, the number of zero-dose children was 221% above the annual IA2030 goal, putting the 2030 goal at serious risk without accelerated action.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

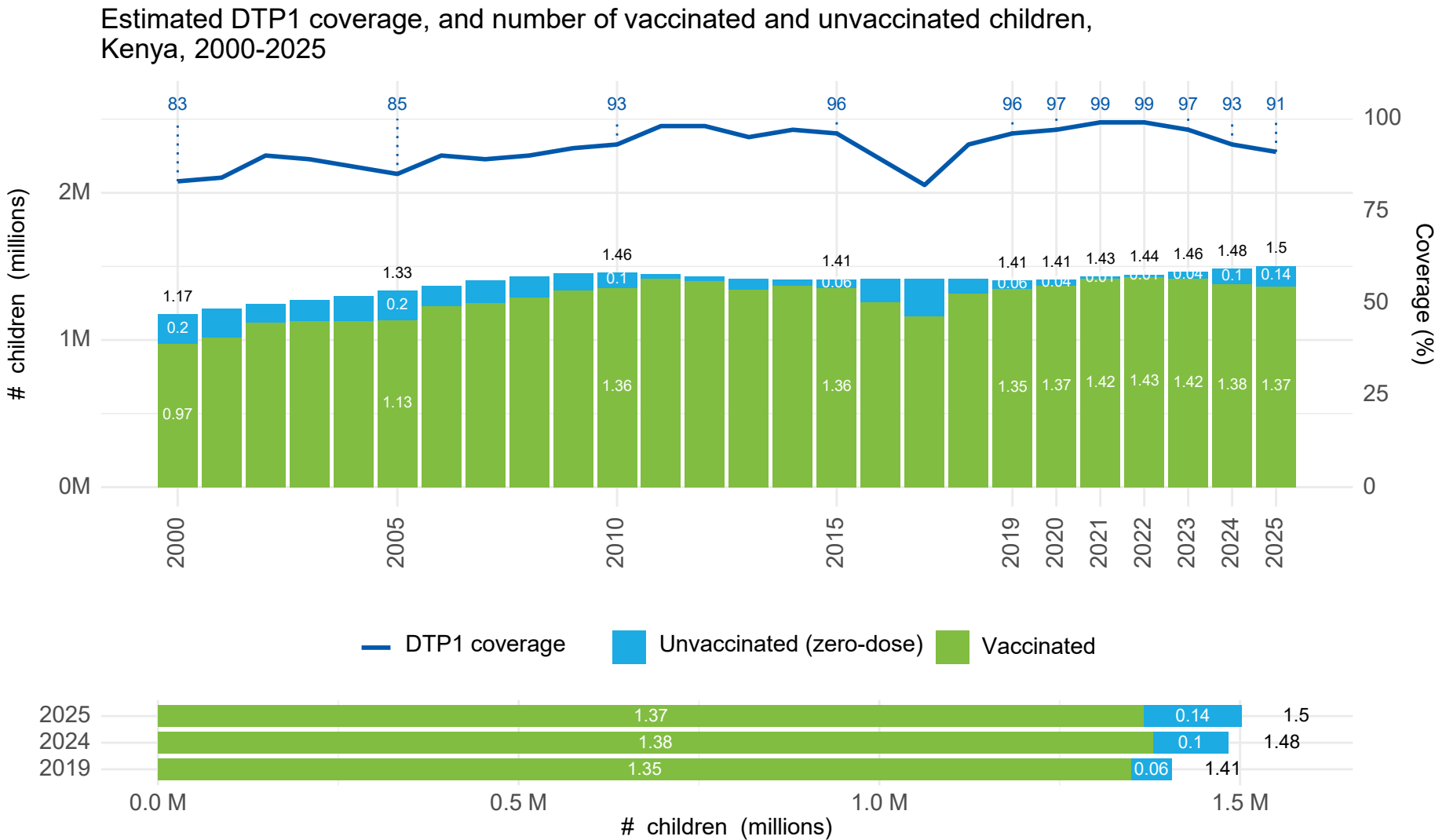
Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. Dark blue bars are the estimated number of zero-dose children in 2000-2025, light blue bar is the target number of zero-dose children by 2030. The line and points show the yearly progress and trajectory to meet the target by 2030, based on a linear decline.

IA2030 aims to leave no one behind with immunization and calls on all countries to reduce the number of zero dose children by half by 2030.

- This chart shows:
- Estimated number of zero-dose children in 2000-2025 (dark blue bars)
 - Zero-dose target by 2030 (light blue bar)
 - Trajectory to reach the 2030 target based on a linear decline (points)

In 2025, the number of zero-dose children was approximately 221% higher than the annual number proposed to reach the target, based on a linear trajectory of decline.

For vaccine coverage to increase, the number of children vaccinated must increase at a faster rate than the population increases.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

DTP1 coverage in 2025 (91%) was lower than in 2019 (96%).

The number of children vaccinated with DTP1 increased 1% compared to in 2019.

The number of surviving infants increased approximately 7% compared to in 2019.

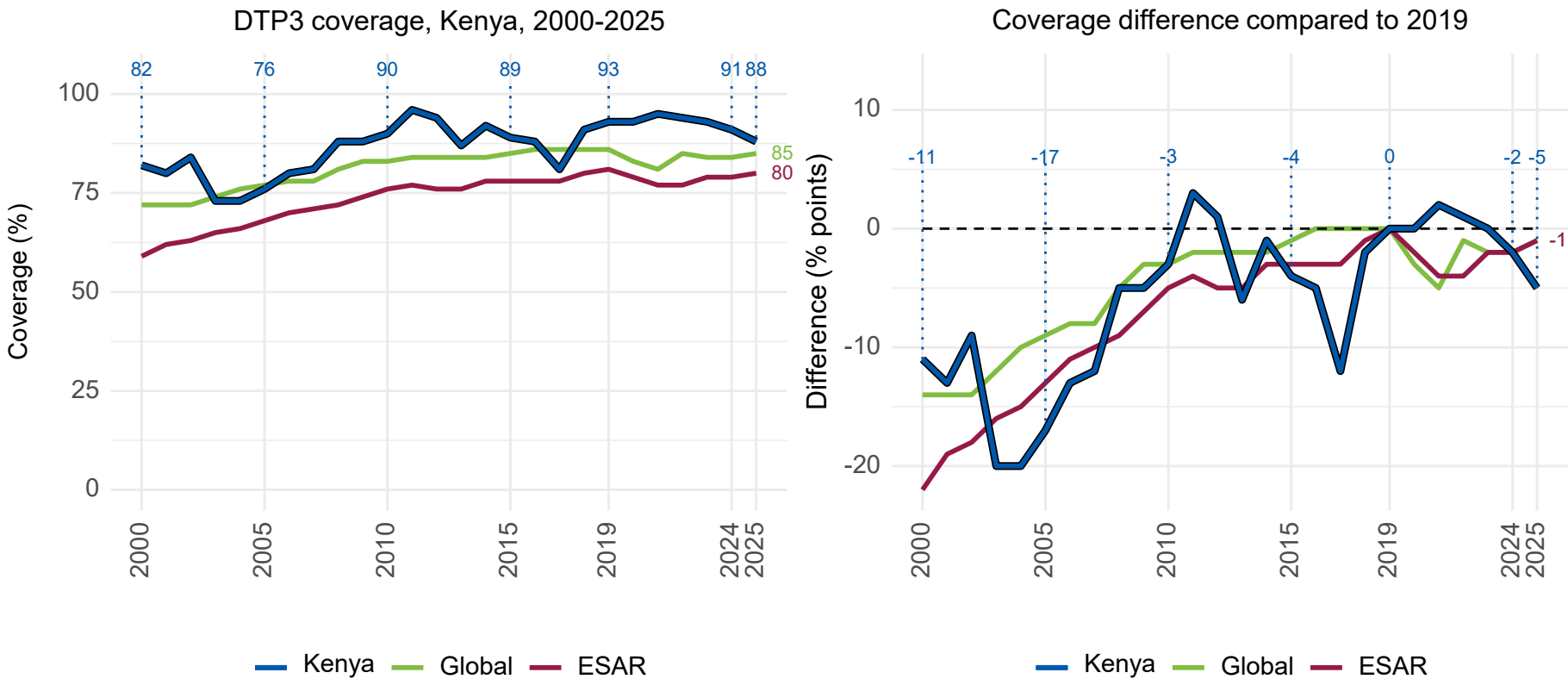
In 2025, more children were vaccinated than in 2019.

In 2025, there were 100,000 more surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated must increase at a faster rate than the population increases.

DTP3

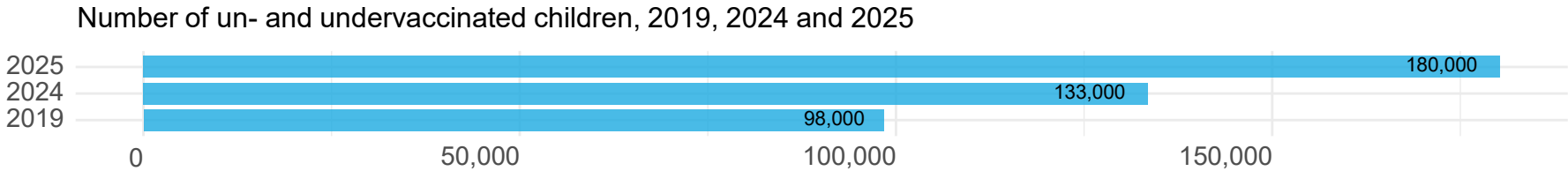
In 2025, Kenya DTP3 coverage was 88% - this is 5 percentage points lower than in 2019 and higher than both the global and regional averages.



In 2025, DTP3 coverage in Kenya (88%) was 3 percentage points higher than the global average (85%) and 8 percentage points higher than the average across all ESAR countries (80%).

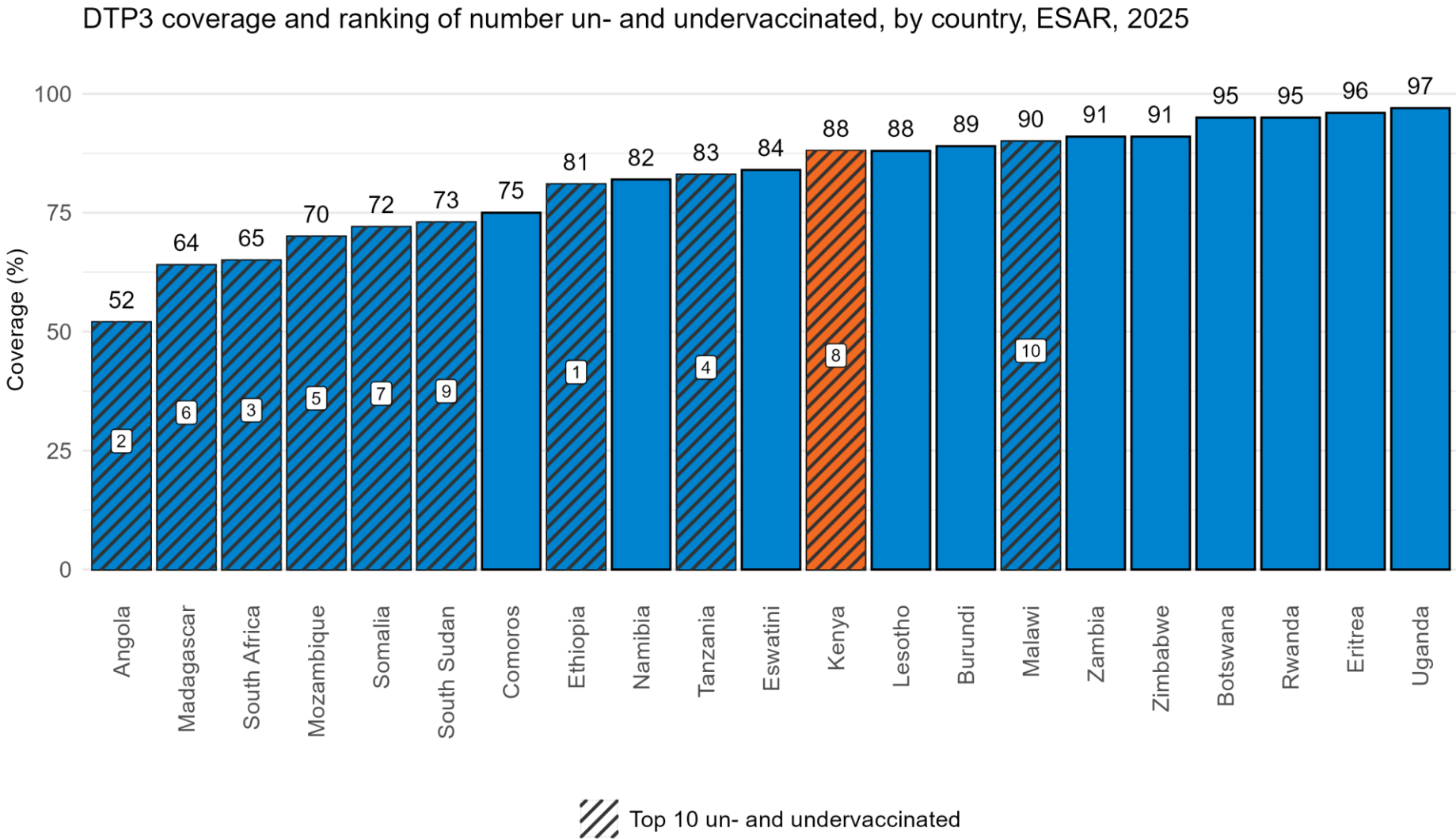
National DTP3 coverage was 5 percentage points lower than in 2019 (93%).

This equates to 180,000 un- and undervaccinated children in 2025 compared to 98,000 un- and undervaccinated children in 2019.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Coverage difference compared to 2019 - values above zero indicate coverage higher than in 2019 and values below zero indicate coverage lower than in 2019

In 2025, Kenya was among the countries with the highest coverage, but in the top 10 countries with the highest number of un- and undervaccinated children in the region.



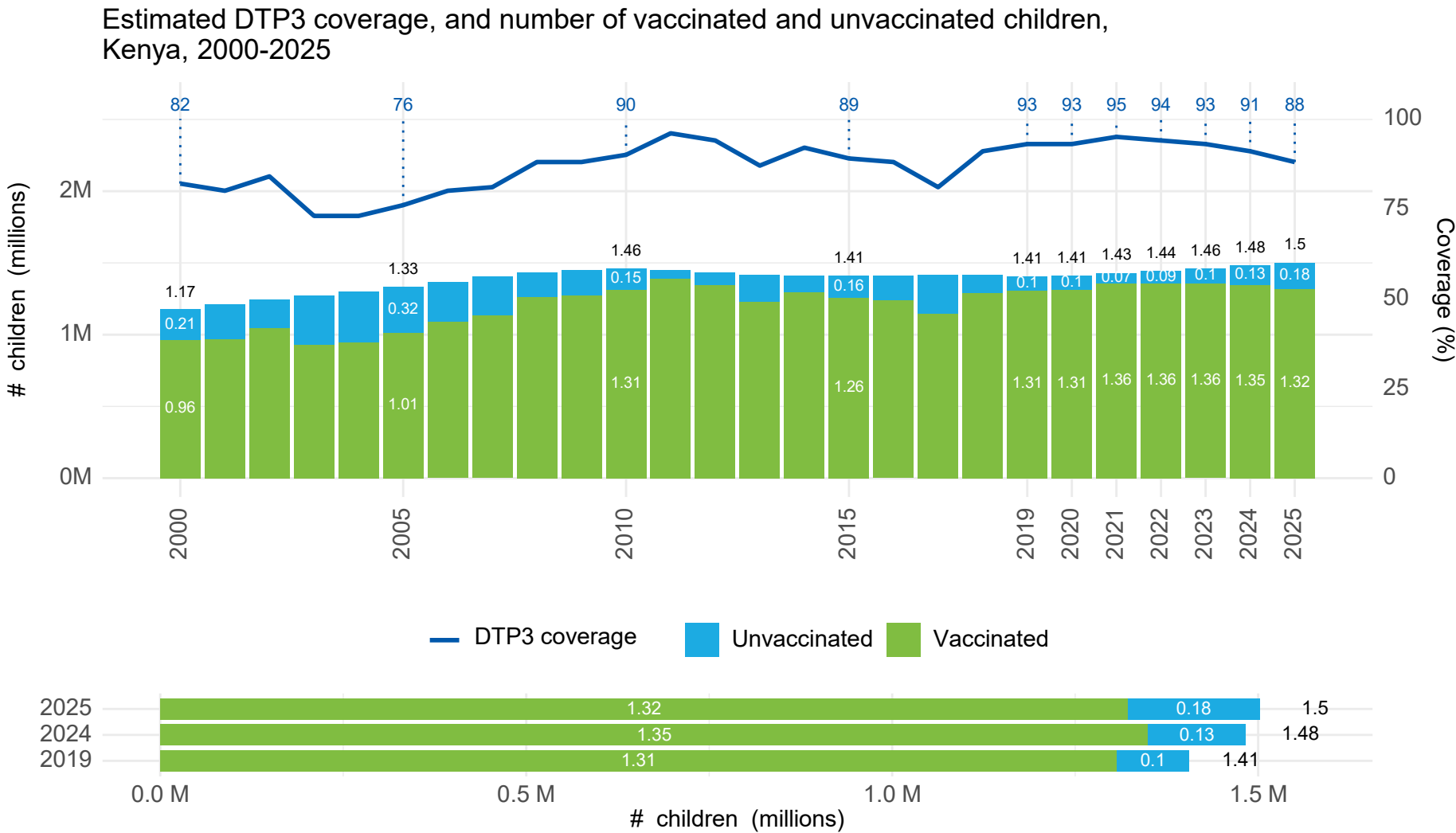
This chart shows DTP3 coverage in countries in ESAR from lowest to highest coverage, and the rank of the top 10 countries with the most un- and undervaccinated children, based on absolute numbers.

In 2025, Kenya ranked number 12 out of 21 countries for lowest DTP3 coverage (based on tied ranks).

Kenya was in the top 10 countries with the most un- and undervaccinated children (rank=8).

Note: Large cohort countries may have high numbers of un- and undervaccinated children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

For vaccine coverage to increase, the number of children vaccinated must increase at a faster rate than the population increases.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Unvaccinated includes zero-dose and undervaccinated children

DTP3 coverage in 2025 (88%) was lower than in 2019 (93%).

The number of children vaccinated with DTP3 increased 1% compared to in 2019.

The number of surviving infants increased approximately 7% compared to in 2019.

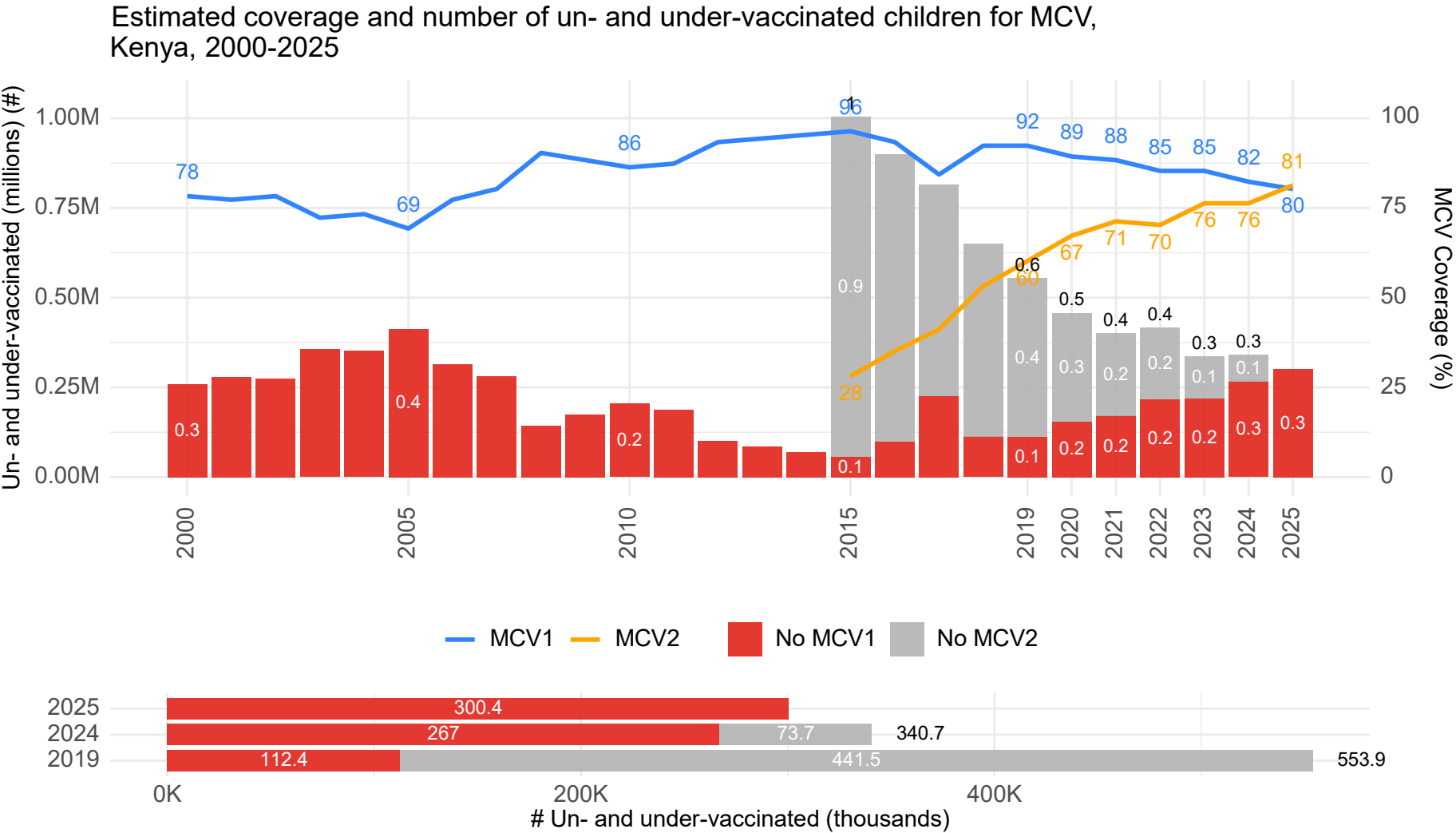
In 2025, more children were vaccinated than in 2019.

In 2025, there were 100,000 more surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated must increase at a faster rate than the population increases.

MCV1

MCV1 coverage declined at from 82% in 2024 to 80% in 2025 - below the 95% level needed to prevent outbreaks and, leaving 300,000 children without any protection against measles. MCV2 coverage increased to from 76% in 2024 to 81% in 2025 - below the IA2030 target of 90%.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Lines show vaccine coverage and bars show number of children.

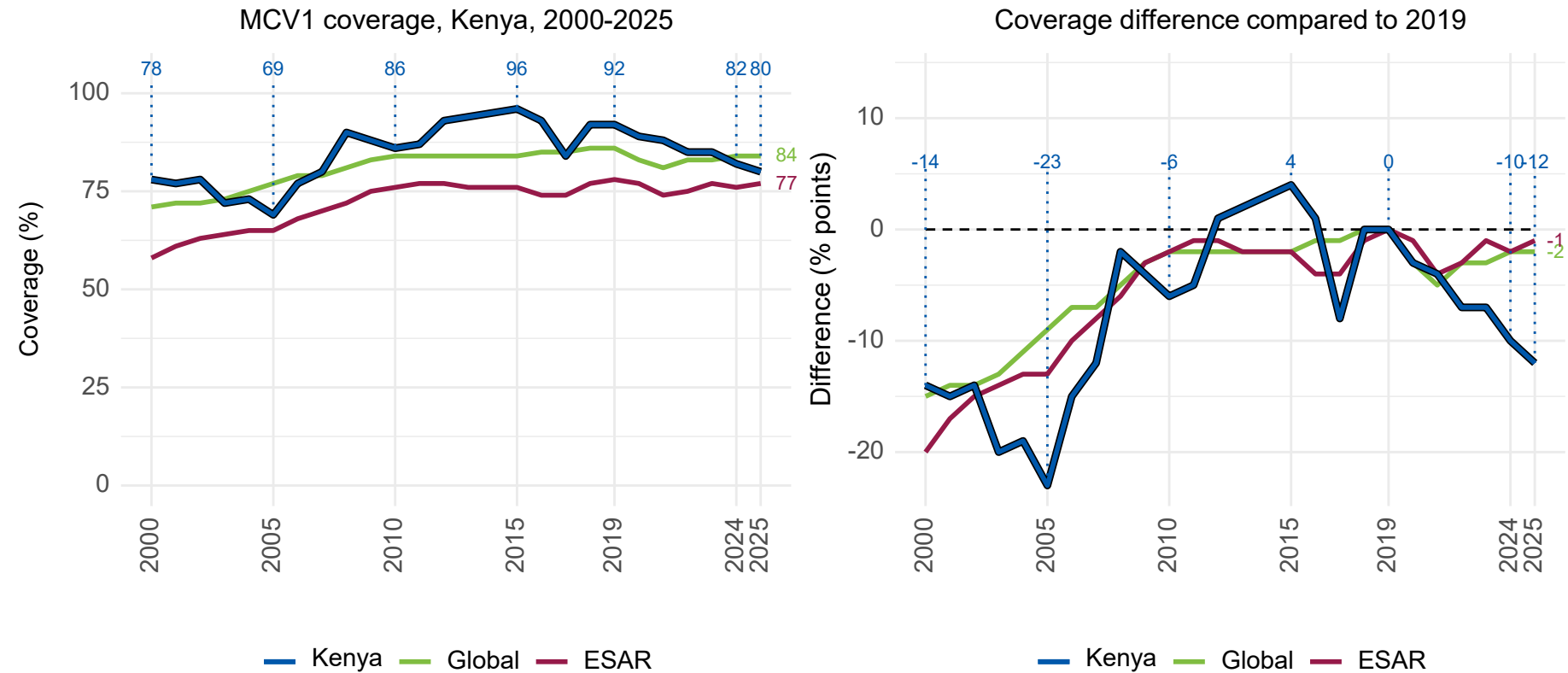
Measles, because of its high transmissibility, acts as a 'canary in the coalmine', quickly exposing any immunity gaps in the population. The coverage of measles containing vaccine (MCV) is thus often used as a tracer for protection.

The percentage of children receiving MCV1 – typically at 9 or 12 months depending on the national vaccination schedule – declined at 80%. This is lower than in 2019, where coverage was 92%.

300,000 children missed their routine first dose of measles vaccine.

MCV2 is typically administered to children between 18 months and five years old. MCV2 coverage increased to 81% in 2025.

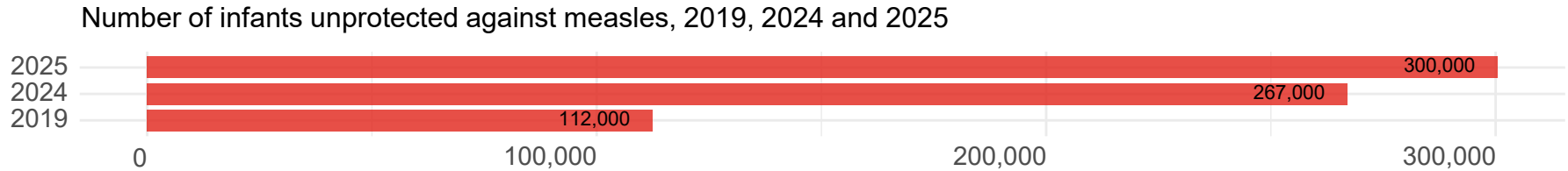
In 2025, Kenya MCV1 coverage was 80% - this is 12 percentage points lower than in 2019 and 4 percentage points lower than the global average (84%).



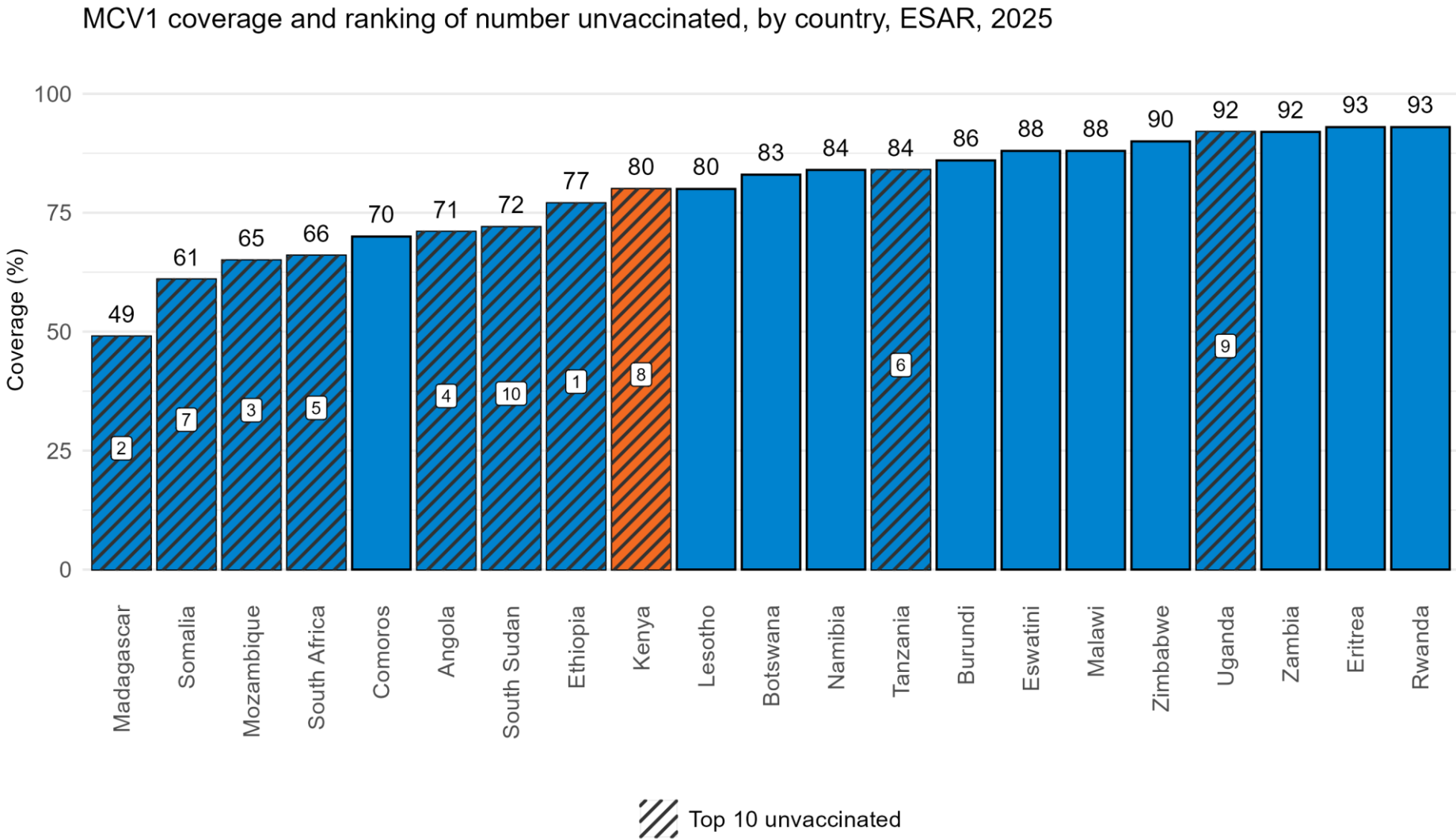
In 2025, MCV1 coverage in Kenya (80%) was 4 percentage points lower than the global average (84%) and 3 percentage points higher than the average across all ESAR countries (77%).

National MCV1 coverage was 12 percentage points lower than in 2019 (92%).

This equates to 300,000 unvaccinated children in 2025 compared to 112,000 unvaccinated children in 2019.



In 2025, Kenya was among the countries with the highest coverage, but in the top 10 countries with the highest number of unvaccinated children in the region.



This chart shows MCV1 coverage in countries in ESAR from lowest to highest coverage, and the rank of the top 10 countries with the most unvaccinated children, based on absolute numbers.

In 2025, Kenya ranked number 9 out of 21 countries for lowest MCV1 coverage (based on tied ranks).

Kenya was in the top 10 countries with the most unvaccinated children (rank=8).

Note: Large cohort countries may have high numbers of unvaccinated children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Bars are ranked by ascending coverage. Numbers in bubbles display top 10 rank based on absolute number of unvaccinated children.

For vaccine coverage to increase, the number of children vaccinated must increase at a faster rate than the population increases.

MCV1 coverage in 2025 (80%) was lower than in 2019 (92%).

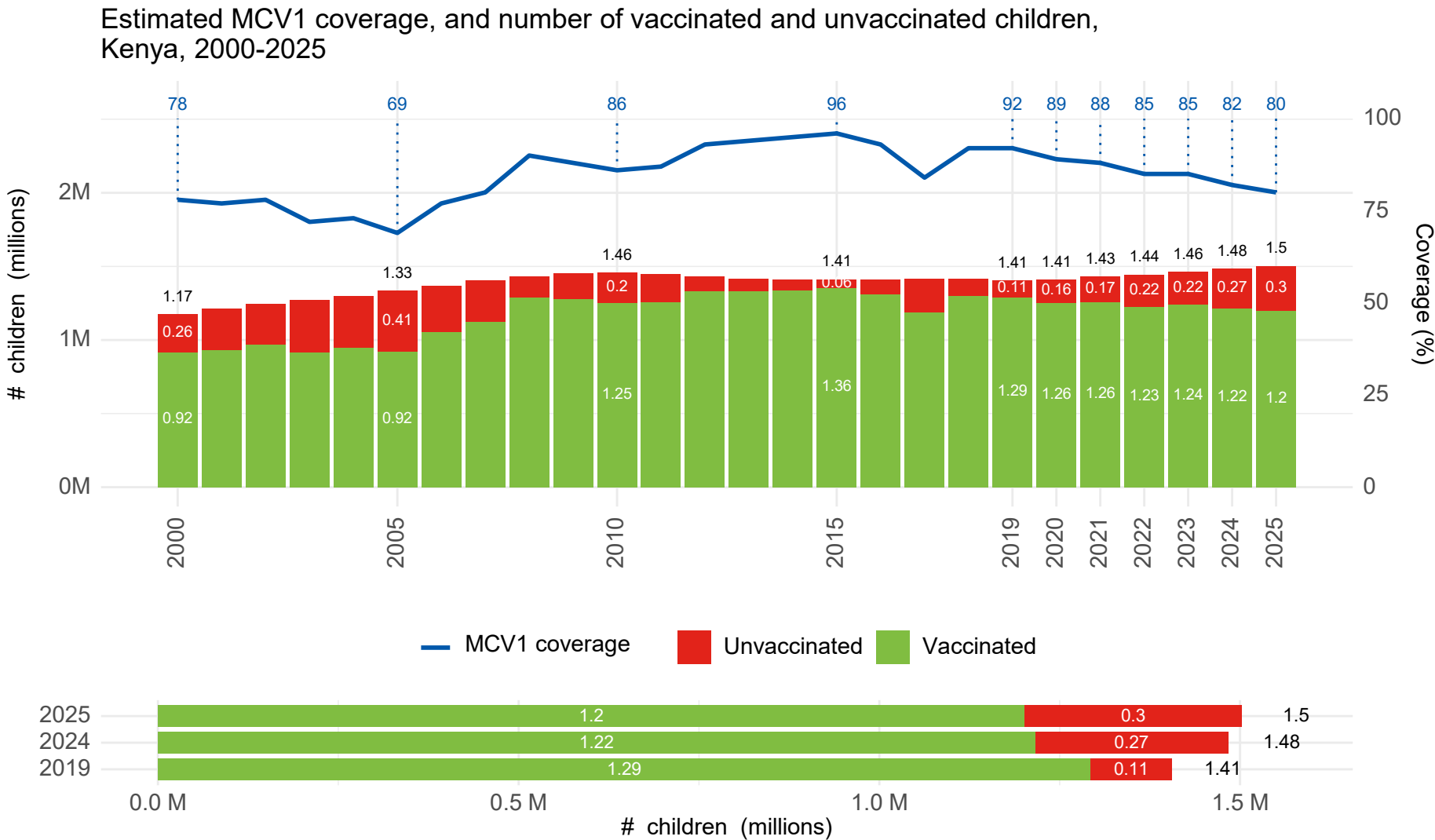
The number of children vaccinated with MCV1 decreased 7% compared to in 2019.

The number of surviving infants increased approximately 7% compared to in 2019.

In 2025, 100,000 fewer children were vaccinated than in 2019.

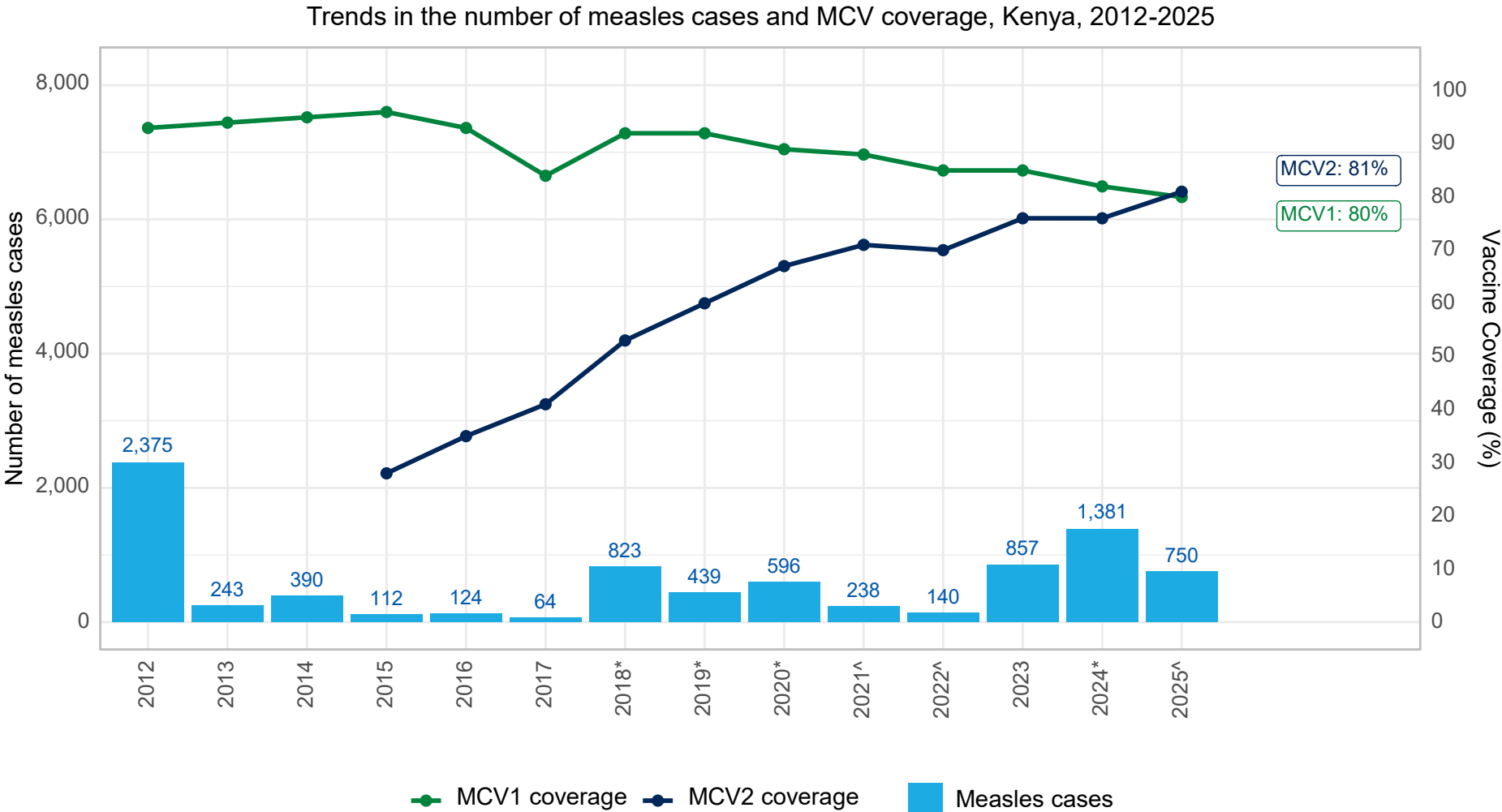
In 2025, there were 100,000 more surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated must increase at a faster rate than the population increases.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

In 2025, Kenya saw a decrease in measles cases compared with 2024, while MCV1 coverage was 80% and MCV2 coverage was 81%.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision;
Reported measles and rubella cases and incidence rates by WHO Member States, as of 12 June 2026.
Provisional data based on monthly data reported to WHO (Geneva) as of 12 June 2026.

Note: Asterisks (*) indicate years with measles vaccine stockouts and carets (^) indicates years with measles vaccination campaigns (national or subnational).

In 2025, there was a total of 750 confirmed measles cases in Kenya. In the same year, MCV1 coverage was 80% and MCV2 coverage was 81%.

The number of cases in 2025 was 46% lower than in 2024 (n=1,381).

The highest number of measles cases was reported in 2012 (n=2,375). In this year, MCV1 coverage was 93%.

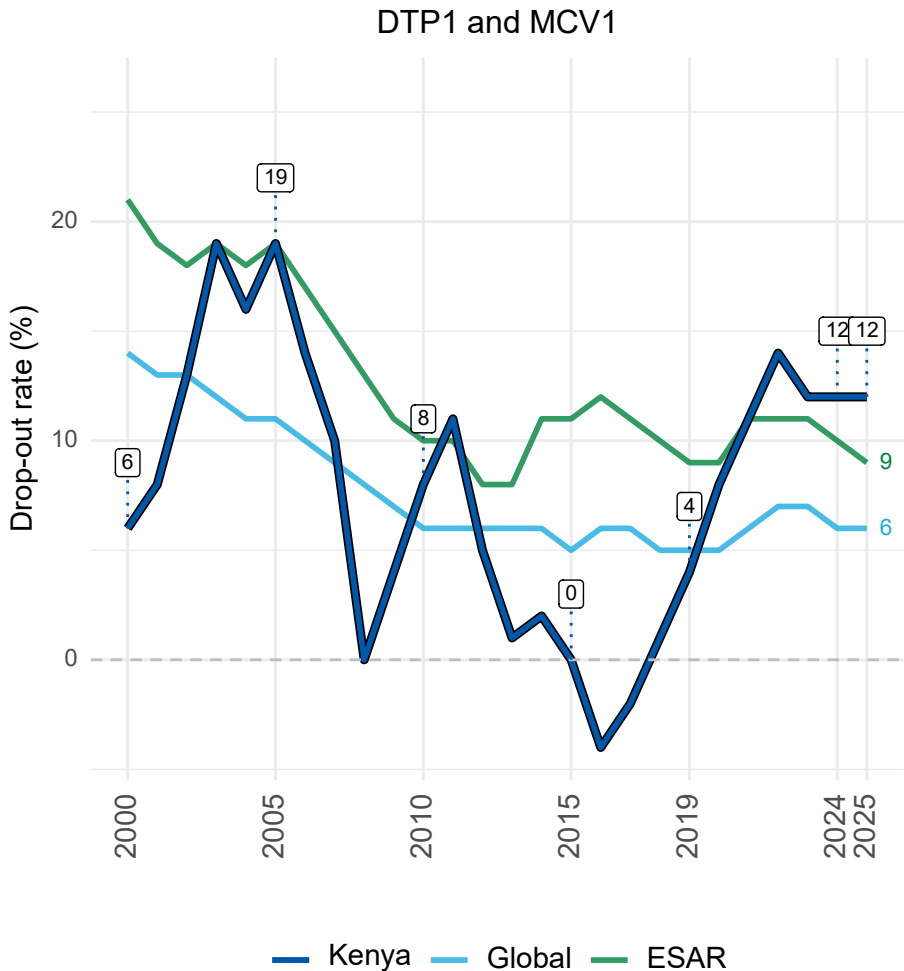
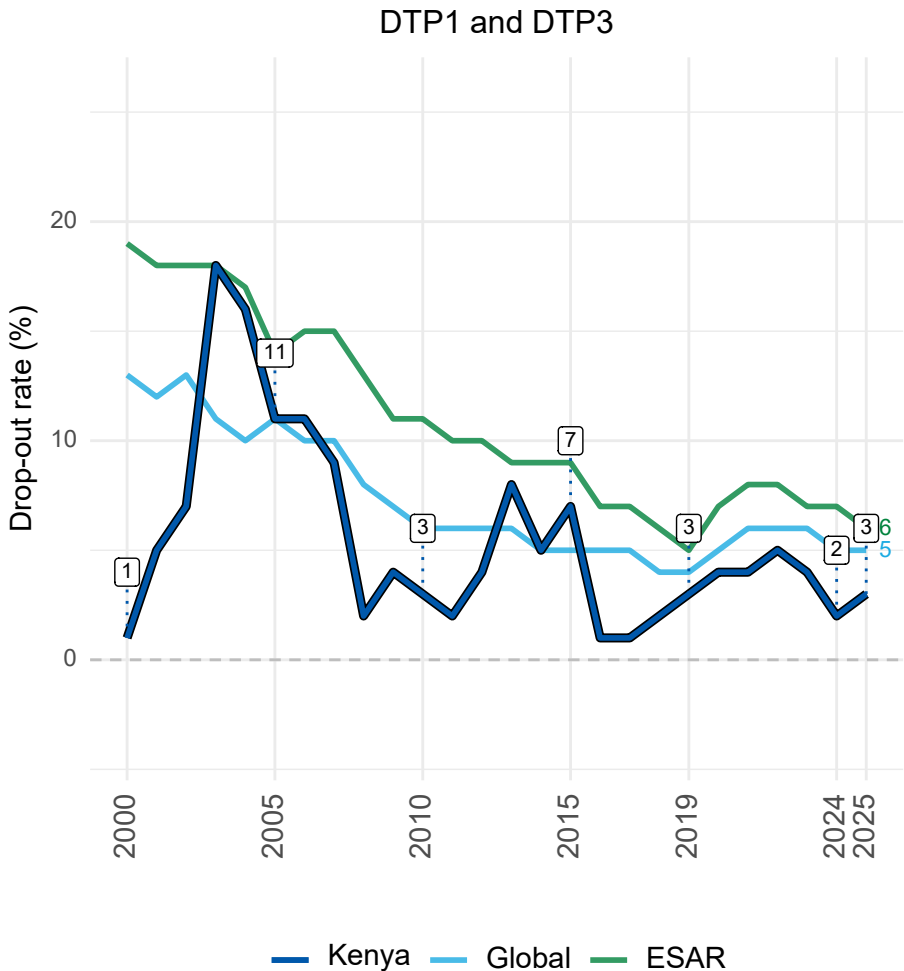
Kenya reported measles vaccine stockouts in 2018, 2019, 2020, and 2024.

There were measles-containing vaccine supplementary immunization activities/campaigns in 2021, 2021, 2022, and 2025.

Childhood immunization: Additional charts

In 2025, DTP1-DTP3 drop-out was low (3%) and DTP1-MCV1 drop-out was high (12%) in Kenya, indicating good ability to deliver the primary series early on, but poor ability to provide the full course of vaccines in infancy.

Zero-dose children are those who did not receive DTP1.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Drop-out classification: <5% = low, 5-10% = medium, >10% = high

Drop-out rates show the percentage of children who received DTP1, but not DTP3/MCV1. Low drop-out rates indicate high retention of children in immunization programmes.

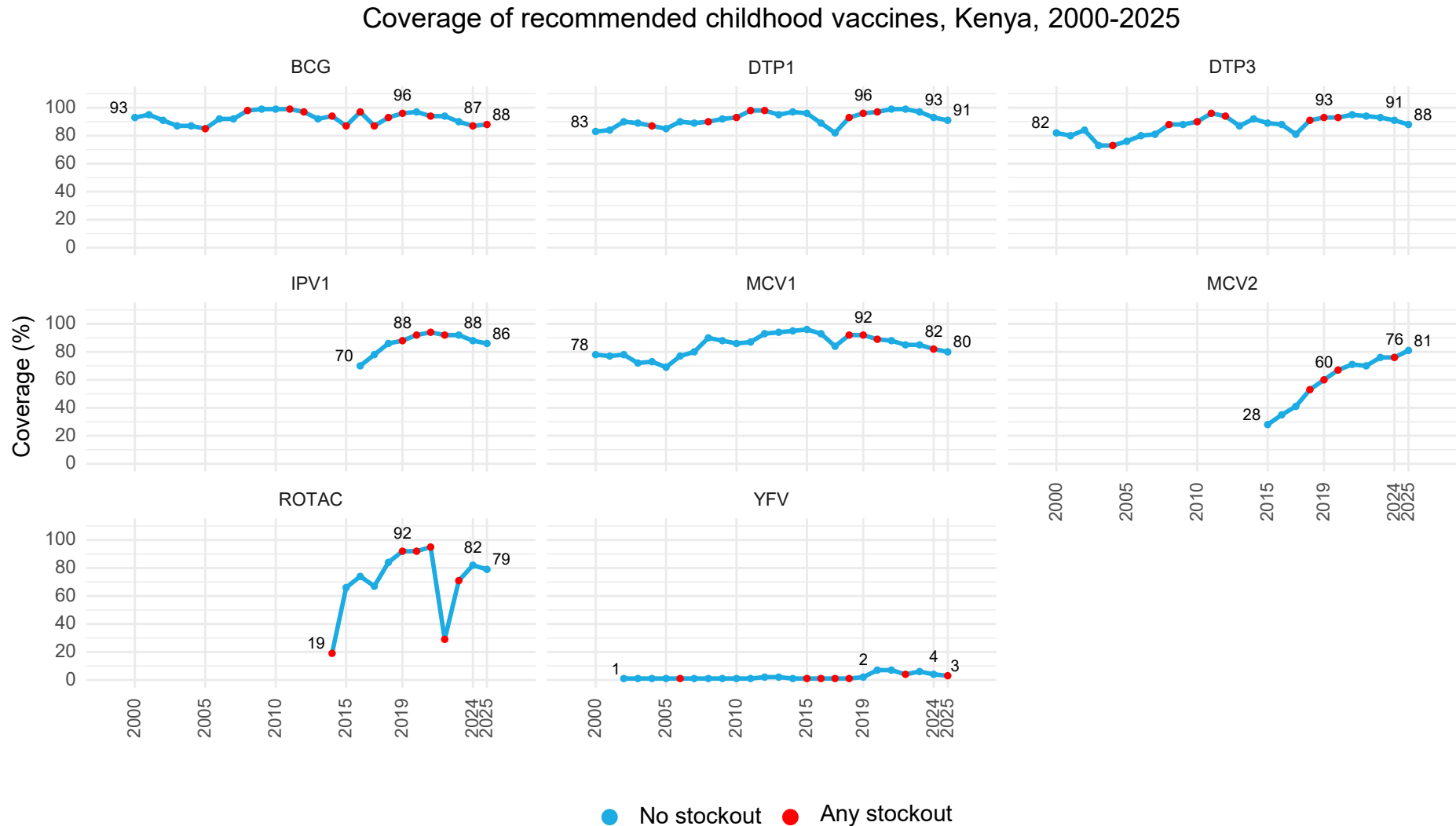
This chart shows trends in drop-out rates between DTP1 and DTP3, and DTP1 and MCV1.

In 2025, 3% of children who received DTP1 did not receive DTP3 (left), and 12% of children who received DTP1 did not receive MCV1 (right).

The low DTP drop-out rate implies good ability to provide a complete series of vaccines early in life. The high DTP-MCV drop-out rate implies poor retention in immunization programmes and ability to provide a full course of vaccines in infancy (up to one year).

In 2025, Kenya DTP drop-out was lower than the global rate, while DTP-MCV drop-out was higher than the global rate.

In 2025, Kenya had its lowest coverage in YFV (3%), while most other routine vaccines clustered around 79-91%; 6 antigens decreased since 2019, and 6 antigens decreased since 2024.



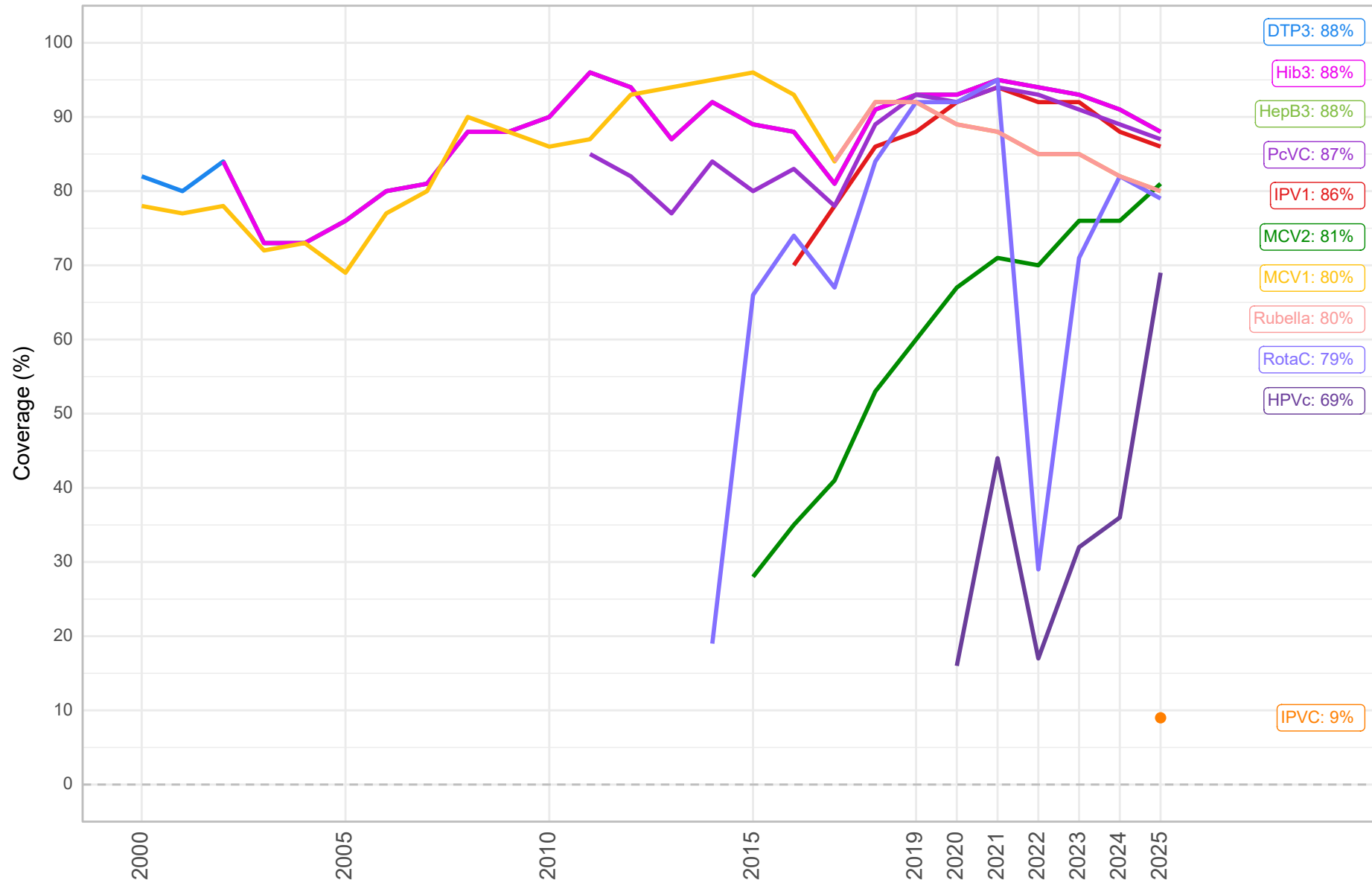
This chart shows trends in coverage of selected core routine vaccines recommended in childhood.

In 2025, YFV had the lowest coverage (3%), followed by ROTAC (79%).

Compared to 2019, coverage of 6 vaccines decreased (BCG, DTP1, DTP3, IPV1, MCV1 and ROTAC) and 2 vaccines increased (MCV2 and YFV).

Compared to 2024, coverage of 2 vaccines increased (BCG and MCV2) and 6 vaccines decreased (DTP1, DTP3, IPV1, MCV1, ROTAC and YFV).

Vaccine coverage (%), Kenya, 2000-2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Numbers in the data label bubbles refer to vaccine coverage in the latest year estimates are available.

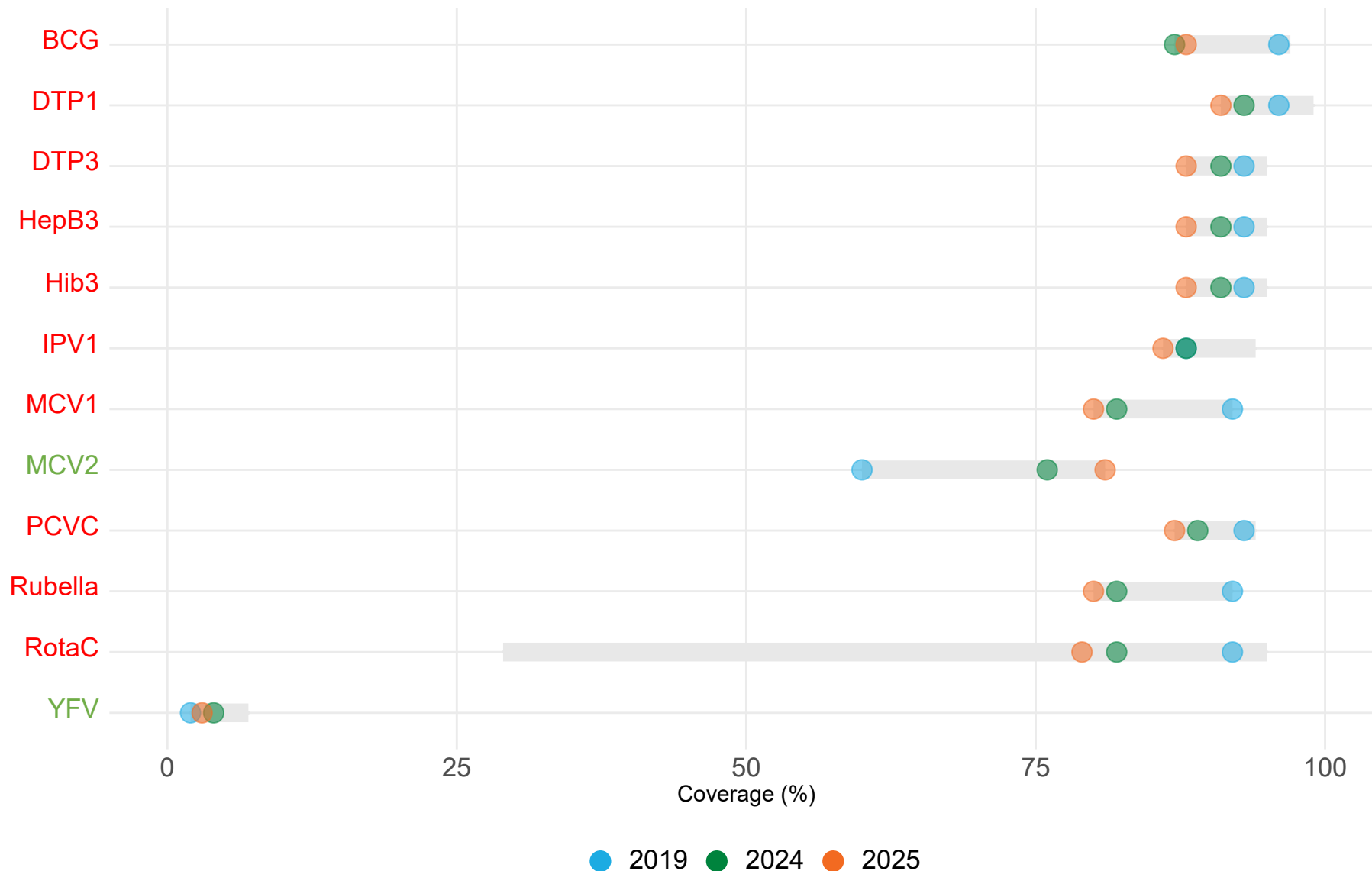
This chart shows trends in coverage of 10 vaccines (complete series).

In 2025, IPVc had the lowest coverage of all vaccines (9%), followed by HPVc (69%).

Coverage of 7 vaccines decreased (DTP3, HEPB3, HIB3, IPV1, MCV1, ROTAC and RUBELLA) and 1 vaccine increased (MCV2) compared to respective coverage in 2019.

Coverage of 7 vaccines decreased (DTP3, HEPB3, HIB3, IPV1, MCV1, ROTAC and RUBELLA) and 2 vaccines increased (HPVC and MCV2) compared to respective coverage in 2024.

Vaccine coverage (%), Kenya, 2019-2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
 Note: The grey bar spans vaccine coverage across all years 2019-2025 and the dots represent coverage in specific years.
 Coverage is shown for vaccines with data all years 2019-2025.
 Vaccine names are coloured based on if coverage is lower (red), the same as (blue) or higher (green) than in 2019

This chart shows the range of coverage across all years 2019 to 2025 (grey bars), and coverage in specific years (dots), by vaccine. The chart can be used for assessing recovery to pre-pandemic levels.

DTP1 coverage declined between 2019 (96%) and 2024 (93%). DTP1 coverage declined in 2025 (91%) compared to 2024, and was lower than in 2019. In 2019-2025, DTP1 coverage was at it's lowest level in 2025 (91%).

In 2024, 9 vaccines had lower coverage than in 2019.

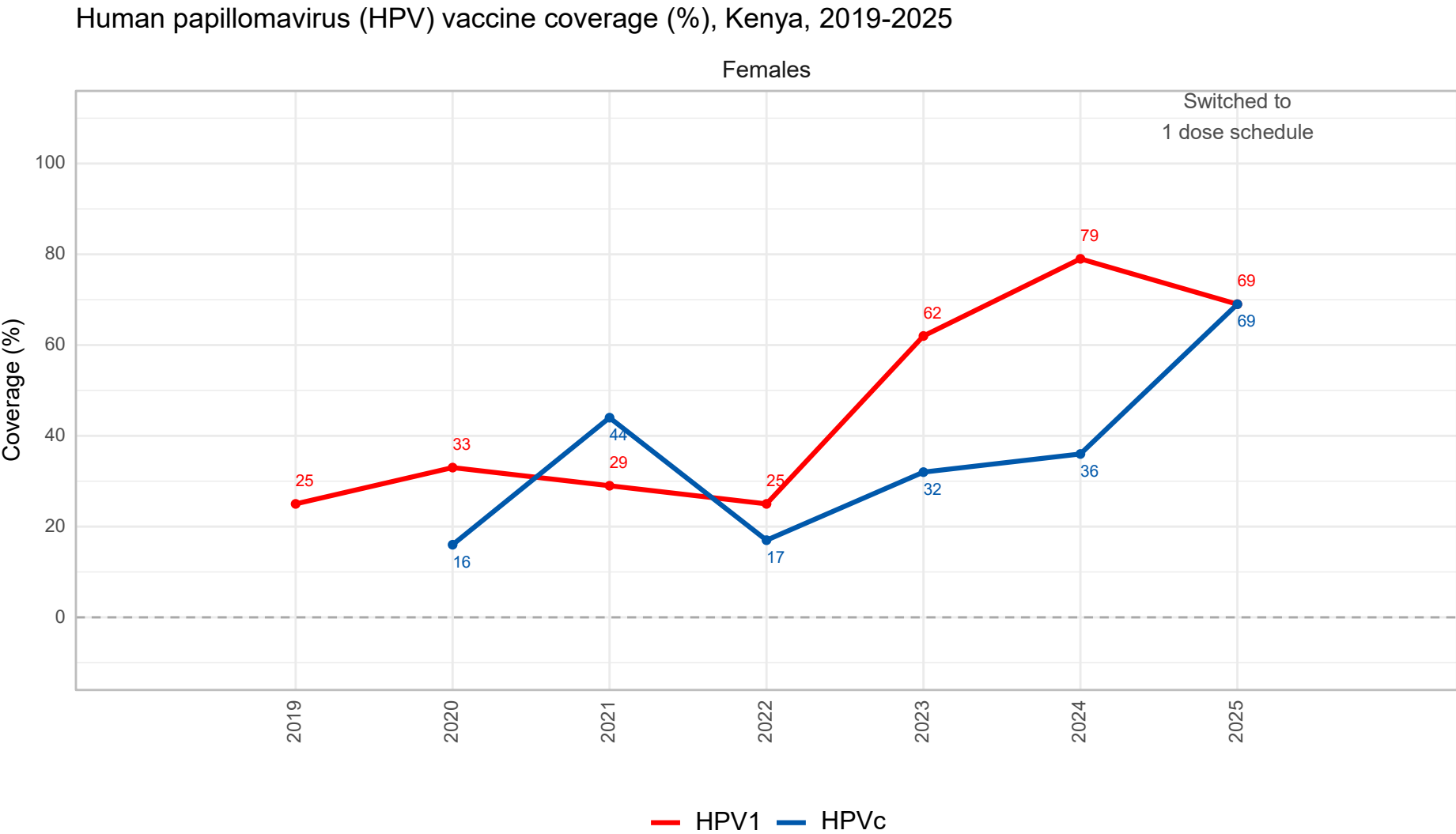
In 2025, 10 vaccines had lower coverage than in 2019.

In 2025, 10 vaccines had lower coverage than in 2024.

HPV vaccination

Methods: • [Bruni et al. 2021, HPV vaccination introduction worldwide and WHO and UNICEF estimates of national HPV immunization coverage 2010–2019 \(supplementary materials\).](#)

In 2025, HPV last dose coverage among girls increased to 69%, following switch to single dose in 2025.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision.
For some countries, if HPV vaccine is in the schedule, but the country did not report data in a given year, HPV programme coverage estimates are not produced.

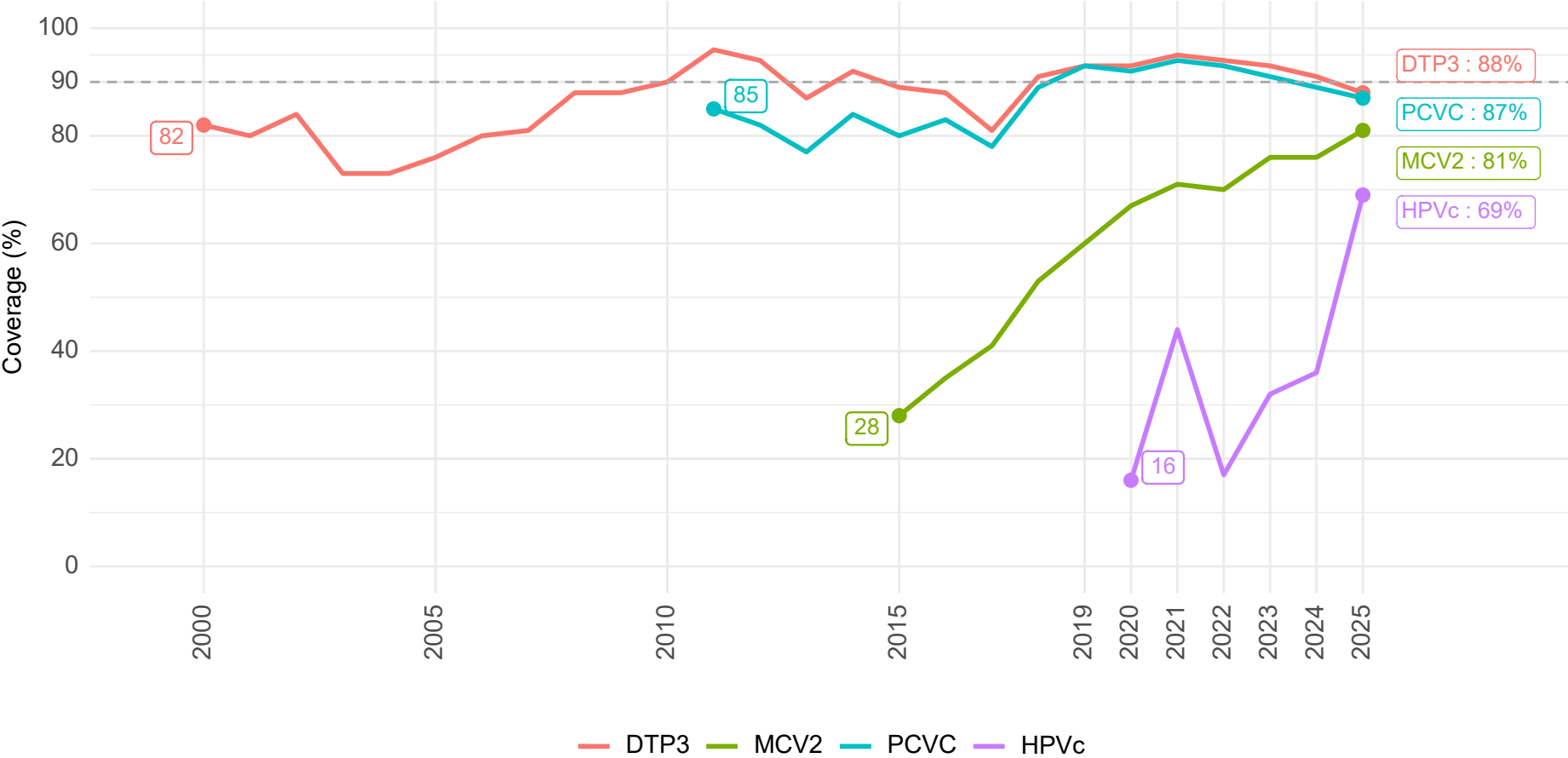
The first year of HPV programme coverage estimates in Kenya was 2019.

In 2025, first dose (HPV1) programme coverage among girls was 69%. In 2025, last dose (HPVc) programme coverage among girls was 69%.

SDG 3.b.1

In 2025, no SDG vaccines in met the 90% SDG coverage target.

SDG 3.b.1: Proportion of the target population covered by all vaccines included in their national programme, Kenya, 2000-2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: The four vaccination coverage indicators contribute to SDG indicator 3.b.1 are: DTP3, MCV2, PCVC and HPVc
The Immunization Agenda 2030 (IA2030) global target is 90% coverage of all four antigens by 2030.

Four vaccination coverage indicators contribute to Sustainable Development Goal 3, indicator b.1: DTP3, PCV3, MCV2 and HPV.

The IA2030 global target is 90% coverage of all four antigens by 2030.

Kenya has all 4 of the SDG vaccines.

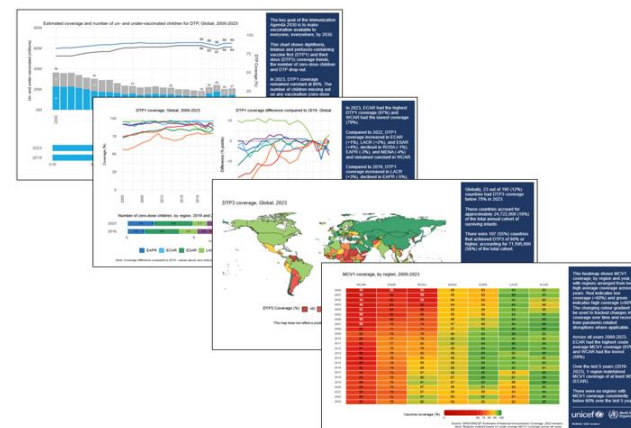
In 2025, Kenya had achieved at least 90% coverage of none out of the 4 vaccines.

Additional resources

[illegible]

	A	B	C	D	E	F	G	H	I	J
1	unicef_regio	isoc3	country	vaccine	year	target_grp	coverage	vaccinated	unvaccinated	target
2	ROSA	AFG	Afghanistan bcg		1982	births	10	57,000	514,000	571,000
3	ROSA	AFG	Afghanistan bcg		1983	births	10	56,000	503,000	539,000
4	ROSA	AFG	Afghanistan bcg		1984	births	11	62,000	501,000	563,000
5	ROSA	AFG	Afghanistan bcg		1985	births	17	100,000	490,000	591,000
6	ROSA	AFG	Afghanistan bcg		1986	births	18	107,000	489,000	596,000
7	ROSA	AFG	Afghanistan bcg		1987	births	27	161,000	434,000	595,000
8	ROSA	AFG	Afghanistan bcg		1988	births	40	238,000	358,000	596,000
9	ROSA	AFG	Afghanistan bcg		1989	births	38	233,000	380,000	614,000
10	ROSA	AFG	Afghanistan bcg		1990	births	30	191,000	446,000	637,000
11	ROSA	AFG	Afghanistan bcg		1991	births	21	134,000	505,000	640,000
12	ROSA	AFG	Afghanistan bcg		1992	births	19	127,000	541,000	668,000
13	ROSA	AFG	Afghanistan bcg		1993	births	17			760,000
14	ROSA	AFG	Afghanistan bcg		1994	births	15			852,000
15	ROSA	AFG	Afghanistan bcg		1995	births				899,000
16	ROSA	AFG	Afghanistan bcg		1996	births				932,000
17	ROSA	AFG	Afghanistan bcg		1997	births				962,000
18	ROSA	AFG	Afghanistan bcg		1998	births				986,000
19	ROSA	AFG	Afghanistan bcg		1999	births				1,013,000
20	ROSA	AFG	Afghanistan bcg		2000	births	30			1,037,000
21	ROSA	AFG	Afghanistan bcg		2001	births	43	455,000	576,000	1,007,000
22	ROSA	AFG	Afghanistan bcg		2002	births	46	467,000	548,000	1,015,000

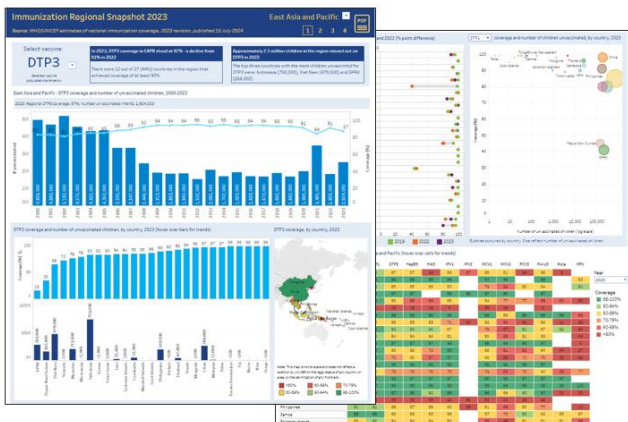
UNICEF, WHO, World Bank, Gavi and
African Union regions



Additional immunization data resources can be found at:

<https://data.unicef.org/resources/immunization/>

*UNICEF, WHO, World Bank, Gavi and
African Union regions*



The collage features several distinct data visualizations:

- Top Left:** A line chart titled "Adverse Climate Impacts by Sector and Year, 2010-2025" showing the number of children vaccinated by sector (Health, Education, Agriculture, etc.) over time. The y-axis is labeled "Number of Children Vaccinated" and ranges from 0 to 100. The x-axis is labeled "Year" and ranges from 2010 to 2025.
- Top Right:** A line chart titled "Adverse Climate Impacts by Sector and Year, 2010-2025" showing the number of children vaccinated by sector (Health, Education, Agriculture, etc.) over time. The y-axis is labeled "Number of Children Vaccinated" and ranges from 0 to 100. The x-axis is labeled "Year" and ranges from 2010 to 2025.
- Middle Left:** A line chart titled "Adverse Climate Impacts by Sector and Year, 2010-2025" showing the number of children vaccinated by sector (Health, Education, Agriculture, etc.) over time. The y-axis is labeled "Number of Children Vaccinated" and ranges from 0 to 100. The x-axis is labeled "Year" and ranges from 2010 to 2025.
- Middle Right:** A line chart titled "Adverse Climate Impacts by Sector and Year, 2010-2025" showing the number of children vaccinated by sector (Health, Education, Agriculture, etc.) over time. The y-axis is labeled "Number of Children Vaccinated" and ranges from 0 to 100. The x-axis is labeled "Year" and ranges from 2010 to 2025.
- Bottom Left:** A bar chart titled "Adverse Climate Impacts by Sector and Year, 2010-2025" showing the number of children vaccinated by sector (Health, Education, Agriculture, etc.) over time. The y-axis is labeled "Number of Children Vaccinated" and ranges from 0 to 100. The x-axis is labeled "Year" and ranges from 2010 to 2025.
- Bottom Center:** A bar chart titled "Adverse Climate Impacts by Sector and Year, 2010-2025" showing the number of children vaccinated by sector (Health, Education, Agriculture, etc.) over time. The y-axis is labeled "Number of Children Vaccinated" and ranges from 0 to 100. The x-axis is labeled "Year" and ranges from 2010 to 2025.
- Bottom Right:** A heatmap titled "Adverse Climate Impacts by Sector and Year, 2010-2025" showing the number of children vaccinated by sector (Health, Education, Agriculture, etc.) over time. The y-axis is labeled "Number of Children Vaccinated" and ranges from 0 to 100. The x-axis is labeled "Year" and ranges from 2010 to 2025.

WUENIC Talking Points: Latin America and the Caribbean (LACR) Region

Revision Year: 2023

Overview

- While rising vaccine rates cluster and vaccine rates of the 14 included vaccinees advanced or stayed constant in 2023, a higher rate was seen in LACR Region 2023
- Coverage of the first dose of 14 included vaccinees comparing vaccine 02711 was 20.4% in 2023 and 46.2% in 2022. 2023 was the first time of 27.9% rising vaccine rates against measles (02711 was the same in 2023 as in 2022 as it was 20% in 2021)
- All the countries had 22.3% of 14. 17.0% countries advanced coverage 40.0% or higher at least one of the 14 included vaccinees advancement in the region
- There were 12 countries that did not advance 1 of 14 included vaccinees (no vaccine) 10: Argentina, Bolivia, Brazil, Chile, Honduras, Haiti, Mexico, Peru, Suriname, and Venezuela
- In 2023, the number of vaccinees included in 14 vaccinees rose approximately 21% higher than the average goal to achieve the international target 20% target of coverage for the number of vaccinees included to help 2023 in the region of 14 vaccinees

Vaccine coverage PIV by age, UMR, 000-005

Latin America and the Caribbean Region

- The LACR region includes 15 countries (Argentina and Bahamas & Cuba, Brazil, Chile, Costa Rica, Colombia, Ecuador, El Salvador, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Suriname and Venezuela) and the Caribbean: Antigua, Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay
- * Note: Suriname, Nicaragua and Haiti shown individually, but is shown in the Region

WUENIC Talking Points: Ethiopia

Revision Year: 2023

Contents

- Overview
- 02711: Reaching one-dose children
- 02711: A number of vaccine immunization series delays in children
- 02711: Category in the cost view
- 02711: Regional comparison
- Additional Vaccinees

Ethiopia in the Africa region

02711: Reaching one-dose children

- In 2023, 02711 coverage in Ethiopia was 67%, compared to 70% in 2022
- In 2023, the number of one-dose children in Ethiopia (2023) was approximately 1 higher than the number of 02711 target
- There were 34,600 more vaccinees reaching in the region in 2023 compared to 2022. Vaccine coverage by age group in the region is approximately 20% higher than the average coverage in regional small countries in both child
- Adopting Ethiopia and Ethiopia child region vaccinees, Ethiopia ranked 1st out of 21 countries (02711 coverage in 2023 67% in regional area)
- 02711 02711 impact in 2023 was 10%, a percentage points, compared to 2022
- Median 02711 impact may indicate ability to provide a complete vaccine series as well

02711 impact in Ethiopia and one-dose children

Percentage of vaccinees reaching one-dose (Line)

Number of vaccinees reaching one-dose (Bar)

1

4

Interactive
WUENIC
country profiles
can be found at:

<https://worldhealth.org.shinyapps.io/wuenic-trends/>

Short feedback questionnaire

(5 minutes)

We are seeking your feedback on the global groupings (GAVI, African Union, World Bank Income, WHO and UNICEF) and country-level PowerPoint slides developed for the release of global immunization estimates. Your input will help us understand their usefulness and identify areas for improvement.

Please take a few moments to complete this short survey and have your voice heard:

<https://forms.office.com/e/Qv1HXxxNZQ>

