



South Africa

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 9 percentage points from 76% in 2024 to 67% in 2025.
- DTP3 coverage declined 9 percentage points from 74% in 2024 to 65% in 2025.
- There were there were 102,000 more zero-dose children in 2025. This leaves 380,000 children without vaccination, vulnerable to vaccine-preventable diseases and a further 23,000 with incomplete protection.
- South Africa accounted for 13.6% of zero-dose children in Eastern and Southern Africa (ESAR) and 2.8% of zero-dose children globally.
- MCV1 coverage declined 10 percentage points from 76% in 2024 to 66% in 2025. There were 392,000 children who missed out on the first measles vaccination.
- MCV2 coverage declined 10 percentage points from 82% in 2024 to 72% in 2025.
- Last dose coverage of HPV vaccination (HPVc) among girls remained constant at 79% in 2025.

Vaccination schedule, 2025

Level	Vaccine	Dose number and age administered			
		1	2	3	4
National	BCG	Birth			
National	DTAPHIBHEPBIPV	6 weeks	10 weeks	14 weeks	
National	DTAPHIBHEPBIPV (booster)				18 months
National	HPV (females)	9 years			
National	MR	6 months	12 months		
National	OPV	Birth	6 weeks		
National	PCV	6 weeks	14 weeks	9 months	
National	Rotavirus	6 weeks	14 weeks		

This table shows the 2025 national immunization schedule for routine services in South Africa, 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 groups
HPV (Human papillomavirus) vaccine	2014		
HepB birth dose	Not introduced		2024
Hepatitis B vaccine	1995		
Hib (Haemophilus influenzae type B) vaccine	1999	1998	
IPV (Inactivated polio vaccine)	2009		
IPV (Inactivated polio vaccine) 2nd dose	2009		
Malaria vaccine	Not introduced		
Measles-containing vaccine 2nd dose	1994		
Meningococcal meningitis vaccines (any strain)	Not introduced		
Mumps vaccine	Not introduced		
PCV (Pneumococcal conjugate vaccine)	2009	2008	
RSV (Respiratory syncytial virus) immunization strategy	Not introduced		
Rotavirus vaccine	2009	2008	
Rubella vaccine	2024		
Typhoid conjugate vaccine	Not introduced		

This table displays the year each vaccine was introduced in South Africa. 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
DTP-containing vaccine		Subnational
OPV	National (1m)	National (1m) and subnational
PCV		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 none antigens, remained unchanged for two, and declined for 11, indicating limited improvement in routine immunization performance; none achieved at least 90% coverage.

Vaccine coverage, South Africa, 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	89	86	84	81	78	76	79	79	84	82*	81*	84	86	88	93	83*	79	75	70*	84*	86*	86	84	79	74	66
DTP1	85	82	80	77	80	83	94	95	93	81	80	80*	72*	81	88	91	88*	85	84	87	88*	91	87*	81	76	67
DTP3	73	71	70	69	74	81	84	85	82	81	77	75*	71*	81	85	85	85*	84	82	85	84*	86	85*	79	74	65
Hib3	73	71	70	69	75	82	84	84	80	77	72	71*	69*	79	85	85	85*	84	82	85	84*	86	85*	79	74	65
HepB3	73	72	72	71	76	79	83	83	76	74	71	76*	70*	73*	85	85	85*	84	82	85	84*	86	85*	79	74	65
PCVC										10	58	62	75	77	85	85	82	79	83	86	83	87	89	84	82	65
RotaC										17	60*	67*	73	74	81	84	83	81	80	83	83*	85	83	78	73	65
IPV1																91	88	85	84	87	88*	86	87	81	76	67
IPVC																						86	85	79	74	64
MCV1	72	69	65	62	63*	64	69	68	73	77	72	77	79	78*	84	86	84	81	81	83	84	87	86	80	76	66
RCV1																										66
MCV2	62	54	46	52	51*	48	53	49	54	63	55	54	53	50*	55	59	69	78	75	79	76	82	87	84	82	72
HPVc															66	61	61	56	43	43		37	41	78	79	79



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.

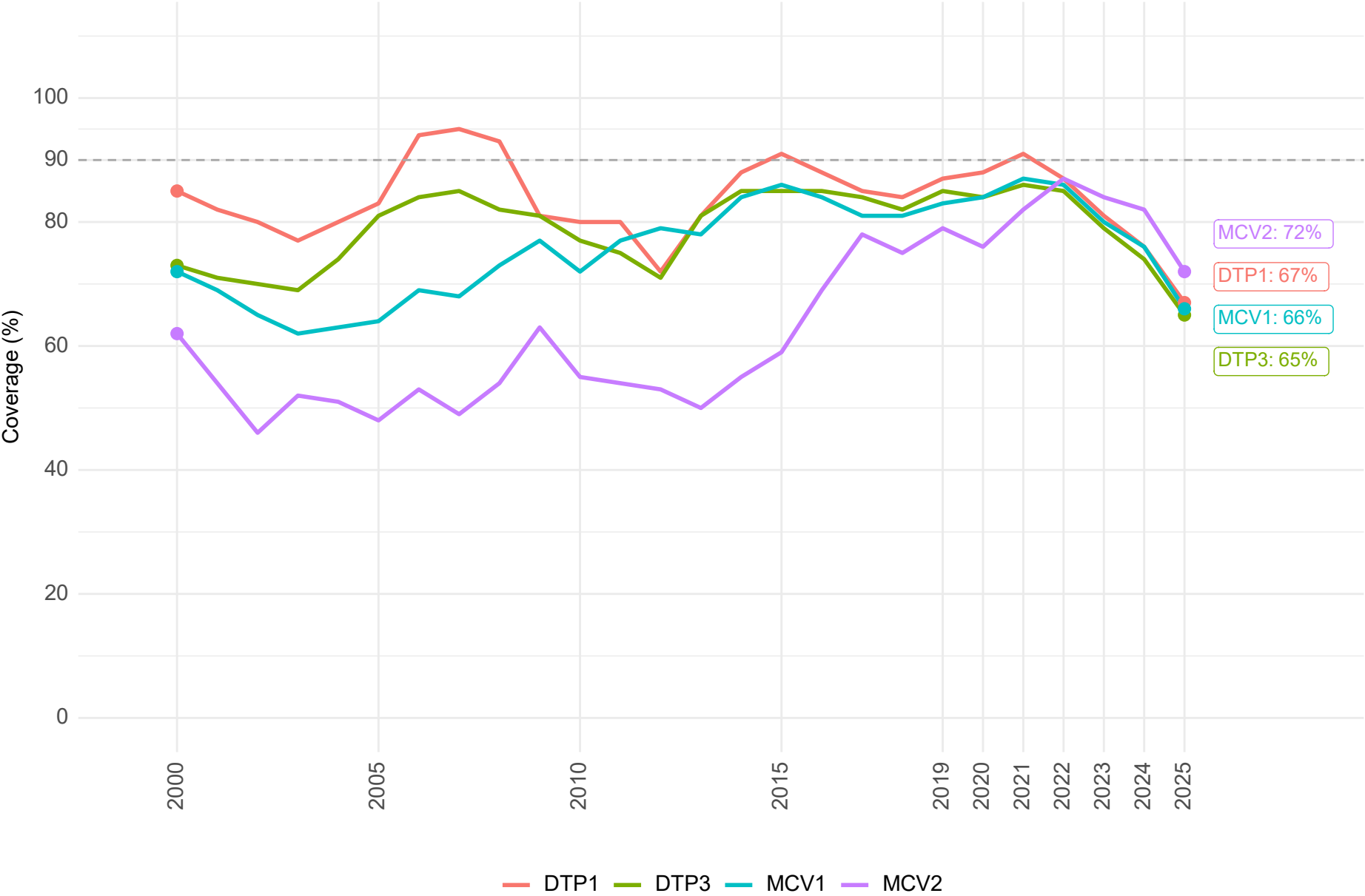
This heatmap shows trends in vaccine coverage since 2000, with green cells indicating coverage of 90% or more.

In 2025, none of the 13 vaccines in the schedule achieved coverage of 90% or more. Vaccine coverage ranged from 64% to 72%.

Since 2009, estimates have been made for 6 new vaccines. RCV1 is the newest vaccine reported (2025), which achieved 66% coverage in 2025.

In 2025, South Africa did not report any stockouts of vaccines or supplies.

Coverage of key childhood vaccines (%), South Africa, 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 66%.

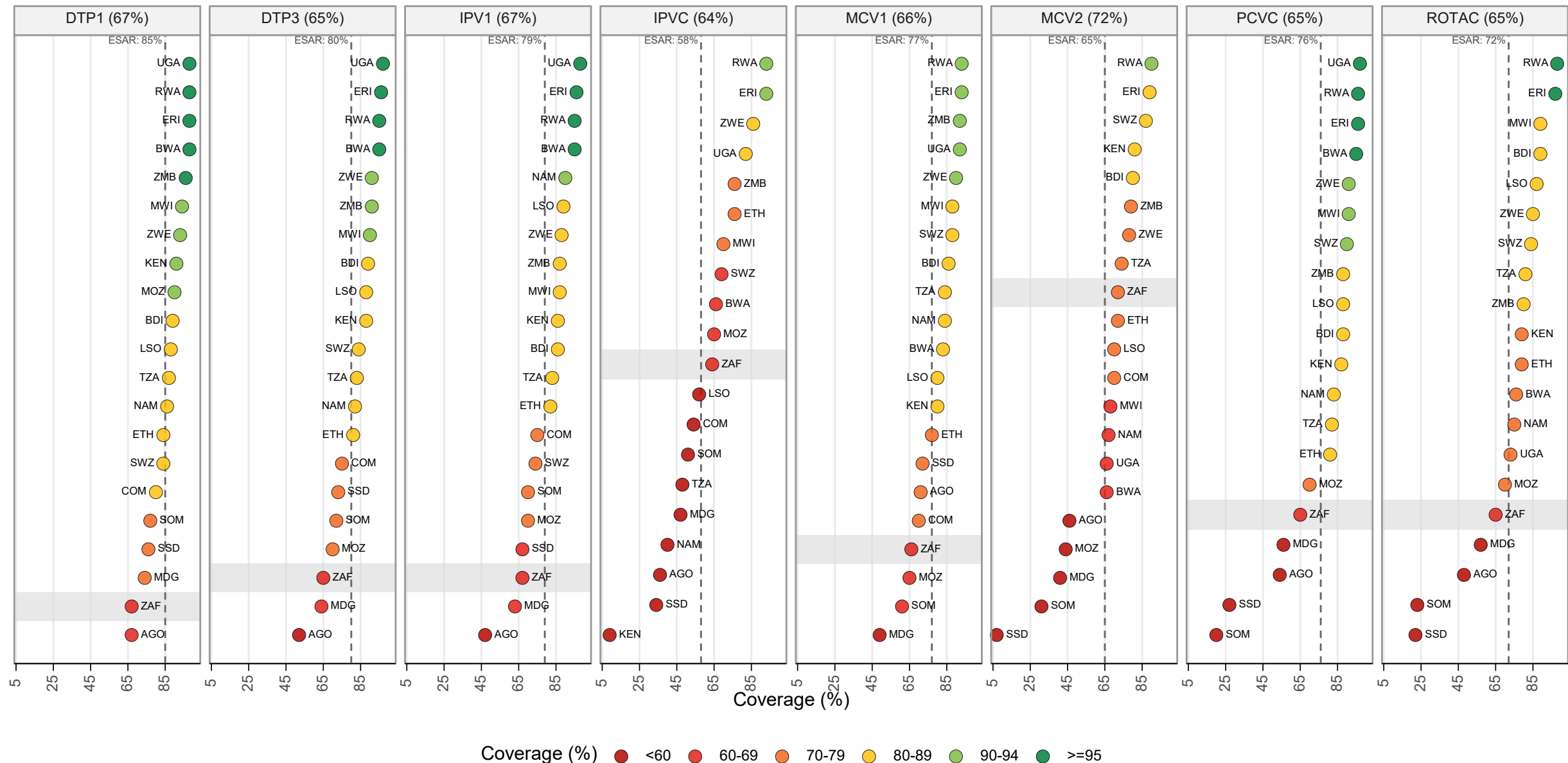
DTP3 coverage - a marker of how well countries are delivering immunization services to children - was below the 90% target set for 2030.

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, 0 vaccines increased coverage, 4 declined and 0 remained the same.

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 zaf shown in the headers. Regional average coverage shown by the dashed line.

DTP1

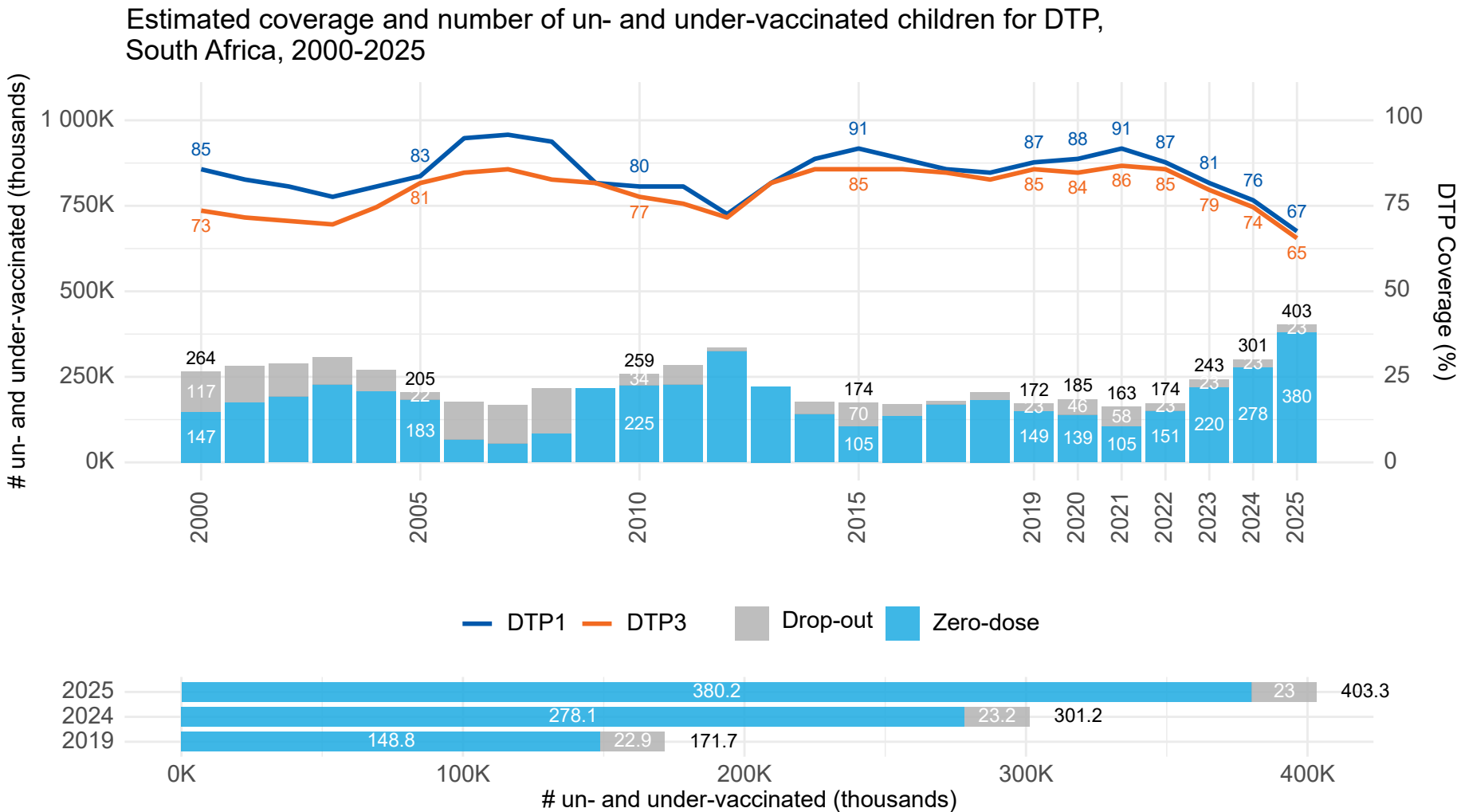
In 2025, DTP1 coverage was 67% and DTP3 was 65%, leaving 403,000 children un- or under-vaccinated, including 380,000 zero-dose and 23,000 with only partial protection.

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 South Africa.

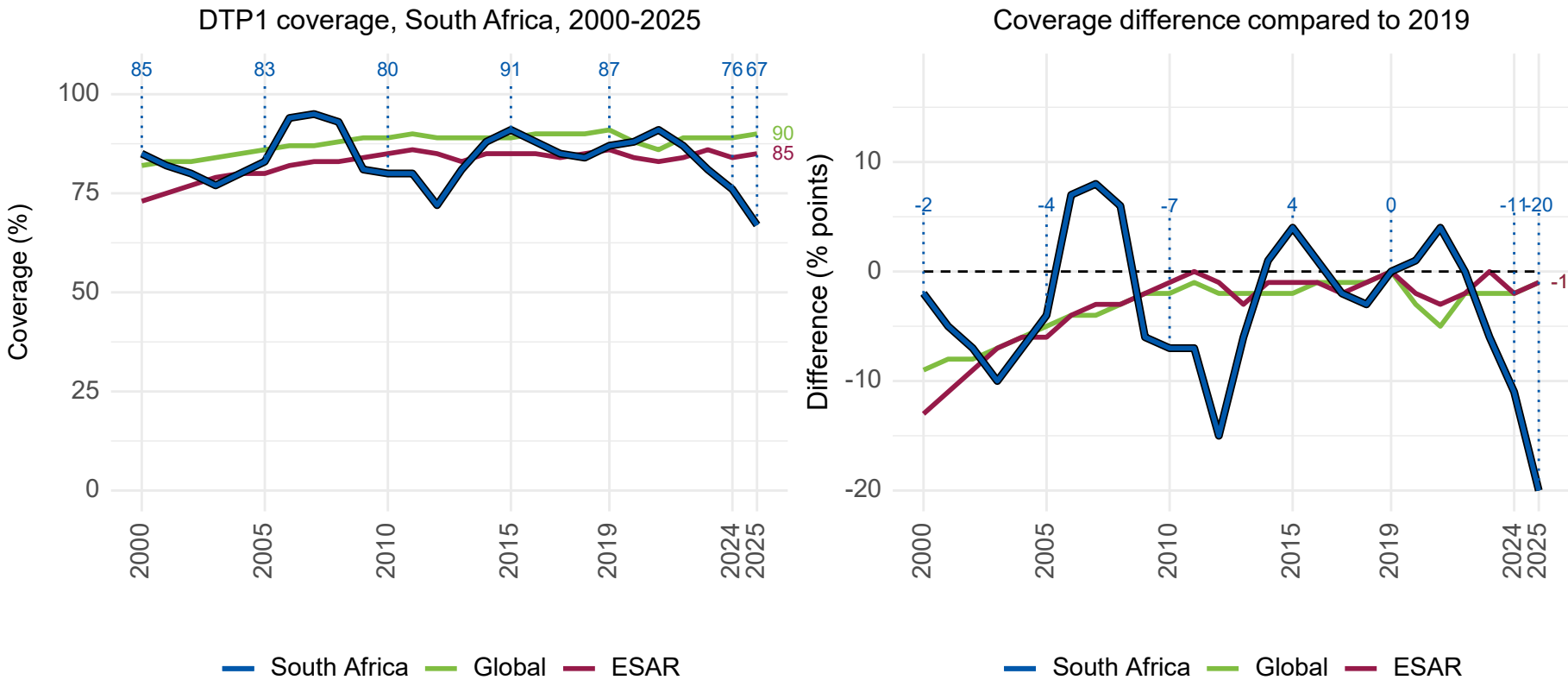
In 2025, DTP1 coverage in South Africa declined at 67%. The number of children missing out on any DTP vaccination (zero-dose children) increased from 278,000 in 2024 to 380,000 in 2025.

DTP3 coverage declined at 65% in 2025, leaving 403,000 children vulnerable to vaccine-preventable diseases.



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.

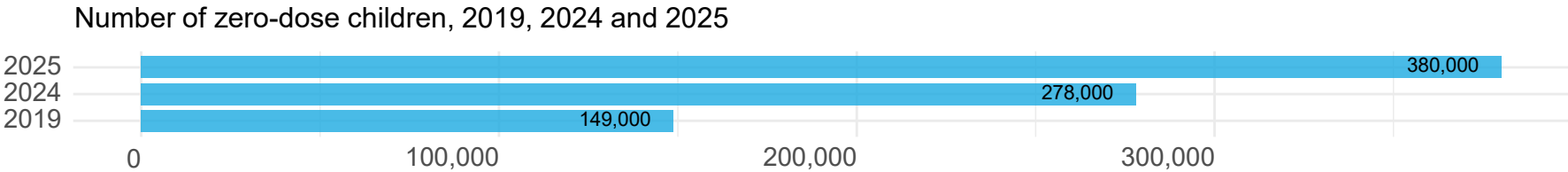
In 2025, South Africa DTP1 coverage was 67% - this is 20 percentage points lower than in 2019 and more than 10 percentage points lower than both the global and regional averages.



In 2025, DTP1 coverage in South Africa (67%) was 23 percentage points lower than the global average (90%) and 18 percentage points lower than the average across all ESAR countries (85%).

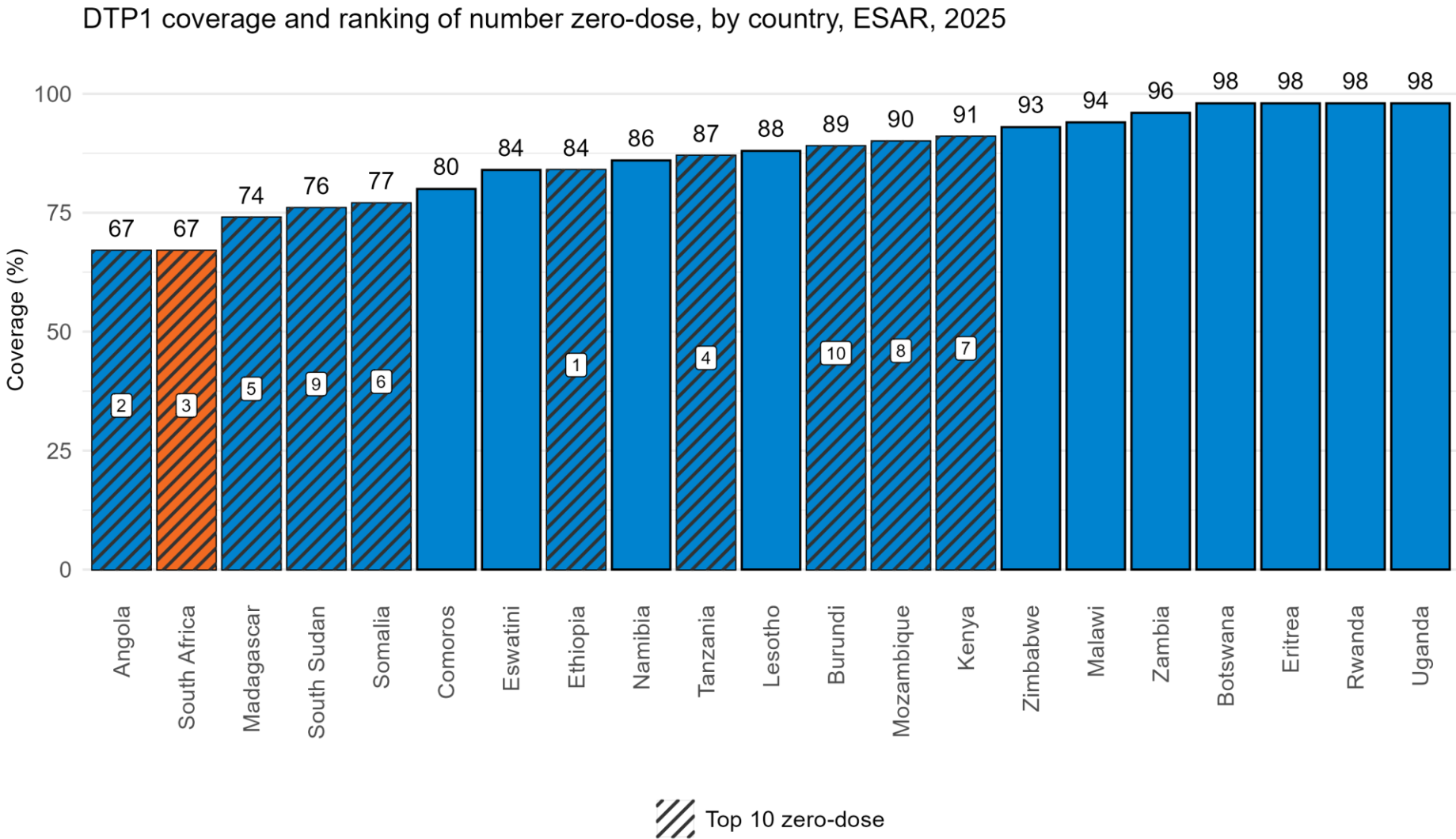
National DTP1 coverage was 20 percentage points lower than in 2019 (87%).

This equates to 380,000 zero-dose children in 2025 compared to 149,000 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, South Africa had the lowest coverage and was among the top 3 countries with the highest number of zero-dose children in the region, highlighting it as a key country for support.



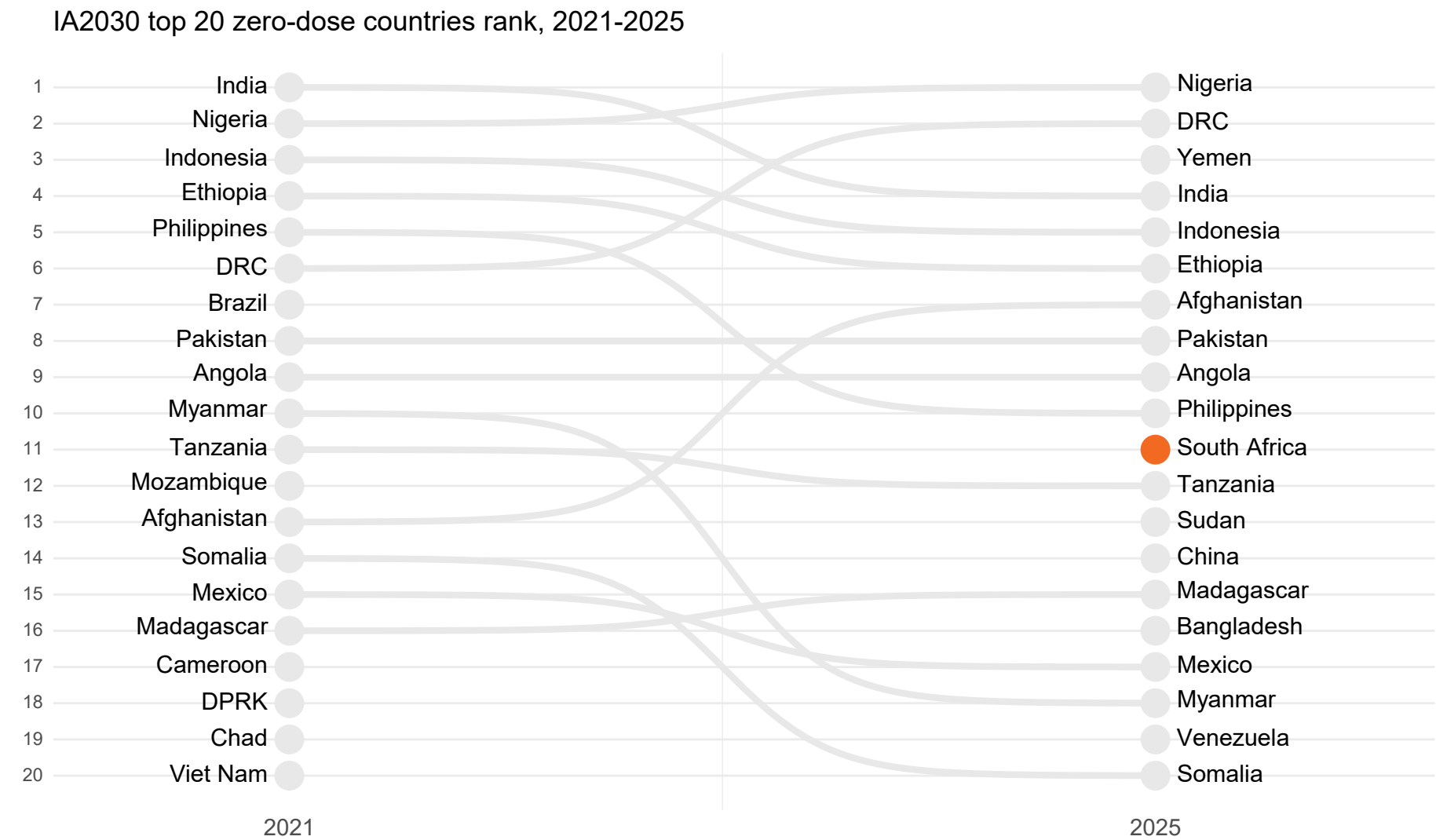
This chart shows DTP1 coverage in countries in ESAR from lowest to highest coverage, and the rank of the top 10 countries with the most zero-dose children, based on absolute numbers.

In 2025, South Africa ranked number 1 out of 21 countries for lowest DTP1 coverage (based on tied ranks).

South Africa was in the top 10 countries with the most zero-dose children (rank=3).

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.

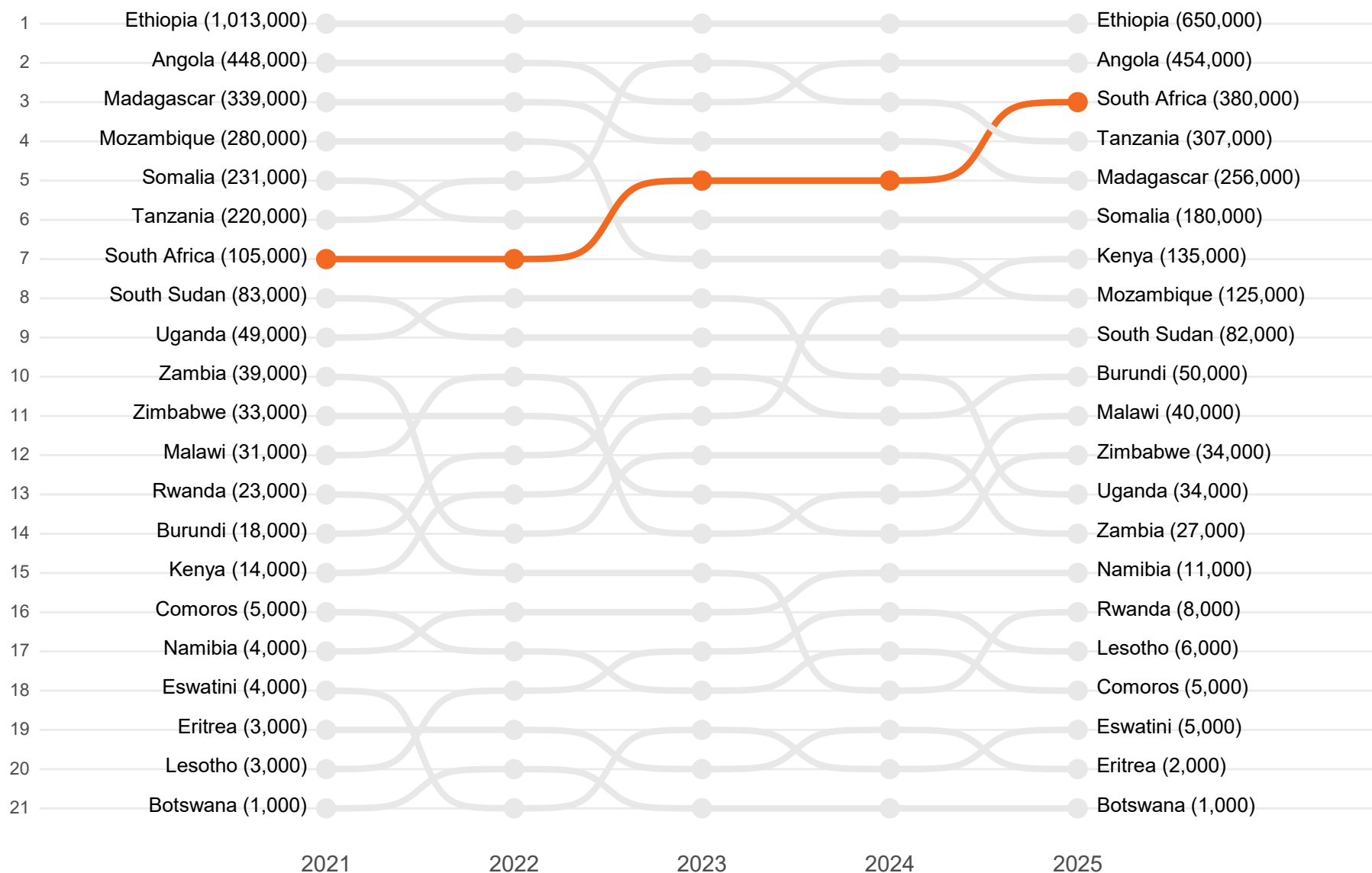
South Africa was not in the top 20 zero-dose countries globally in 2021 but was in 2025.



20 countries were prioritised in the context of the Immunization Agenda 2030 (IA2030), based on their number of zero-dose children in 2021. This chart compares the ranking of the top 20 countries in 2021 and 2025. Rank 1 indicates the country with the highest absolute number of zero-dose children.

South Africa was not in the top 20 zero-dose countries globally in 2021 but was in 2025.

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, South Africa ranked number 7 out of 21 countries with 105,000 zero-dose children.

In 2025, South Africa ranked number 3 out of 21 countries with 380,000 zero-dose children.

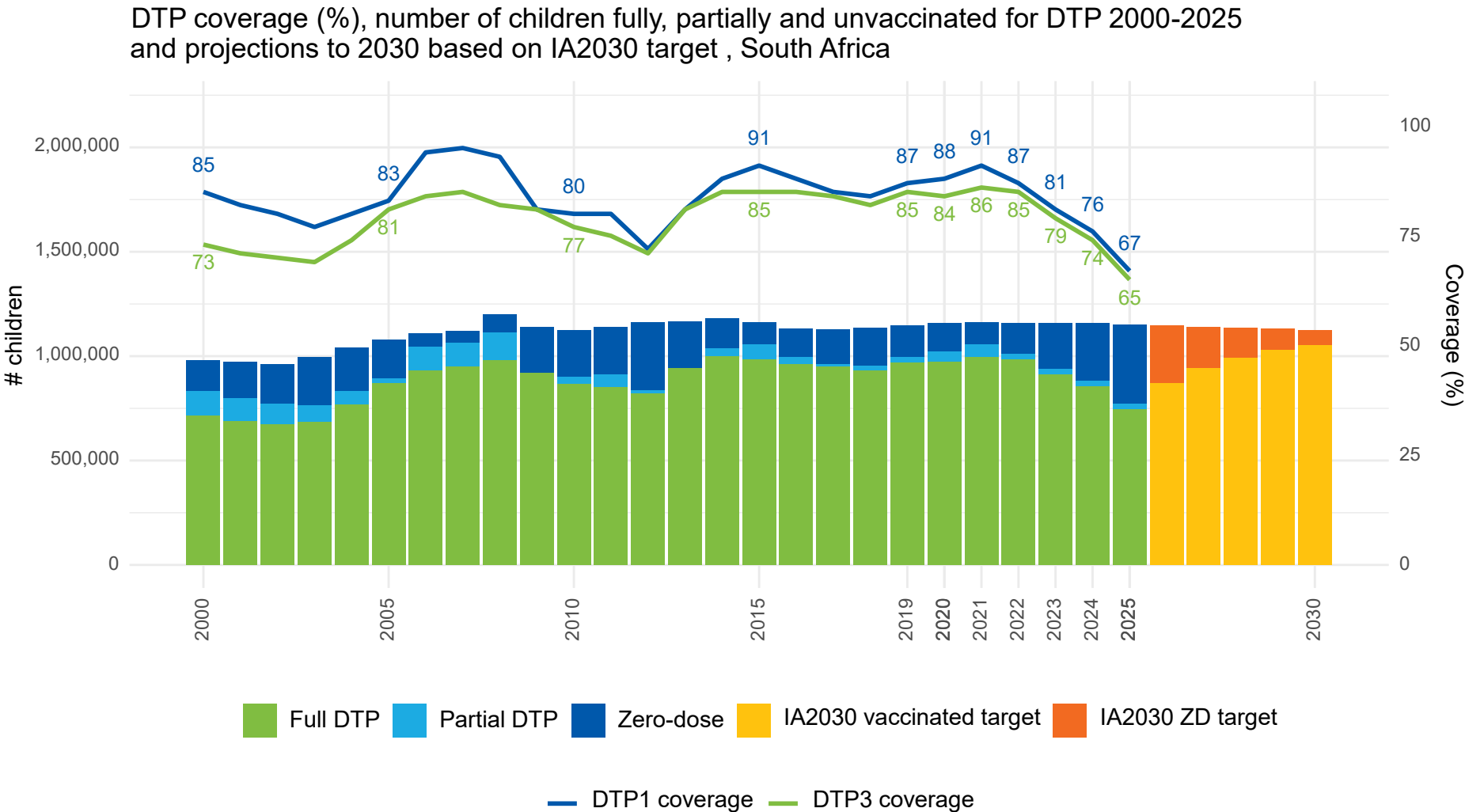
Note: Absolute numbers of zero-dose children is based on a combination of programme performance and surviving infant target population size. Countries may climb to a higher rank despite a decline in number of zero-dose children as the ranking also depends on performance of other countries in the region.



WUENIC 2025 revision

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

Considerably 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 decline in surviving infants.



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.

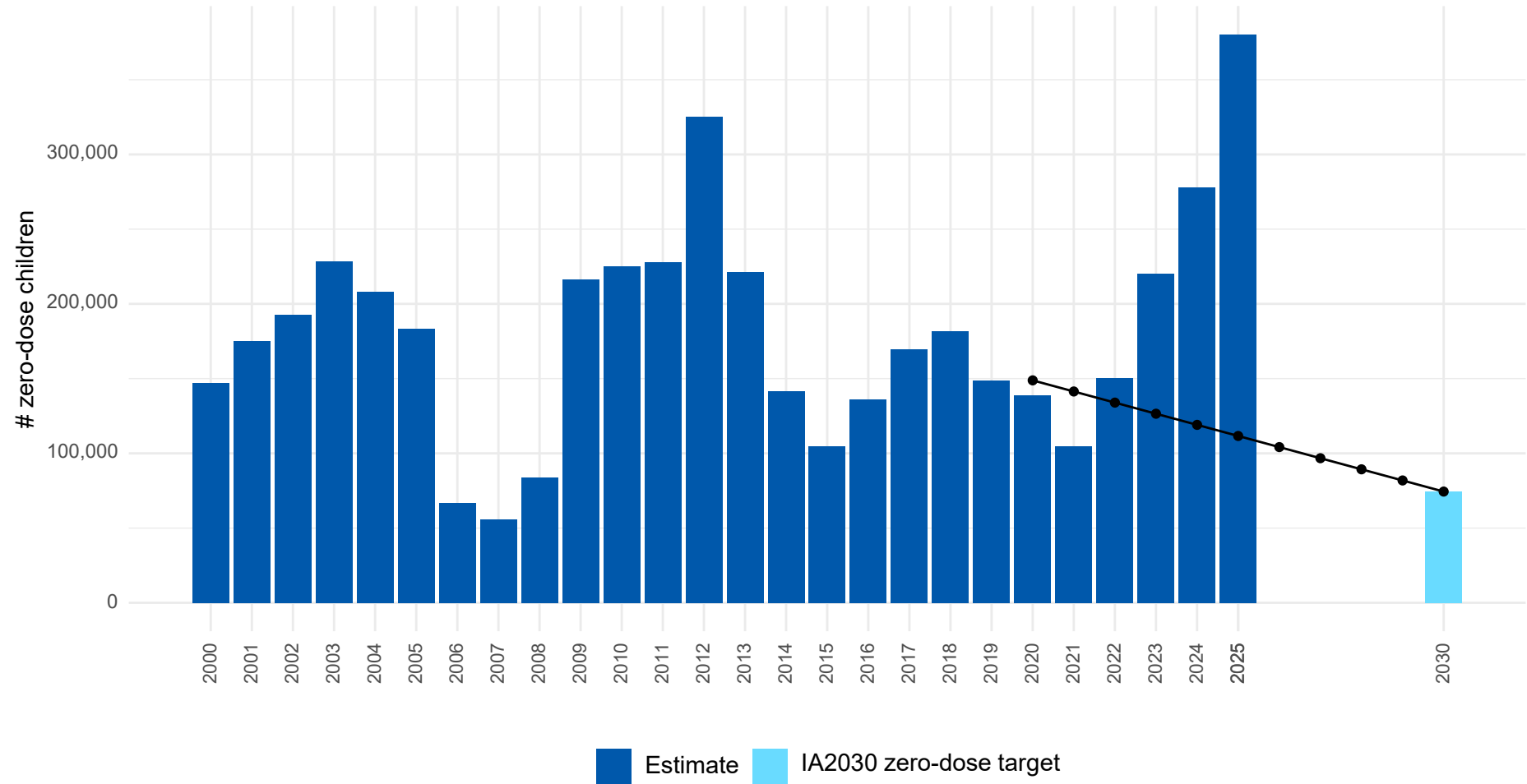
IA2030 calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. This chart shows the annual number of children required to be vaccinated to reach the ZD target.

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.

South Africa is projected to have a decline in the number of surviving infants by 2030. considerably more (~6.37%) children need to be vaccinated with DTP1 each year.

In 2025, the number of zero-dose children was 241% above the annual IA2030 goal, putting the 2030 goal at serious risk without accelerated action.

Estimated number of zero-dose children, 2000-2025 and target by 2030, South Africa



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 241% 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.

DTP1 coverage in 2025 (67%) was lower than in 2019 (87%).

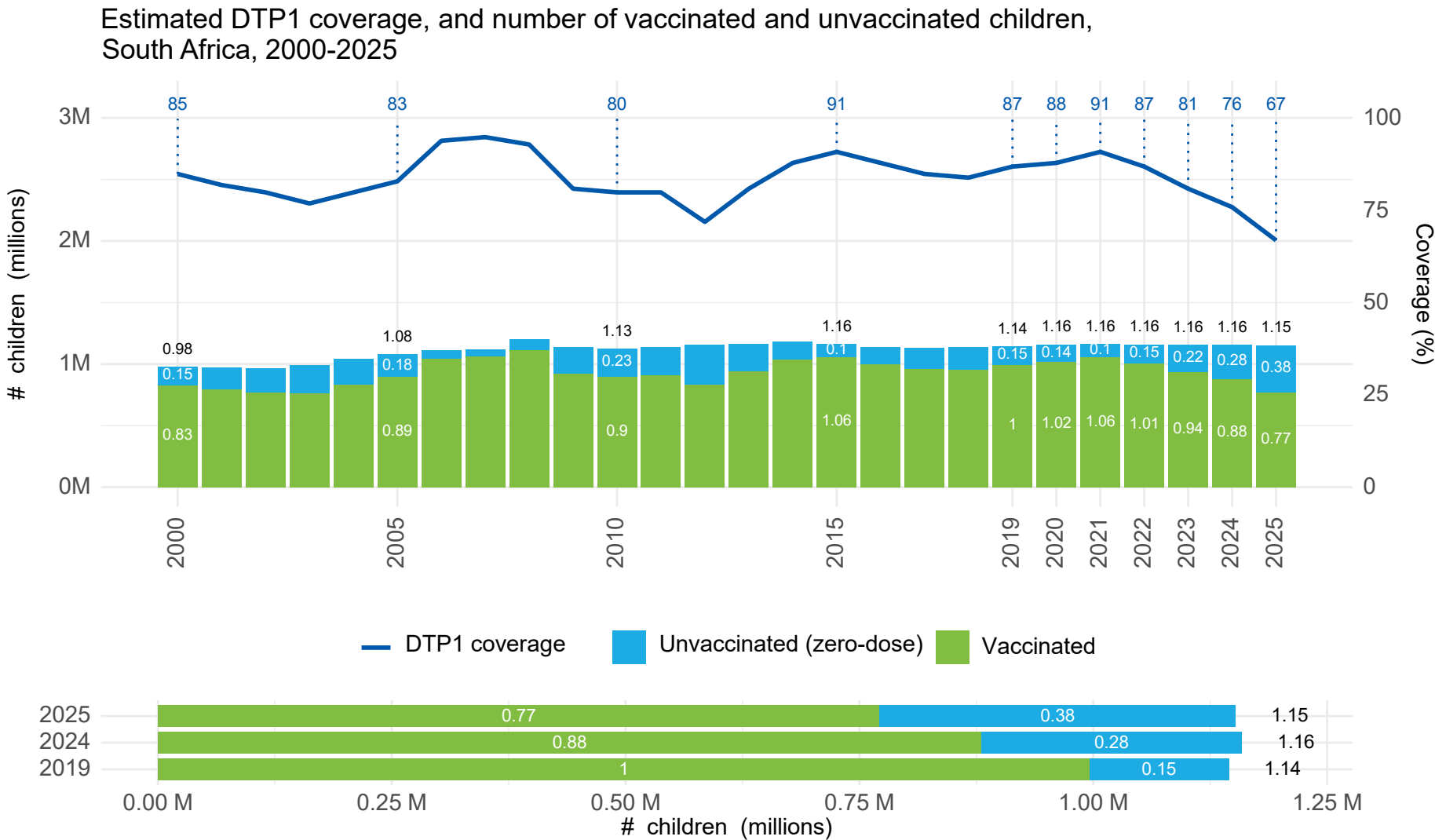
The number of children vaccinated with DTP1 decreased 22% compared to in 2019.

The number of surviving infants increased approximately 1% compared to in 2019.

In 2025, 200,000 fewer children were vaccinated than in 2019.

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

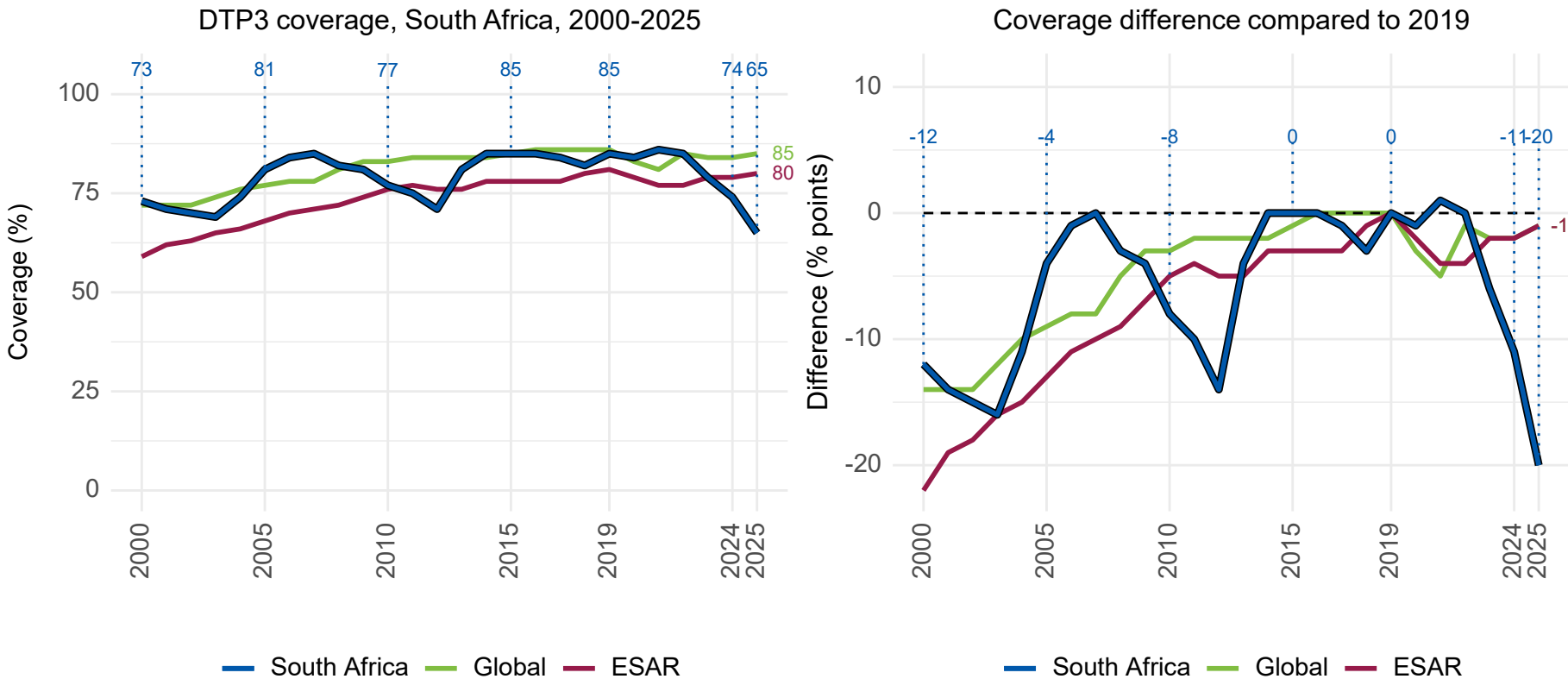
For vaccine coverage to increase, the number of children vaccinated must increase at a faster rate than the population increases.



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

DTP3

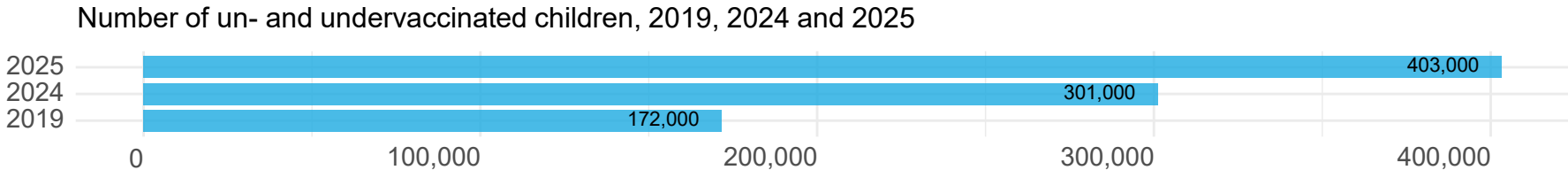
In 2025, South Africa DTP3 coverage was 65% - this is 20 percentage points lower than in 2019 and more than 10 percentage points lower than both the global and regional averages.



In 2025, DTP3 coverage in South Africa (65%) was 20 percentage points lower than the global average (85%) and 15 percentage points lower than the average across all ESAR countries (80%).

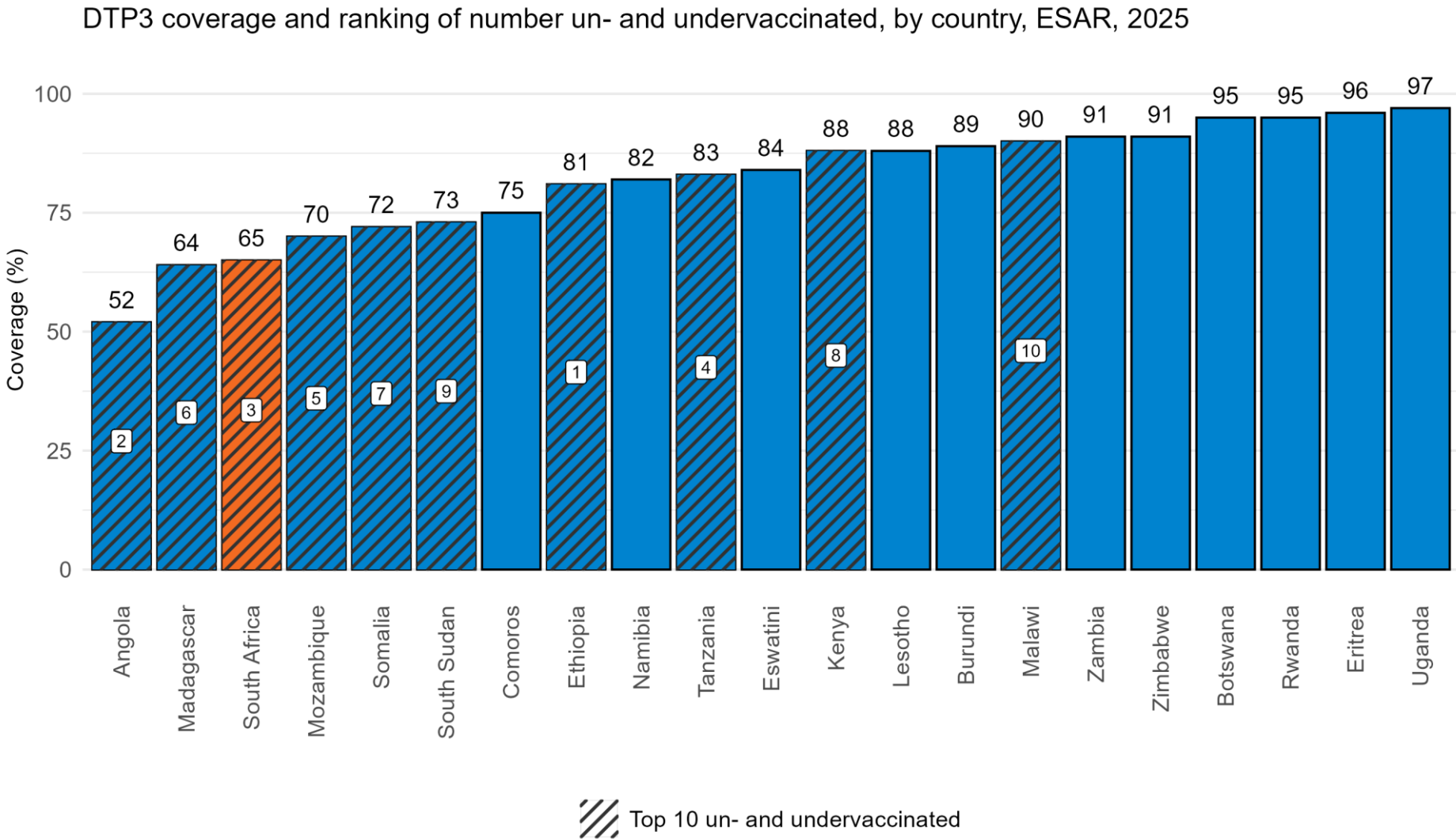
National DTP3 coverage was 20 percentage points lower than in 2019 (85%).

This equates to 403,000 un- and undervaccinated children in 2025 compared to 172,000 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, South Africa was among the countries with the lowest coverage and was in the top 3 countries with the highest number of un- and undervaccinated children in the region, highlighting it as a country requiring support.



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, South Africa ranked number 3 out of 21 countries for lowest DTP3 coverage (based on tied ranks).

South Africa was in the top 10 countries with the most un- and undervaccinated children (rank=3).

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.

DTP3 coverage in 2025 (65%) was lower than in 2019 (85%).

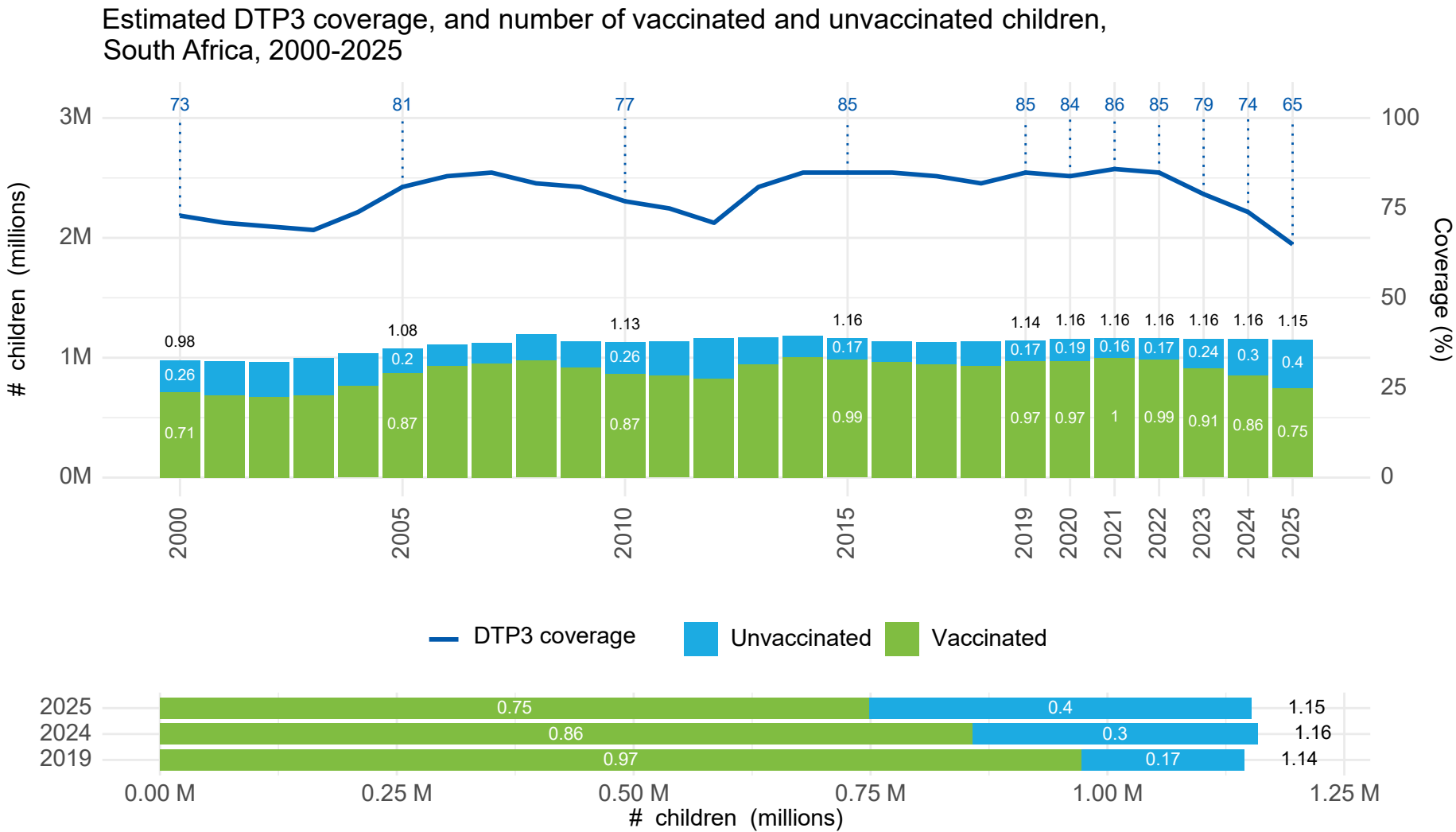
The number of children vaccinated with DTP3 decreased 23% compared to in 2019.

The number of surviving infants increased approximately 1% compared to in 2019.

In 2025, 200,000 fewer children were vaccinated than in 2019.

In 2025, there were 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.

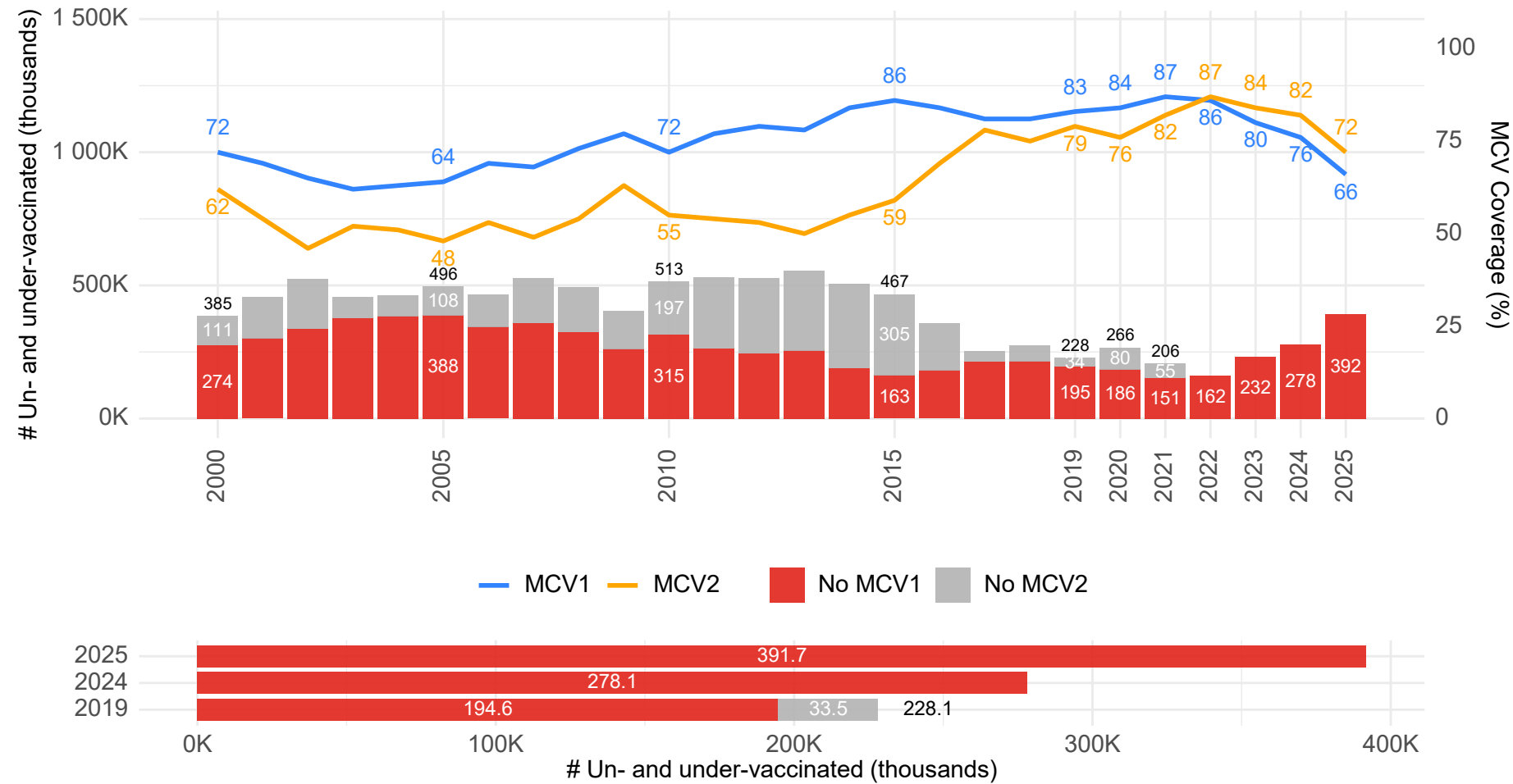


Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Unvaccinated includes zero-dose and undervaccinated children

MCV1

MCV1 coverage declined at from 76% in 2024 to 66% in 2025 - below the 95% level needed to prevent outbreaks and, leaving 392,000 children without any protection against measles. MCV2 coverage declined at from 82% in 2024 to 72% in 2025 - below the IA2030 target of 90%.

Estimated coverage and number of un- and under-vaccinated children for MCV, South Africa, 2000-2025



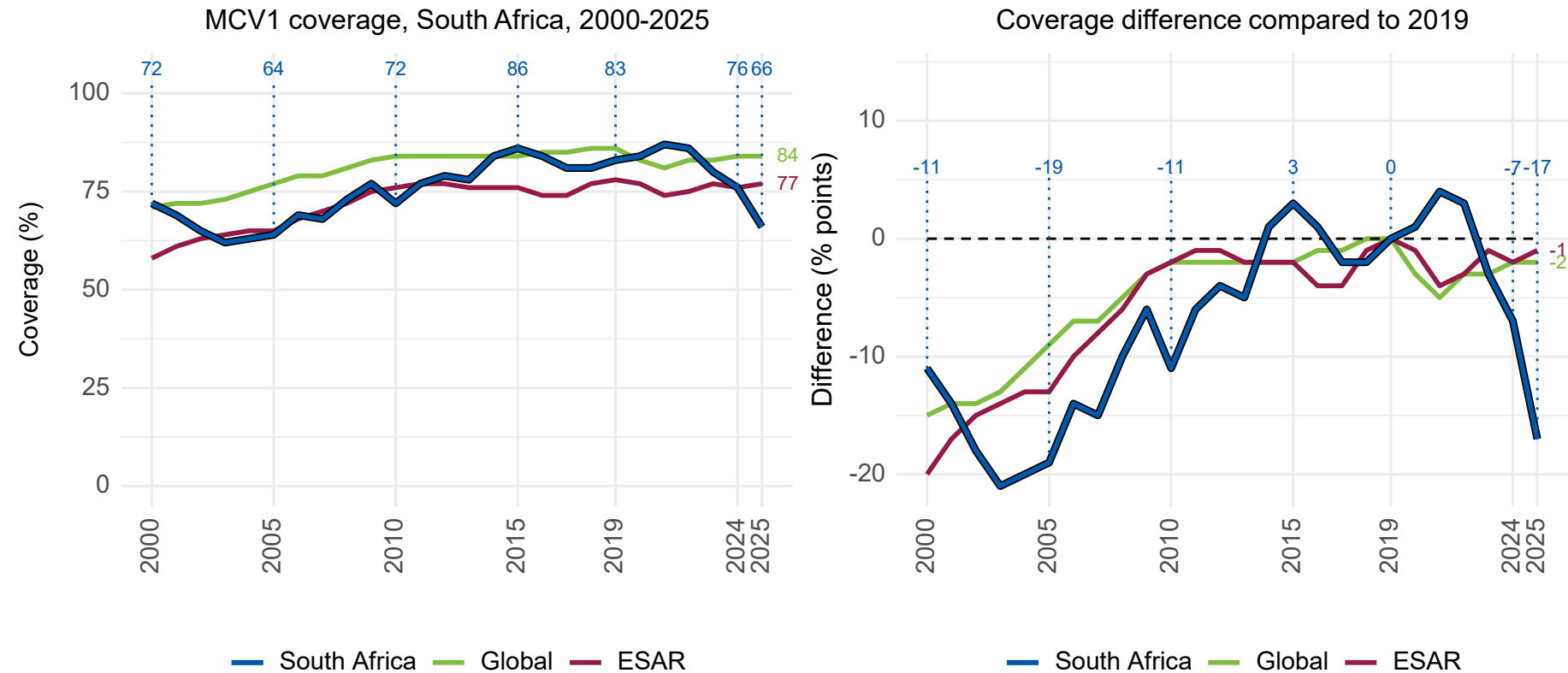
Measles, because of its high transmissibility, acts as a 'canary in the coalmine', quickly exposing any immunity gaps in the population. The coverage of measles containing vaccine (MCV) is thus often used as a tracer for protection.

The percentage of children receiving MCV1 – typically at 9 or 12 months depending on the national vaccination schedule – declined at 66%. This is lower than in 2019, where coverage was 83%.

392,000 children missed their routine first dose of measles vaccine.

MCV2 is typically administered to children between 18 months and five years old. MCV2 coverage declined at 72% in 2025.

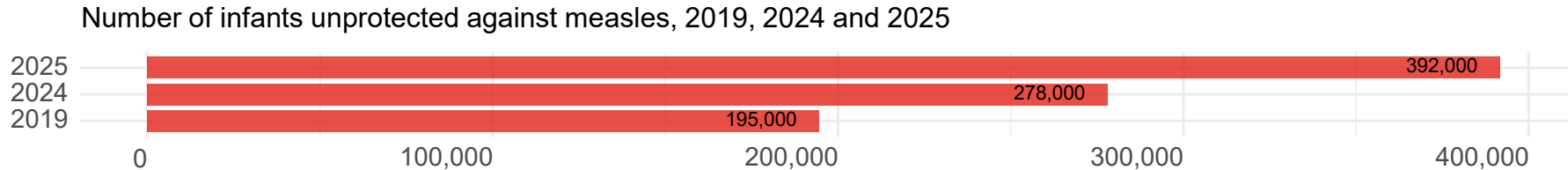
In 2025, South Africa MCV1 coverage was 66% - this is 17 percentage points lower than in 2019 and more than 10 percentage points lower than both the global and regional averages.



In 2025, MCV1 coverage in South Africa (66%) was 18 percentage points lower than the global average (84%) and 11 percentage points lower than the average across all ESAR countries (77%).

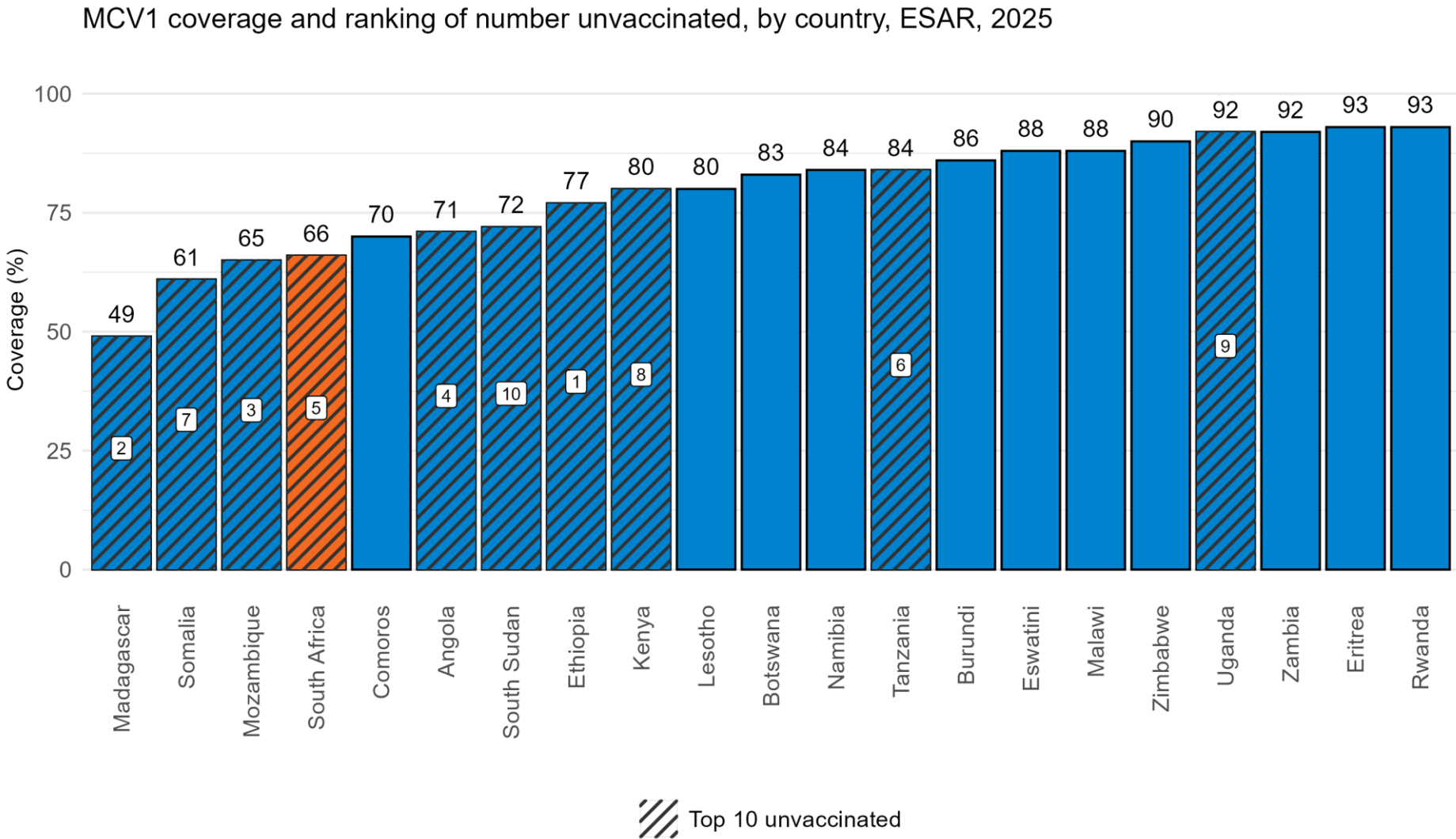
National MCV1 coverage was 17 percentage points lower than in 2019 (83%).

This equates to 392,000 unvaccinated children in 2025 compared to 195,000 unvaccinated 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, South Africa 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, South Africa ranked number 4 out of 21 countries for lowest MCV1 coverage (based on tied ranks).

South Africa was in the top 10 countries with the most unvaccinated children (rank=5).

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 (66%) was lower than in 2019 (83%).

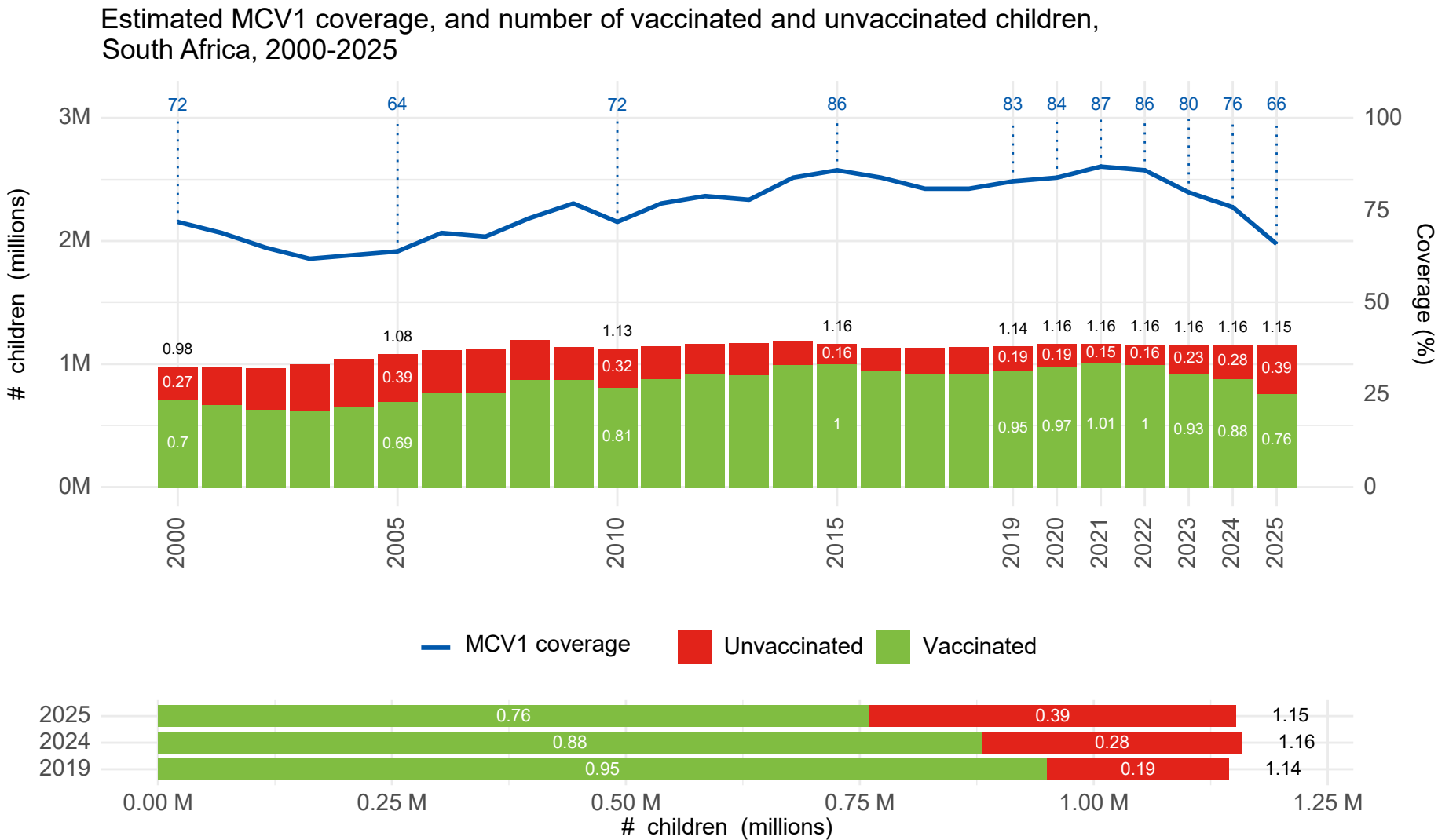
The number of children vaccinated with MCV1 decreased 20% compared to in 2019.

The number of surviving infants increased approximately 1% compared to in 2019.

In 2025, 200,000 fewer children were vaccinated than in 2019.

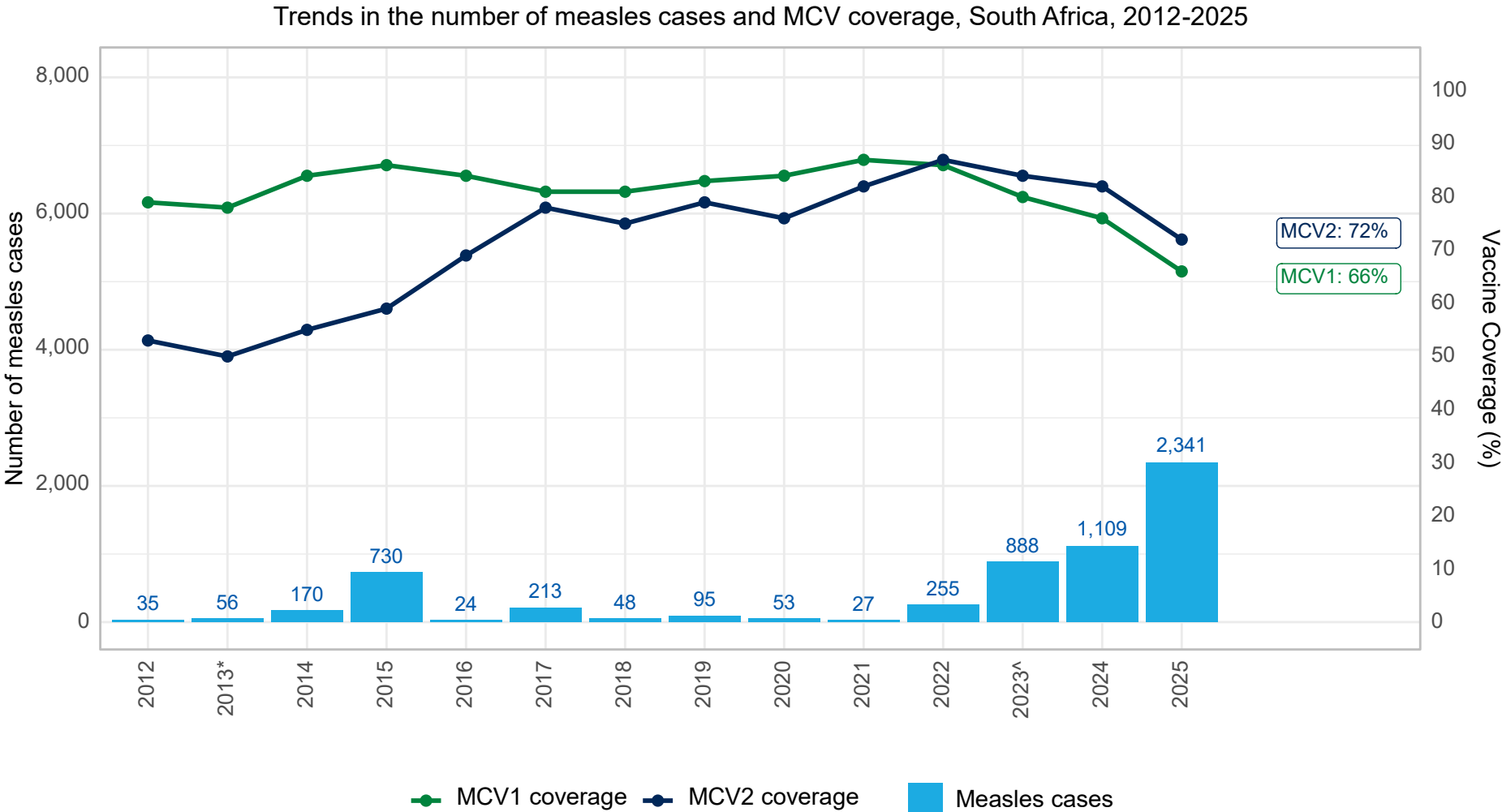
In 2025, there were more surviving infants (target population) than in 2019.

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, South Africa experienced an increase in measles cases compared with 2024, while MCV1 coverage was 66% and MCV2 coverage was 72%.



In 2025, there was a total of 2,341 confirmed measles cases in South Africa. In the same year, MCV1 coverage was 66% and MCV2 coverage was 72%.

The number of cases in 2025 was 2.1 times more cases than in 2024 (n=1,109).

The highest number of measles cases was reported in 2025 (n=2,341). In this year, MCV1 coverage was 66%.

South Africa reported measles vaccine stockouts in 2004 and 2013.

There were measles-containing vaccine supplementary immunization activities/campaigns in 2023.

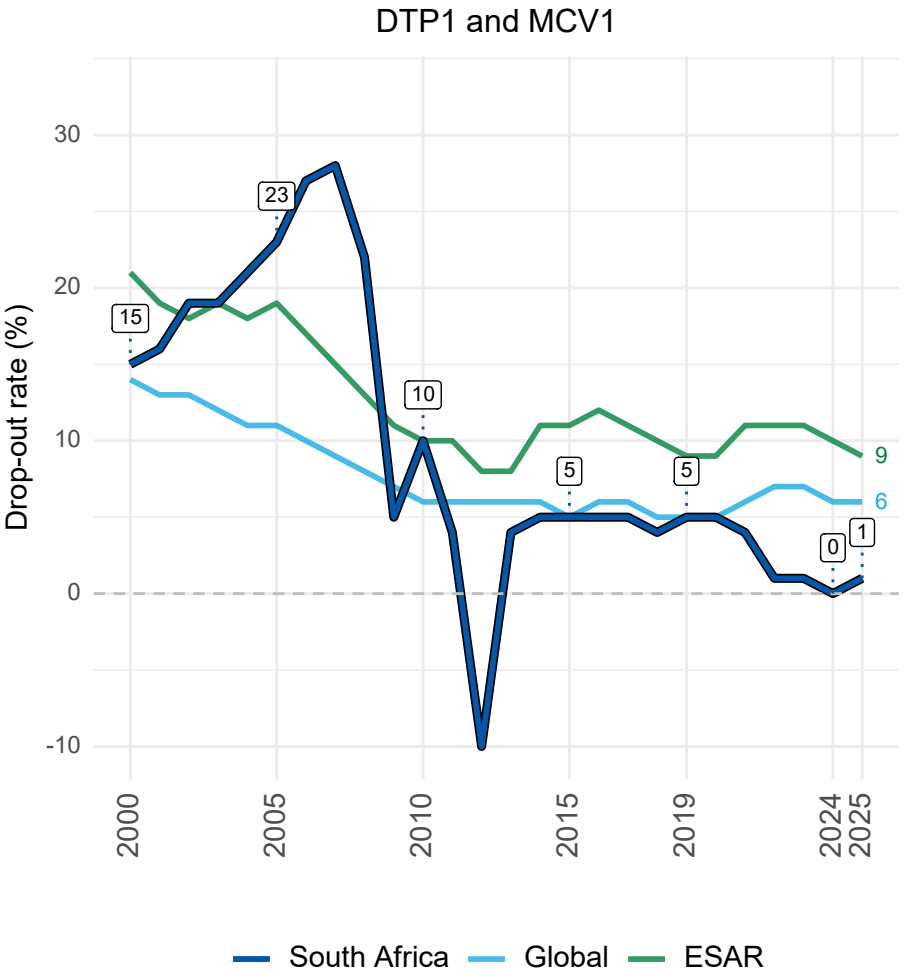
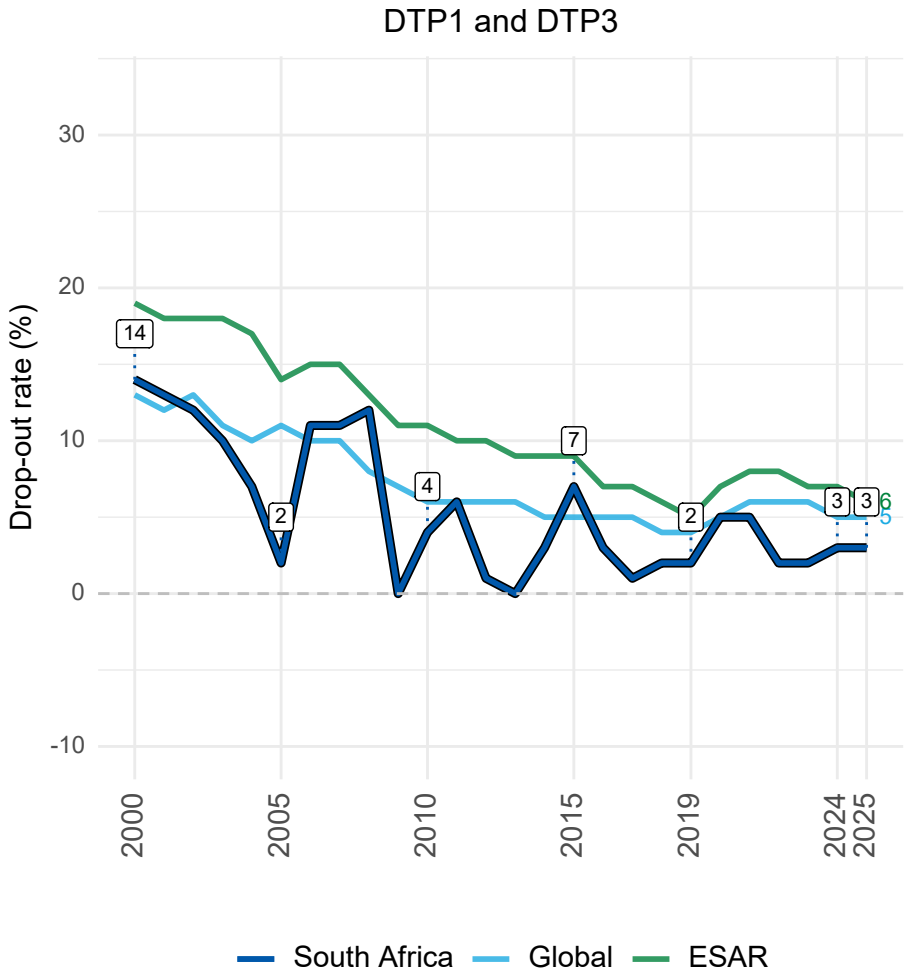
Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision; Reported measles and rubella cases and incidence rates by WHO Member States, as of 12 June 2026. Provisional data based on monthly data reported to WHO (Geneva) as of 12 June 2026.

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

Childhood immunization: Additional charts

In 2025, DTP1 and DTP3/MCV1 drop-out was low in South Africa, indicating good retention of children in immunization programmes, and current efforts to ensure follow up are successful.

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.

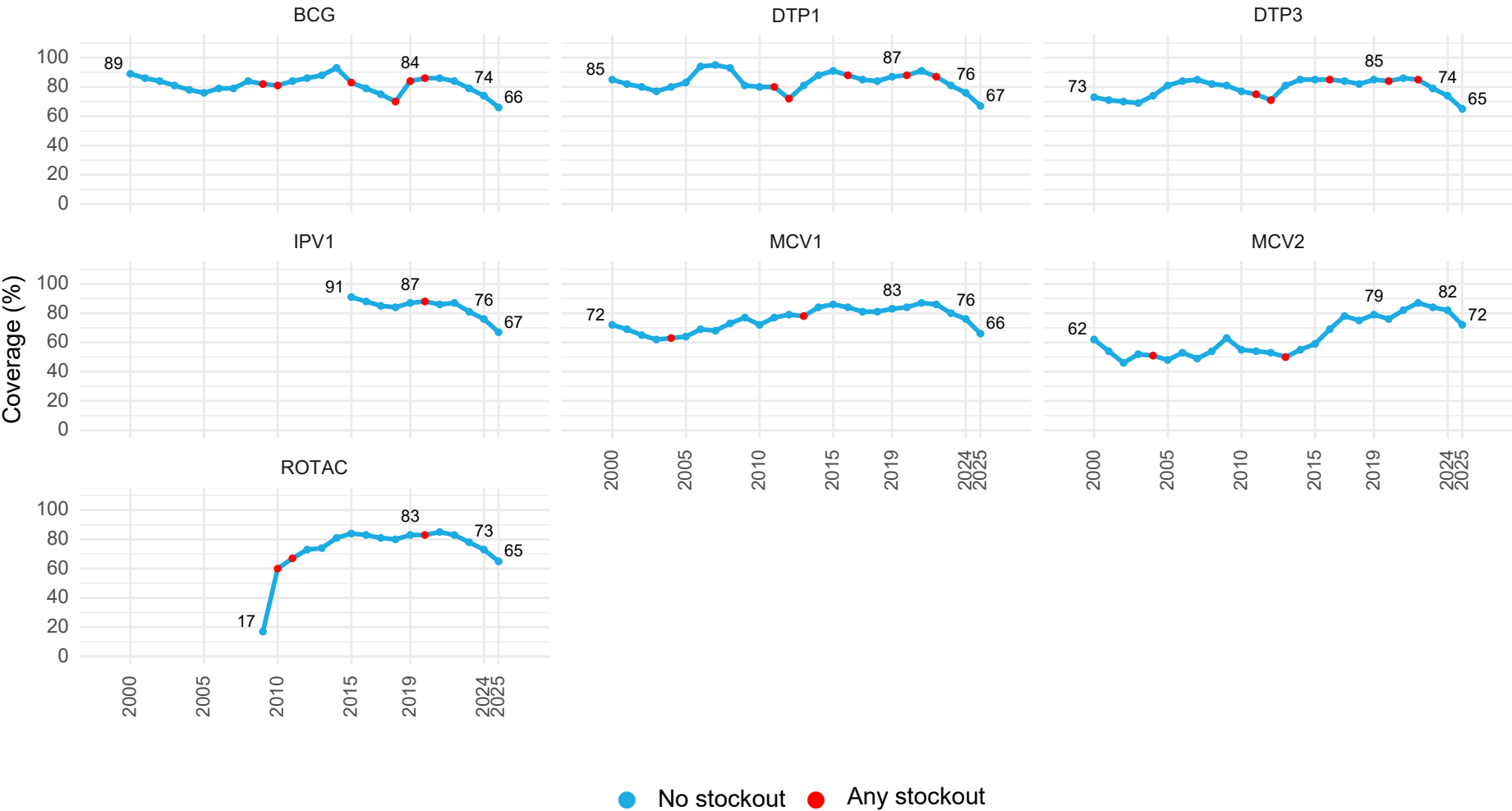
In 2025, 3% of children who received DTP1 did not receive DTP3 (left), and 1% of children who received DTP1 did not receive MCV1 (right).

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

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

In 2025, South Africa had its lowest coverage in DTP3 and ROTAC (65%), while most other routine vaccines clustered around 66-72%; 7 antigens decreased since 2019, and 7 antigens decreased since 2024.

Coverage of recommended childhood vaccines, South Africa, 2000-2025



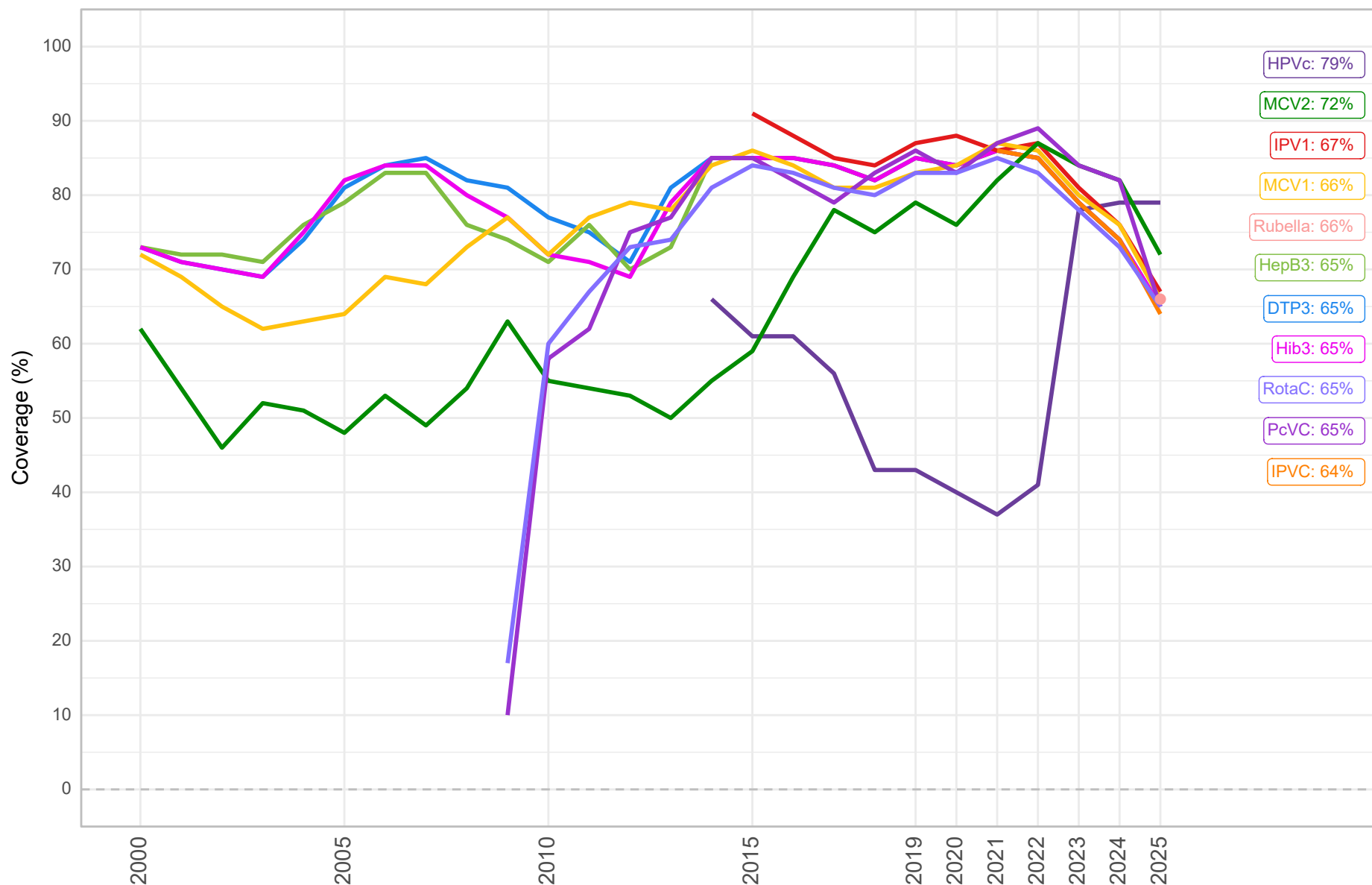
This chart shows trends in coverage of selected core routine vaccines recommended in childhood.

In 2025, DTP3 and ROTAC had the lowest coverage (65%), followed by BCG and MCV1 (66%).

Compared to 2019, coverage of 7 vaccines decreased (BCG, DTP1, DTP3, IPV1, MCV1, MCV2 and ROTAC).

Compared to 2024, coverage of 7 vaccines decreased (BCG, DTP1, DTP3, IPV1, MCV1, MCV2 and ROTAC).

Vaccine coverage (%), South Africa, 2000-2025



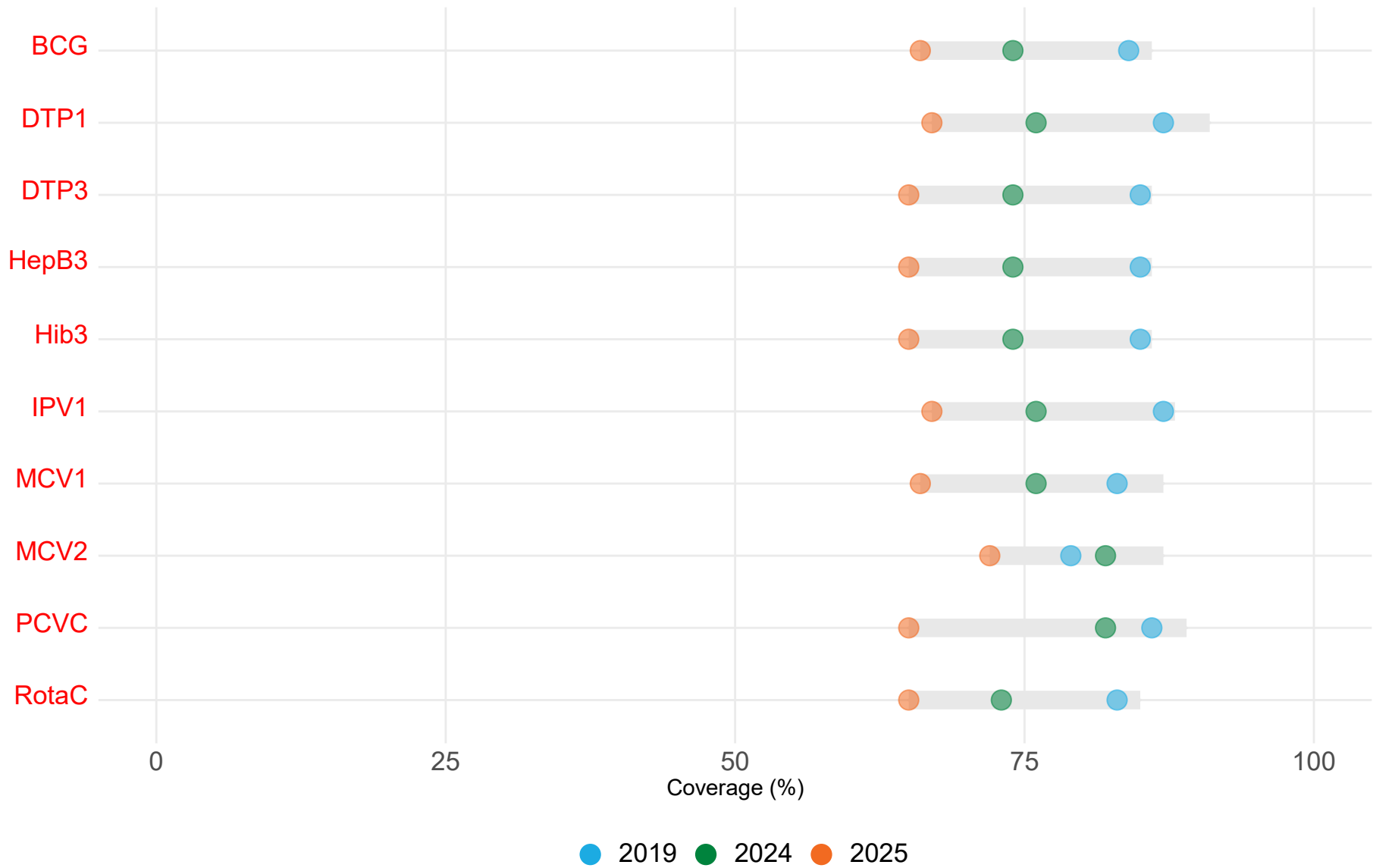
This chart shows trends in coverage of 10 vaccines (complete series).

In 2025, IPVC had the lowest coverage of all vaccines (64%), followed by DTP3, HepB3, Hib3, and RotaC (65%).

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

Coverage of 8 vaccines decreased (DTP3, HEPB3, HIB3, IPV1, IPVC, MCV1, MCV2 and ROTAC) and 1 vaccine was the same (HPVC) compared to respective coverage in 2024.

Vaccine coverage (%), South Africa, 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 (87%) and 2024 (76%). DTP1 coverage declined in 2025 (67%) compared to 2024, and was lower than in 2019. In 2019-2025, DTP1 coverage was at it's lowest level in 2025 (67%).

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

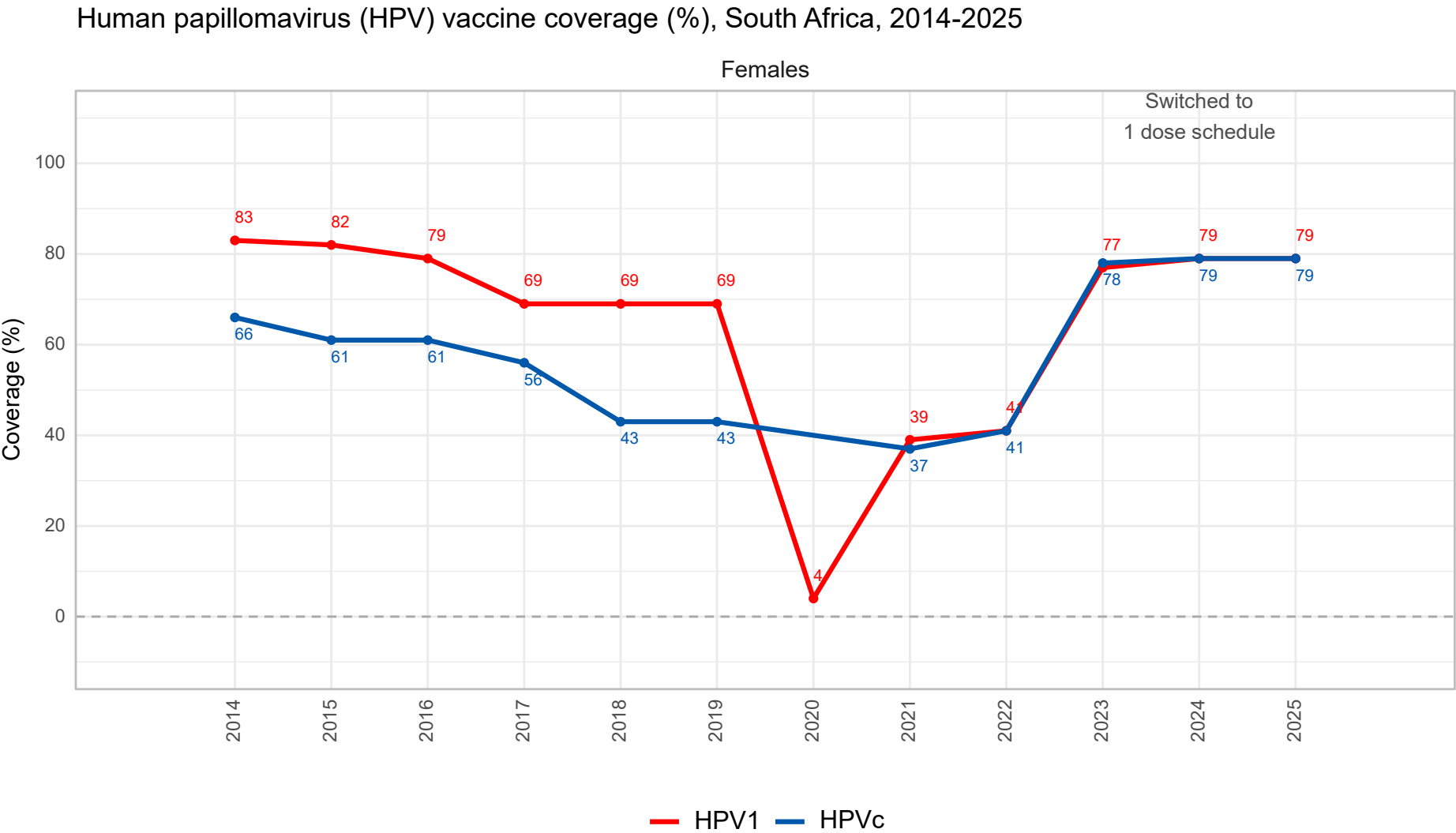
In 2025, 10 vaccines had lower coverage than in 2019.

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 remained at 79%, following switch to single dose in 2024.



The first year of HPV programme coverage estimates in South Africa was 2014.

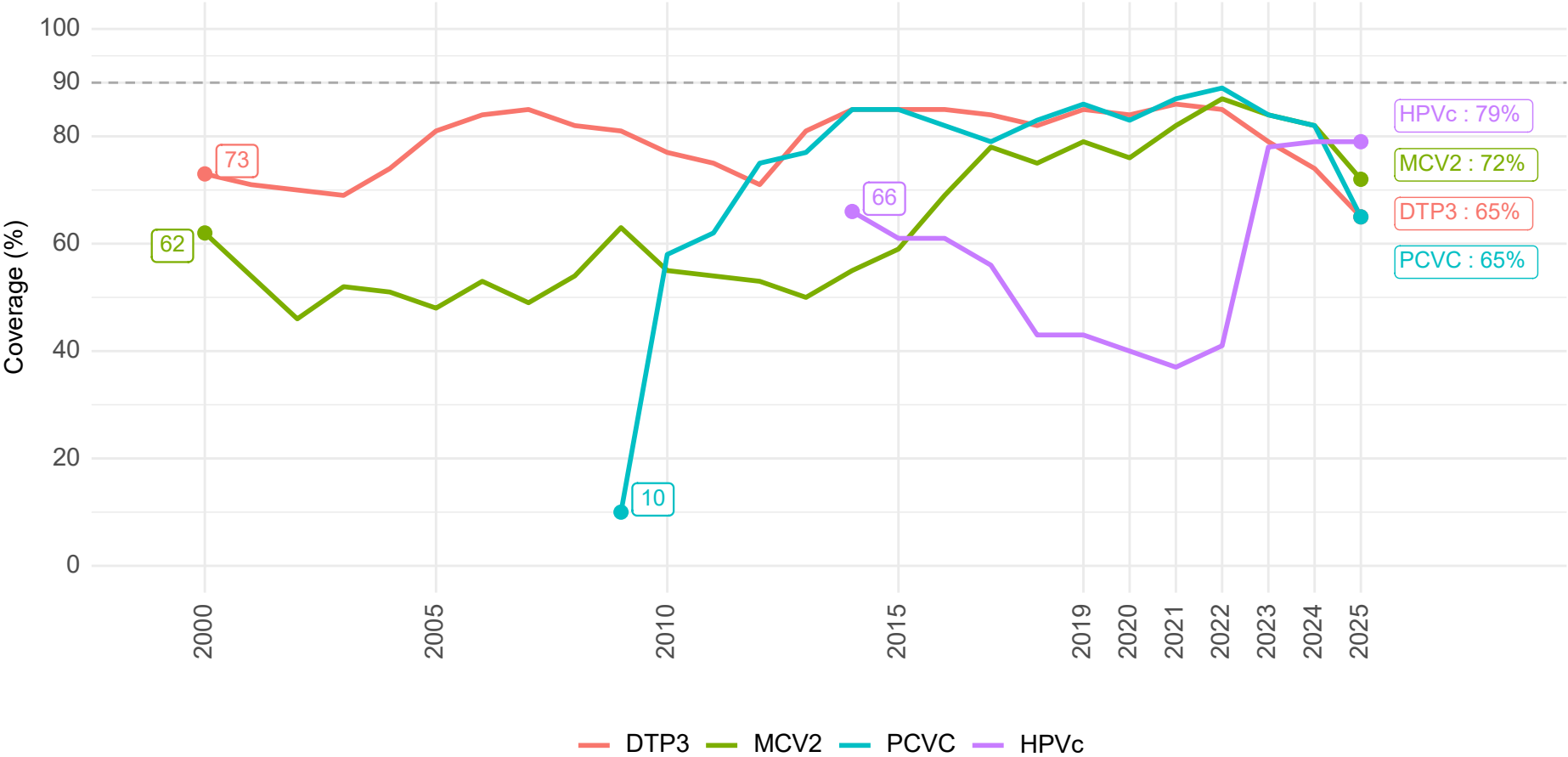
In 2025, first dose (HPV1) programme coverage among girls was 79%. In 2025, last dose (HPVc) programme coverage among girls was 79%.

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.

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, South Africa, 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.

South Africa has all 4 of the SDG vaccines.

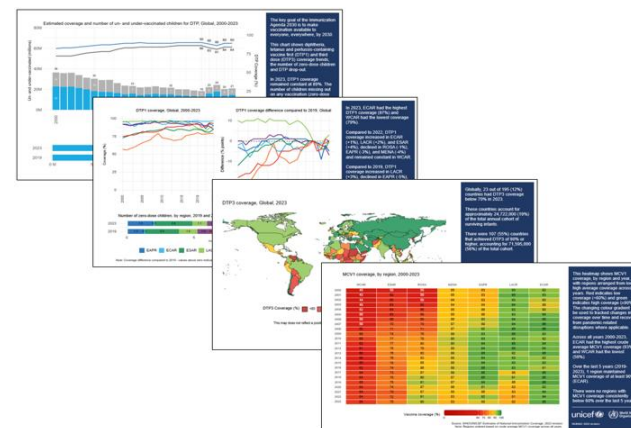
In 2025, South Africa had achieved at least 90% coverage of none out of the 4 vaccines.

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

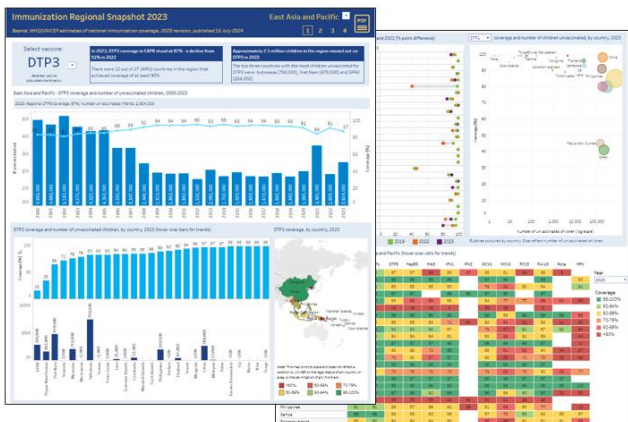
UNICEF, WHO, World Bank, Gavi and
African Union regions



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 "Average Coverage Page by Vaccine and Year, 2010-2020" showing coverage percentages for various vaccines over time.
- Top Center:** A line chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Top Right:** A line chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Middle Left:** A line chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Middle Center:** A bar chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Middle Right:** A bar chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Bottom Left:** A bar chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Bottom Center:** A heatmap titled "Coverage Trends by Vaccine and District, 2010-2020" showing coverage trends for various vaccines across different districts over time.
- Bottom Right:** A heatmap titled "Coverage Trends by Vaccine and District, 2010-2020" showing coverage trends for various vaccines across different districts over time.

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

Revision Year: 2023

Overview

- While rising vaccine rates illustrate confidence and success, rates of the unvaccinated remain elevated at average coverage of 50% or higher across all LACR Region (2023)
- Coverage of the first dose of COVID-19 vaccine among children comparing vaccine uptake in 2021 to 2022 was 46% and 50% respectively. The first dose of COVID-19 vaccine among adults comparing vaccine uptake in 2021 to 2022 was 34% and 35% respectively. The second dose of COVID-19 vaccine among adults comparing vaccine uptake in 2021 to 2022 was 24% and 25% respectively.
- At the country level, 22 out of 33 (67%) countries achieved coverage of 40% or higher at least one of the 14 different vaccine administration in the region.
- There were 10 countries that did not achieve 1 of each 10% coverage in any vaccine (i.e. genitrix, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero, Bexsero).
- In 2023, the number of unvaccinated children in 14 different countries approximately 25% higher than the average goal to achieve the immunization target 2023 (targeting 70% of the number of unvaccinated children to 14% in 2023 in the region of interest).

vaccine coverage (%) by age, LACR, 2023

Latin America and the Caribbean Region

- The LACR region includes 33 countries (Argentina and Barbados, a French Overseas, Brazil, Chile, Cuba, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay)
- Note: Suriname, Nicaragua, and other islands individually, but is located in the region.

WUENIC Talking Points: Ethiopia

Revision Year: 2023

Contents

Overview	2
DTPI: Reaching zero-dose children	4
DTPI: A number of vaccine administration series delays in children	6
DTPI: Country in the cold war	6
DTPI: Regional comparison	7
Additional Figures	10

Ethiopia in the African region

DTPI: Reaching zero-dose children

- In 2023, DTPI coverage in Ethiopia was 67%, compared to 70% in 2022.
- In 2023, the number of zero-dose children in Ethiopia (2023) was approximately 1.5 million, compared to 1.5 million in 2022.
- There were 34,000 zero-dose children in the region in 2023 compared to 25,000 in 2022. This indicates a decrease in the number of zero-dose children in the region.
- The average decrease in zero-dose children in the region was 14% (2023 compared to 2022) (DTPI coverage in 2023 (67%) vs. regional average).
- Among Eastern and Southern Africa region, Ethiopia ranked 14 out of 21 countries.
- DTPI coverage in 2023 was 67%, a percentage point increase from 64% in 2022.
- DTPI coverage in 2023 was 67%, a percentage point increase from 64% in 2022.

DTPI: Reaching zero-dose children

DTPI: Reaching zero-dose children

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>

