



Montenegro

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 remained constant at 92% between 2024 and 2025.
- DTP3 coverage declined 6 percentage points from 81% in 2024 to 75% in 2025.
- There were there were approximately the same number of zero-dose children in 2025. This leaves <1,000 children without vaccination, vulnerable to vaccine-preventable diseases and a further 1,000 with incomplete protection.
- Montenegro accounted for 0.2% of zero-dose children in Europe and Central Asia (ECAR) and <0.1% of zero-dose children globally.
- MCV1 coverage declined 10 percentage points from 23% in 2024 to 13% in 2025. There were 6,000 children who missed out on the first measles vaccination.
- MCV2 coverage declined 2 percentage points from 68% in 2024 to 66% in 2025.
- Last dose coverage of HPV vaccination (HPVc) among girls increased from 5% to 27% in 2025 due to improved programme performance.

Vaccination schedule, 2025

Level	Vaccine	Dose number and age administered			
		1	2	4	3
National	BCG	Birth			
National	DTAPHIBHEPBIPV	9 weeks	17 weeks		
National	DTAPHIBHEPBIPV (booster)			18 months	
National	DTAPHIBIPV				23 weeks
National	HPV (females)	9-14 years			
National	MMR	13 months	6 years		
National	PCV	4 months	6 months		13 months

This table shows the 2025 national immunization schedule for routine services in Montenegro, 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	Risk groups
HPV (Human papillomavirus) vaccine	2022	
HepB birth dose	Not introduced	2018
Hepatitis B vaccine	2006	
Hib (Haemophilus influenzae type B) vaccine	2006	
IPV (Inactivated polio vaccine)	2011	
IPV (Inactivated polio vaccine) 2nd dose	2011	
Malaria vaccine	Not introduced	
Measles-containing vaccine 2nd dose	2006	
Meningococcal meningitis vaccines (any strain)	Not introduced	
Mumps vaccine	2006	
PCV (Pneumococcal conjugate vaccine)	2024	
RSV (Respiratory syncytial virus) immunization strategy	Not introduced	
Rotavirus vaccine	Not introduced	
Rubella vaccine	2006	
Typhoid conjugate vaccine	Not introduced	

This table displays the year each vaccine was introduced in Montenegro. 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	Subnational	National (0.5m) and subnational			
DTP-Hib-IPV				National (8m) and subnational	National (3m) and subnational
HepB	National (3m) and subnational	National (4m) and subnational	National (10m) and subnational	National (2m) and subnational	National (3m) and subnational
Hib	National (12m) and subnational	National (5m) and subnational			National (6m) and subnational
IPV					National (6m) and subnational
MenA			National (2m) and subnational		
OPV		National (3m) and subnational			
TDIPV_S					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 one antigens, remained unchanged for two, and declined for nine, indicating limited improvement in routine immunization performance; two achieved at least 90% coverage.

Vaccine coverage, Montenegro, 2000-2025

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
BCG	98	98	98	95*	95	97	95	93	91	88*	85	83	93	80	67	76*	86*	80	85	82
DTP1	95	98	98	96	97*	98	98	98	97*	96	97	95	94	94	94	94	93	93	92*	92*
DTP3	90	92	95	92	94*	95	94	94	91*	89	89	87	86	87	84	83	80	81	81*	75*
Hib3	90	89	93	87	90*	90	94	94	91*	89	89	87	86	85	84*	83*	80*	81	81*	75*
HepB3	90	90	93	87	90*	91	90	90	87*	82	75	73*	72	68*	52*	51*	45*	42*	61*	41*
PCVC																				28
IPV1										96	97	95	94	94	94	94	93	93	92*	92*
IPVC																83	80	81	81	75
MCV1	90	90	89	86	90	91	90	88	76	64*	47	58	42*	37	24	18	33	24	23	13
RCV1	90	90	89	86	90	91	90	88	76	64	47	58	42	37	24	18	33	24	23	13
MCV2		95	96	96	97	97	97	97	95	94*	86	83	86*	79	76	79	70	69	68	66
HPVc																		18	5	27



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.

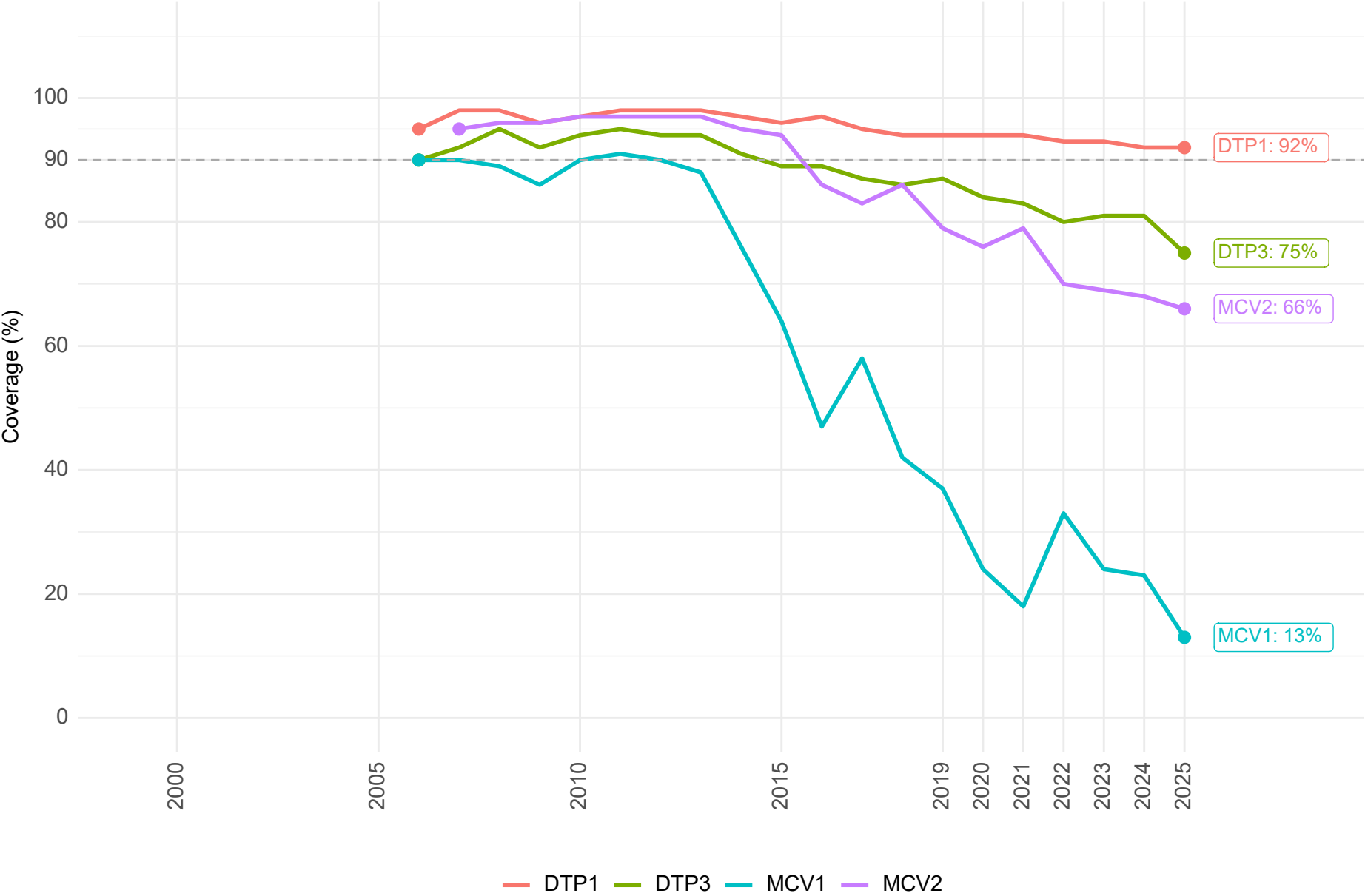
This heatmap shows trends in vaccine coverage since 2006, with green cells indicating coverage of 90% or more.

In 2025, 2 out of 12 (17%) vaccines in the schedule achieved coverage of 90% or more. Vaccine coverage ranged from 13% to 92%.

Since 2007, estimates have been made for 5 new vaccines. PCVC is the newest vaccine reported (2025), which achieved 28% coverage in 2025.

In 2025, Montenegro reported stockouts of vaccines/supplies (DTP-Hib-IPV, HepB, Hib, IPV, and TDIPV_S) (more information on slide 8).

Coverage of key childhood vaccines (%), Montenegro, 2006-2025



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

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 13%.

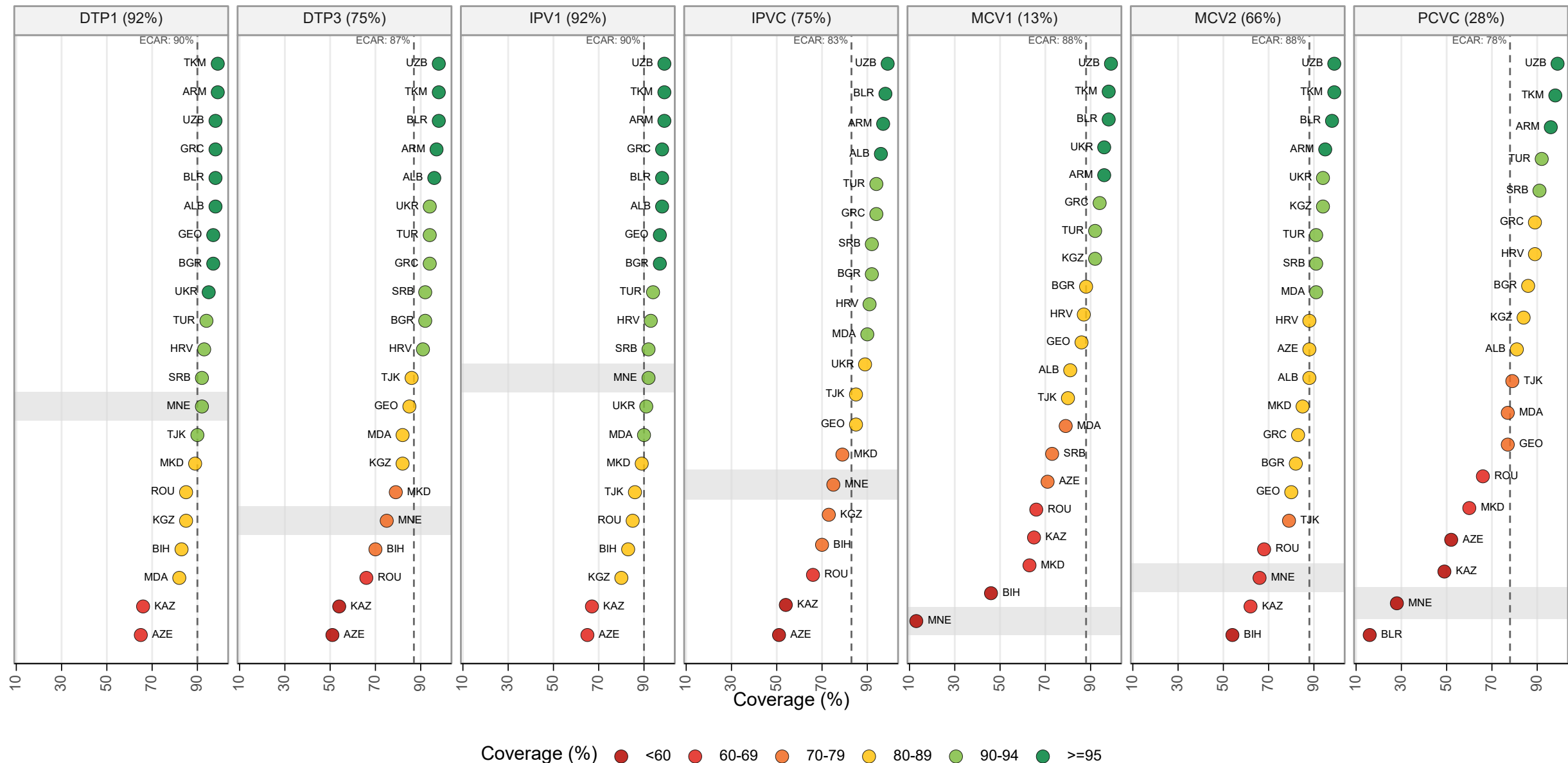
DTP3 coverage - a marker of how well countries are delivering immunization services to children - was below the 90% target set for 2030.

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, 3 declined and 1 remained the same.

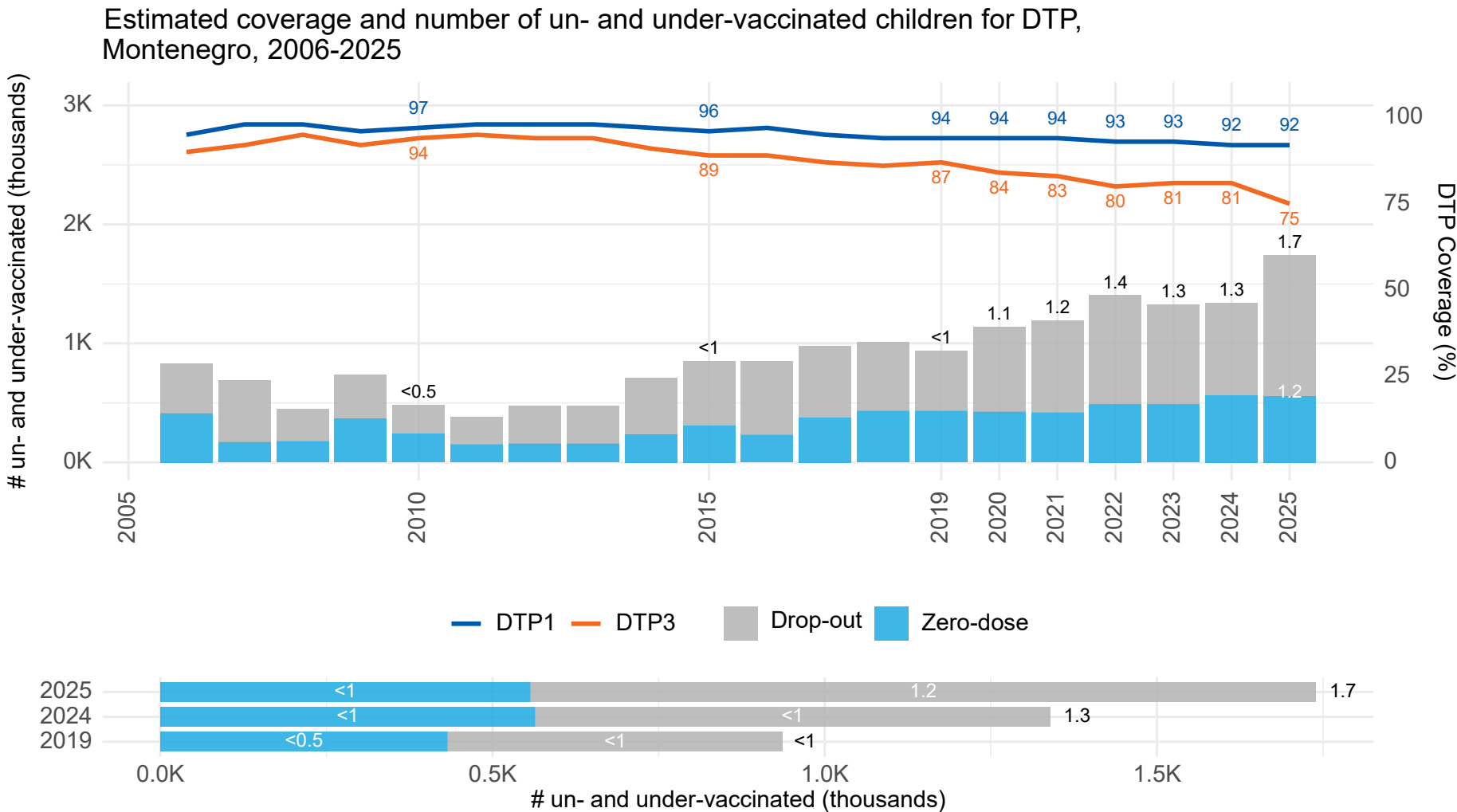
Vaccine coverage compared with other countries in the region, ECAR, 2025



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

DTP1

In 2025, DTP1 coverage was 92% and DTP3 was 75%, leaving 2,000 children un- or under-vaccinated, including <1,000 zero-dose and 1,000 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.

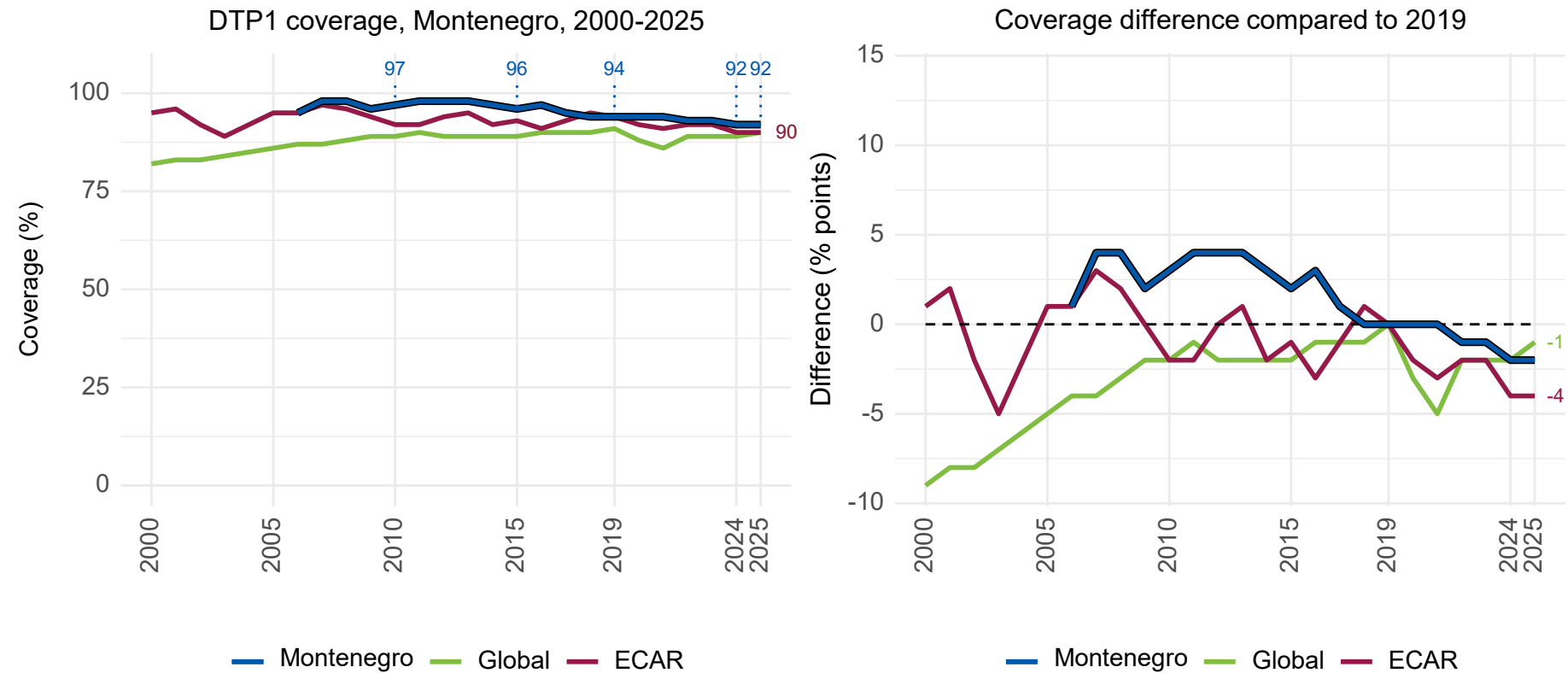
The key goal of the Immunization Agenda 2030 is to make vaccination available to everyone, everywhere, by 2030.

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 Montenegro.

In 2025, DTP1 coverage in Montenegro remained constant 92%. There were <1,000 children who missed out on any DTP vaccination (zero-dose children).

DTP3 coverage declined at at 75% in 2025, leaving 2,000 children vulnerable to vaccine-preventable diseases.

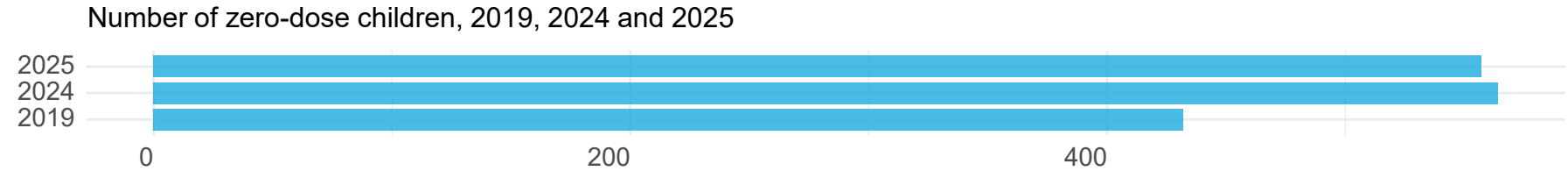
In 2025, Montenegro DTP1 coverage was 92% - this is 2 percentage points lower than in 2019 and higher than both the global and regional averages.



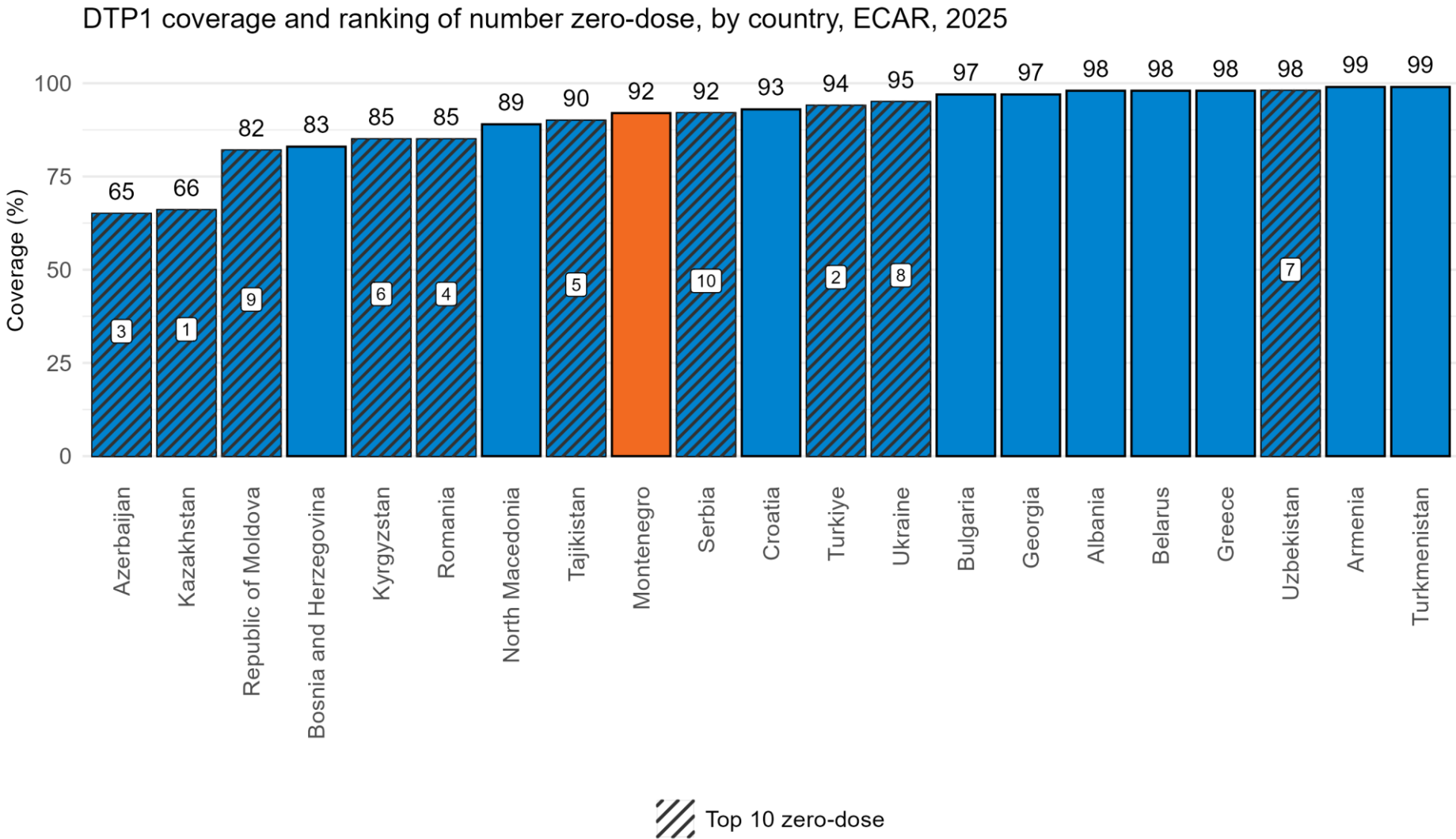
In 2025, DTP1 coverage in Montenegro (92%) was 2 percentage points higher than the global average (90%) and 2 percentage points higher than the average across all ECAR countries (90%).

National DTP1 coverage was 2 percentage points lower than in 2019 (94%).

The number of zero-dose children increased (ie. worsened) compared to in 2019.



In 2025, Montenegro was among the countries with the highest coverage and was not among the top 10 countries with the highest number of zero-dose children in the region.



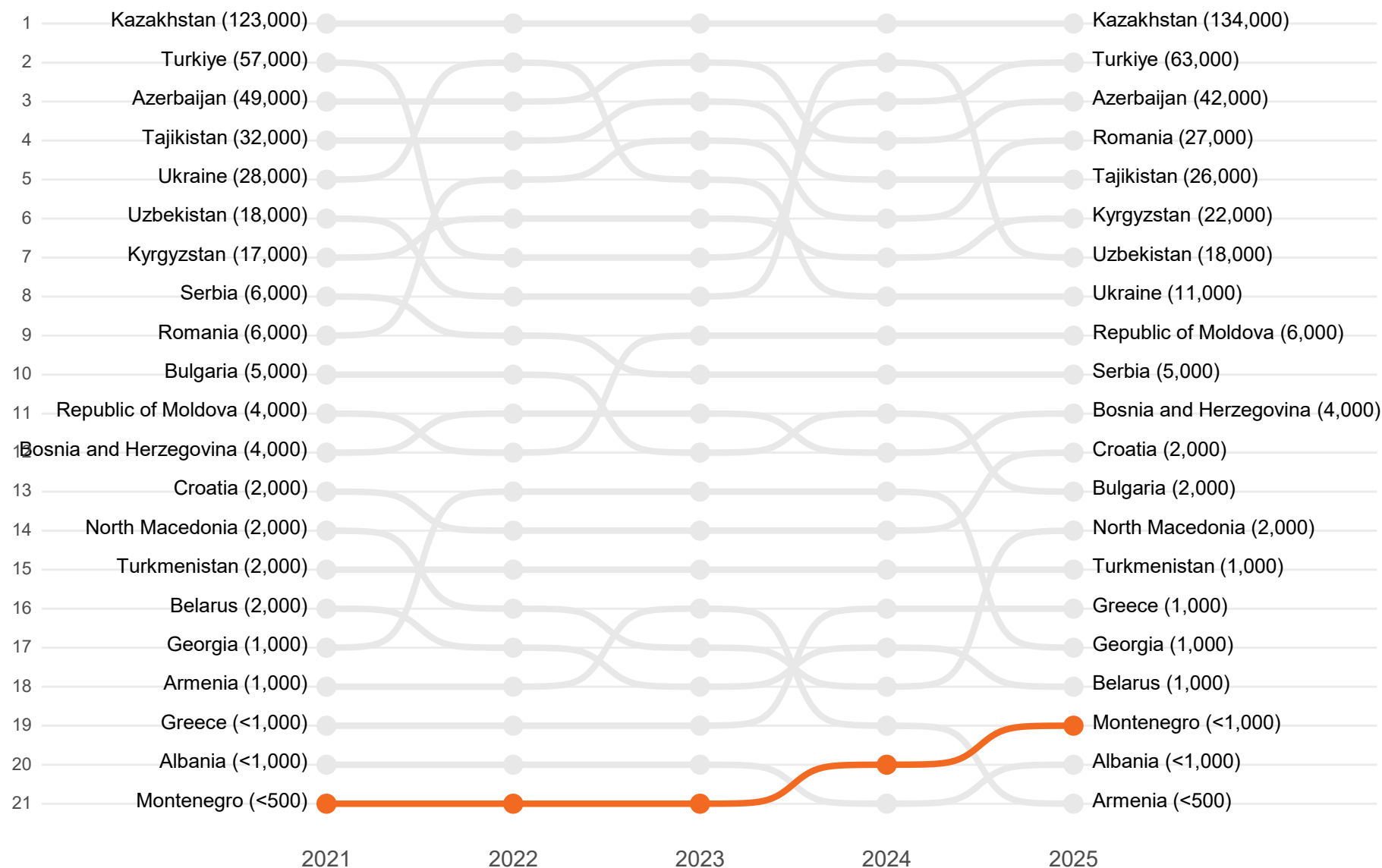
This chart shows DTP1 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most zero-dose children, based on absolute numbers.

In 2025, Montenegro ranked number 9 out of 21 countries for lowest DTP1 coverage (based on tied ranks).

Montenegro was not in the top 10 countries with the most zero-dose children.

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.

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



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

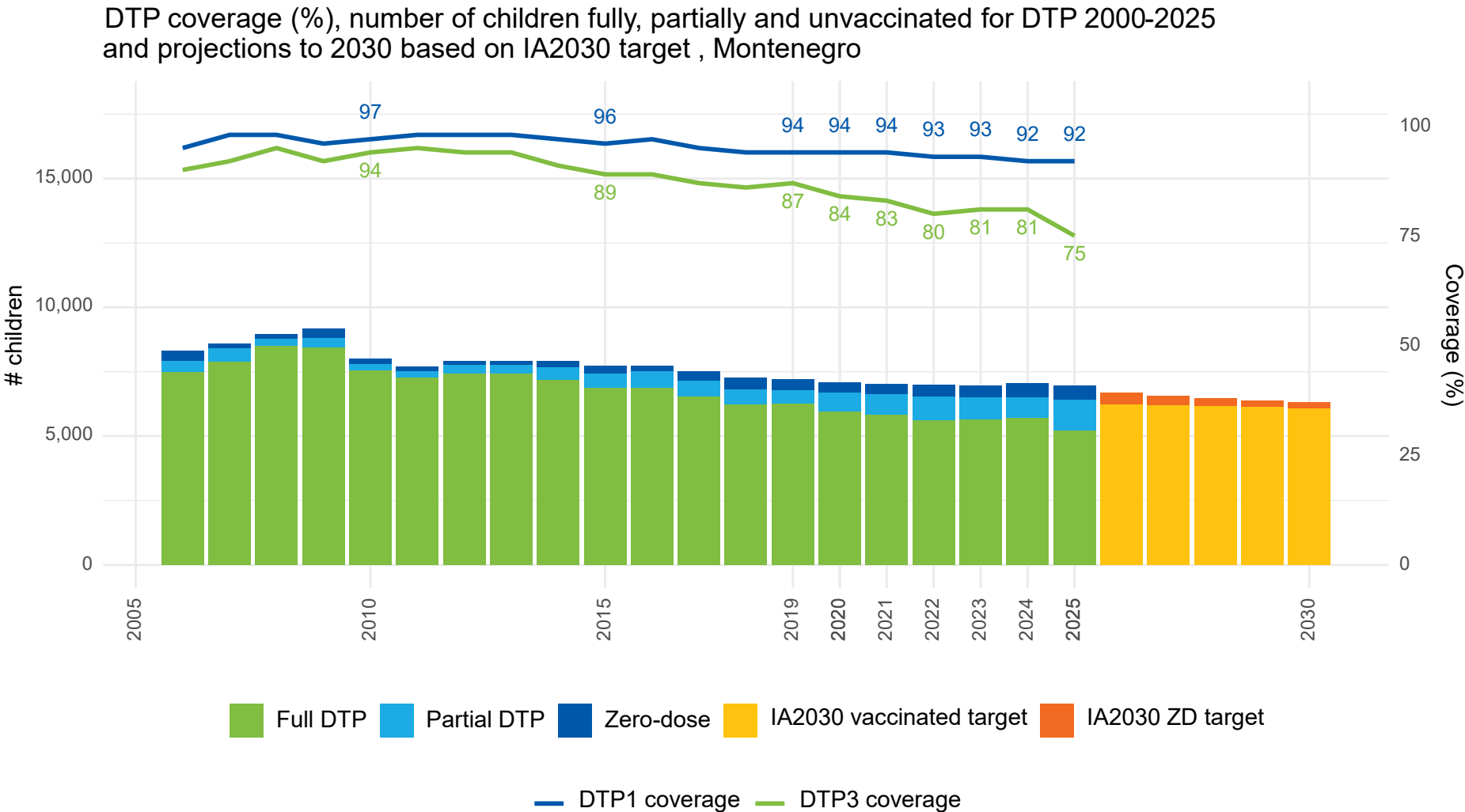
This chart compares the ranking of countries in the region based on the absolute number of zero-dose children, with rank 1 representing the country with the most zero-dose children.

In 2021, Montenegro ranked number 21 out of 21 countries with <500 zero-dose children.

In 2025, Montenegro ranked number 19 out of 21 countries with <1,000 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.

Montenegro is on track to halve zero-dose children by 2030, but sustaining progress will require continued strengthening of immunization systems.



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.

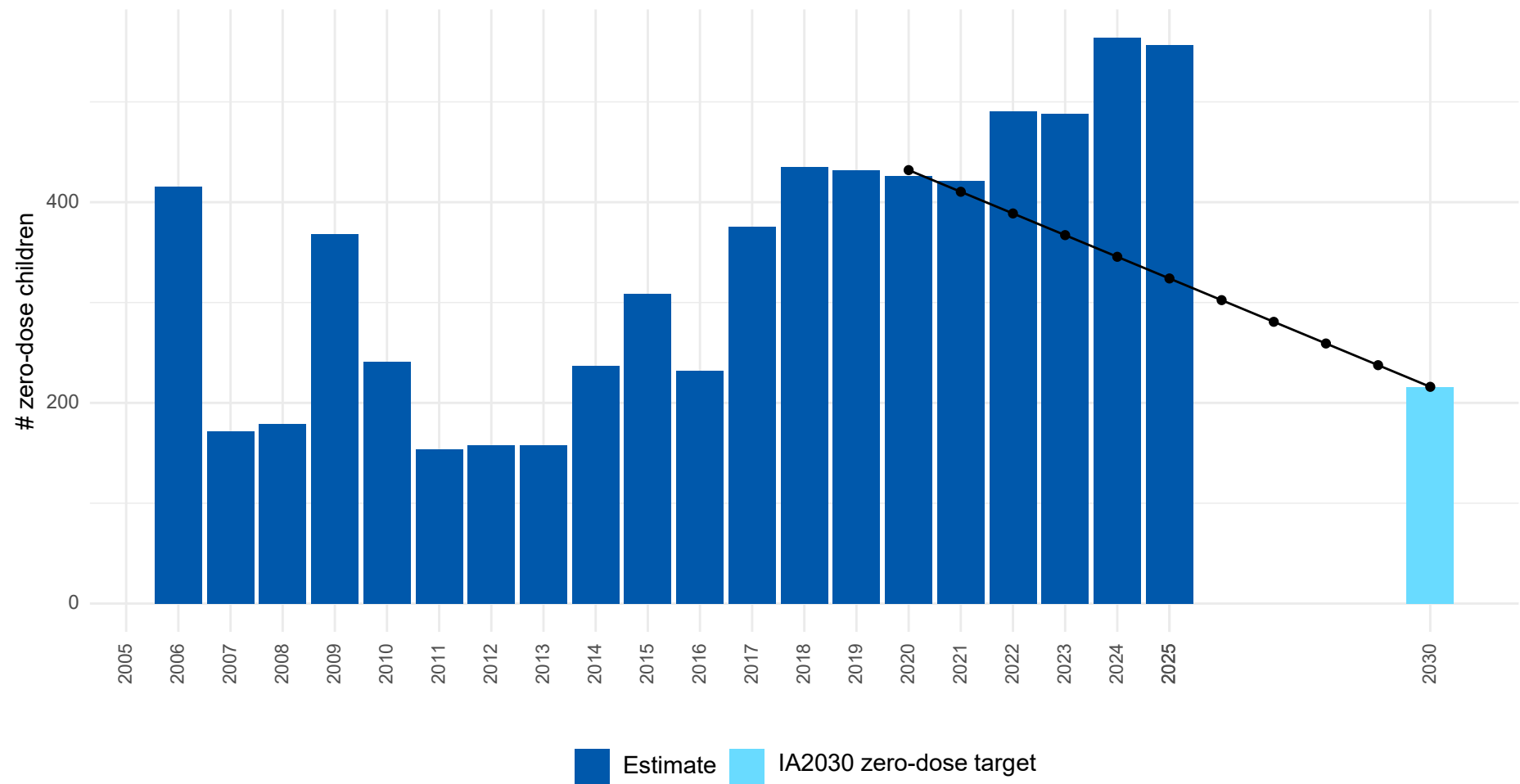
IA2030 calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. This chart shows the annual number of children required to be vaccinated to reach the ZD target.

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.

Montenegro is projected to have a decline in the number of surviving infants by 2030. To achieve the IA2030 ZD target, current efforts would be sufficient, however, countries must strengthen beyond the targets.

In 2025, the number of zero-dose children was 72% above the annual IA2030 goal, putting the 2030 goal at serious risk without accelerated action.

Estimated number of zero-dose children, 2006-2025 and target by 2030, Montenegro



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

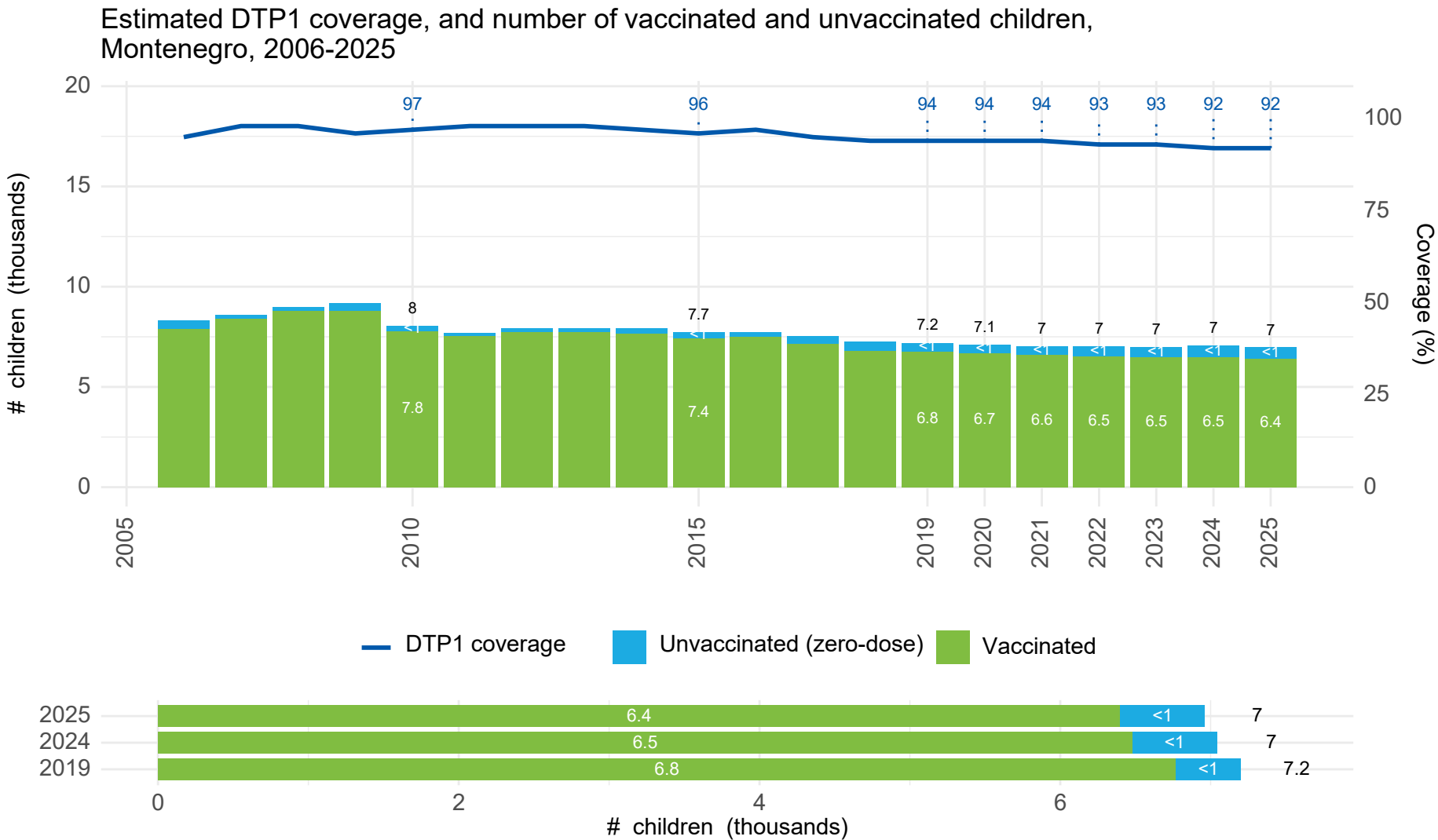
Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. Dark blue bars are the estimated number of zero-dose children in 2006-2025, light blue bar is the target number of zero-dose children by 2030. The line and points show 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 72% 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 needs to either increase or decline at a slower rate than the decline in surviving infant target population.



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

DTP1 coverage in 2025 (92%) was lower than in 2019 (94%).

The number of children vaccinated with DTP1 decreased 6% compared to in 2019.

The number of surviving infants decreased approximately 3% compared to in 2019.

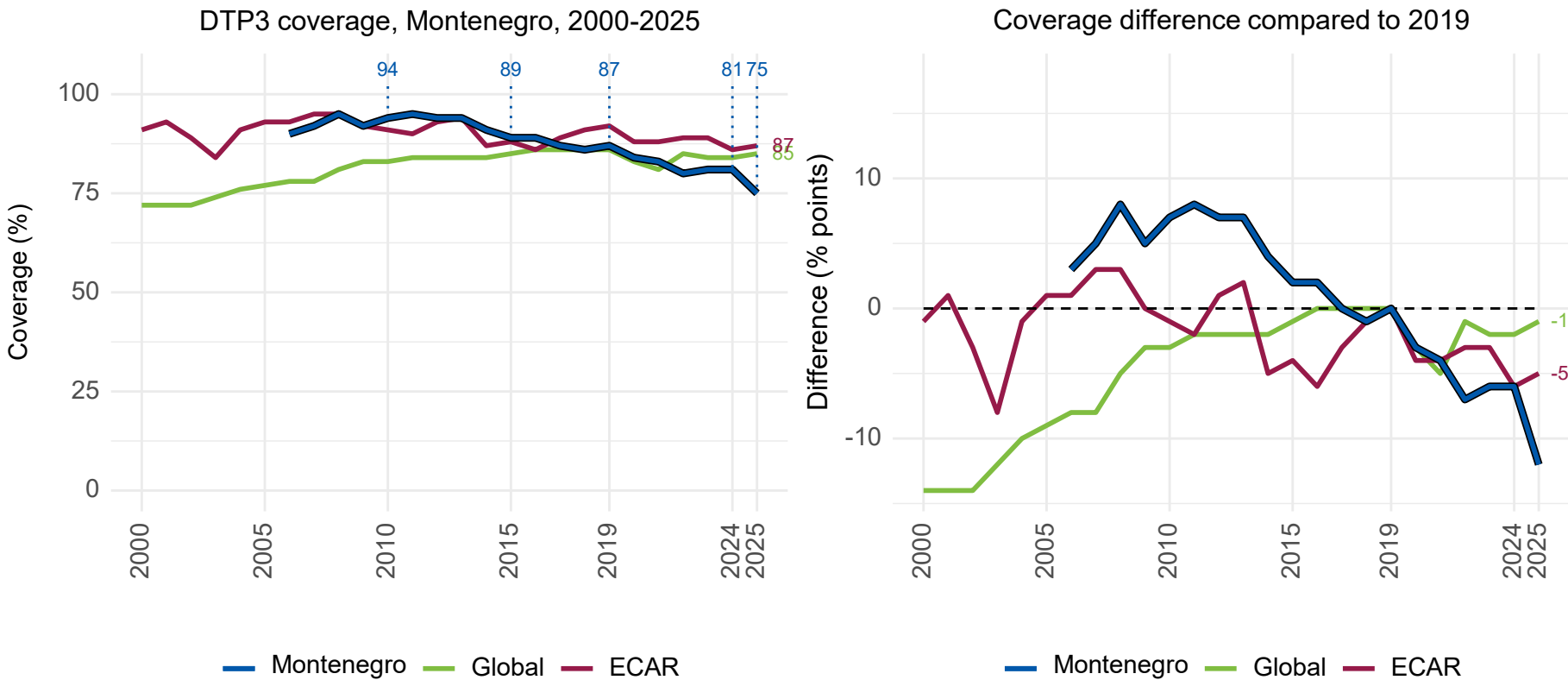
In 2025, fewer children were vaccinated than in 2019.

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

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

DTP3

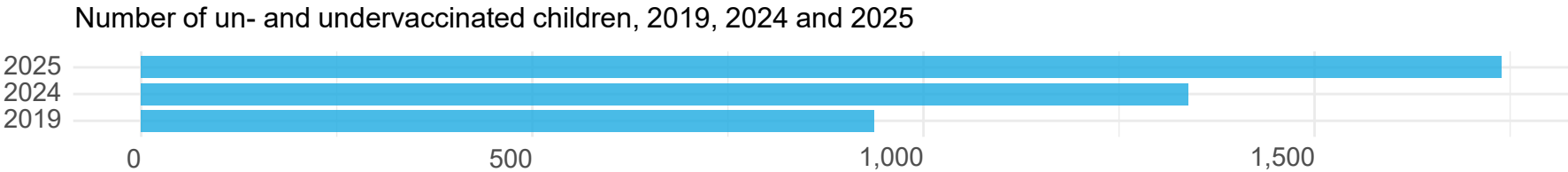
In 2025, Montenegro DTP3 coverage was 75% - this is 12 percentage points lower than in 2019 and lower than both the global and regional averages.



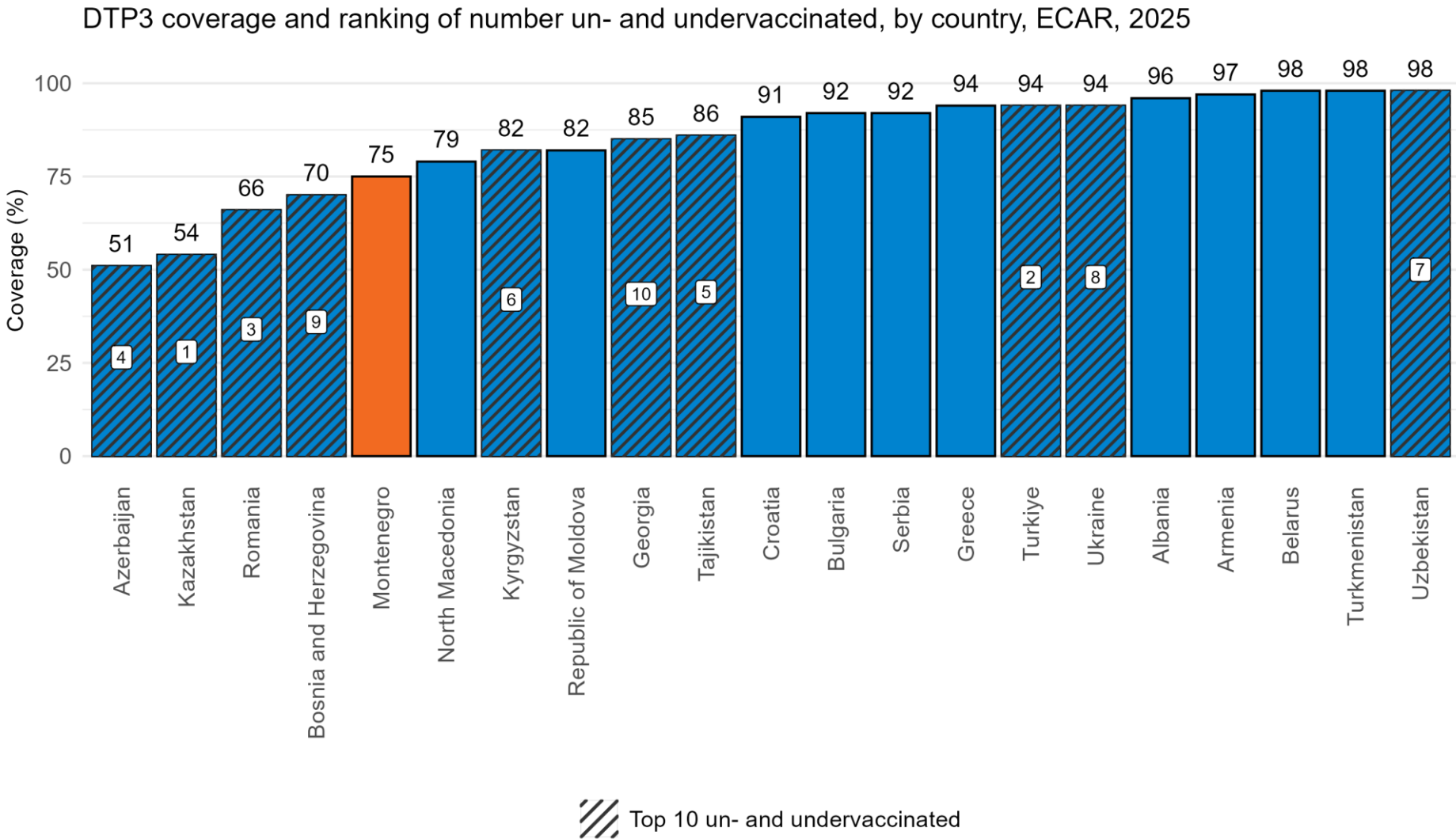
In 2025, DTP3 coverage in Montenegro (75%) was 10 percentage points lower than the global average (85%) and 12 percentage points lower than the average across all ECAR countries (87%).

National DTP3 coverage was 12 percentage points lower than in 2019 (87%).

This equates to 2,000 un- and undervaccinated children in 2025 compared to <1,000 un- and undervaccinated children in 2019.



In 2025, Montenegro was among the countries with the highest coverage and was not among the top 10 countries with the highest number of un- and undervaccinated children in the region.



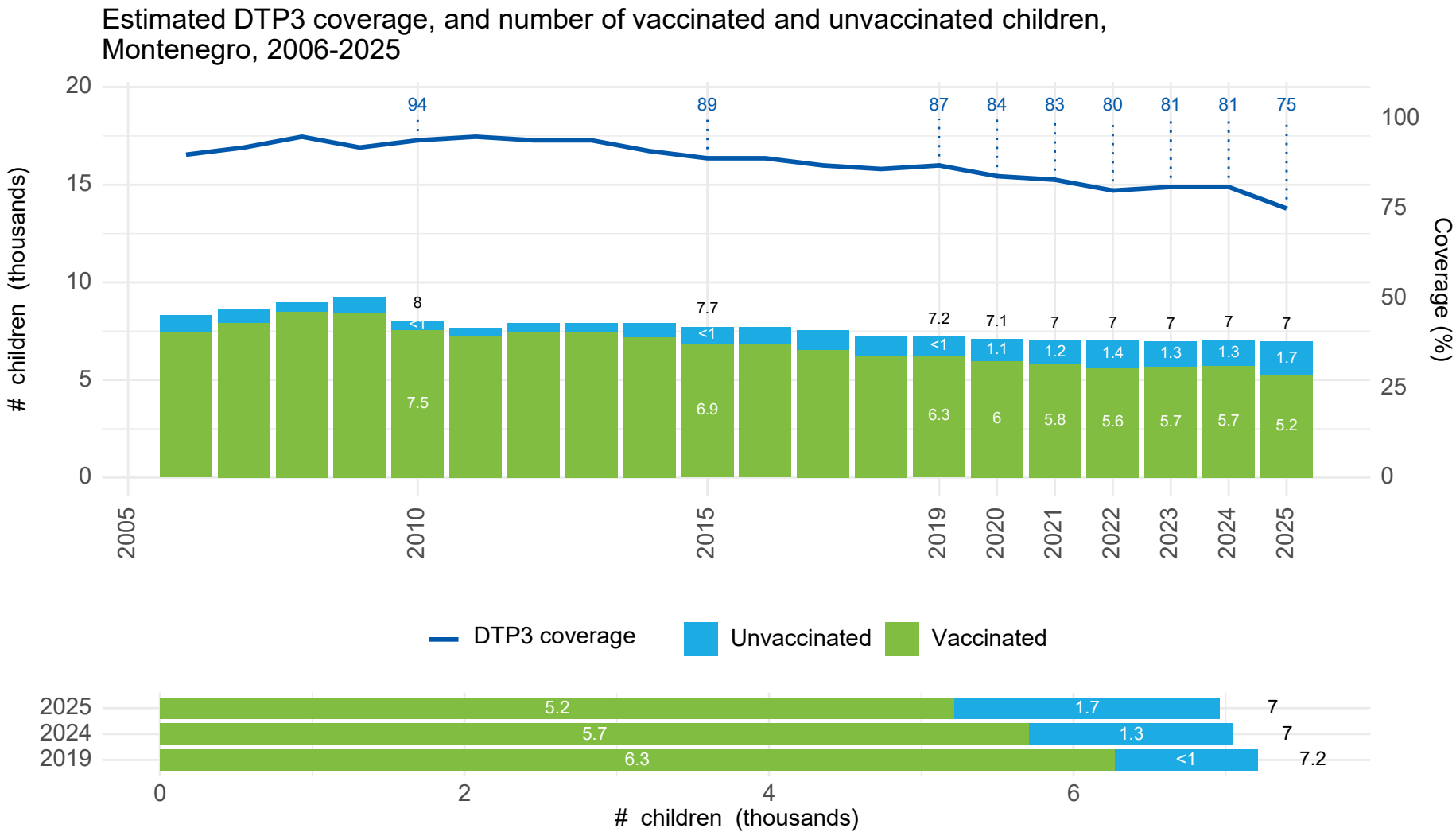
This chart shows DTP3 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most un- and undervaccinated children, based on absolute numbers.

In 2025, Montenegro ranked number 5 out of 21 countries for lowest DTP3 coverage (based on tied ranks).

Montenegro was not in the top 10 countries with the most un- and undervaccinated children.

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 needs to either increase or decline at a slower rate than the decline in surviving infant target population.



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

DTP3 coverage in 2025 (75%) was lower than in 2019 (87%).

The number of children vaccinated with DTP3 decreased 17% compared to in 2019.

The number of surviving infants decreased approximately 3% compared to in 2019.

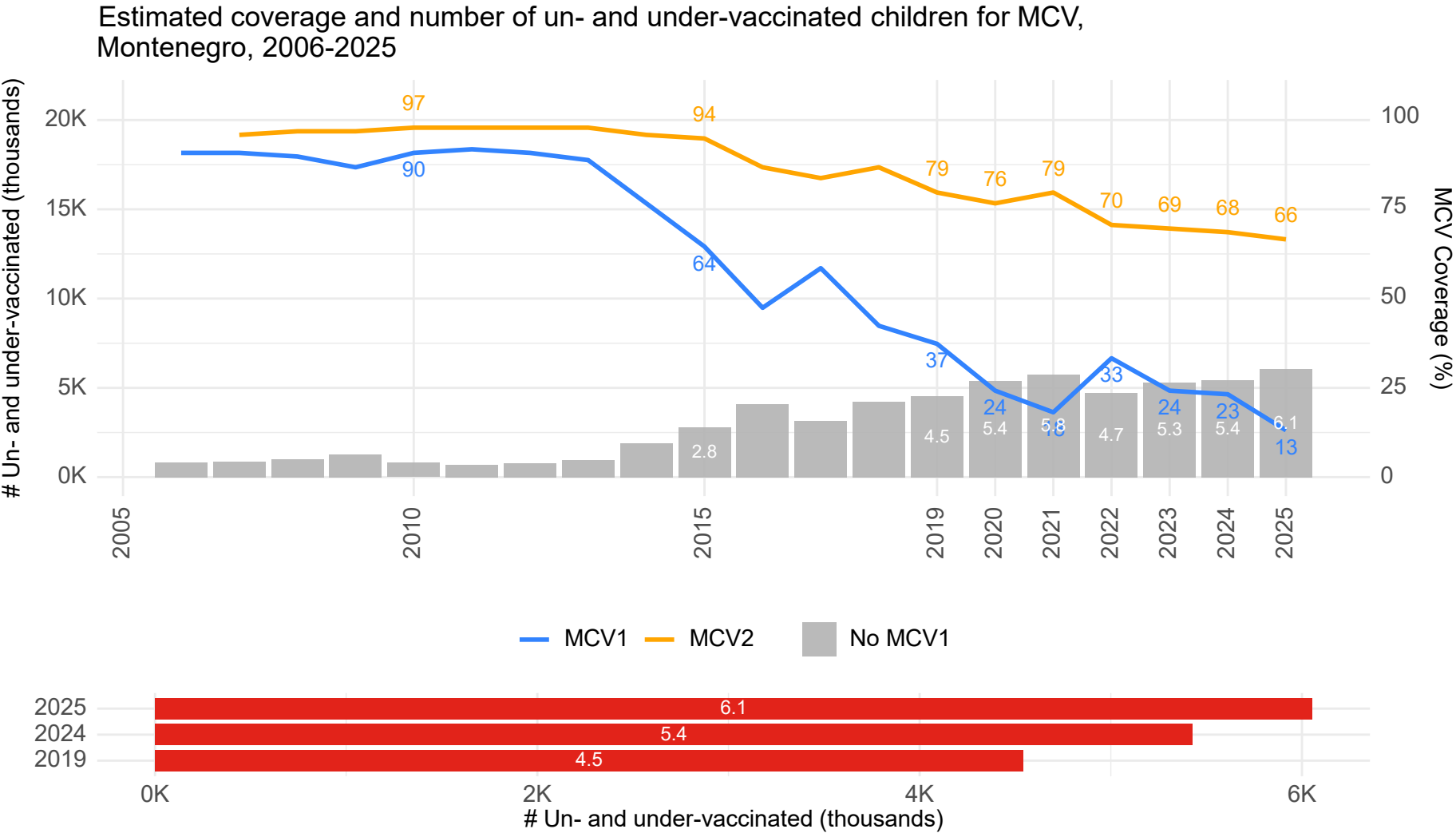
In 2025, fewer children were vaccinated than in 2019.

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

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

MCV1

MCV1 coverage declined at from 23% in 2024 to 13% in 2025 - below the 95% level needed to prevent outbreaks and, leaving 6,000 children without any protection against measles. MCV2 coverage declined at from 68% in 2024 to 66% 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.

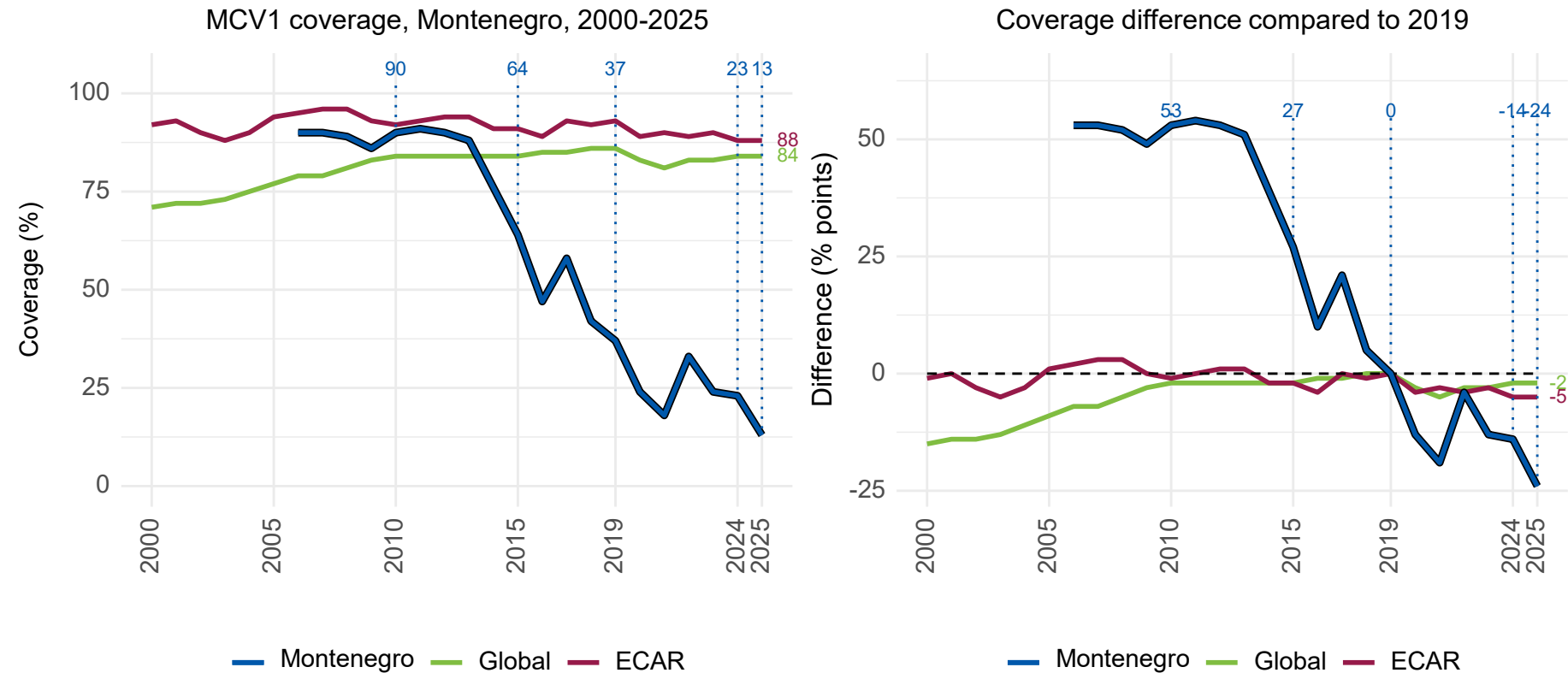
Measles, because of its high transmissibility, acts as a 'canary in the coalmine', quickly exposing any immunity gaps in the population. The coverage of measles containing vaccine (MCV) is thus often used as a tracer for protection.

The percentage of children receiving MCV1 – typically at 9 or 12 months depending on the national vaccination schedule – declined at 13%. This is lower than in 2019, where coverage was 37%.

6,000 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 66% in 2025.

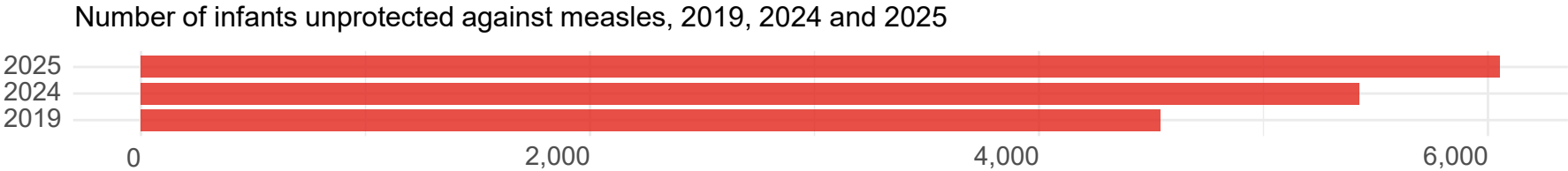
In 2025, Montenegro MCV1 coverage was 13% - this is 24 percentage points lower than in 2019 and more than 10 percentage points lower than both the global and regional averages.



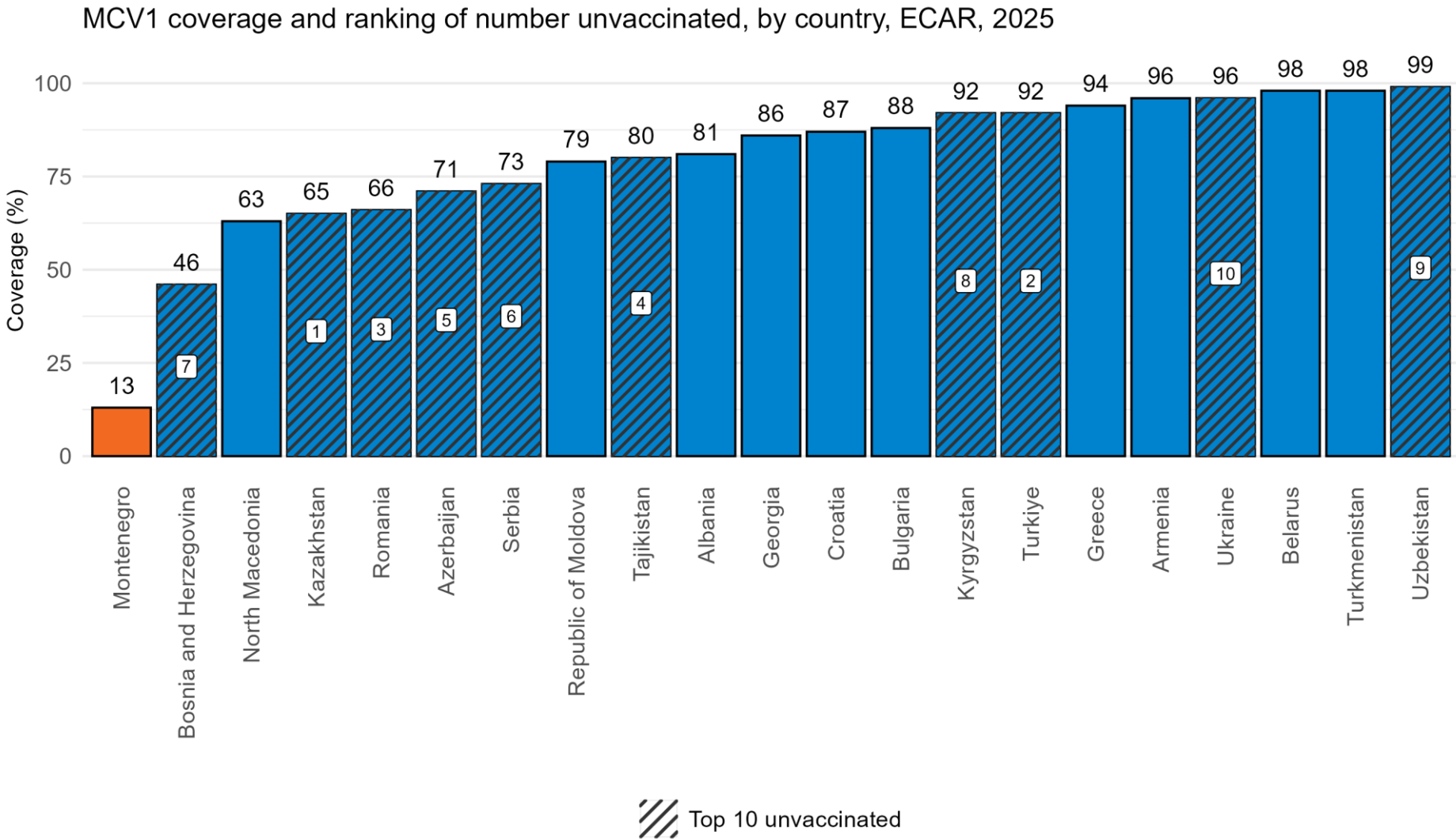
In 2025, MCV1 coverage in Montenegro (13%) was 71 percentage points lower than the global average (84%) and 75 percentage points lower than the average across all ECAR countries (88%).

National MCV1 coverage was 24 percentage points lower than in 2019 (37%).

This equates to 6,000 unvaccinated children in 2025 compared to 5,000 unvaccinated children in 2019.



In 2025, Montenegro had the lowest coverage, but was not among the top 10 countries with the highest number of unvaccinated children in the region.



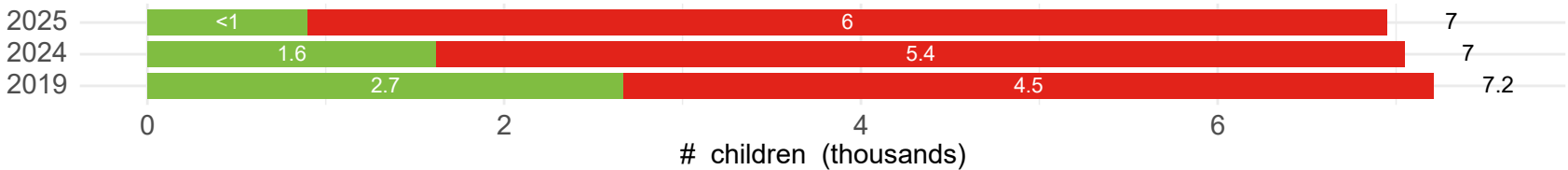
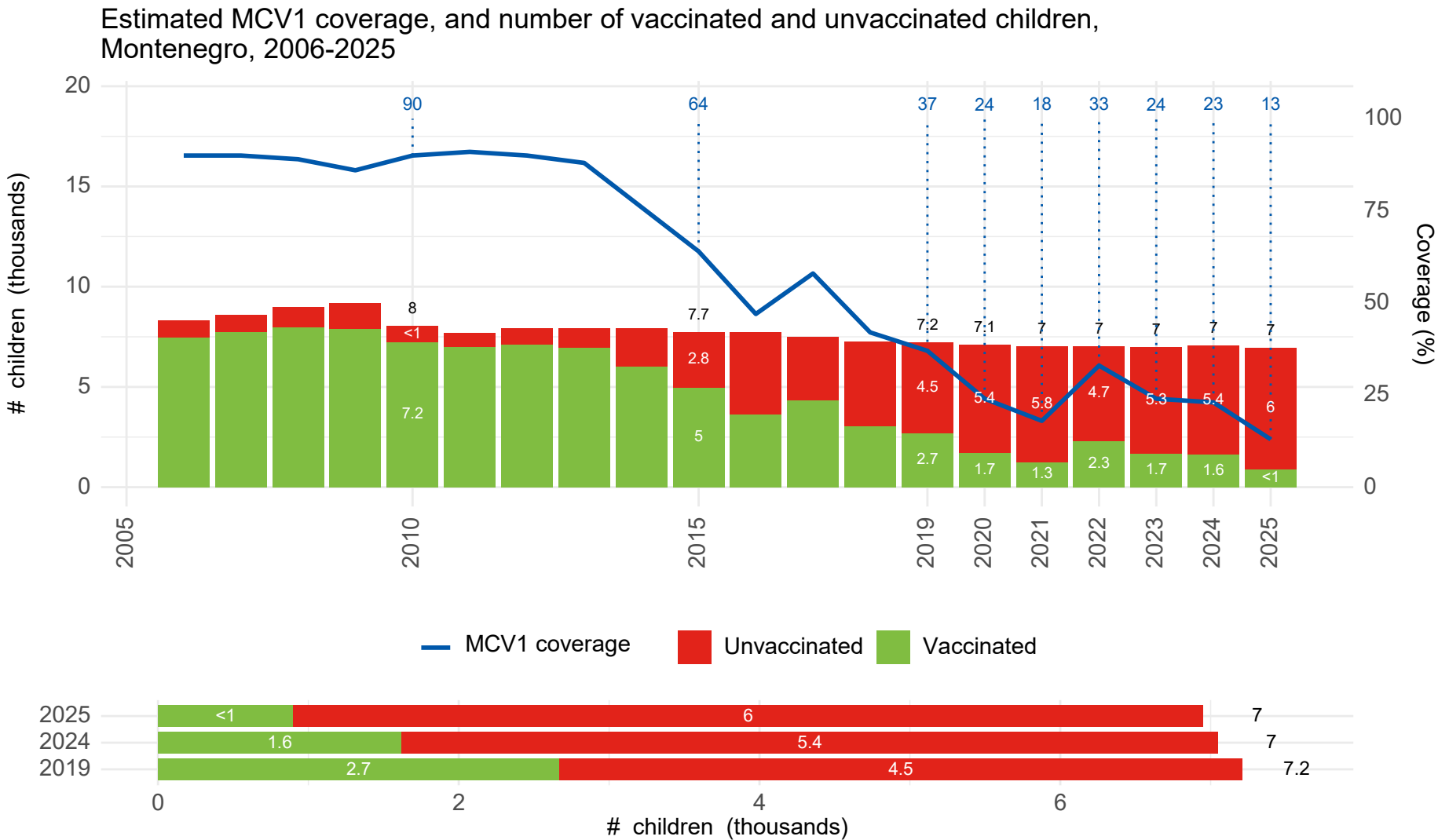
This chart shows MCV1 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most unvaccinated children, based on absolute numbers.

In 2025, Montenegro ranked number 1 out of 21 countries for lowest MCV1 coverage (based on tied ranks).

Montenegro was not in the top 10 countries with the most unvaccinated children.

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.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.



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

MCV1 coverage in 2025 (13%) was lower than in 2019 (37%).

The number of children vaccinated with MCV1 decreased 66% compared to in 2019.

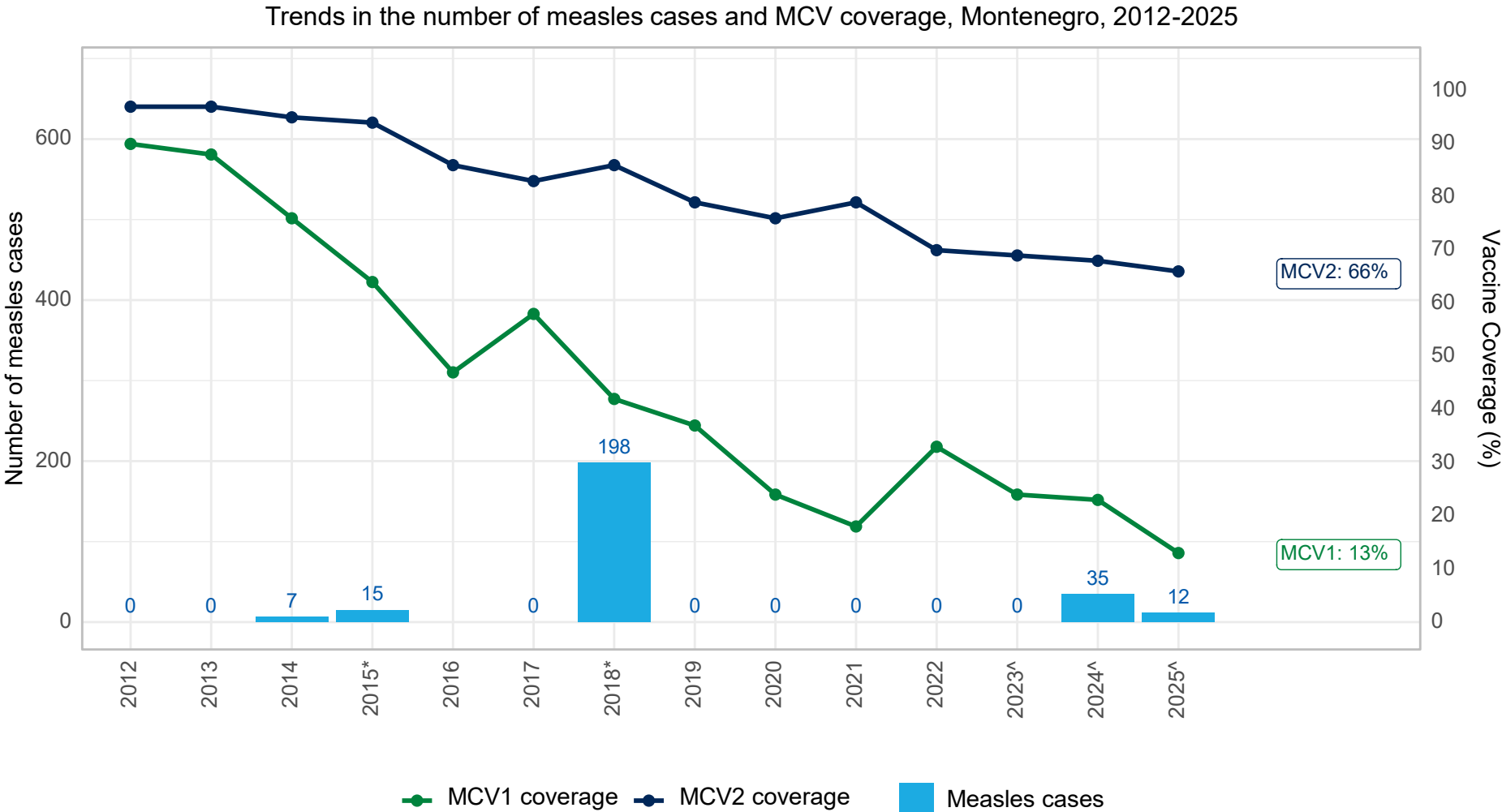
The number of surviving infants decreased approximately 3% compared to in 2019.

In 2025, fewer children were vaccinated than in 2019.

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

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

In 2025, Montenegro saw a decrease in measles cases compared with 2024, while MCV1 coverage was 13% and MCV2 coverage was 66%.



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 12 confirmed measles cases in Montenegro. In the same year, MCV1 coverage was 13% and MCV2 coverage was 66%.

The number of cases in 2025 was 66% lower than in 2024 (n=35).

The highest number of measles cases was reported in 2018 (n=198). In this year, MCV1 coverage was 42%.

Montenegro reported measles vaccine stockouts in 2015 and 2018.

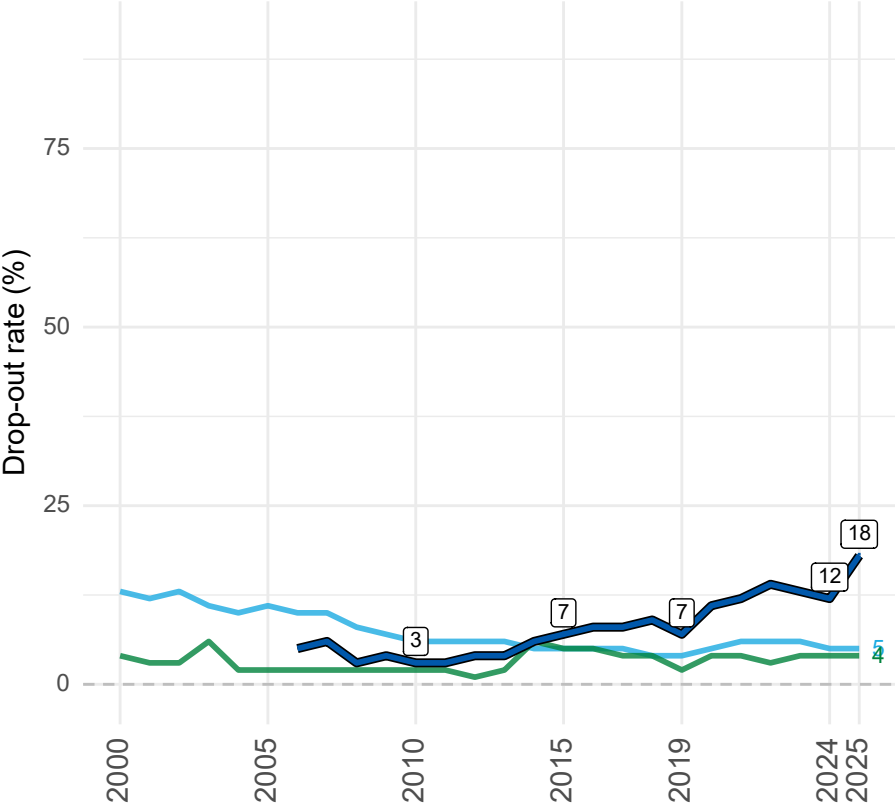
There were measles-containing vaccine supplementary immunization activities/campaigns in 2023, 2024, and 2025.

Childhood immunization: Additional charts

In 2025, DTP1 and DTP3/MCV1 drop-out was high in Montenegro, indicating poor retention of children in immunization programmes, and the need for stronger follow-up of those initially reached.

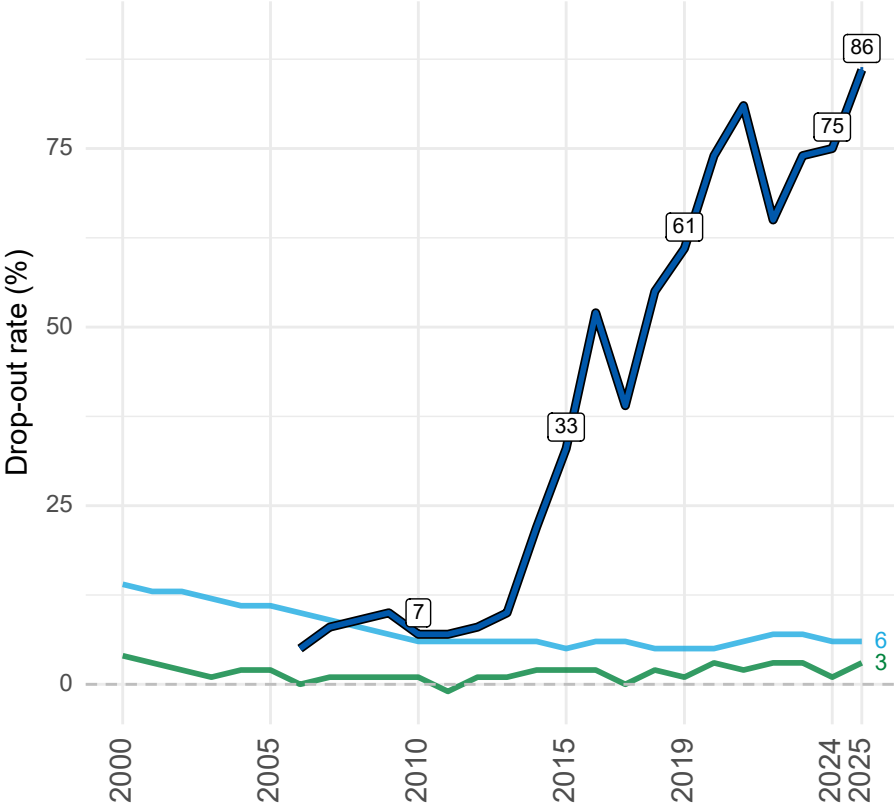
Zero-dose children are those who did not receive DTP1.

DTP1 and DTP3



Montenegro Global ECAR

DTP1 and MCV1



Montenegro Global ECAR

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.

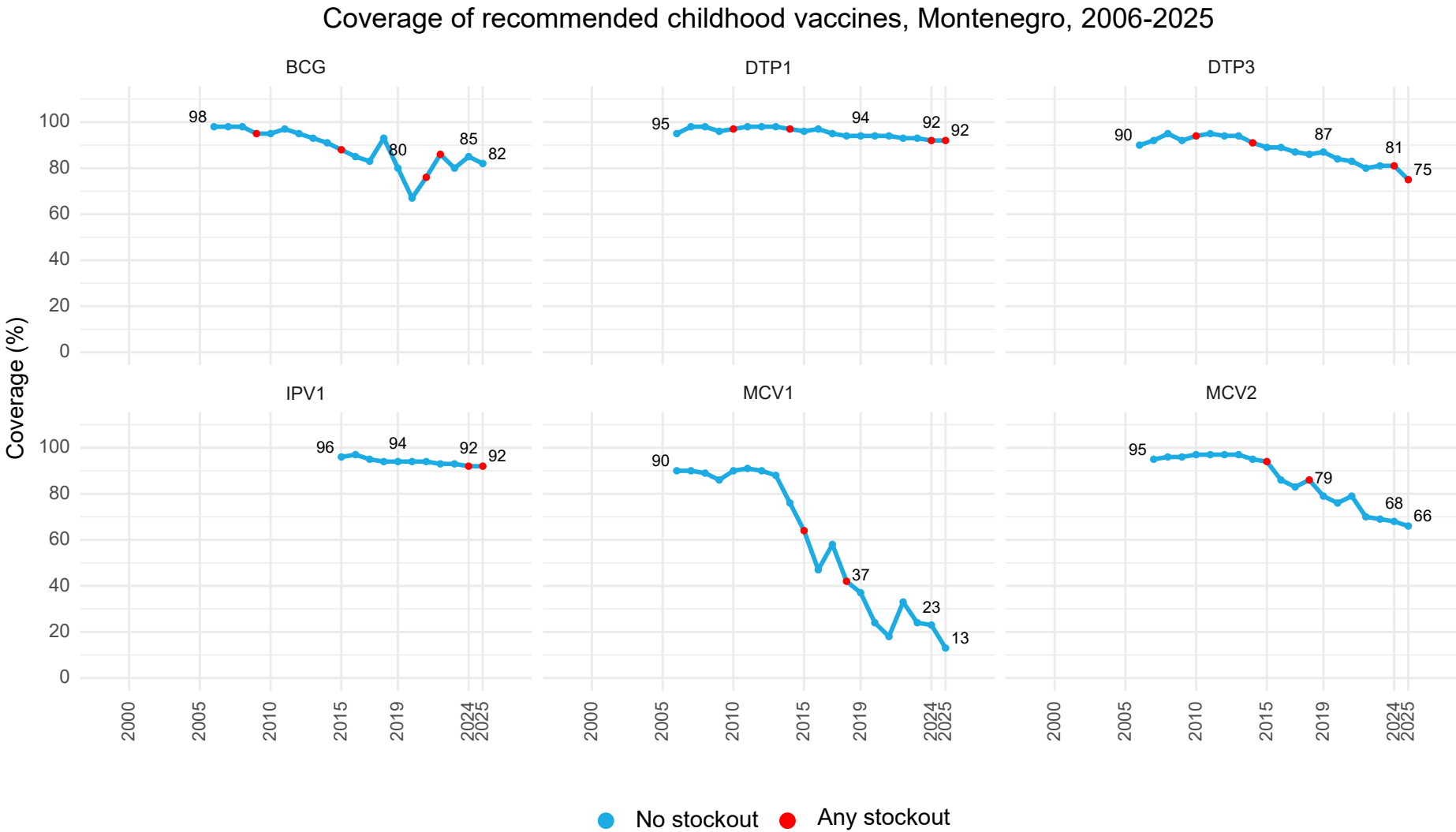
This chart shows trends in drop-out rates between DTP1 and DTP3, and DTP1 and MCV1.

In 2025, 18% of children who received DTP1 did not receive DTP3 (left), and 86% of children who received DTP1 did not receive MCV1 (right).

The high DTP drop-out rate implies poor 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, Montenegro DTP drop-out was higher than the global rate, while DTP-MCV drop-out was higher than the global rate.

In 2025, Montenegro had its lowest coverage in MCV1 (13%), while most other routine vaccines clustered around 66-92%; 5 antigens decreased since 2019, and 4 antigens decreased since 2024.



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

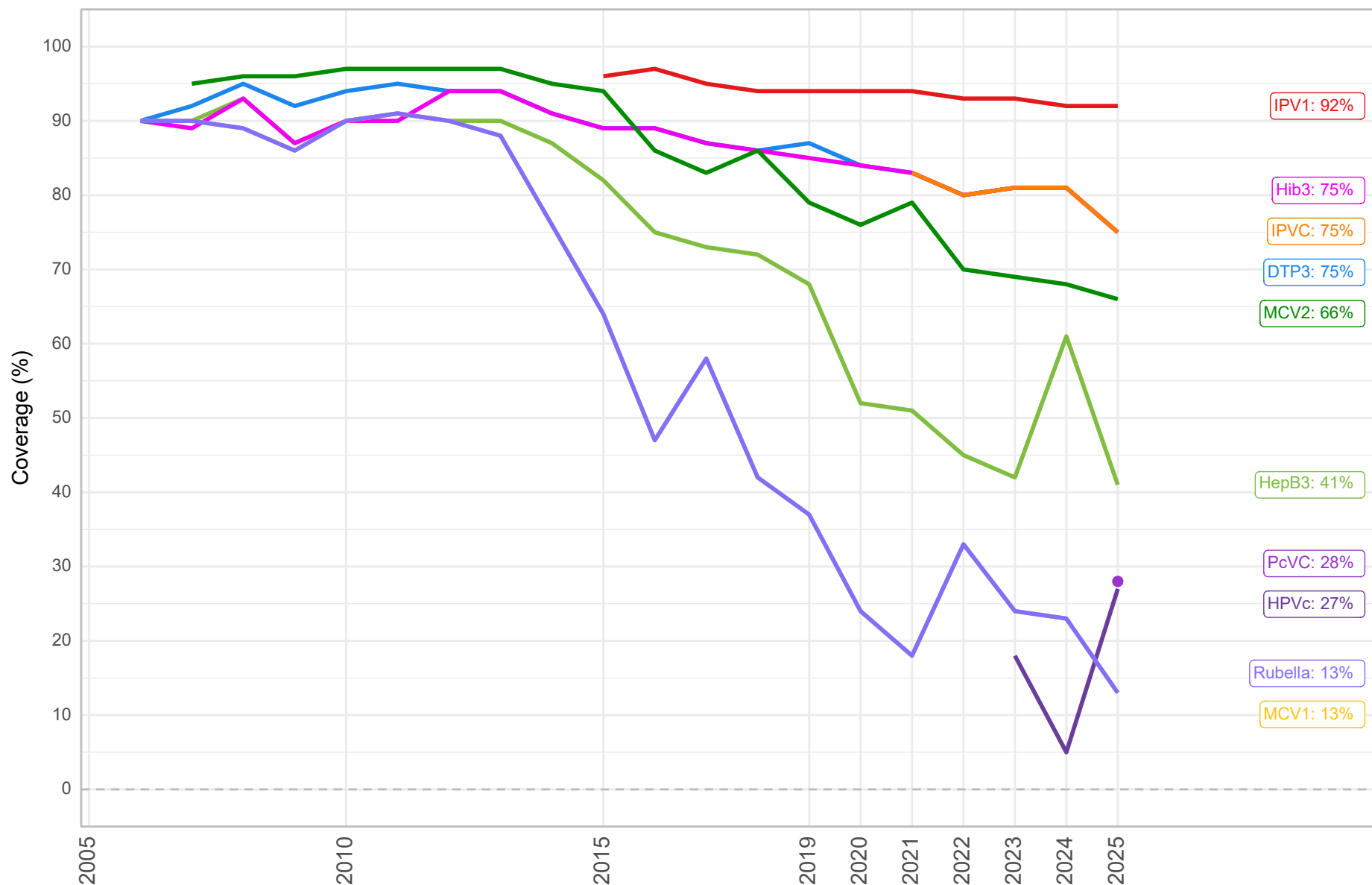
In 2025, MCV1 had the lowest coverage (13%), followed by MCV2 (66%).

Compared to 2019, coverage of one vaccine increased (BCG) and 5 vaccines decreased (DTP1, DTP3, IPV1, MCV1 and MCV2).

Compared to 2024, coverage of 4 vaccines decreased (BCG, DTP3, MCV1 and MCV2) and 2 vaccines remained constant (DTP1 and IPV1).

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Data labels are shown for 2000 (or first year of reporting), 2019 and 2025

Vaccine coverage (%), Montenegro, 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.

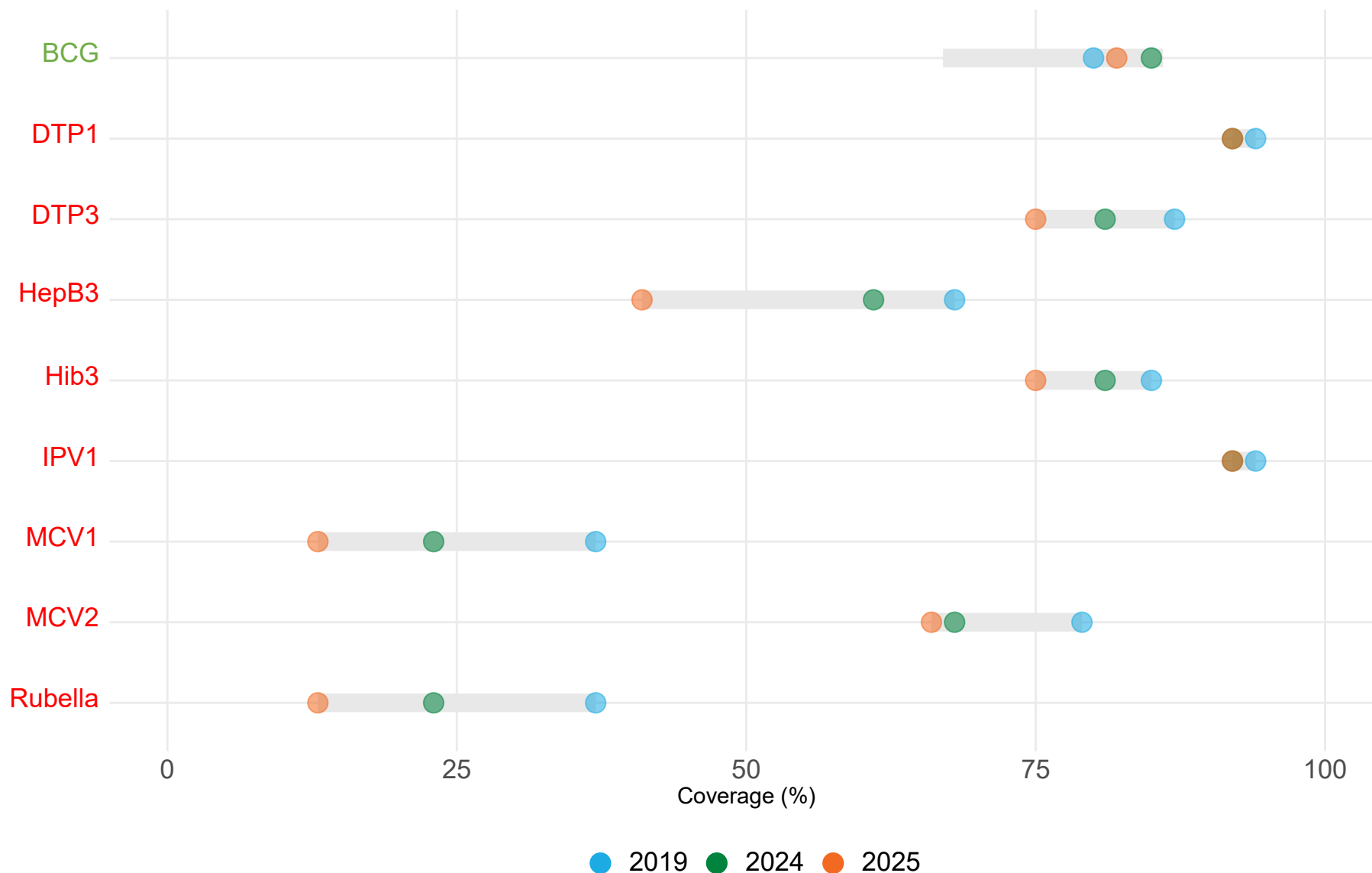
This chart shows trends in coverage of 9 vaccines (complete series).

In 2025, MCV1 and Rubella had the lowest coverage of all vaccines (13%), followed by HPVc (27%).

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

Coverage of 7 vaccines decreased (DTP3, HEPB3, HIB3, IPVC, MCV1, MCV2 and RUBELLA), 1 vaccine increased (HPVC), and 1 vaccine was the same (IPV1) compared to respective coverage in 2024.

Vaccine coverage (%), Montenegro, 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 (94%) and 2024 (92%). DTP1 coverage remained the same in 2025 (92%) compared to 2024, and was lower than in 2019. In 2019-2025, DTP1 coverage was at it's lowest level in 2024 and 2025 (92%).

In 2024, 8 vaccines had lower coverage than in 2019.

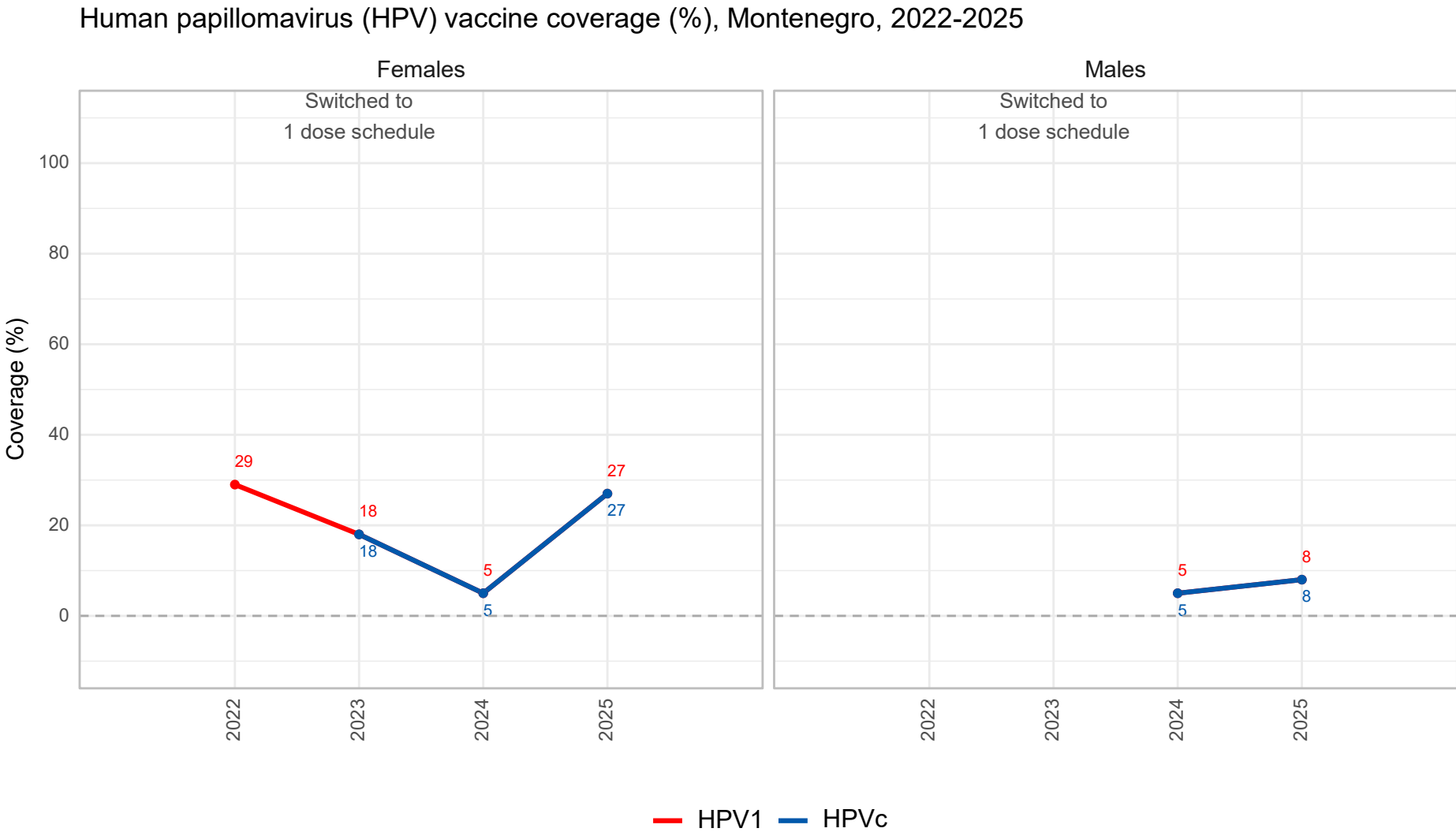
In 2025, 8 vaccines had lower coverage than in 2019.

In 2025, 7 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 27% and coverage among boys increased to 8%, following switch to single dose in 2023.



The first year of HPV programme coverage estimates in Montenegro was 2022.

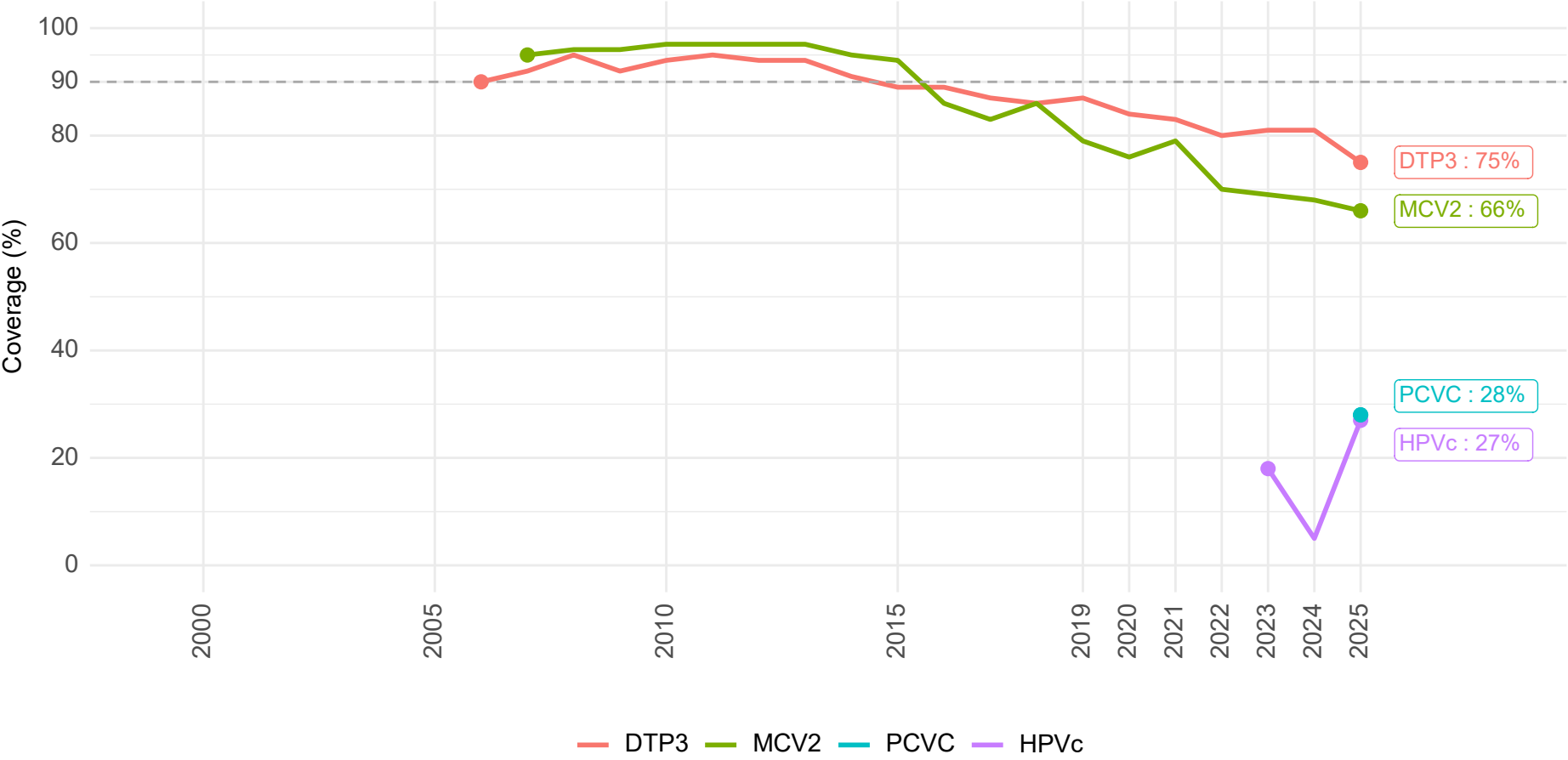
In 2025, first dose (HPV1) programme coverage among girls was 27%. In 2025, last dose (HPVc) programme coverage among girls was 27%.

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, Montenegro, 2006-2025



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.

Montenegro has all 4 of the SDG vaccines.

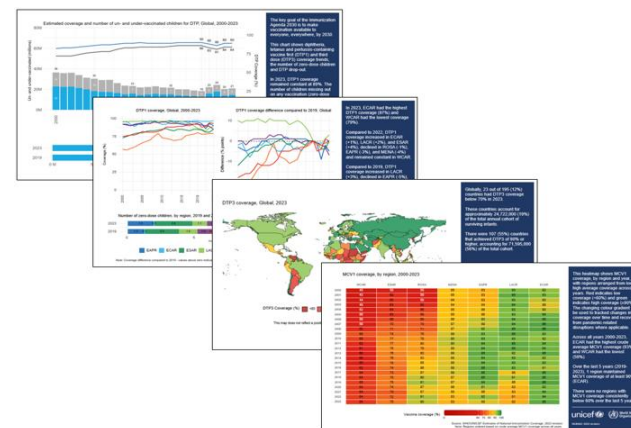
In 2025, Montenegro had achieved at least 90% coverage of none out of the 4 vaccines.

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

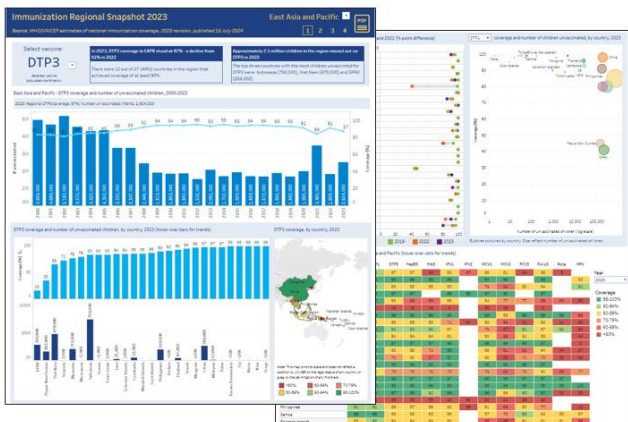
UNICEF, WHO, World Bank, Gavi and
African Union regions



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 cluster and vaccine rates of the 14 included vaccinees advanced at average (range) 10% to 16% in higher wealth LACR Region 2023
- Coverage of the first dose of 14 included vaccinees (combined coverage 100%) was 20.6% in 2021 and 46.2% in 2023. 2023 was the first time all 14 included vaccinees achieved 100% coverage. The average (range) 10% to 16% in higher wealth LACR Region 2023
- At the country level, 22 of 31 of 100% vaccinees achieved coverage 100% or higher at least one of the 14 included vaccinees (average in the region)
- These were 10 countries that did not receive 1 of 14 included vaccinees (no vaccine) (e.g. Jamaica, Belize, Bolivia, Ecuador, Honduras, Haiti, Mexico, Peru, Suriname, and Venezuela)
- In 2023, the number of vaccinees (range) 12 to 1 million was approximately 210, higher than the average goal to achieve the international target 200 (range) of 100 to 200 vaccinees to achieve 100% in the region (100%)

vaccine coverage 100% by year, LACR, 2020-2023

Latin America and the Caribbean Region

- The LACR region includes 15 countries (Bolivia and Barbados, Brazil, Chile, Ecuador, Haiti, Honduras, Costa Rica, Cuba, Guyana, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Suriname and Venezuela)
- Note: Suriname and Barbados are not included in the LACR region
- Note: Suriname and Barbados are not included in the LACR region

WUENIC Talking Points: Ethiopia

Revision Year: 2023

Contents

Overview	2
DTPI: Reaching one billion vaccinees	4
DTPI: A number of vaccinees (range) 12 to 1 million was approximately 210, higher than the average goal to achieve the international target 200 (range) of 100 to 200 vaccinees to achieve 100% in the region (100%)	4
DTPI: Coverage in the top five	4
DTPI: Coverage in the top five	4
Regional Comparison	7
Additional Vaccines	10

Ethiopia in the African region

DTPI: Reaching one billion vaccinees

- In 2023, DTPI coverage in Ethiopia was 67%, compared to 70% in 2020
- In 2023, the number of vaccinees (range) 12 to 1 million was approximately 210, higher than the average goal to achieve the international target 200 (range) of 100 to 200 vaccinees to achieve 100% in the region (100%)
- There were 34,000 more vaccinees (range) 12 to 1 million in 2023 compared to 2020, higher than the average goal to achieve the international target 200 (range) of 100 to 200 vaccinees to achieve 100% in the region (100%)
- At the country level, 22 of 31 of 100% vaccinees achieved coverage 100% or higher at least one of the 14 included vaccinees (average in the region)
- These were 10 countries that did not receive 1 of 14 included vaccinees (no vaccine) (e.g. Jamaica, Belize, Bolivia, Ecuador, Honduras, Haiti, Mexico, Peru, Suriname, and Venezuela)
- In 2023, the number of vaccinees (range) 12 to 1 million was approximately 210, higher than the average goal to achieve the international target 200 (range) of 100 to 200 vaccinees to achieve 100% in the region (100%)

DTPI: Reaching one billion vaccinees

1

2

Interactive
WUENIC
country profiles
can be found at:

<https://worldhealthorg.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>

