

WUENIC Talking Points: Italy

Revision Year: 2025

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Italy in the 'Europe' region



Overview

- A total of 11 childhood vaccines are tracked for Italy; of these, 8 reached the 90% coverage target or higher in 2025.
- Coverage of the first dose of diphtheria-tetanus-pertussis-containing vaccine (DTP1) increased from 94% in 2024 to 95% in 2025, coverage of the third dose of DTP-containing vaccine (DTP3) increased from 94% in 2024 to 95% in 2025, and coverage of the first dose of the measles-containing vaccine (MCV1) was the same in 2025 as it was in 2024 (95%) in 2025.
- In 2025, the number of zero-dose children for DTP in Italy (19,000) was approximately 57% higher than the annual number proposed to achieve the IA2030 target of halving zero-dose children for DTP by 2030 (12,000), based on a linear trajectory of decline.

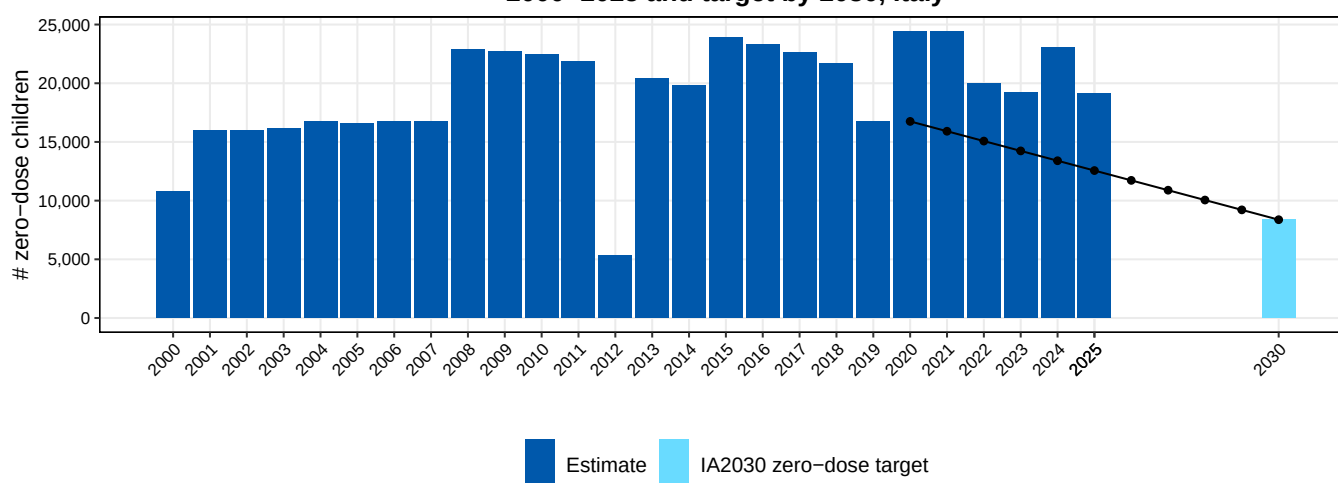
Vaccine coverage (%), Italy, 2000–2025

	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
DTP1	98	97	97	97	97	97	97	97	96	96	96	96	99	96	96	95	95	95	95	96	94	94	95	95	94	95
DTP3	87	93	93	96	94	95	96	97	96	96	96	96	97	96	95	93	94	95	95	96	94	94	95	95	94	95
Hib3	55	70	83	90	94	95	96	96	96	96	95	96	96	95	94	93	93	94	94	95	94	94	95	95	95	94
HepB3	94	95	95	95	96	96	96	97	96	96	96	96	96	96	95	93	93	94	95	95	94	94	95	95	94	95
PCVC									60	66	71	76	82	87	87	89	88	91	92	92	91	91	92	92	90	82
RotaC																		14	19	26	63	70	74	71	70	72
IPV1																95	95	95	95	96	94	94	95	95	94	95
IPVC																						94	95	95	94	95
MCV1	74	77	81	84	86	87	88	90	90	90	91	90	90	90	87	85	87	92	93	94	92	94	94	95	95	95
RCV1	74	77	81	84	86	87	88	90	90	90	91	90	90	90	87	85	87	92	93	94	92	94	94	95	95	95
MCV2														84	83	83	82	86	89	88	86	86	85	85	84	83
HPVc											44	52	54	55	50	56	53	50	40	53	27	32	39	45	51	51



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

Estimated number of zero-dose children, 2000–2025 and target by 2030, Italy

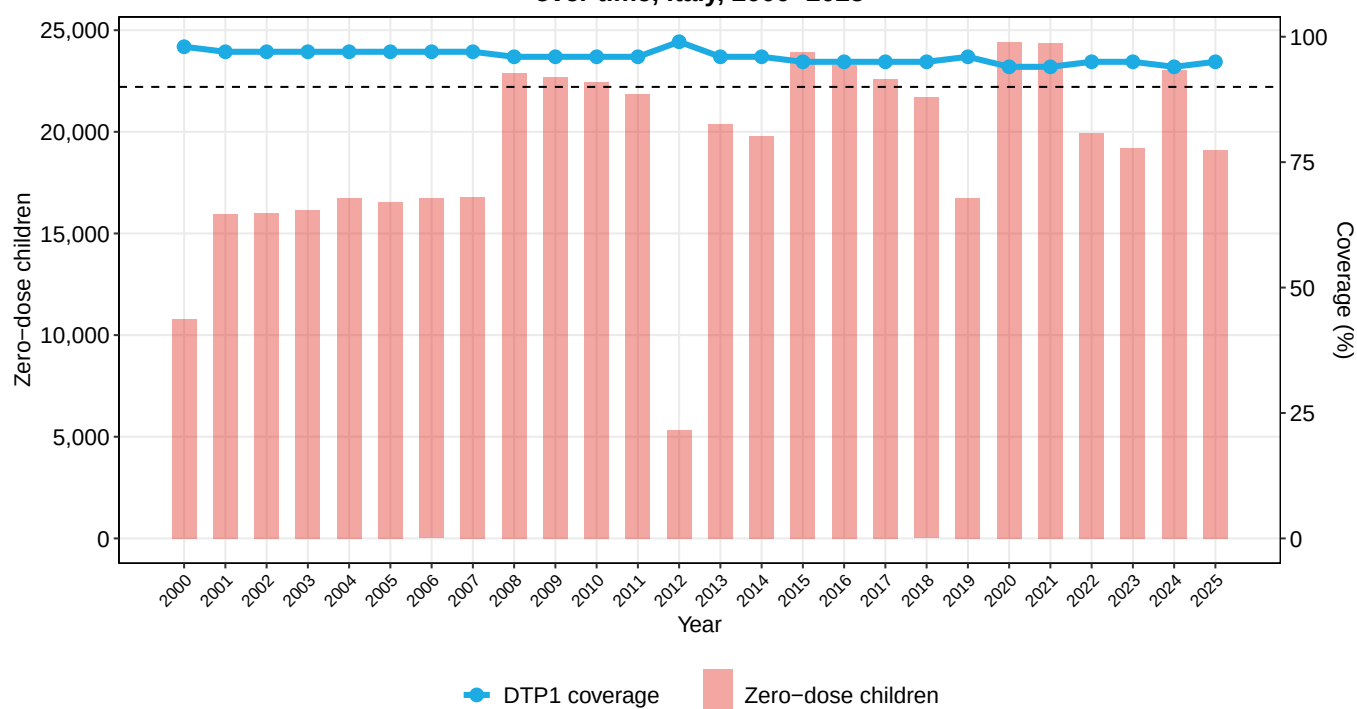


Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.
 Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero-dose children in 2019 in half by 2030.
 Dark blue bars are the estimated number of zero-dose children in 2000–2025, light blue 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.

DTP1: Reaching zero-dose children

- Coverage of DTP1 stood at 95% in 2025. This is lower than in 2019 (96%) and higher than in 2024 (94%).
- The percentage of zero-dose children was 57 percentage points higher than the IA2030 target in 2025. There were approximately 19,000 zero-dose children in 2025, more than the 17,000 in 2019 but fewer than the 23,000 in 2024.
- Coverage of DTP1 in Italy (95%) was lower than the Non-programme regional average of 96% in 2025.
- DTP1-to-DTP3 dropout in 2025 was 0%, the same as in 2019. Low DTP dropout rates imply good ability to provide a complete vaccine series early in life.

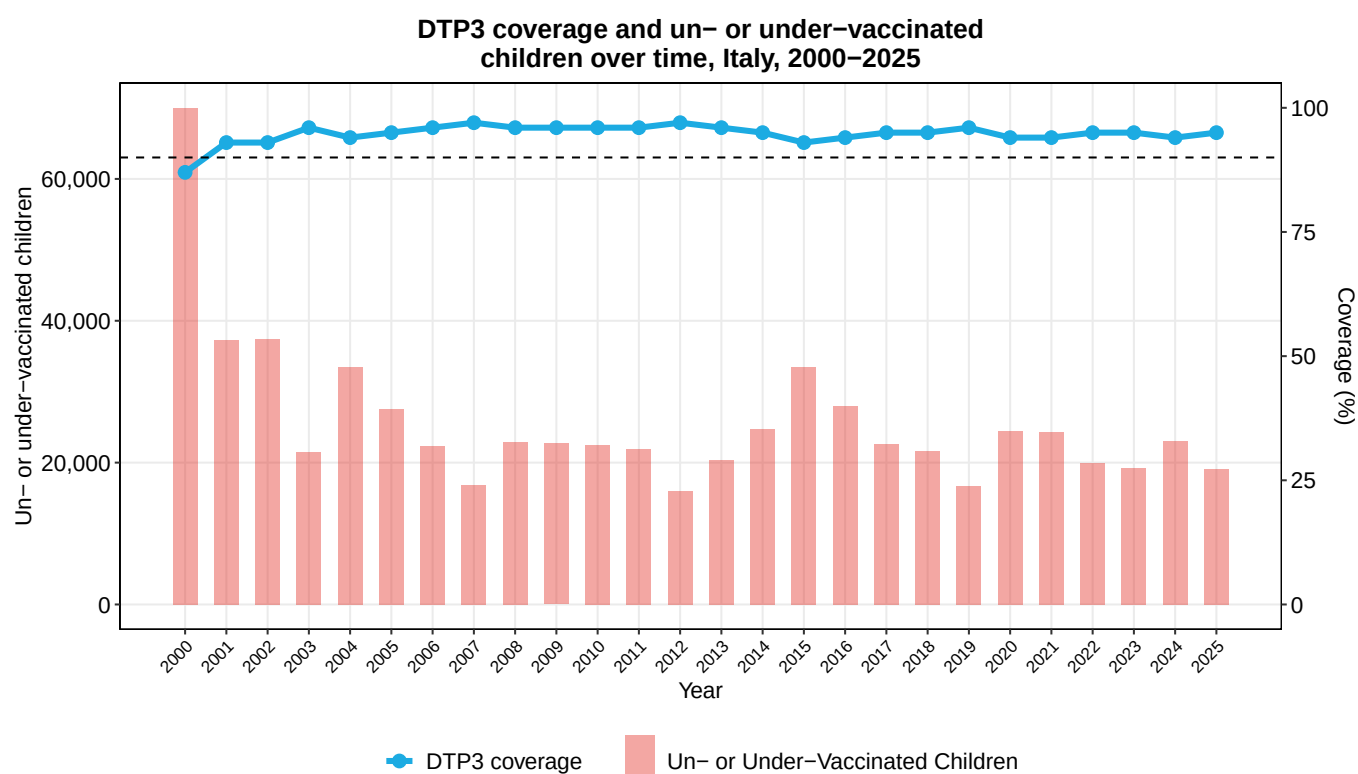
**DTP1 coverage and zero-dose children
over time, Italy, 2000–2025**



Dotted line shows the IA2030 target of 90% coverage
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

DTP3: A marker of routine immunization service delivery to children

- Coverage of DTP3 stood at 95% in 2025. This is lower than in 2019 (96%) and higher than in 2024 (94%).
- The number of children vaccinated with DTP3 decreased from 402,000 in 2019 to 363,000 in 2025.
- In 2025, there were 19,000 children un- or under-vaccinated in Italy.
- In 2025, 0% of children who received DTP1 did not receive DTP3. This 0% dropout rate was the same as in 2019 (0%) and the same as the 2024 dropout rate (0%).
- Coverage of DTP3 in Italy (95%) was higher than the Non-programme regional average of 94% in 2025.

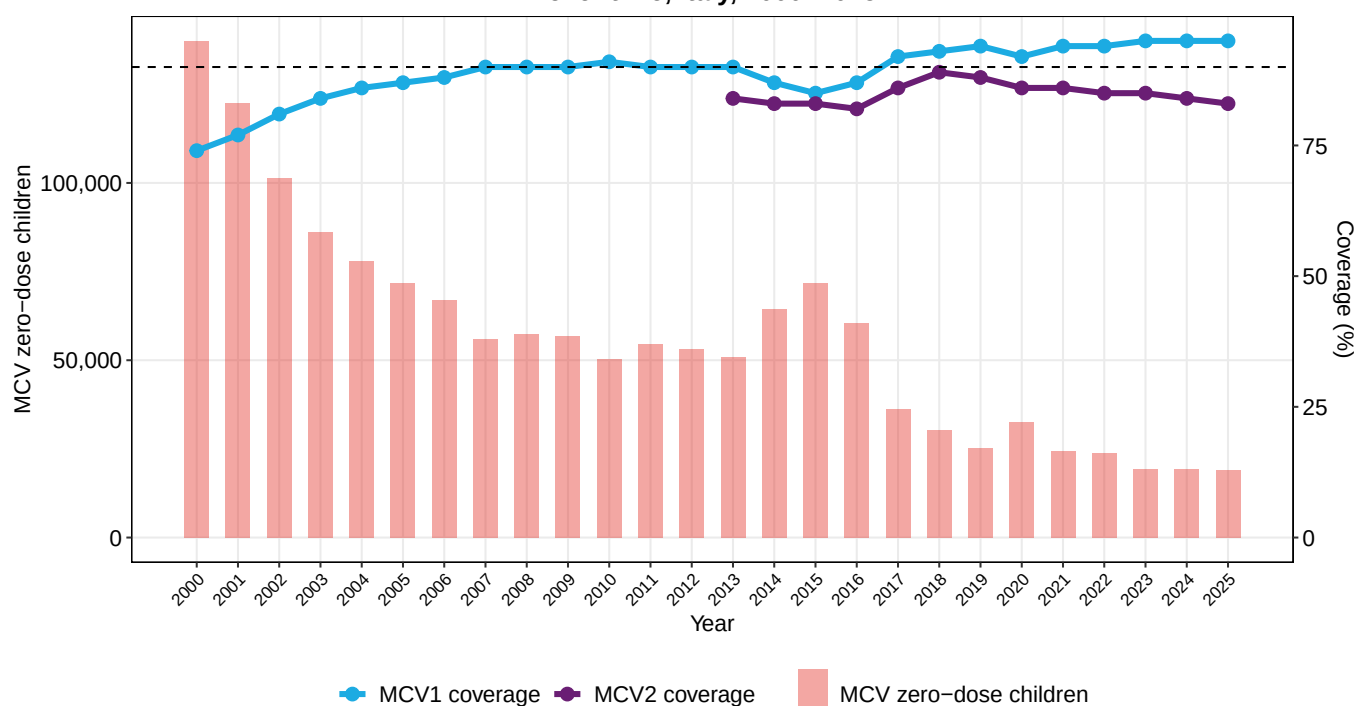


Dotted line shows the IA2030 target of 90% coverage
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

MCV: Canary in the coal mine

- Coverage of MCV1 stood at 95% in 2025. This is higher than in 2019 (94%) and the same as in 2024 (95%).
- Coverage of the second dose of the measles-containing vaccine (MCV2) decreased from 88% in 2019 to 83% in 2025. This still leaves 19,000 children without any protection against measles and another 53,000 with only partial protection.
- In 2025, 0% of children who received DTP1 did not receive MCV1. This 0% dropout rate was 2 percentage points lower than in 2019 (2%) but 1 percentage points higher than the 2024 dropout rate (-1%).
- Italy has achieved MCV1 coverage above 80% over all of the last 3 years.
- Coverage of MCV1 in Italy (95%) was higher than the Non-programme regional average of 93% in 2025.

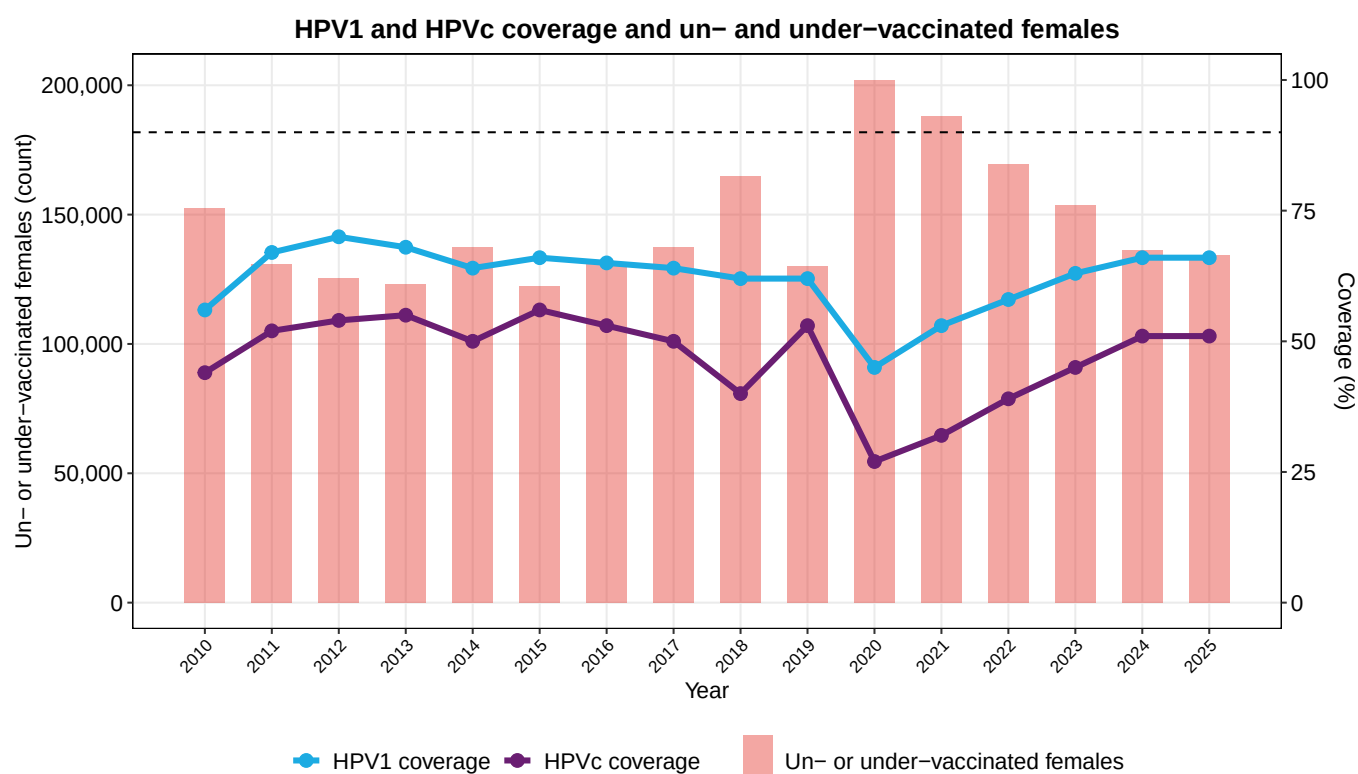
MCV coverage and MCV zero-dose children over time, Italy, 2000–2025



Dotted line shows the IA2030 target of 90% coverage
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

HPV

- Programme coverage of HPV1 among females remained constant at 66% between 2024 and 2025, and coverage of the last dose (HPVc) also remained constant at 51%.
- HPVc coverage remains well below the IA2030 target of 90%.
- In 2025, approximately 93,000 females in Italy did not receive any HPV vaccination (unvaccinated).
- Among Non-programme region peers, Italy ranked 33 out of 40 countries in HPVc coverage in 2025.



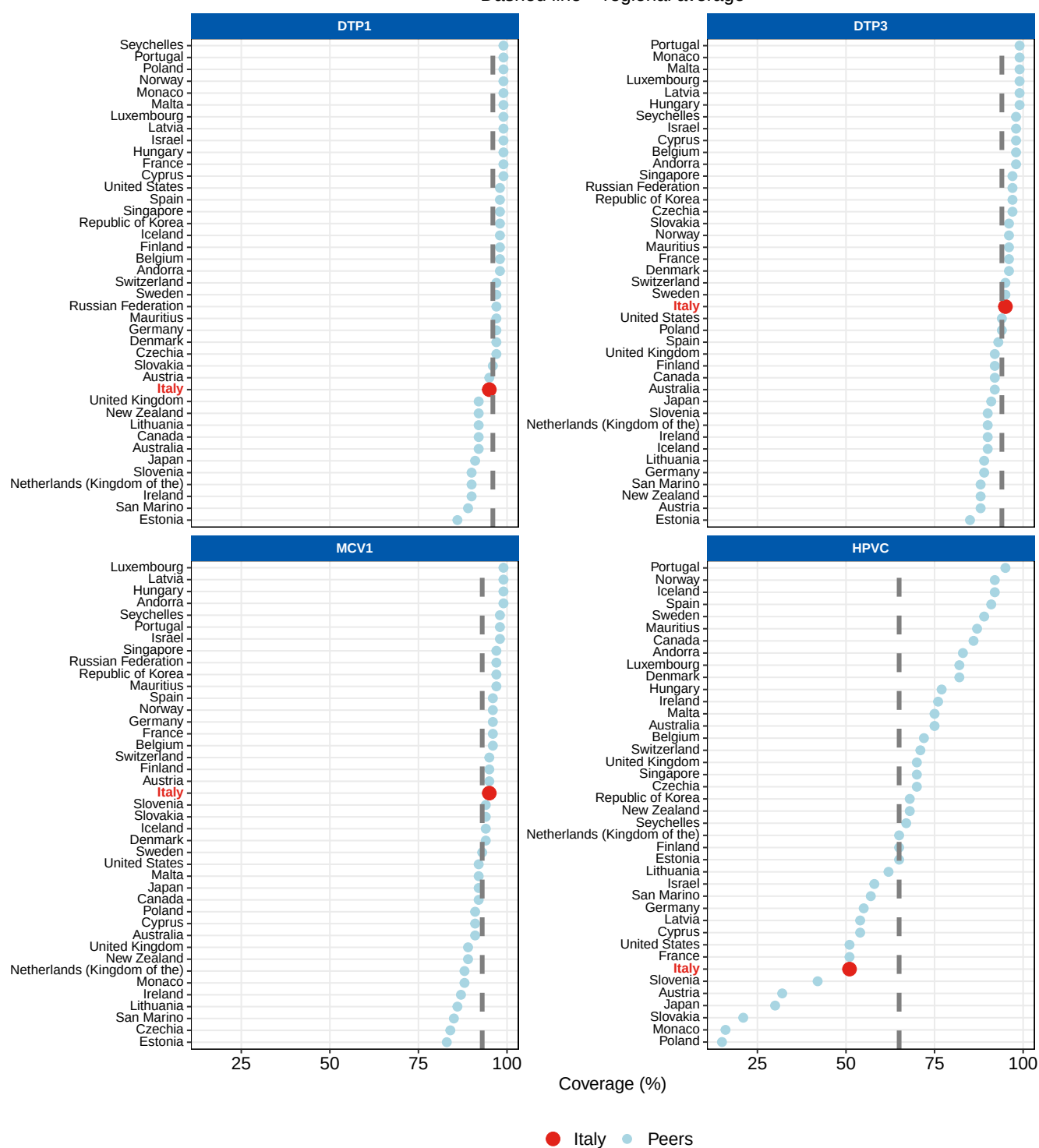
Dotted line shows the IA2030 target of 90% coverage
 Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

Regional Comparison

The chart below shows how Italy compares to other countries in the Non-programme region on DTP1, DTP3, MCV1, and HPVc coverage in 2025. The dashed line represents the regional average for each vaccine.

Coverage comparison: Italy vs. Non-programme peers, 2025

Dashed line = regional average



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

Additional Vaccines

- Coverage of HepB3 stood at 95% in 2025. This is the same as in 2019 (95%) but higher than in 2024 (94%).
- Coverage of Hib3 stood at 94% in 2025. This is lower than in 2019 (95%) and lower than in 2024 (95%).
- Coverage of IPV1 stood at 95% in 2025. This is lower than in 2019 (96%) but higher than in 2024 (94%).
- Coverage of PCVC stood at 82% in 2025. This is lower than in 2019 (92%) and lower than in 2024 (90%).
- Coverage of RotaC stood at 72% in 2025. This is higher than in 2019 (26%) and higher than in 2024 (70%).

Additional vaccine coverage (%), Italy, 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
HepB3	94	95	95	95	96	96	96	97	96	96	96	96	96	96	95	93	93	94	95	95	94	94	95	95	94	95
Hib3	55	70	83	90	94	95	96	96	96	96	95	96	96	95	94	93	93	94	94	95	94	94	95	95	95	94
IPV1																95	95	95	95	96	94	94	95	95	94	95
PCVC									60	66	71	76	82	87	87	89	88	91	92	92	91	91	92	92	90	82
RotaC																		14	19	26	63	70	74	71	70	72



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

Appendix

WHO/UNICEF Estimates of National Immunization Coverage (WUENIC)

Each year, WHO and UNICEF review national immunization data from Member States, including administrative and official coverage, survey estimates and contextual information, and use rules-based data triangulation approach to assess coverage. Estimates are produced independently, without borrowing data from other countries, and are not based on ad hoc adjustments. In some cases, they rely on a single source, typically nationally reported coverage. When data for a specific country-vaccine-year are unavailable, values from adjacent years are interpolated or extrapolated, and conflicting sources are assessed to determine the most reliable estimate, considering potential biases and expert opinion.

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](#)

These talking points present the latest WUENIC estimates (published 15 July 2026).

Definitions of immunization terms:

- 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 (PCV)
- Yellow Fever vaccine (YFV)
- Meningococcal A vaccine (MengA)
- Human Papillomavirus vaccine, first dose (HPV1) and last dose (HPVc)

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