

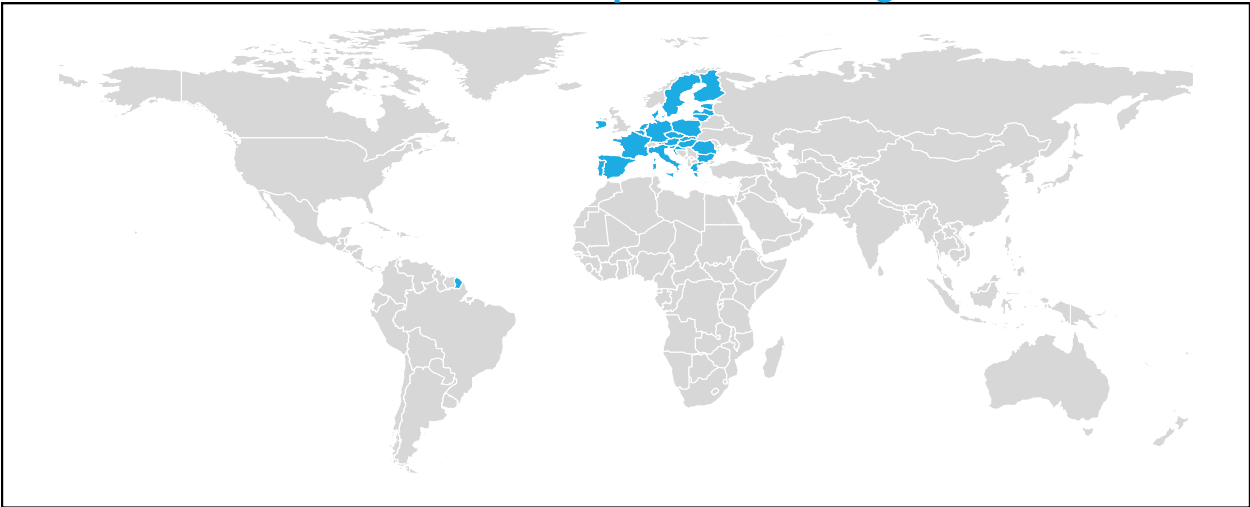
WUENIC Talking Points: European Union Region

Revision Year: 2025

Contents

Overview	2
DTP1: Reaching zero-dose children	4
DTP3: A marker of routine immunization service delivery to children	7
MCV: Canary in the coal mine	10
HPV	13
Appendix	14

Countries in European Union Region

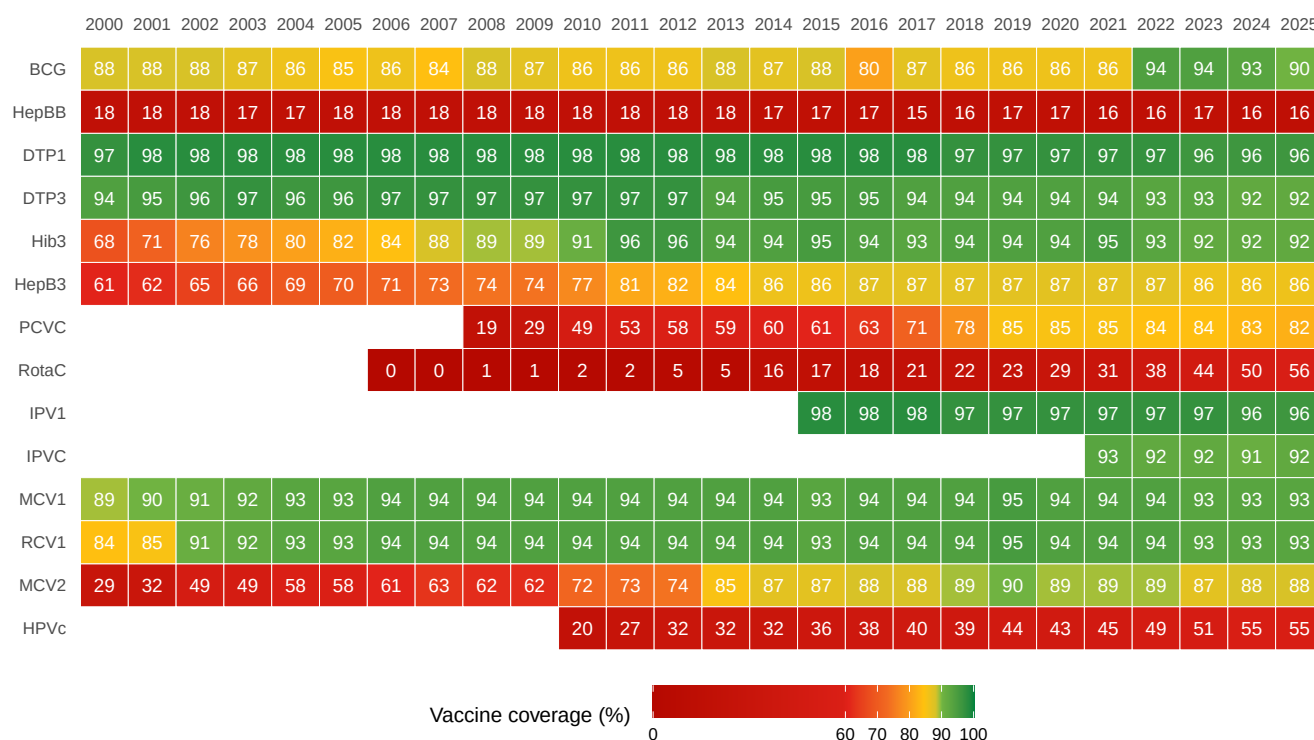


- The European Union region includes the following 27 countries: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands (Kingdom of the), Poland, Portugal, Romania, Slovakia, Slovenia, Spain, and Sweden.

Overview

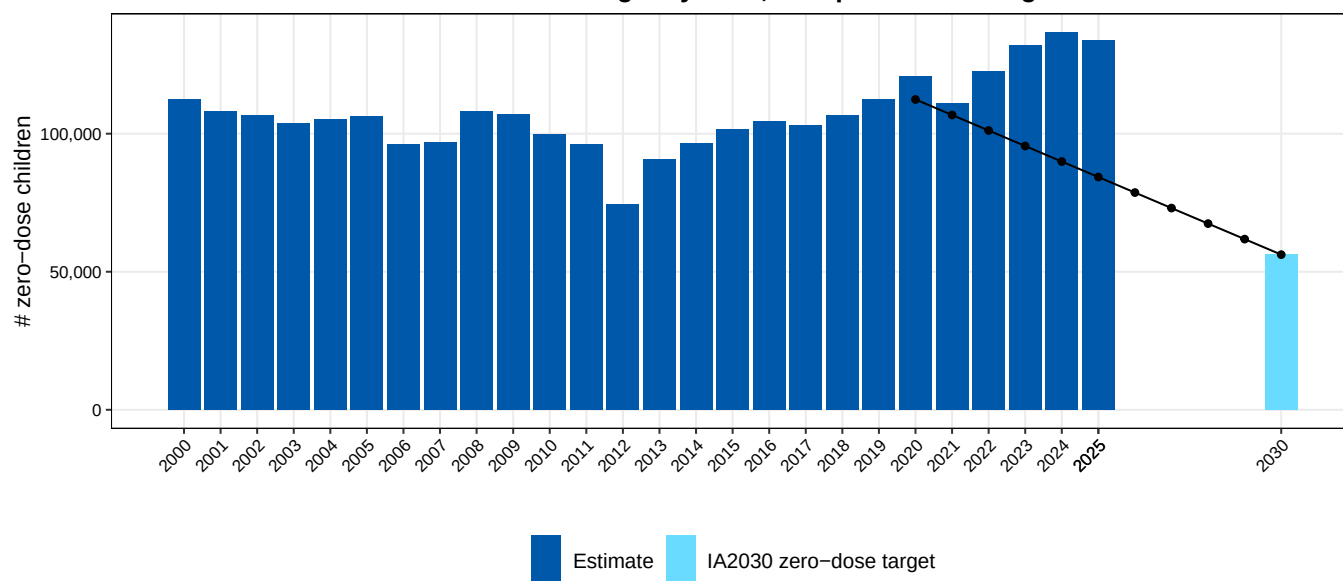
- While noting variations across countries and vaccines, 8 out of the 13 childhood vaccines achieved an average coverage of 90% or higher within the European Union region in 2025.
- Coverage of the first dose of diphtheria-tetanus-pertussis-containing vaccine (DTP1) was the same in 2025 as it was in 2024 (96%), and coverage of the third dose of DTP-containing vaccine (DTP3) was the same in 2025 as it was in 2024 (92%). Coverage of the first dose of the measles-containing vaccine (MCV1) was the same in 2025 as it was in 2024 (93%).
- A total of 25 out of 27 countries reached target coverage (90%) for all 13 antigens, representing 93% of the region.
- There were 2 countries that did not meet the target coverage across all antigens: Estonia and Romania.
- In 2025, the number of zero-dose children (134,000) was approximately 59% higher than the annual number proposed to achieve the Immunization Agenda 2030 target of reducing the number of zero-dose children by half by 2030 in European Union region (84,000), based on a linear trajectory of decline.

Vaccine coverage (%), European Union Region, 2000–2025



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

Estimated number of zero-dose children, 2000–2025 and target by 2030, European Union Region



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

- The number of children vaccinated with DTP1 decreased 11.4% from 4 million in 2019 to 3.5 million in 2025.
- DTP1 coverage in 2025 was 96%, lower than in 2019 (97%) and the same as in 2024.
- In 2025, the number of zero-dose children (134,000) was approximately 59% higher than the annual number proposed to achieve the Immunization Agenda 2030 target in European Union region (84,000), based on a linear trajectory of decline.
- In 2025, Romania and Germany represented approximately 20% and 16% of all zero-dose children in European Union (n = 134,000), respectively. Romania had the highest number of zero-dose children at 27,000, and Germany had the second highest at 21,000.
- In 2025, the lowest DTP1 coverage was observed in Romania at 85%, followed by Estonia at 86%.
- There were 25 (93%) out of 27 countries in the region that achieved DTP1 coverage of 90% or higher in 2025.

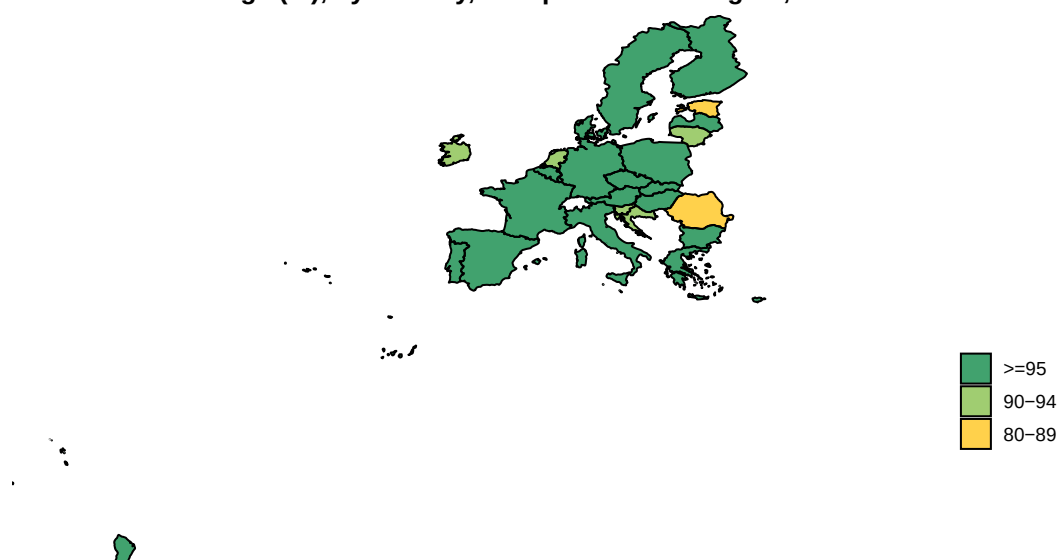
DTP1 coverage (%), by country, European Union Region, 2000–2025

	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
Cyprus	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
France	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Latvia	99	99	99	98	99	99	98	98	94	98	99	95	92	96	93	97	99	98	97	99	99	96	99	98	99	99
Luxembourg	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Malta	97	98	95	96	92	94	85	84	88	91	97	99	99	99	99	98	97	98	99	98	99	99	99	99	99	99
Poland	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Portugal	99	99	98	99	98	94	99	99	99	97	99	97	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Belgium	97	97	97	97	97	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	98	98	98
Finland	99	99	99	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	97	97	98	98
Greece	97	97	98	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98
Spain	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	96	98	97	98	98
Bulgaria	95	95	97	96	95	97	97	96	97	96	96	96	96	96	90	93	94	96	95	96	94	92	94	95	96	97
Czechia	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	96	97	97
Denmark	98	97	99	98	95	93	93	87	89	90	93	94	97	97	96	96	97	99	97	97	97	98	98	98	97	97
Germany	96	97	97	97	98	98	99	99	99	99	99	99	99	98	98	98	98	98	98	98	98	98	97	97	97	97
Sweden	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	97	96	97	97
European Union	97	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	97	97	97	97	97	96	96	96
Slovakia	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	97	97	96	96	96
Austria	81	84	83	84	83	86	83	85	83	83	86	89	92	95	98	97	95	95	94	91	95	95	95	95	95	95
Italy	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
Croatia	95	94	99	98	96	96	96	96	97	97	97	97	98	98	97	96	95	94	95	96	96	94	94	95	94	93
Lithuania	99	98	98	98	94	98	98	99	96	98	98	95	97	97	97	97	97	97	95	96	95	93	93	93	92	92
Ireland	86	84	84	86	89	90	91	92	93	94	94	95	95	96	96	95	95	95	94	94	94	94	93	93	92	90
Netherlands (Kingdom of the)	97	97	97	98	98	96	96	97	97	97	97	97	97	97	96	95	95	94	93	94	94	95	93	92	91	90
Slovenia	96	96	96	98	98	98	99	99	99	98	98	98	98	98	98	98	98	98	97	98	95	92	89	89	90	90
Estonia	96	99	99	99	98	99	98	98	97	97	96	96	96	96	95	94	95	94	93	92	91	88	85	82	86	86
Romania	99	99	98	98	97	97	97	97	96	96	96	96	95	95	95	95	94	94	94	88	87	97	89	87	85	85



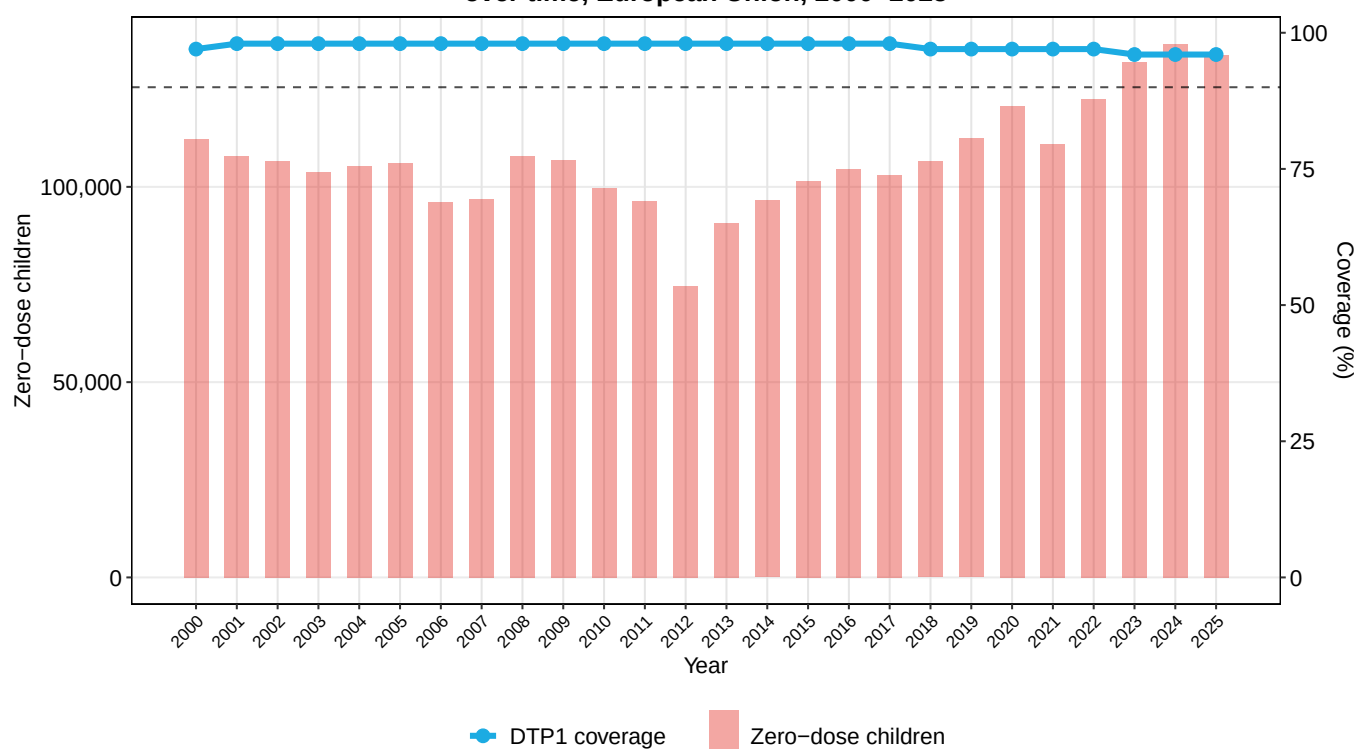
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.
Note: Countries ordered based on descending DTP1 coverage in 2025.

DTP1 coverage (%), by country, European Union Region, 2025



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.
 Note: This map is stylized and based on an approximate scale.
 This map does not reflect a position by UNICEF or WHO on the legal status of any country or territory or the delimitation of any frontiers.

DTP1 coverage and zero-dose children over time, European Union, 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

- The number of children vaccinated with DTP3 decreased 12.6% from 3.9 million in 2019 to 3.4 million in 2025.
- DTP3 coverage in 2025 was 92%, lower than in 2019 (94%) and the same as in 2024.
- In 2025, 4% of children who received DTP1 did not receive DTP3, which was 1 percentage point higher than in 2019 (3%); low dropout rates imply good ability to provide a complete series of vaccines early in life.
- In 2025, DTP3 coverage ranged from 66% in Romania to 99% in Hungary, Latvia, Luxembourg, Malta, and Portugal.
- In 2025, Germany had DTP3 coverage of 89% and the highest absolute number of un- and undervaccinated children in the region (78,000), followed by Romania with 66% coverage and 60,000 un- and undervaccinated children.

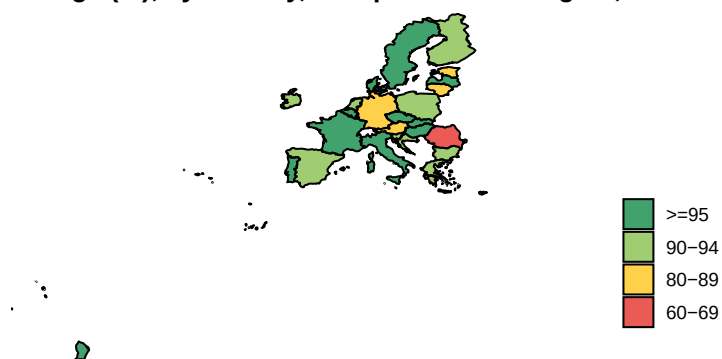
DTP3 coverage (%), by country, European Union Region, 2000–2025

	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
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Latvia	96	97	97	98	99	99	96	94	94	94	92	92	91	94	92	94	98	98	96	99	99	94	95	98	97	99
Luxembourg	99	99	99	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Malta	94	95	95	94	89	92	85	74	72	73	76	96	99	99	99	97	97	98	97	98	98	99	98	98	97	99
Portugal	96	97	98	99	95	93	97	97	97	96	98	97	98	98	98	98	98	98	99	99	99	99	99	99	99	99
Belgium	95	95	95	95	95	97	98	98	99	98	98	98	99	99	99	99	98	98	98	97	98	98	98	98	97	98
Cyprus	97	97	98	98	98	98	97	97	97	99	99	99	99	99	99	97	97	97	99	96	96	96	96	95	94	98
Czechia	98	98	98	97	98	97	98	99	99	99	99	99	99	98	97	97	96	96	97	97	97	94	94	95	96	97
Denmark	97	97	98	96	95	93	93	87	88	89	90	91	94	94	94	93	94	98	97	97	97	97	97	97	96	96
France	97	97	97	97	98	98	99	99	99	98	99	99	99	88	92	96	95	95	95	95	96	96	96	96	96	96
Slovakia	99	99	99	99	99	99	99	99	99	99	99	99	99	98	97	96	96	96	97	97	97	97	97	96	96	96
Italy	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
Sweden	99	99	99	99	99	98	98	98	98	98	98	98	98	98	98	98	98	97	97	98	97	98	94	94	96	95
Greece	89	91	92	94	95	96	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	95	95	94
Poland	98	98	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	96	95	95	94	94	94	95	94	94
Spain	95	96	98	98	97	96	98	96	97	96	97	97	96	96	97	97	97	95	96	95	94	93	95	93	94	93
European Union	94	95	96	97	96	96	97	97	97	97	97	97	97	94	95	95	95	94	94	94	94	94	93	93	92	92
Bulgaria	93	94	93	96	95	96	95	95	95	94	94	95	95	95	88	91	92	92	92	93	91	89	91	92	94	92
Finland	99	98	98	98	98	97	97	99	99	99	99	99	99	98	98	97	92	89	91	91	89	89	91	91	91	92
Croatia	93	94	95	94	96	96	96	96	96	96	97	96	96	96	95	94	93	92	93	94	94	92	92	93	92	91
Ireland	86	84	83	86	89	90	91	92	93	94	94	95	95	96	96	95	95	95	94	94	94	94	93	93	92	90
Netherlands (Kingdom of the)	97	97	97	98	98	96	96	97	97	97	97	97	97	97	96	95	95	94	93	94	94	95	93	92	91	90
Slovenia	91	92	93	95	94	95	97	97	97	96	96	96	96	95	95	95	94	94	93	95	95	86	89	89	90	90
Germany	90	93	93	97	96	96	96	96	96	96	96	95	95	93	93	93	91	91	91	91	91	92	89	89	89	89
Lithuania	94	95	95	94	94	94	94	95	96	98	95	92	93	93	93	93	94	94	92	92	91	90	90	90	89	89
Austria	81	84	83	84	83	86	83	85	83	83	85	88	90	93	95	95	95	87	82	84	85	85	84	87	85	88
Estonia	93	94	94	94	94	96	95	95	95	95	94	93	94	94	93	93	93	93	92	91	91	90	87	84	81	85
Romania	99	99	98	97	97	97	97	96	96	95	94	89	91	92	94	89	89	82	86	88	87	86	85	79	66	66



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.
Note: Countries ordered based on descending DTP3 coverage in 2025.

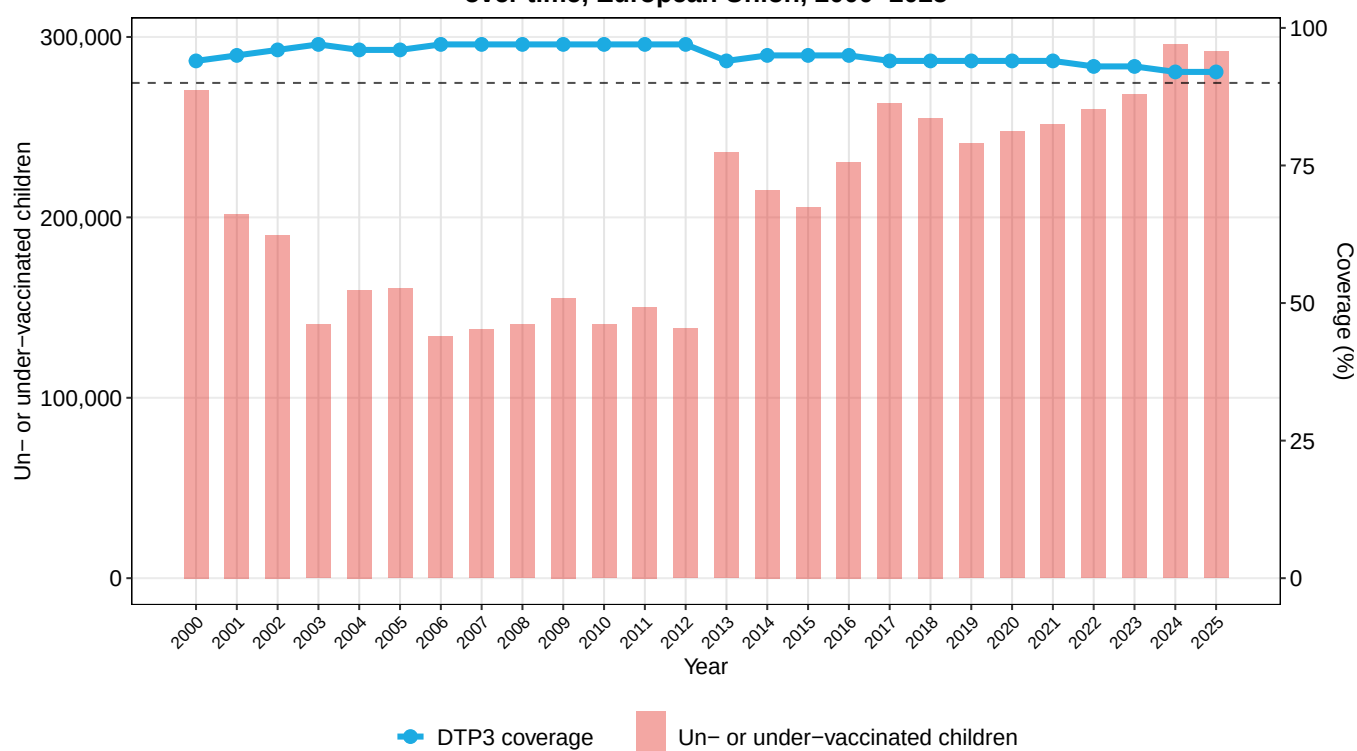
DTP3 coverage (%), by country, European Union Region, 2025



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

Note: This map is stylized and based on an approximate scale.
This map does not reflect a position by UNICEF or WHO on the legal status of any country or territory or the delimitation of any frontiers.

DTP3 coverage and un- or under-vaccinated children over time, European Union, 2000-2025



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

- MCV1 coverage in 2025 was 93%, lower than in 2019 (95%) and the same as in 2024.
- Coverage of the second dose of the measles-containing vaccine (MCV2) in 2025 was 88%, lower than in 2019 (90%) and the same as in 2024. This leaves 263,000 children without any protection and another 245,000 with only partial protection against the measles virus.
- In 2025, 4% of children who received DTP1 did not receive MCV1. This 4% dropout rate was 1 percentage point higher than in 2019 (3%) and higher than the 2024 dropout rate (3%).
- Low DTP-MCV dropout rates imply good retention and ability to provide a full course of vaccines in infancy.
- One country (Romania) had MCV1 coverage below 80% for all of the last 3 years.
- In 2025, Romania had the highest number of children who did not receive the measles vaccine (60,000), representing approximately 23% of all children unprotected against measles in European Union (263,000).

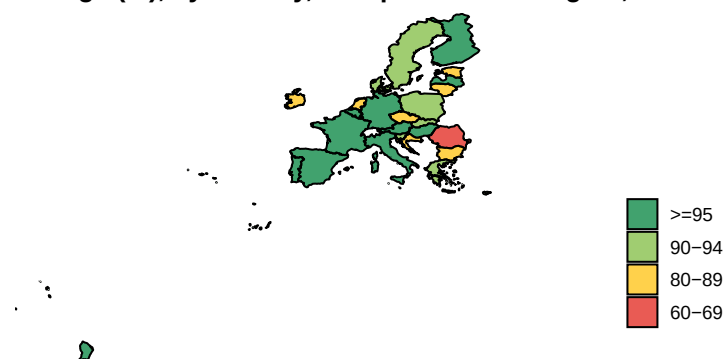
MCV1 coverage (%), by country, European Union Region, 2000–2025

	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
Hungary	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Latvia	97	98	98	98	98	98	98	95	96	92	95	92	90	96	95	96	93	96	98	99	99	97	96	99	98	99
Luxembourg	93	94	94	95	95	95	95	96	96	96	96	96	99	99	99	99	99	99	99	96	99	99	99	99	99	99
Portugal	87	90	93	96	95	93	97	95	97	95	96	97	97	98	98	98	98	98	99	99	99	98	98	98	99	98
Belgium	82	82	82	82	82	88	92	92	93	95	95	95	96	96	96	96	96	96	96	96	96	96	96	96	96	96
France	84	85	86	87	88	87	89	90	89	89	89	89	91	90	91	91	90	90	91	92	94	94	95	95	95	96
Germany	92	94	94	95	96	96	96	97	97	97	97	97	97	97	97	97	97	97	97	97	97	98	96	96	96	96
Spain	94	96	97	98	97	97	97	97	98	98	95	97	97	95	96	96	97	98	98	98	96	95	97	96	97	96
Austria	75	79	78	79	74	75	80	79	83	76	78	81	83	86	88	95	94	93	93	95	94	95	95	91	90	95
Finland	96	96	96	97	97	97	97	98	97	98	98	97	97	97	96	95	95	94	96	96	95	93	94	94	95	95
Italy	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
Denmark	99	94	95	96	96	95	90	89	87	84	85	87	90	89	90	91	94	97	95	96	94	95	95	95	94	94
Greece	89	91	92	94	95	96	98	99	99	99	99	99	99	99	97	97	97	97	97	97	97	97	94	91	96	94
Slovakia	98	99	99	99	99	98	98	99	99	99	98	98	99	98	97	95	95	96	96	96	96	95	95	94	94	94
Slovenia	95	94	93	94	94	94	96	96	96	95	95	96	95	94	94	94	92	93	93	94	94	95	96	95	95	94
European Union	89	90	91	92	93	93	94	94	94	94	94	94	94	94	94	93	94	94	94	95	94	94	94	93	93	93
Sweden	91	94	95	95	96	96	97	96	96	97	97	97	97	97	97	98	97	97	97	97	97	97	93	93	93	93
Malta	74	70	65	90	94	86	94	79	78	82	73	84	93	99	98	89	93	91	96	96	95	90	96	95	88	92
Cyprus	86	86	86	86	86	86	87	87	87	87	87	87	86	86	86	90	90	90	90	86	86	86	84	82	99	91
Poland	97	97	98	97	97	98	99	98	98	98	98	98	98	98	97	96	96	94	93	93	92	91	91	92	92	91
Bulgaria	89	90	92	96	95	96	96	96	96	96	97	95	94	95	93	92	92	94	93	95	88	89	91	92	94	88
Netherlands (Kingdom of the)	96	95	95	96	96	95	96	96	96	96	96	96	96	96	96	95	94	93	93	94	94	93	89	89	89	88
Croatia	93	94	95	94	96	96	95	96	96	95	96	96	95	94	94	93	90	89	93	93	91	89	90	90	90	87
Ireland	79	73	73	78	81	84	86	87	89	90	90	92	92	93	93	93	92	92	92	91	92	90	90	89	90	87
Lithuania	97	97	98	98	98	97	97	97	97	96	96	94	93	93	93	94	94	94	92	93	90	88	87	87	86	86
Czechia	97	97	98	97	97	97	97	98	97	98	98	98	98	99	99	99	98	97	96	92	94	97	97	87	89	84
Estonia	93	95	95	95	96	96	96	96	95	95	95	94	94	94	93	93	93	93	87	88	91	89	87	85	83	83
Romania	98	98	98	97	97	97	95	97	96	96	95	93	94	92	89	86	86	87	90	90	87	86	83	78	66	66



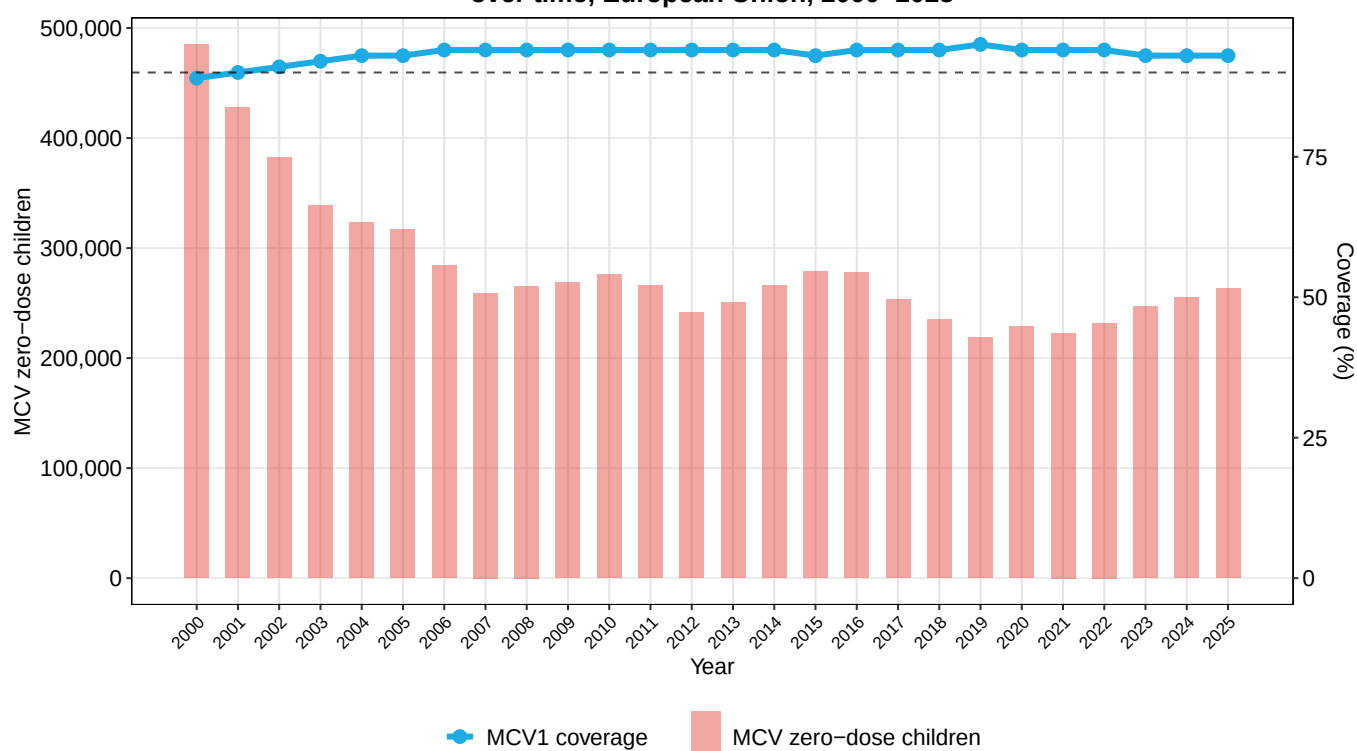
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.
Note: Countries ordered based on descending MCV1 coverage in 2025.

MCV1 coverage (%), by country, European Union Region, 2025



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.
 Note: This map is stylized and based on an approximate scale.
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MCV coverage and MCV zero-dose children over time, European Union, 2000-2025

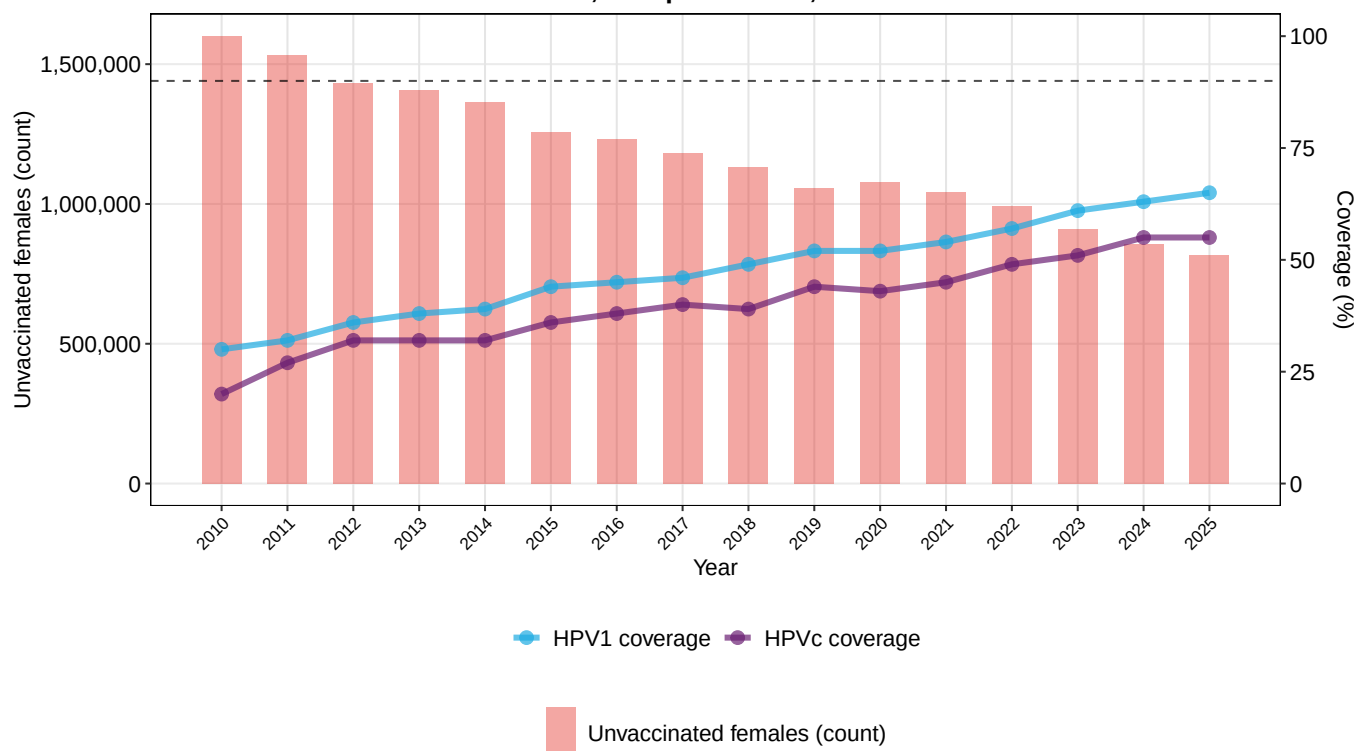


Dotted line shows the IA2030 target of 90% coverage
 Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

HPV

- Programme coverage of the first dose of HPV vaccine (HPV1) among girls stood at 65% in 2025, which was higher than the coverage of 63% in 2024.
- Coverage of the last dose (HPVc) stood at 55% in 2025, which was the same as the coverage in 2024.
- HPVc coverage remains well below the IA2030 target of 90%.
- In 2025, there were 818,000 girls who did not receive any HPV vaccination.
- All 27 countries in European Union had introduced HPV vaccination by 2025.
 - WUENIC HPV coverage estimates are available for 27 (100%) of these countries in 2025.

HPV1 and HPVc coverage and unvaccinated females over time, European Union, 2010–2025



Dotted line shows the IA2030 target of 90% coverage
 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/>