

WUENIC Talking Points: Nepal 🇳🇵

Revision Year: 2025

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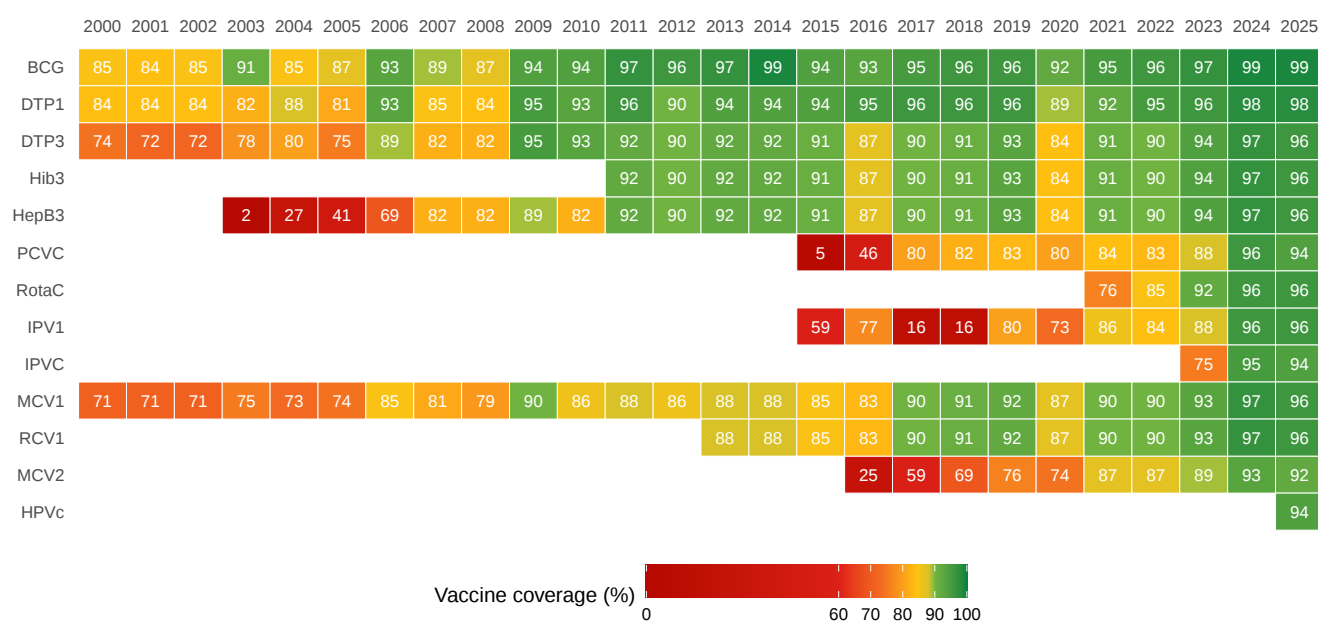
Nepal in the 'Asia' region



Overview

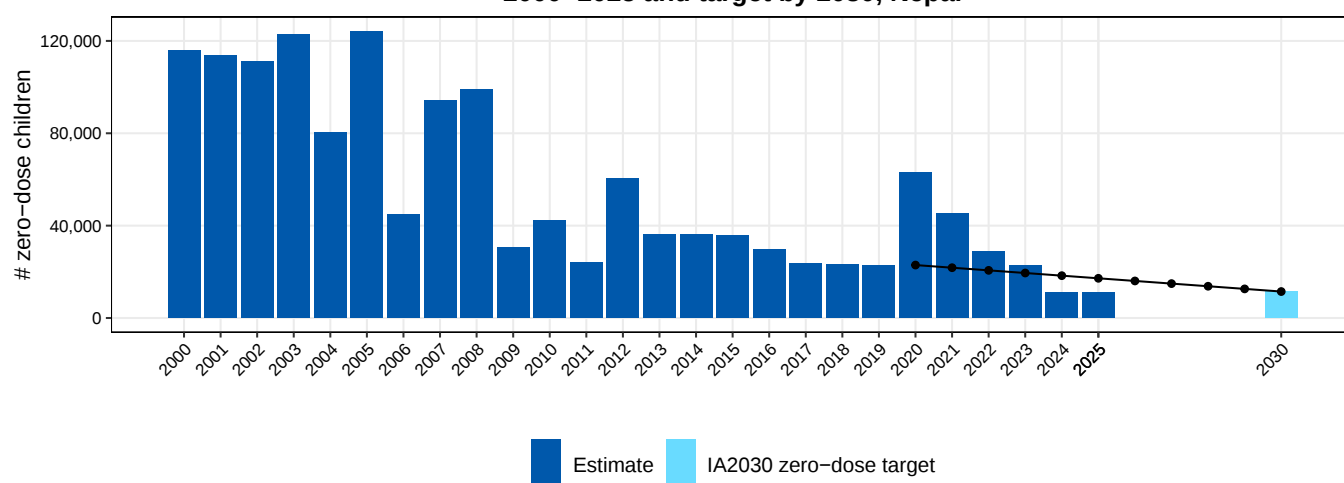
- A total of 12 childhood vaccines are tracked for Nepal; of these, 12 reached the 90% coverage target or higher in 2025.
- Coverage of the first dose of diphtheria-tetanus-pertussis-containing vaccine (DTP1) was the same in 2025 as it was in 2024 (98%), coverage of the third dose of DTP-containing vaccine (DTP3) declined from 97% in 2024 to 96% in 2025, and coverage of the first dose of the measles-containing vaccine (MCV1) declined from 97% in 2024 to 96% in 2025.
- In 2025, the number of zero-dose children for DTP in Nepal (11,000) was approximately 35% lower than the annual number proposed to achieve the IA2030 target of halving zero-dose children for DTP by 2030 (17,000), based on a linear trajectory of decline.

Vaccine coverage (%), Nepal, 2000–2025



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

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

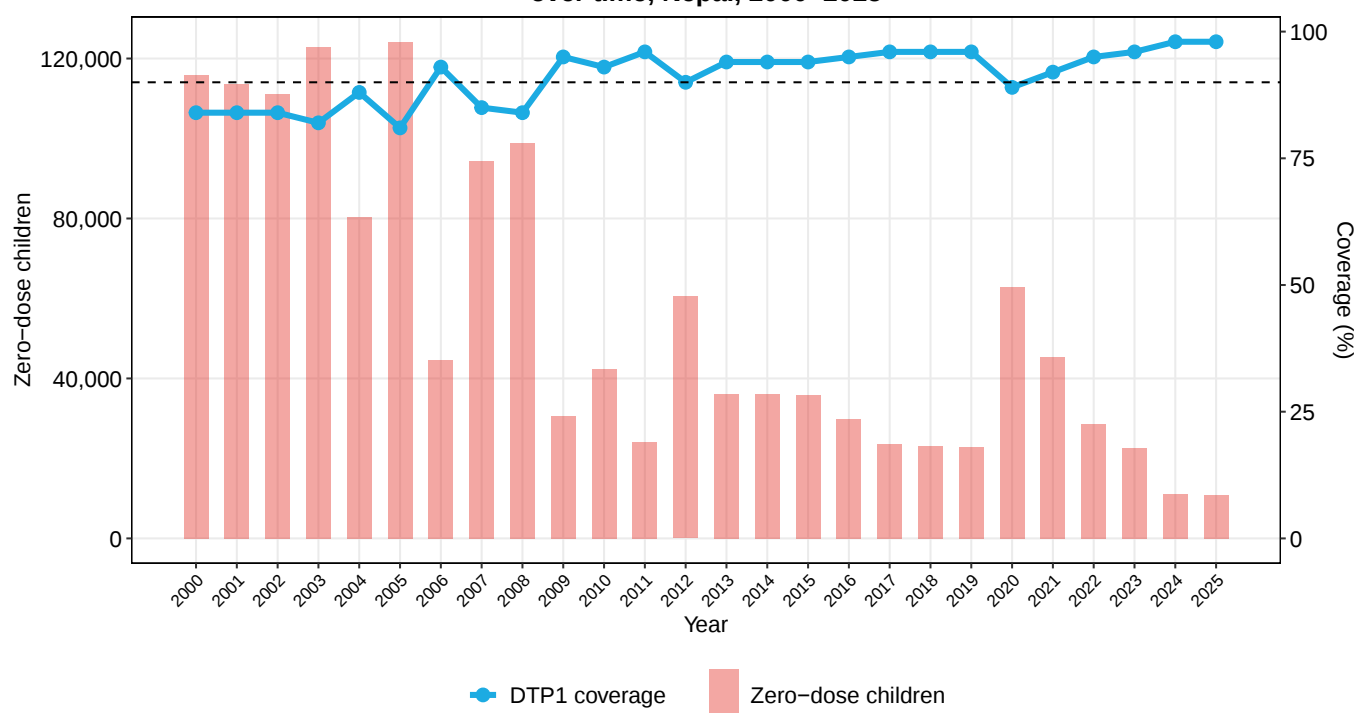


Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.
 Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero-dose children in 2019 in half by 2030.
 Dark blue bars are the estimated number of zero-dose children in 2000–2025, light blue 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 98% in 2025. This is higher than in 2019 (96%) and the same as in 2024 (98%).
- The percentage of zero-dose children was 35 percentage points lower than the IA2030 target in 2025. There were approximately 11,000 zero-dose children in 2025, fewer than the 23,000 in 2019 and fewer than the 11,000 in 2024.
- Coverage of DTP1 in Nepal (98%) was higher than the South Asia regional average of 95% in 2025.
- DTP1-to-DTP3 dropout in 2025 was 2%, 1 percentage point lower than in 2019 (3%). Low DTP dropout rates imply good ability to provide a complete vaccine series early in life.

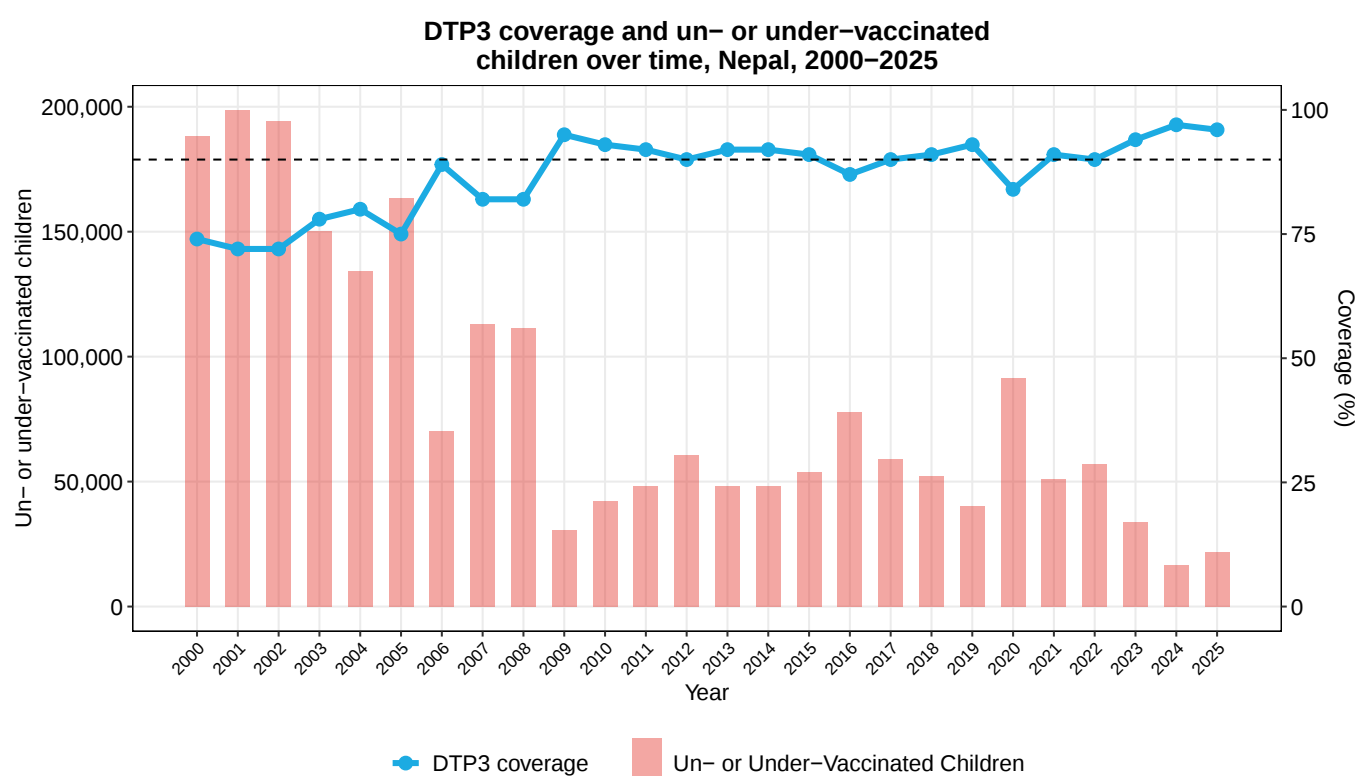
DTP1 coverage and zero-dose children over time, Nepal, 2000–2025



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

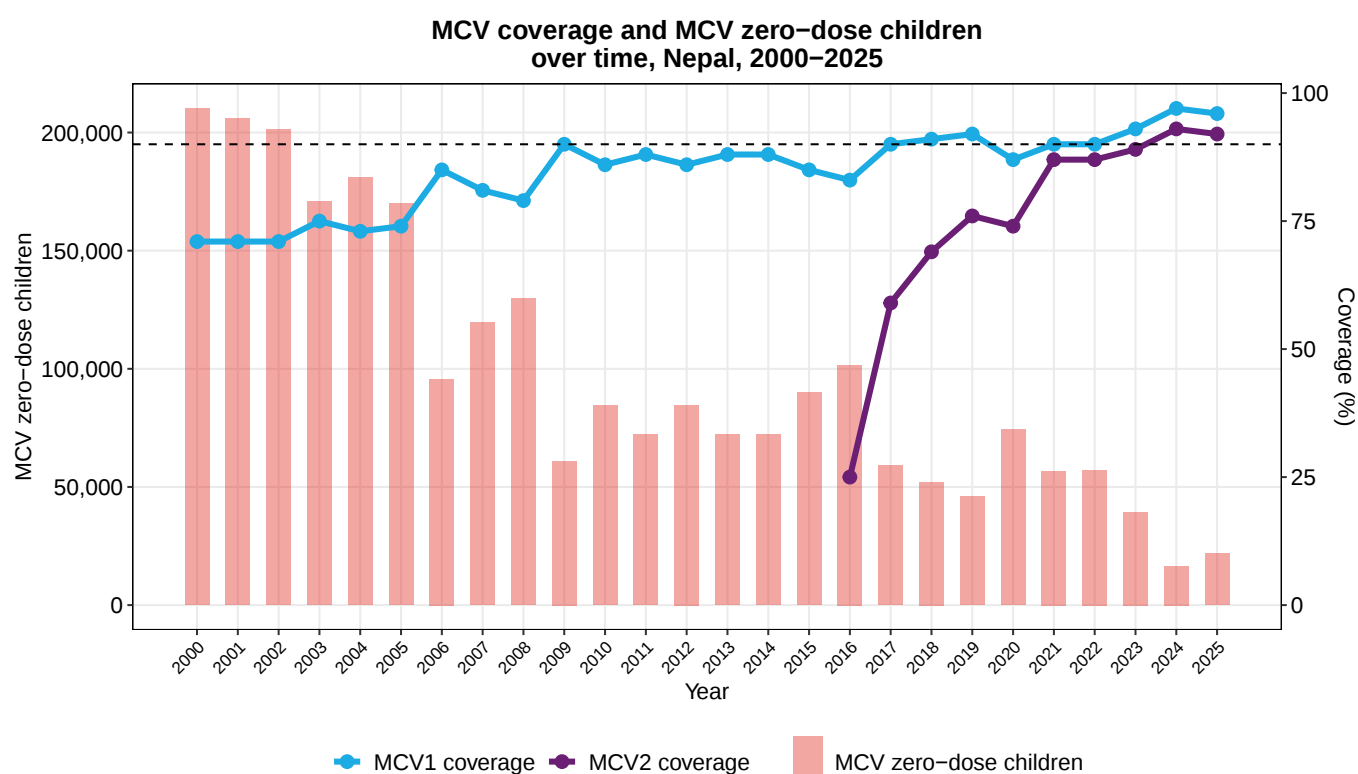
- Coverage of DTP3 stood at 96% in 2025. This is higher than in 2019 (93%) and lower than in 2024 (97%).
- The number of children vaccinated with DTP3 decreased from 533,000 in 2019 to 520,000 in 2025.
- In 2025, there were 22,000 children un- or under-vaccinated in Nepal.
- In 2025, 2% of children who received DTP1 did not receive DTP3. This 2% dropout rate was 1 percentage points lower than in 2019 (3%) but 1 percentage points higher than the 2024 dropout rate (1%).
- Coverage of DTP3 in Nepal (96%) was higher than the South Asia regional average of 92% 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

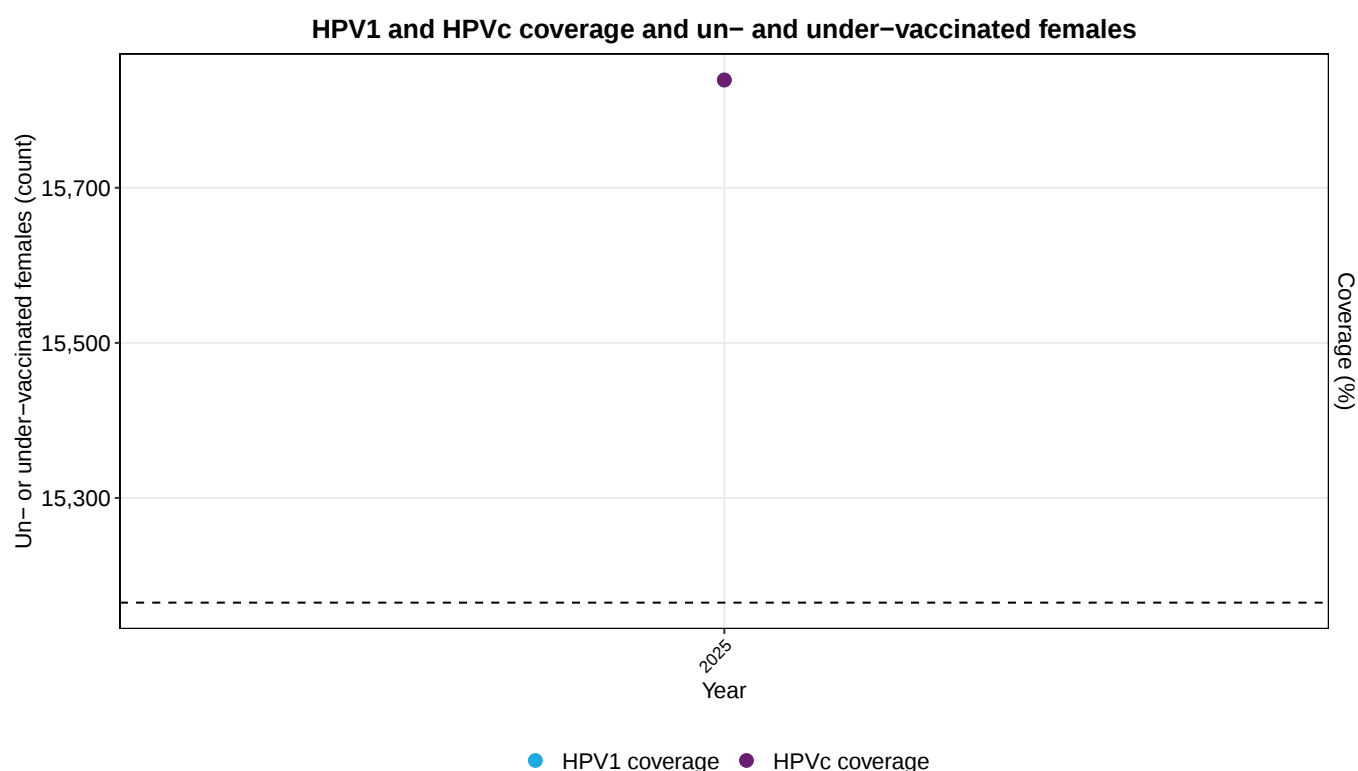
- Coverage of MCV1 stood at 96% in 2025. This is higher than in 2019 (92%) and lower than in 2024 (97%).
- Coverage of the second dose of the measles-containing vaccine (MCV2) increased from 76% in 2019 to 92% in 2025. This still leaves 22,000 children without any protection against measles and another 22,000 with only partial protection.
- In 2025, 2% of children who received DTP1 did not receive MCV1. This 2% dropout rate was 2 percentage points lower than in 2019 (4%) but 1 percentage points higher than the 2024 dropout rate (1%).
- Nepal has achieved MCV1 coverage above 80% over all of the last 3 years.
- Coverage of MCV1 in Nepal (96%) was higher than the South Asia regional average of 93% in 2025.



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

HPV

- In 2025, programme coverage among females was 94% for the first dose (HPV1) and 94% for the final dose (HPVc).
- HPVc coverage has exceeded the IA2030 target of 90%.
- In 2025, approximately 17,000 females in Nepal did not receive any HPV vaccination (un-vaccinated).
- Among South Asia region peers, Nepal ranked 3 out of 6 countries in HPV1 coverage in 2025.



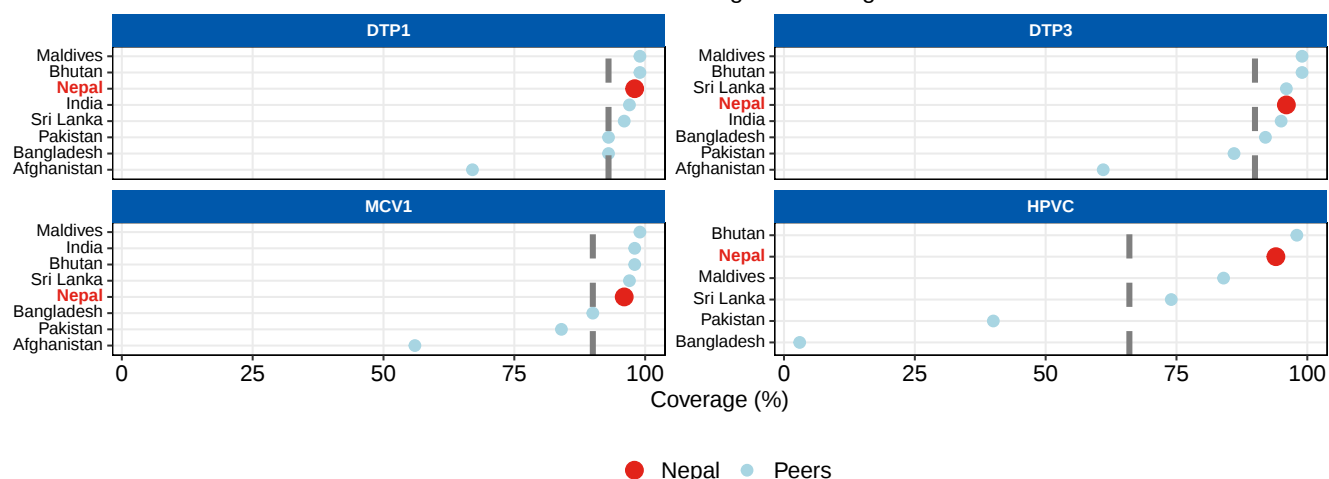
Dotted line shows the IA2030 target of 90% coverage
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

Regional Comparison

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

Coverage comparison: Nepal vs. ROSA peers, 2025

Dashed line = regional average



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

Additional Vaccines

- Coverage of BCG stood at 99% in 2025. This is higher than in 2019 (96%) and the same as in 2024 (99%).
- Coverage of HepB3 stood at 96% in 2025. This is higher than in 2019 (93%) but lower than in 2024 (97%).
- Coverage of Hib3 stood at 96% in 2025. This is higher than in 2019 (93%) but lower than in 2024 (97%).
- Coverage of IPV1 stood at 96% in 2025. This is higher than in 2019 (80%) and the same as in 2024 (96%).
- Coverage of PCVC stood at 94% in 2025. This is higher than in 2019 (83%) but lower than in 2024 (96%).
- Coverage of RotaC stood at 96% in 2025. This is the same as in 2024 (96%).

Additional vaccine coverage (%), Nepal, 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	85	84	85	91	85	87	93	89	87	94	94	97	96	97	99	94	93	95	96	96	92	95	96	97	99	99
HepB3				2	27	41	69	82	82	89	82	92	90	92	92	91	87	90	91	93	84	91	90	94	97	96
Hib3												92	90	92	92	91	87	90	91	93	84	91	90	94	97	96
IPV1																59	77	16	16	80	73	86	84	88	96	96
PCVC																5	46	80	82	83	80	84	83	88	96	94
RotaC																						76	85	92	96	96



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/>