

SUPPLEMENTARY TABLE. Estimated vaccination coverage, by World Health Organization Region, vaccine, and dose in series — worldwide, 2023

Vaccine	Countries with vaccine in schedule,* no. (%)	Coverage, %						
		Global	WHO Region ^{†,§,¶}					
			AFR	AMR	EMR	EUR	SEAR	WPR
BCG	154 (79)	87	83	83	84	94	90	96
DTPcv1	194 (100)	89	83	91	85	97	92	94
DTPcv3	194 (100)	84	74	86	79	95	90	92
HepB-BD	104 (54)	45	17	64	46	43	57	79
HepB3	190 (98)	83	74	85	79	92	90	91
Hib3	193 (99)	77	74	85	79	94	89	33
HPV, first**	113 (58)	47	43	68	59	55	41	45
HPV, last ^{††}	110 (57)	38	38	61	41	51	26	29
IPV1	131 (68)	83	75	84	81	97	87	93
IPV2	83 (43)	42	33	75	73	89	6	84
Pol3	193 (99)	83	73	85	80	95	89	90
MCV1	194 (100)	83	70	85	79	95	91	92
MCV2	189 (97)	74	49	75	73	91	85	90
PCV3	156 (80)	65	70	76	52	86	75	26
Pol3	193 (99)	83	73	85	80	95	89	90
RCV	175 (90)	71	36	85	69	95	91	92
Rota, last ^{§§}	122 (63)	55	61	75	54	41	68	7

Abbreviations: AFR = African Region; AMR = Region of the Americas; BCG = Bacille Calmette-Guérin vaccine; DTPcv1 = first dose of diphtheria-tetanus-pertussis-containing vaccine; DTPcv3 = third dose of DTP-containing vaccine; EMR = Eastern Mediterranean Region; EUR = European Region; HepB-BD = birth dose of hepatitis B vaccine; HepB3 = third dose of hepatitis B vaccine; Hib3 = third dose of *Haemophilus influenzae* type b vaccine; HPV, first = first dose of human papillomavirus vaccine; HPV, last = final dose of HPV vaccine; MCV1 = first dose of measles-containing vaccine; MCV2 = second dose of measles-containing vaccine; PCV3 = third dose of pneumococcal conjugate vaccine; Pol3 = third dose of polio vaccine; RCV1 = first dose of rubella-containing vaccine; Rota, last = final dose of rotavirus vaccine series; SEAR = South-East Asia Region; WPR = Western Pacific Region; WHO = World Health Organization.

* Vaccination coverage is reported among the 194 WHO countries. By WHO Region, this includes 47 countries in AFR; 35 countries in AMR; 21 countries in EMR; 53 countries in EUR; 11 countries in SEAR; and 27 countries WPR. Vaccination coverage does not include countries recommending vaccines for special groups only.

[†] <https://www.who.int/about/who-we-are/regional-offices>

[§] <https://www.who.int/teams/immunization-vaccines-and-biologicals/policies/who-recommendations-for-routine-immunization---summary-tables>

[¶] Vaccine coverage for all vaccines (except for BCG and HepB-BD) is based on 194 WHO countries (global) or all WHO countries in the specified region. BCG coverage is based on 157 countries that have BCG in the national schedule for all infants. HepB-BD is reported for countries that are able to distinguish vaccine administration within 24 hours of birth. Administrative coverage is the number of vaccine doses administered to those in a specified target group divided by the estimated target population. During vaccination coverage surveys, a representative sample of households are visited, and caregivers of children in a specified target group (e.g., caregivers of children aged 12–23 months) are interviewed. Dates of vaccination are transcribed from the child's home-based record, from health facility records, or based on caregiver recall. Survey-based vaccination coverage is calculated as the proportion of persons in a target age group who received a vaccine dose.

** Estimates are based on HPV, first dose coverage among females. Number of doses to complete the HPV series depends on the age of the recipient and whether the country has a 1- versus 2-dose HPV immunization policy.

^{††} Estimates are based on HPV, last dose coverage among females. [https://www.who.int/teams/immunization-vaccines-and-biologicals/policies/position-papers/human-papillomavirus-\(hpv\)](https://www.who.int/teams/immunization-vaccines-and-biologicals/policies/position-papers/human-papillomavirus-(hpv))

^{§§} Number of doses to complete the rotavirus vaccine series varies from 2 to 3, depending on the vaccine product.