

# Immunization Regional Snapshot 2018

## East Asia and Pacific



### More than 2 million still not fully vaccinated

In 2018, **2.6 out of 28.9 million** surviving infants in the region did not receive the three recommended doses of DTP3 vaccine.



### Nearly half of countries reached and maintained 90% coverage

**13 out of 29 countries** in the region have reached and sustained the target coverage of 90% or above for DTP3 for the past three years.

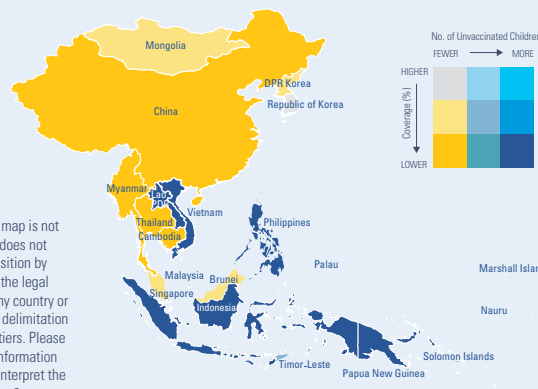


### Measles regional coverage below the global target

In 2018, the **regional coverage of MCV1 was 92%** compared to the global target of 95%

### Coverage and number of unvaccinated children for DTP3 by country, 2018

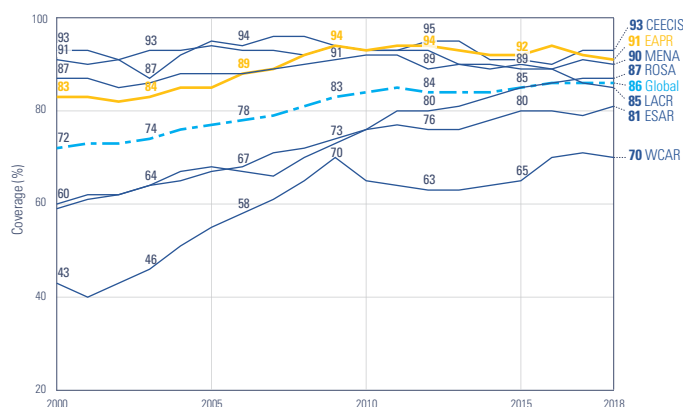
Countries with dark blue color, Indonesia, Lao PDR, Papua New Guinea, the Philippines, and Viet Nam have low coverages and high number of unvaccinated children for DTP3.



**Note:** This map is not to scale. It does not reflect a position by UNICEF on the legal status of any country or area or the delimitation of any frontiers. Please find more information on how to interpret the map on page 3.

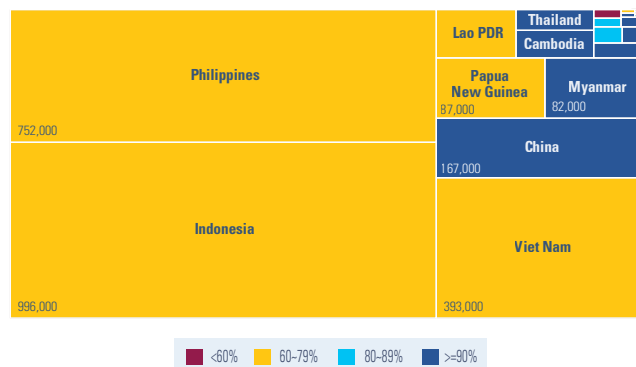
### Global and regional coverage of DTP3, 2000–2018

In 2018, the regional coverage of DTP3 was 91%, compared to global average of 86%.



### Coverage levels (%) and numbers of infants un-vaccinated and under-vaccinated for DTP, 2018

Indonesia and the Philippines, with an estimated 1.7 million infants not vaccinated for DTP3, accounted for 67 per cent of the total EAPR un- and under-vaccinated surviving infants.



### Vaccination coverage by country, 2018

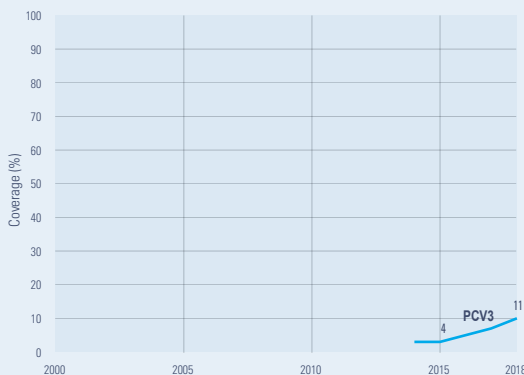
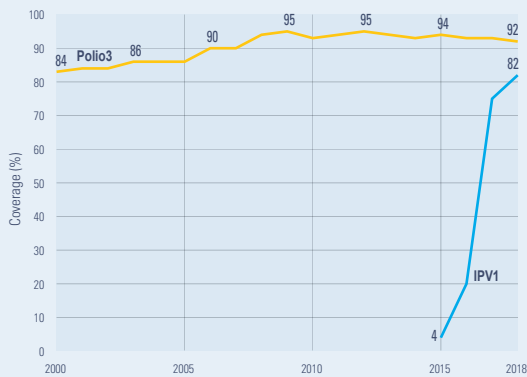
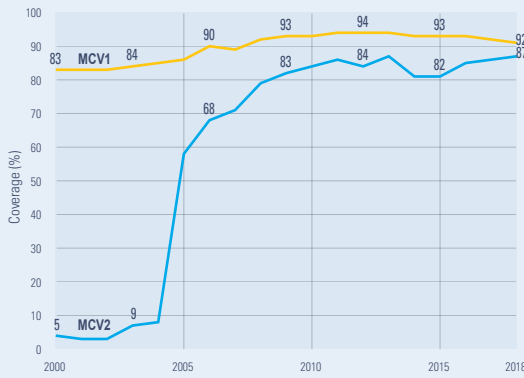
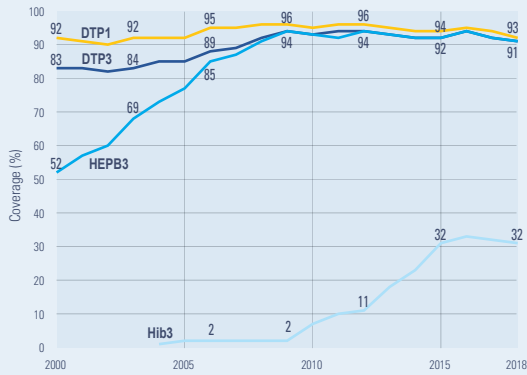
\* Achieved greater than 90% coverage for at least the past 3 consecutive years

**Note:** Please find the acronym definitions on page 3.

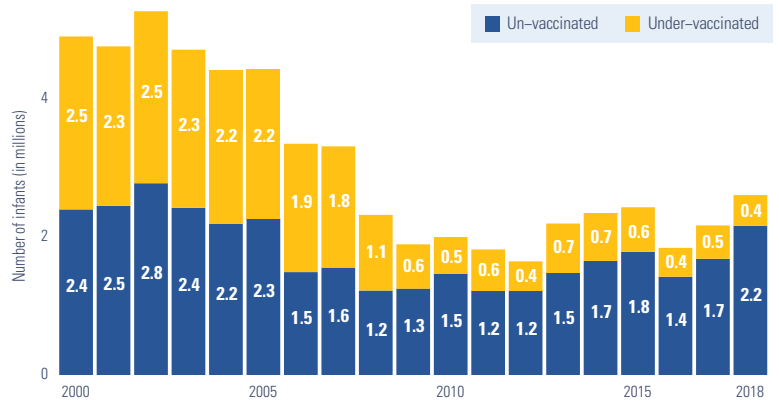
No data is available for Tokelau

	BCG	DTP1	DTP3	Polio3	MCV1	MCV2	HepB3	Hib3	Rota	PCV3	HPV
Brunei Darussalam	99	99	99*	99	99	98*	99	99	-	-	89
Cambodia	93	94	92*	90	84	70	92	92	-	84	-
China	99	99	99*	99	99	99*	99	-	-	-	-
Cook Islands	99	99	99*	99	99	99*	99	99	-	-	99
Democratic People's Republic of Korea	96	99	97*	99	98	99	97	97	-	-	-
Fiji	99	99	99*	99	94	94	99	99	99	99*	46
Indonesia	81	85	79	80	75	67	79	79	-	8	-
Kiribati	89	98	95	93	84	79	95	95	97	94	-
Lao People's Democratic Republic	79	73	68	67	69	57	68	68	-	56	-
Malaysia	98	99	99*	99	96	99*	99	99	-	-	83
Marshall Islands	98	97	81	80	83	61	84	72	42	67	28
Micronesia (Federated States of)	80	97	75	75	73	48	83	59	52	67	60
Mongolia	99	99	99*	99	99	98*	99	99	-	26	-
Myanmar	90	95	91	91	93	87	91	91	-	91	-
Nauru	99	99	90	90	99	94*	90	90	-	-	-
Niue	99	99	99*	99	99	99*	99	99	99	99*	-
Palau	-	99	95*	98	90	75	98	92	93	89	47
Papua New Guinea	69	67	61	67	61	-	61	61	-	43	-
Philippines	75	66	65	66	67	40	65	65	-	43	-
Republic of Korea	98	98	98*	98	98	97	98	98	-	97*	62
Samoa	62	56	34	31	31	13	34	34	-	-	-
Singapore	98	98	96*	96	95	84	96	96	-	82	-
Solomon Islands	83	86	85	85	93	54	85	85	-	84	-
Thailand	99	99	97*	97	96	87	97	-	-	-	-
Timor-Leste	95	92	83	83	77	54	83	83	-	-	-
Tonga	88	86	81	83	85	85	81	81	-	-	-
Tuvalu	99	99	89	89	88	81	89	89	-	-	-
Vanuatu	94	93	85	85	75	-	85	85	-	-	-
Viet Nam	95	78	75	90	97	90*	75	75	-	-	-

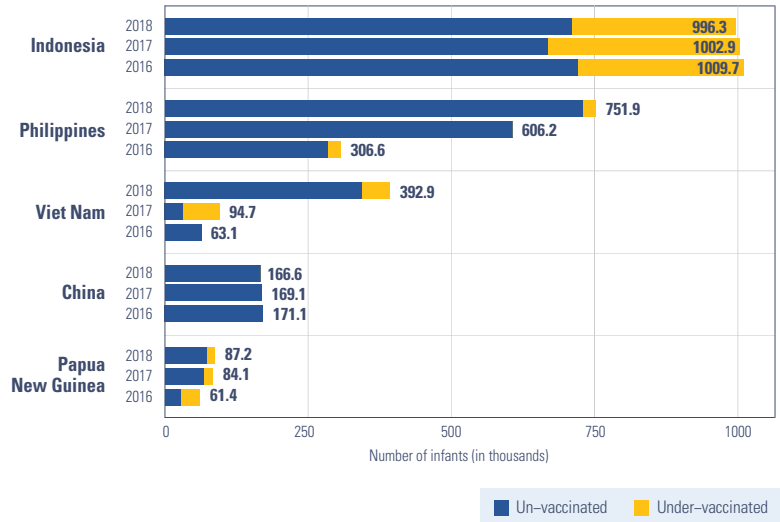
Regional Vaccination Trends, 2000–2018



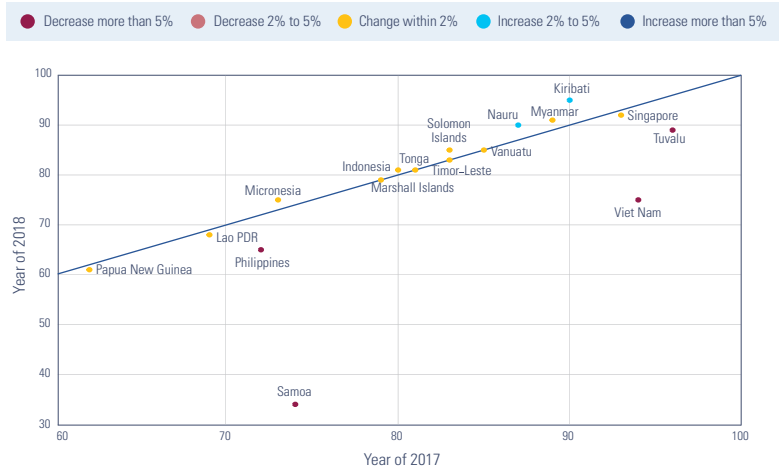
Number of infants in the region not vaccinated for DTP1 (un-vaccinated) and DTP3 (under-vaccinated), 2000–2018



Top 5 countries with the most infants not vaccinated for DTP1 (un-vaccinated) and DTP3 (under-vaccinated), 2016–2018



DTP3 coverage change from 2017 to 2018, by country



Note: Countries have coverage higher than or equal to 95% and change within 2% were: Brunei Darussalam, China, Cook Islands, Democratic People's Republic of Korea, Fiji, Malaysia, Mongolia, Niue, Palau, Republic of Korea, Singapore, and Thailand.

## 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 that received all three doses of diphtheria, tetanus, and pertussis (DTP) vaccine.

**Un-vaccinated:** An infant that did not receive any vaccine. In this regional profile, un-vaccinated is defined as an infant that did not receive any DTP vaccine (not vaccinated for DTP1).

**Under-vaccinated:** An infant that received some but not all the recommended vaccine-doses on the national schedule. In this regional profile, under-vaccinated is defined in relation to the DTP vaccination series not the entire national immunization schedule.

### Vaccine-Doses:

- Bacillus Calmette-Guerin (BCG): vaccine against tuberculosis.
- 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)
- Poliomyelitis vaccine, third dose (Polio3)
- Measles containing vaccine, first dose (MCV1) and second dose (MCV2)
- Rotavirus vaccine, last dose (Rota)
- Pneumococcal vaccine, third dose (PCV3)
- Human Papillomavirus vaccine, last dose (HPV): vaccine to protect against certain types of human papillomavirus that can lead to cancer or genital warts.

## Interpretation of graphs

The **bi-scale map** shows both the level of coverage and the total number of infants not vaccinated for DTP3.

- Less than 80% coverage and ranked in the group of countries with the most number of under-vaccinated infants within the region.
- 80% to 89% coverage and ranked in the group of countries with the most number of under-vaccinated infants within the region.
- Greater than or equal to 90% coverage and ranked in the group of countries with the most number of under-vaccinated infants within the region.
- Less than 80% coverage and ranked in the middle group of countries in terms of number of under-vaccinated infants within the region.
- 80% to 89% coverage and ranked in the middle group of countries in terms of number of under-vaccinated infants within the region.
- Greater than or equal to 90% coverage and ranked in the middle group of countries in terms of number of under-vaccinated infants within the region.
- Less than 80% coverage and ranked in the group of countries with the least number of under-vaccinated infants within the region.
- 80% to 89% coverage and ranked in the group of countries with the least number of under-vaccinated infants within the region.
- Greater than or equal to 90% coverage and ranked in the group of countries with the least number of under-vaccinated infants within the region.

The **DTP3 coverage change from 2017 to 2018 scatter plot** shows the change in DTP3 coverage between 2017 and 2018. Countries that experienced more than 5 percentage point drop in coverage since the previous year are labelled in dark red. Similarly, countries that experienced more than 5 percentage point increase in coverage since the previous year are labelled in dark blue. Countries with no significant changes (less than 2 percentage points) are labelled in yellow.

## GRISP: Global Routine Immunization Strategies and Practices Coordinating Actions to Achieve Disease Prevention for All

The GRISP framework outlines the specific strategies and activities required to ensure the lifesaving power of routine immunization is accessible to all—regardless of who they are or where they live. It breaks down into the following nine areas:

