



### More than 4 million still not fully vaccinated

In 2018, **4.5 out of 33.9 million** surviving infants in the region did not receive the three recommended doses of DTP3 vaccine



### Half of the countries reached and maintained 90% coverage

**4 out of 8 countries** in the region reached and sustained the target coverage of 90% or above for DTP3 for the past three years

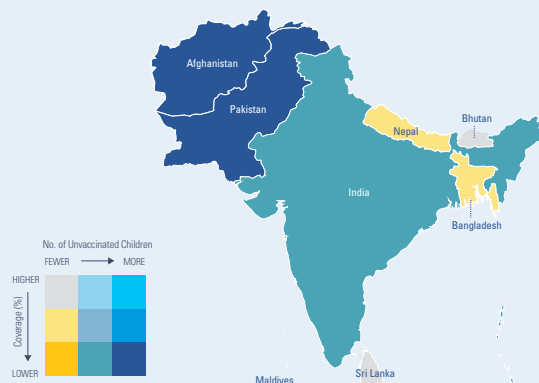


### Measles regional coverage below the global target

In 2018, the **regional coverage of MCV1 was 87%** compared to the global target of 95%

### Coverage and number of infants not vaccinated for DTP3 by country, 2018

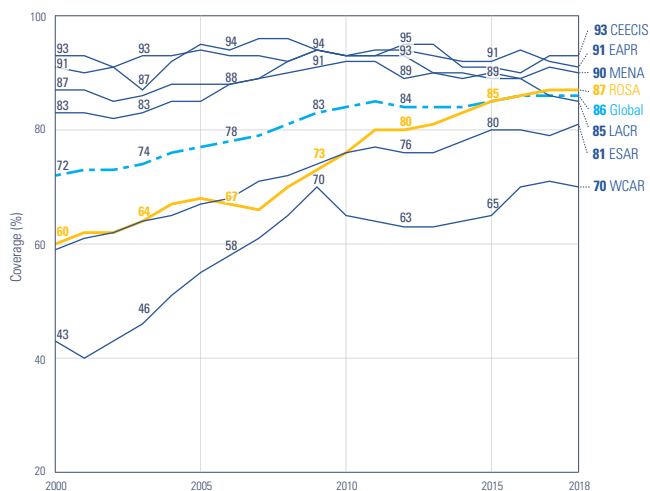
Countries with dark blue color, Afghanistan and Pakistan, have the lowest coverages and the highest number of infants not vaccinated for DTP3.



**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.

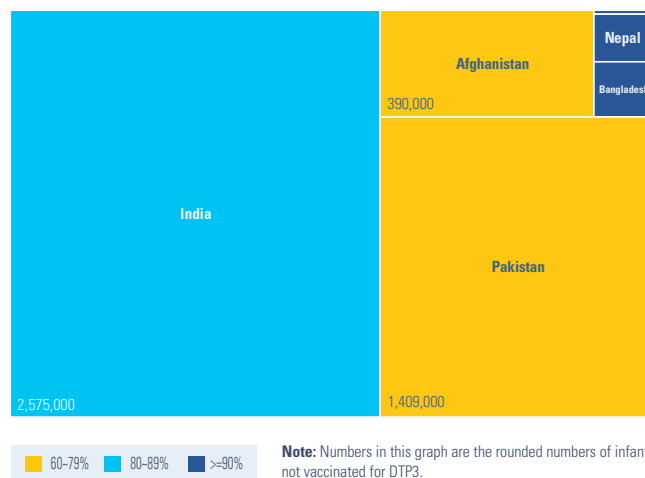
### Global and regional coverage of DTP3, 2000–2018

In 2018, the regional coverage of DTP3 was 87%, compared to global average of 86%.



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

India, with 2.5 million infants not vaccinated for DTP3, accounted for 57 per cent of the total ROSA un- and under-vaccinated surviving infants.



**Note:** Numbers in this graph are the rounded numbers of infants not vaccinated for DTP3.

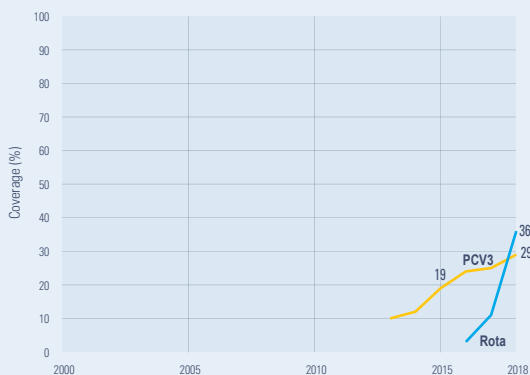
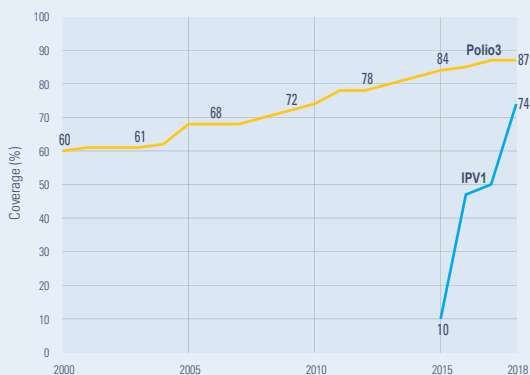
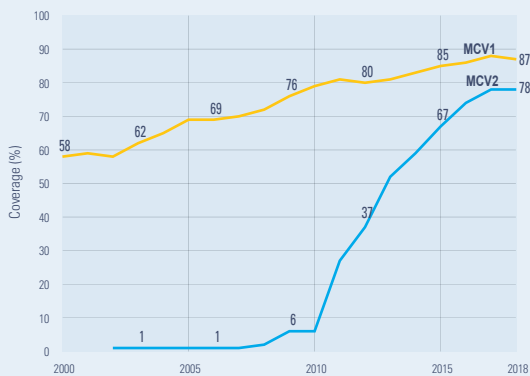
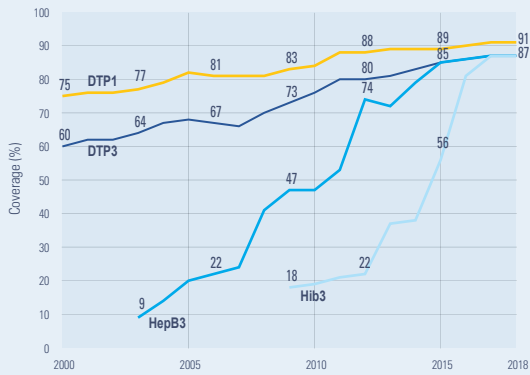
### Vaccination coverage by country, 2018

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

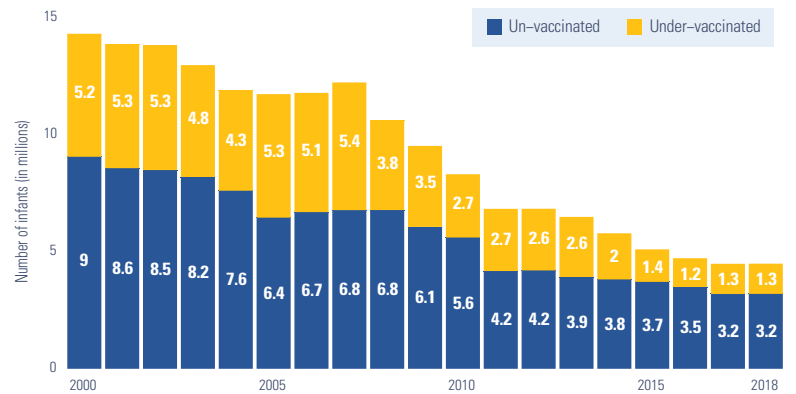
**Note:** Please find the acronym definitions on page 3.

	BCG	DTP1	DTP3	Polio3	MCV1	MCV2	HepB3	Hib3	Rota	PCV3	HPV
Afghanistan	78	73	66	73	64	39	66	66	60	65	–
Bangladesh	99	99	98*	98	97	93*	98	98	–	97*	–
Bhutan	99	98	97*	97	97	91*	97	97	–	–	90
India	92	92	89	89	90	80	89	89	35	6	–
Maldives	99	99	99*	99	99	99*	99	99	–	–	–
Nepal	96	96	91	91	91	69	91	91	–	82	–
Pakistan	86	83	75	75	76	67	75	75	58	79	–
Sri Lanka	99	99	99*	99	99	99*	99	99	–	–	67

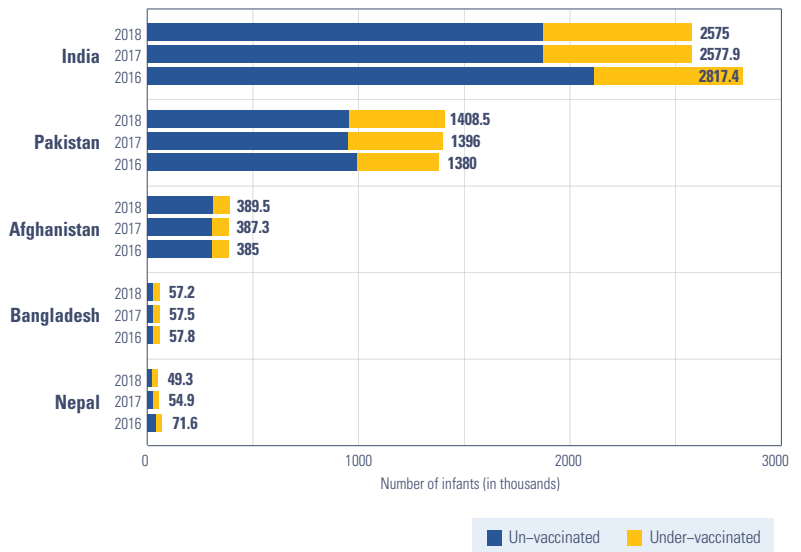
### Regional Vaccination Trends, 2000-2018



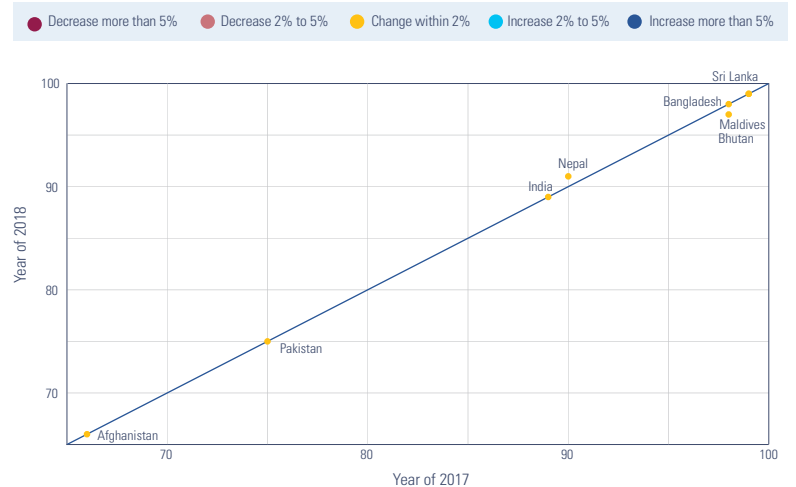
### Number of infants in the region not vaccinated for DTP1 (un-vaccinated) and DTP3 (under-vaccinated), 2000-2018



### 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



## 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:

