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

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

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

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.
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, Nauru, 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 (Poli3)
- 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: