In 2018, 5.5 out of 18.5 million surviving infants in the region did not receive the three recommended doses of DTP vaccine.

Countries with dark blue color, i.e. Cameroon, Chad, Guinea, Mali, Niger, and Nigeria, have lowest coverage levels and highest number of infants not vaccinated for DTP3. Gabon, with sky blue color, has low coverage with a small number of infants not vaccinated for DTP3 due to the cohort sizes. Cabo Verde, Gambia, Ghana, Sao Tome and Principe, and Sierra Leone have high DTP3 vaccination coverage and small numbers of unvaccinated infants.

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 70%, which is the lowest amongst all UNICEF regions, and 16 percentage points lower than the global average of 86%.

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

Nigeria, with 3 million infants not vaccinated for DTP3, accounted for 54 per cent of the total WCAR un- and under-vaccinated surviving infants.

Vaccination Coverage by country, 2018

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

** Countries did not include YFV on their national schedule: Cabo Verde and Mauritania.

Note: Please find the acronym definitions on page 3.
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.
- Yellow Fever vaccine (YFV)

**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:

**Operational level funding**
Assurance that sufficient and adequately appropriated funds reach the operational level of the programme regularly

**Modern vaccine supply chain**
Modernized vaccine supply chains and management to ensure the correct amounts of the right potent vaccines are available at each vaccination session

**Strategic and operational plans**
Strategic multiyear plans and operational annual plans outlining and coordinating strategies and activities, monitored quarterly

**Accurate information system**
An information system that identifies and tracks each person's vaccination status

**Strategies to reach**
Tailored strategies that identify under-vaccinated and unvaccinated persons and regularly provide them with the vaccines they need

**Life course vaccination**
Expanded routine immunization schedules that cover people's entire lives

**National team**
The most important factor for all other eight investments to succeed: A capable national team—supplied with sufficient resources and authority—to excellently manage each country's national immunization program

**Community support**
Shared responsibility for immunization delivery between communities and the immunization programme to reach uniformly high coverage through high demand and quality services

**Vaccinator and manager skills**
Regular and systematic capacity building, skills development and supportive supervision for vaccinators and district managers

https://www.who.int/immunization/programmes_systems/policies_strategies/GRISP_infographic_EN.pdf?ua=1