NATIONAL IMMUNIZATION COVERAGE SCORECARDS ESTIMATES FOR 2016
GLOBAL IMMUNIZATION COVERAGE IN 2016

In May 2012, the Sixty-fifth World Health Assembly endorsed the Global Vaccine Action Plan (GVAP) for the “Decade of Vaccines (2011-2020) with the objective of preventing millions of deaths by 2020 through more equitable access to existing vaccines for people in all communities.

One of the goals for the Decade of Vaccines is that all the countries reach 90% national coverage with the three doses of diphtheria-tetanus-pertussis-containing vaccines (DTP3) by 2015 and for all vaccines included in the national immunization programme by 2020.

Since 2010, the percentage of children who received their full course of routine immunizations has stalled globally at 86% (116.5 million infants). This falls short of the global immunization coverage target of 90%. Between 2015 and 2016, only a few countries showed significant changes for DTP3 coverage (Figure 1).

Figure 1A and 1B: Significant DTP3 coverage variations between 2015 and 2016 with 6 points or more increase (1A) or decrease (1B), in percent

In this document, the annual national coverage estimates are presented for all the vaccines included in respective national programmes for all the countries during the period 2000 to 2016. The source of data is the WHO UNICEF Estimates of National Immunization Coverage (WUENC)\(^1\).

The size of the circle indicates the coverage level and its colour indicates progression towards the 90% target, with the green colour indicating that it has been reached or exceeded. A blank means either vaccine not introduced or coverage not estimated (see legend below).

\(^1\) http://www.who.int/immunization/monitoring_surveillance/data/en/
Coverage

Vaccines

<table>
<thead>
<tr>
<th>Vaccines</th>
<th>Description</th>
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<tbody>
<tr>
<td>BCG</td>
<td>Bacille Calmette Guérin vaccine</td>
</tr>
<tr>
<td>DTP1</td>
<td>First dose of diphtheria toxoid, tetanus toxoid and pertussis vaccine</td>
</tr>
<tr>
<td>HepB3</td>
<td>Third dose of Hepatitis B vaccine</td>
</tr>
<tr>
<td>Pol3</td>
<td>Third dose of Poliomyelitis vaccine</td>
</tr>
<tr>
<td>Rotac</td>
<td>Rotavirus last dose</td>
</tr>
<tr>
<td>Mcv1</td>
<td>First dose of Measles-containing vaccine</td>
</tr>
<tr>
<td>HepBb</td>
<td>Hepatitis B birth dose</td>
</tr>
<tr>
<td>DTP3</td>
<td>Third dose of Diphtheria toxoid, Tetanus toxoid and Pertussis vaccine</td>
</tr>
<tr>
<td>Hib3</td>
<td>Third dose of Haemophilus influenzae type B vaccine</td>
</tr>
<tr>
<td>PCV3</td>
<td>Third dose of Pneumococcal Conjugate Vaccine</td>
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<td>Rcv1</td>
<td>First dose of Rubella Containing vaccine</td>
</tr>
<tr>
<td>Mcv2</td>
<td>Second dose of Measles-containing vaccine</td>
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</table>

The graphic allows you to visualize coverage trends over time, the timing of introduction of new vaccines, drop-out between first and last doses of some vaccines, and difference in coverage rates between different vaccines. Figure 2 describes the global situation.

**Figure 2**: Global vaccine coverage rates detailed by vaccine

Global

<table>
<thead>
<tr>
<th>Year</th>
<th>BCG</th>
<th>HepBb</th>
<th>DTP1</th>
<th>DTP3</th>
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<th>Hib3</th>
<th>Pol3</th>
<th>PCV3</th>
<th>Rotac</th>
<th>Rcv1</th>
<th>Mcv1</th>
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In 2016, 130 of the 194 WHO Member States have achieved at least 90% coverage for DTP3 at the national level and 102 of them sustained this level of coverage since 2010.

Eight countries had less than 50% coverage with DTP3 in 2016, including Central African Republic, Chad, Equatorial Guinea, Nigeria, Somalia, South Sudan, Syrian Arab Republic and Ukraine.

Globally, 85% of children have been vaccinated with the first dose of measles vaccine (MCV1) by their first birthday through routine health services, and 64% with a second dose. Nevertheless, coverage levels remain well short of those required to prevent outbreaks, avert preventable deaths and achieve regional measles elimination goals.

One hundred and fifty-two countries now use rubella vaccines and global coverage increased from 35% in 2010 to 47% in 2016. This is a big step towards reducing the occurrence of congenital rubella syndrome, a devastating condition that results in hearing impairment, congenital heart defects and blindness, among other life-long disabilities.

Global coverage of more recently-recommended vaccines is yet to reach 50%. These vaccines include vaccines against major killers of children such as rotavirus, a disease that causes severe childhood diarrhea, and pneumonia. Vaccination against both diseases has the potential to substantially reduce death in children under five years of age.

Note: Since 2000, WHO and UNICEF jointly produce national immunization coverage estimates for each of the 194 WHO Member States on an annual basis. In addition to producing the immunization coverage estimates for 2016, the WHO and UNICEF estimation process revises the entire historical series of immunization data with the latest available information. The 2016 revision covers 35 years from 1980 to 2016. The estimates are based on data and information available to WHO or UNICEF as of 15 July 2017.
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- Togo: BCG, HepBb, DTP1, HepB3, Hib3, Pol3, PCV3, Rotav, Rcv1, Mcv1, Mcv2
- Uganda: BCG, HepBb, DTP1, DTP3, HepB3, Hib3, Pol3, PCV3, Rotav, Rcv1, Mcv1, Mcv2
- United Republic of Tanzania: BCG, HepBb, DTP1, DTP3, HepB3, Hib3, Pol3, PCV3, Rotav, Rcv1, Mcv1, Mcv2
- Zambia: BCG, HepBb, DTP1, DTP3, HepB3, Hib3, Pol3, PCV3, Rotav, Rcv1, Mcv1, Mcv2
- Zimbabwe: BCG, HepBb, DTP1, DTP3, HepB3, Hib3, Pol3, PCV3, Rotav, Rcv1, Mcv1, Mcv2

![Image of a child receiving vaccination](image-url)
### REGION OF THE AMERICA
#### 2010-2016

<table>
<thead>
<tr>
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<th>2010</th>
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<td>HepBb</td>
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EASTERN MEDITERRANEAN REGION
2010-2016

Afghanistan
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Bahrain
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Djibouti
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Egypt
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Iran (Islamic Republic of)
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Iraq
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Jordan
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Kuwait
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Lebanon
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Libya
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Morocco
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

Oman
BCG  HepBb  DTP1  DTP3  HepB3  HbO  Pol3  PCV3  Rotac  Rcv1  Mcv1  Mcv2

0%  5%  10%  15%  20%  25%  30%  35%  40%  45%  50%  55%  60%  65%  70%  75%  80%  85%  90%  95%  100%
SOUTH-EAST ASIA REGION
2010-2016

Bangladesh
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Bhutan
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Democratic People’s Republic of Korea
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

India
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Indonesia
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Maldives
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Myanmar
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Nepal
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Sri Lanka
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Thailand
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

Timor-Leste
BCG
HepBb
DTP1
DTP3
Hib3
Pol3
PCV3
Rotac
Rcv1
Mcv1
Mcv2

0%  5%  10%  15%  20%  25%  30%  35%  40%  45%  50%  55%  60%  65%  70%  75%  80%  85%  90%  95%  100%
WESTERN PACIFIC REGION
2010-2016

Australia

Brunei Darussalam

Cambodia

China

Cook Islands

Fiji

Japan

Kiribati

Lao People’s Democratic Republic

Malaysia

Marshall Islands

Micronesia (Federated States of)

Western Pacific Region

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<td>HepBb</td>
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<td><strong>Lao People’s Democratic Republic</strong></td>
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