Global and Regional Immunization coverage with three doses of diphtheria, tetanus, and pertussis (DTP3) containing vaccines, 1980-2019, global coverage at 85% in 2019.

Immunization coverage with DTP3 containing vaccines in infants (from <50%), 2019
Countries sustaining ≥90% DTP3 coverage, 2017-2019


Map production: Immunization. Vaccines and Biologicals (IVB), World Health Organization (WHO)

Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

WHO, 2020. All rights reserved.
Coverage with DTP3 containing vaccines, by country income levels, 1980-2019


Income classification not available for: Cook Islands and Niue

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO). 194 WHO Member States. Date of slide: 15 July 2020.
Global Immunization DTP3 coverage, by income status*, 1980-2019

* World Bank list of economies (June 2020): Income classification not available for: Cook Islands and Niue

Number of countries reached and sustained 90% coverage with 3 doses of DTP containing vaccines since 2000, and global DTP3 coverage


Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).

WHO Member States. Date of slide: 15 July 2020.
19.7 million infants not immunized (DTP3), 2019

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 14 July 2020.
Top 10 countries with most under- and un-vaccinated children (DTP3), in 2019

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO). 194 WHO Member States. Date of slide: 14 July 2020.
Immunization coverage with 1st dose of measles containing vaccines (MCV1) in infants, 2019


Disclaimer:
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

World Health Organization, WHO, 2020. All rights reserved.
ARE WE ON TRACK TO REACH OUR GVAP COVERAGE GOALS?

Global Immunization 1980-2019 and projections to reach 90% global coverage goals in 2020 - MCV1 coverage

## Countries with most unvaccinated infants with measles containing vaccine in millions, (and 1\textsuperscript{st} dose coverage), 2019

<table>
<thead>
<tr>
<th>Country</th>
<th>Unvaccinated Infants (Millions)</th>
<th>Coverage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nigeria</td>
<td>3.26 (54%)</td>
<td></td>
</tr>
<tr>
<td>Ethiopia</td>
<td>1.45 (58%)</td>
<td></td>
</tr>
<tr>
<td>Democratic Republic of Congo</td>
<td>1.42 (57%)</td>
<td></td>
</tr>
<tr>
<td>Pakistan</td>
<td>1.42 (75%)</td>
<td></td>
</tr>
<tr>
<td>India</td>
<td>1.17 (95%)</td>
<td></td>
</tr>
<tr>
<td>Philippines</td>
<td>0.71 (67%)</td>
<td></td>
</tr>
<tr>
<td>Angola</td>
<td>0.59 (51%)</td>
<td></td>
</tr>
<tr>
<td>Mexico</td>
<td>0.59 (73%)</td>
<td></td>
</tr>
<tr>
<td>Indonesia</td>
<td>0.57 (88%)</td>
<td></td>
</tr>
<tr>
<td>Afghanistan</td>
<td>0.41 (64%)</td>
<td></td>
</tr>
</tbody>
</table>

116 million children vaccinated with 1 dose of measles containing vaccine, leaving an estimated 19.8 million unvaccinated.


Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).

194 WHO Member States. Date of slide: 14 July 2020.
Immunization coverage with 2nd dose of measles containing vaccines by administered schedule, 2019
Number of countries having introduced 2\textsuperscript{nd} dose of measles containing vaccines (MCV2) and global MCV2 coverage, 2000-2019

Source: WHO/UNICEF coverage estimates 2019 revision, July 2020, and WHO database, as at 01 July 2020.

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).

194 WHO Member States. Date of slide: 15 July 2020.
Immunization coverage with Rubella containing vaccines 1st dose* (RCV1) in infants, 2019

*coverage estimates for the 1st dose of rubella containing vaccines are based on WHO and UNICEF estimates of coverage of measles containing vaccines.
Number of countries having introduced Hepatitis B vaccine and global infant coverage for Hepatitis B 3rd dose (HepB3), 1989-2019


Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
Immunization coverage with HepB3 in infants, 2019
Pneumococcal and Rotavirus vaccine coverage by income status, 2006-2019

Pneumococcal vaccine introduced in 149* member states

Rotavirus vaccine introduced in 108** member states

Immunization coverage with Rotavirus vaccine in infants, 2019
Countries having introduced Hib vaccine in 1997 and 2019

Map production: Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO), 194 WHO Member States. Date of slide: 13 July 2020.
Polio Eradication Progress, 1988 – 2019

- Certified polio-free regions (126 countries)
- Endemic with wild poliovirus (3 countries)
- Not certified but non-endemic (65 countries)

Source: WHO/POLIO database, as of Dec 2019.
194 WHO Member States.
Progress in Polio Eradication, Estimated and Reported Polio Cases, 1985-2019

1988: WHA Resolution to Eradicate Polio
350,000 estimated cases

2000: Original Target Date for Interruption of Transmission
Reported cases: 2,971
Estimated cases: 3,500

1999: WHA Resolution to accelerate polio eradication activities

2019: Reported polio cases: 176

Source: WHO/POLIO database, as of Dec 2019.
194 WHO Member States.
Global coverage estimates, 1980-2019
BCG, DTP1, DTP3, Polio3, MCV1, HepB3 and Hib3

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 15 July 2020.
Global coverage estimates, 1980-2019
BCG, DTP1, DTP3, MCV1, MCV2, RCV1, HepB birth dose, HepB3, Hib3, Pol3, YFV, PCV3 and Rota (last dose)

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 15 July 2020.
Progress towards reaching 90% coverage for vaccines BCG, DTP1, DTP3, HepB birth dose, HepB3, Hib3, PCV3, IPV1, Rota (last dose), MCV1, MCV2, RCV1, YFV in 2019

<table>
<thead>
<tr>
<th></th>
<th>Global</th>
<th>AFR</th>
<th>AMR</th>
<th>EMR</th>
<th>EUR</th>
<th>SEAR</th>
<th>WPR</th>
</tr>
</thead>
<tbody>
<tr>
<td>bcg</td>
<td>88</td>
<td>80</td>
<td>83</td>
<td>87</td>
<td>92</td>
<td>93</td>
<td>96</td>
</tr>
<tr>
<td>dtp1</td>
<td>90</td>
<td>81</td>
<td>90</td>
<td>89</td>
<td>97</td>
<td>94</td>
<td>95</td>
</tr>
<tr>
<td>dtp3</td>
<td>85</td>
<td>74</td>
<td>84</td>
<td>82</td>
<td>95</td>
<td>91</td>
<td>94</td>
</tr>
<tr>
<td>hepbb</td>
<td>43</td>
<td>6</td>
<td>55</td>
<td>34</td>
<td>41</td>
<td>54</td>
<td>84</td>
</tr>
<tr>
<td>hep b3</td>
<td>85</td>
<td>73</td>
<td>81</td>
<td>82</td>
<td>92</td>
<td>91</td>
<td>94</td>
</tr>
<tr>
<td>hib3</td>
<td>72</td>
<td>73</td>
<td>85</td>
<td>82</td>
<td>79</td>
<td>89</td>
<td>24</td>
</tr>
<tr>
<td>pcv3</td>
<td>48</td>
<td>70</td>
<td>83</td>
<td>52</td>
<td>80</td>
<td>23</td>
<td>14</td>
</tr>
<tr>
<td>ipv1</td>
<td>82</td>
<td>71</td>
<td>86</td>
<td>83</td>
<td>95</td>
<td>83</td>
<td>90</td>
</tr>
<tr>
<td>pol3</td>
<td>86</td>
<td>74</td>
<td>87</td>
<td>83</td>
<td>95</td>
<td>90</td>
<td>94</td>
</tr>
<tr>
<td>rotac</td>
<td>39</td>
<td>50</td>
<td>74</td>
<td>49</td>
<td>25</td>
<td>37</td>
<td>2</td>
</tr>
<tr>
<td>mcv1</td>
<td>85</td>
<td>69</td>
<td>88</td>
<td>82</td>
<td>96</td>
<td>94</td>
<td>94</td>
</tr>
<tr>
<td>mcv2</td>
<td>71</td>
<td>33</td>
<td>75</td>
<td>75</td>
<td>91</td>
<td>83</td>
<td>91</td>
</tr>
<tr>
<td>mcv2 (by 2 yrs of age)</td>
<td>57</td>
<td>33</td>
<td>25</td>
<td>75</td>
<td>14</td>
<td>80</td>
<td>85</td>
</tr>
<tr>
<td>rcv1</td>
<td>71</td>
<td>33</td>
<td>88</td>
<td>45</td>
<td>96</td>
<td>93</td>
<td>94</td>
</tr>
<tr>
<td>yfv</td>
<td>46</td>
<td>45</td>
<td>60</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 15 July 2020.
Number of countries having introduced HPV vaccine, 2006-2019

2019 introductions: Côte d'Ivoire, Costa Rica, Dominica, Georgia, Gambia, Grenada, Kenya, Saint Kitts and Nevis, Liberia, Saint Lucia, Maldives, Malawi, Niue, Solomon Islands, Uzbekistan, Zambia

Source: WHO database as at 01 July 2020.
Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 15 July 2020.
Countries having introduced HPV vaccine in 2006 and 2019

**2006**
- 3 countries introduced

**2019**
- 106 countries introduced (3 countries partially introduced)

Source: WHO Database as at 01 July 2020.
Map production: Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO), 194 WHO Member States. Date of slide: 15 July 2020.