Progress Towards Global Immunization Goals - 2018

Summary presentation of key indicators

Updated July 2019
Global and Regional Immunization coverage with three doses of diphtheria, tetanus, and pertussis (DTP3) containing vaccines, 1980-2018, global coverage at 86% in 2018

Immunization coverage with DTP3 containing vaccines in infants (from <50%), 2018
Countries sustaining ≥90% DTP3 coverage, 2016-2018
Coverage with DTP3 containing vaccines, by country income levels, 1980-2018


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: 08 July 2019.
Global Immunization DTP3 coverage, by income status*, 1980-2018

* World Bank list of economies (June 2019): Income classification not available for: Cook Islands and Niue
194 WHO Member States. Date of slide: 08 July 2019.
Number of countries reached and sustained 90% coverage with 3 doses of DTP containing vaccines since 2000, and global DTP3 coverage

19.4 million infants not immunized (DTP3), 2018

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 04 July 2019.
Top 10 countries with most under- and un-vaccinated children (DTP3), in 2018

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 04 July 2019.
Immunization coverage with 1st dose of measles containing vaccines (MCV1) in infants, 2018

- <50% (6 countries or 3%)
- 50%-79% (29 countries or 15%)
- 80%-89% (41 countries or 21%)
- >=90% (118 countries or 61%)
- Not available
- Not applicable
ARE WE ON TRACK TO REACH OUR GVAP COVERAGE GOALS?

Global Immunization 1980-2018 and projections to reach 90% global coverage goals in 2020 - MCV1 coverage

### Countries with most unvaccinated infants with measles containing vaccine in millions, (and 1st dose coverage), 2018

<table>
<thead>
<tr>
<th>Country</th>
<th>Unvaccinated Infants</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nigeria</td>
<td>2.44 (65%)</td>
<td></td>
</tr>
<tr>
<td>India</td>
<td>2.34 (90%)</td>
<td></td>
</tr>
<tr>
<td>Pakistan</td>
<td>1.35 (76%)</td>
<td></td>
</tr>
<tr>
<td>Ethiopia</td>
<td>1.33 (61%)</td>
<td></td>
</tr>
<tr>
<td>Indonesia</td>
<td>1.19 (75%)</td>
<td></td>
</tr>
<tr>
<td>Philippines</td>
<td>0.71 (67%)</td>
<td></td>
</tr>
<tr>
<td>Democratic Republic of the Congo</td>
<td>0.65 (80%)</td>
<td></td>
</tr>
<tr>
<td>Angola</td>
<td>0.59 (50%)</td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
<td>0.46 (84%)</td>
<td></td>
</tr>
<tr>
<td>Afghanistan</td>
<td>0.41 (64%)</td>
<td></td>
</tr>
</tbody>
</table>

116.6 million children vaccinated with 1 dose of measles containing vaccine, leaving an estimated 19.2 million unvaccinated


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

194 WHO Member States. Date of slide: 04 July 2019.
Immunization coverage with 2\textsuperscript{nd} dose of measles containing vaccines by administered schedule, 2018

- <50% (13 countries or 7%)
- 50%-79% (38 countries or 20%)
- 80%-89% (37 countries or 19%)
- 90%-94% (28 countries or 14%)
- >=95% (53 countries or 27%)
- 2nd dose of measles containing vaccines in schedule but no coverage data available (2 countries or 1%)
- Not available/Not introduced (23 countries or 12%)
- Not applicable

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 be full agreement.

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UNICEF

World Health Organization
Number of countries having introduced 2\textsuperscript{nd} dose of measles containing vaccines (MCV2) and global MCV2 coverage, 2000-2018


194 WHO Member States. Date of slide: 08 July 2019.
Immunization coverage with Rubella containing vaccines 1st dose* (RCV1) in infants, 2018

*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), 1989-2018

194 WHO Member States. Date of slide: 08 July 2019.
Immunization coverage with HepB3 in infants, 2018
Pneumococcal and Rotavirus vaccine coverage by income status, 2006-2018

Pneumococcal vaccine introduced in 145* member states

Rotavirus vaccine introduced in 101** member states

*partial introduction for 5 countries
**partial introduction for 4 countries

Immunization coverage with Pneumococcal Conjugate Vaccine 3\textsuperscript{rd} dose (PCV3) in infants, 2018
Immunization coverage with Rotavirus vaccine in infants, 2018
Countries having introduced Hib vaccine in 1997 and 2018

Map production: Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO),
194 WHO Member States. Date of slide: 08 July 2019.
Polio Eradication Progress, 1988 – 2018

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

Source: WHO/POLIO database, as of Dec 2018.
194 WHO Member States.

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 lines on maps represent approximate border lines for which there may not yet be full agreement. © WHO 2019. All rights reserved.
Progress in Polio Eradication, Estimated and Reported Polio Cases, 1985-2018

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

2018: Reported polio cases: 33

Source: WHO/POLIO database, as of Dec 2018.
194 WHO Member States.
Global coverage estimates, 1980-2018
BCG, DTP1, DTP3, Polio3, MCV1, HepB3 and Hib3

Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 08 July 2019.
Global coverage estimates, 1980-2018
BCG, DTP1, DTP3, MCV1, MCV2, RCV1, HepB birth dose, HepB3, Hib3, Pol3, YFV, PCV3 and Rota (last dose)

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 2018

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Global</th>
<th>AFR</th>
<th>AMR</th>
<th>EMR</th>
<th>EUR</th>
<th>SEAR</th>
<th>WPR</th>
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<tr>
<td>BCG</td>
<td>89</td>
<td>80</td>
<td>91</td>
<td>87</td>
<td>93</td>
<td>91</td>
<td>96</td>
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<tr>
<td>DTP1</td>
<td>90</td>
<td>84</td>
<td>92</td>
<td>87</td>
<td>97</td>
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<td>94</td>
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<tr>
<td>DTP3</td>
<td>86</td>
<td>76</td>
<td>87</td>
<td>82</td>
<td>94</td>
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<td>93</td>
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<td>HepB birth dose</td>
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<td>68</td>
<td>33</td>
<td>39</td>
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<td>HepB3</td>
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<td>81</td>
<td>82</td>
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<td>Hib3</td>
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<td>PCV3</td>
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<td>53</td>
<td>78</td>
<td>17</td>
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<td>Rotac</td>
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<td>73</td>
<td>47</td>
<td>25</td>
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<td>1</td>
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<tr>
<td>MCV1</td>
<td>86</td>
<td>74</td>
<td>90</td>
<td>82</td>
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<td>89</td>
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<td>MCV2</td>
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<td>74</td>
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<td>MCV2 (by 2 yrs of age)</td>
<td>54</td>
<td>23</td>
<td>49</td>
<td>74</td>
<td>14</td>
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<td>RCV1</td>
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<td>YFV</td>
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<td>51</td>
<td>54</td>
<td>0</td>
<td>95</td>
<td>83</td>
<td>94</td>
</tr>
</tbody>
</table>

Number of countries having introduced HPV vaccine, 2006-2018

Source: WHO Database as at 01 July 2019.
Immunization Vaccines and Biologicals, (IVB), World Health Organization (WHO).
194 WHO Member States. Date of slide: 08 July 2019.
Countries having introduced HPV vaccine in 2006 and 2018

2006
- 3 countries introduced

2018
- 90 countries introduced
  (3 countries partially introduced)

Source: WHO Database as at 01 July 2019.
Map production: Immunization Vaccines and Biologicals (IVB), World Health Organization (WHO), 194 WHO Member States. Date of slide: 08 July 2019.