Calculating Coverage for NTDs: Types of coverage

Each type of coverage below should be calculated by disease, where endemic.

### Geographical coverage

**How close am I to full scale-up?**

**Equation:**

\[
\text{Number of IU's where PC is implemented} \times 100 \div \text{Number of IUs where PC is required} = \text{Geographical coverage} \times 100
\]

- PC not required
- PC required but not implemented
- PC required and implemented

### Epidemiological coverage

**Have I made progress towards my control/elimination goals at IU level?**

**Equation:**

\[
\text{Number of individuals ingesting the PC medicines at IU level} \times 100 \div \text{Population living in IU where PC is implemented} = \text{Epidemiological coverage} \times 100
\]

- PC required and implemented

### National coverage

**Have I made progress towards my control/elimination goals at national level?**

**Equation:**

\[
\text{Number of individuals ingesting the PC medicines in an endemic country} \times 100 \div \text{Population living in all IUs where PC is required} = \text{National coverage} \times 100
\]

- PC not required
- PC required but not implemented
- PC required and implemented

### Programme coverage

**Did the program reach its targeted population?**

**Equation:**

\[
\text{Number of individuals ingesting the PC medicines} \times 100 \div \text{Eligible population targeted for treatment in IU where PC is implemented} = \text{Programme coverage} \times 100
\]

- PC required and implemented

### Abbreviations and definitions

- PC: preventive chemotherapy
- IU: implementing unit; a defined administrative unit (e.g., district), where a PC intervention takes place
- Eligibility varies by drug. See reverse side of this job aid for drug-specific eligibility.

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## Coverage targets by disease

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>TARGET</th>
<th>EFFORT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF</td>
<td>&gt;65% epidemiological coverage</td>
<td>Geographical</td>
<td>All except pregnant women, lactating women in first week after birth, children under 90 cm in height/15 kg body weight/ &lt;5yrs, and severely ill.</td>
</tr>
<tr>
<td>Trachoma</td>
<td>&gt;80% epidemiological coverage</td>
<td>Programme</td>
<td>All except pregnant women, children &lt;2 years, and severely ill.</td>
</tr>
<tr>
<td>Oncho</td>
<td>&gt;65% epidemiological coverage (for control)</td>
<td>Programme</td>
<td>School age children &gt;4yr/ 94 cm in height. Adults considered at risk, from special groups to entire communities in endemic areas.</td>
</tr>
<tr>
<td>Schisto</td>
<td>&gt;75% epidemiological coverage of school-aged children (SAC)</td>
<td>Programme</td>
<td>School age children &gt;4yr/ 94 cm in height. Adults considered at risk, from special groups to entire communities in endemic areas, except women in first trimester of pregnancy.</td>
</tr>
<tr>
<td>STH</td>
<td>&gt;75% epidemiological coverage of school-aged children (SAC)</td>
<td>Programme</td>
<td>School age children &gt;4yr/ 94 cm in height. Adults considered at risk, from special groups to entire communities in endemic areas, except women in first trimester of pregnancy.</td>
</tr>
</tbody>
</table>

## Eligible for treatment by drug and disease

<table>
<thead>
<tr>
<th>DRUG</th>
<th>TARGETED DISEASE(S)</th>
<th>ELIGIBLE POPULATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>IVM+ALB</td>
<td>LF STH Oncho</td>
<td>All except pregnant women, lactating women in first week after birth, children under 90 cm in height/15 kg body weight/ &lt;5yrs, and severely ill.</td>
</tr>
<tr>
<td>DEC+ALB</td>
<td>LF STH</td>
<td>All except pregnant women, children &lt;2 years, and severely ill.</td>
</tr>
<tr>
<td>PZQ</td>
<td>Schisto</td>
<td>School age children &gt;4yr/ 94 cm in height. Adults considered at risk, from special groups to entire communities in endemic areas.</td>
</tr>
<tr>
<td>PZQ+ALB</td>
<td>Schisto STH</td>
<td>School age children &gt;4yr/ 94 cm in height. Adults considered at risk, from special groups to entire communities in endemic areas, except women in first trimester of pregnancy.</td>
</tr>
<tr>
<td>ALB / MBD</td>
<td>STH</td>
<td>Pre-school and school-age children &gt;1 year, women of childbearing age (except pregnant women in first trimester), adults in high risk occupations.</td>
</tr>
<tr>
<td>Azithromycin</td>
<td>Trachoma</td>
<td>All ≥ 6 months</td>
</tr>
<tr>
<td>Tetracycline eye ointment</td>
<td>Trachoma</td>
<td>&lt;6 months</td>
</tr>
</tbody>
</table>