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Background and Problem Statement

- Adolescents (15-19 years) make up 25% of the global population, yet are often excluded from health programs.
- 60% of adolescents sought care outside the public sector.
- MTCT intervention is essential for adolescents.

Aim

To quantify early MTCT amongst adolescents in SA where HIV prevalence is high and early MTCT services are being provided.

Methods

**Study Design**
- Target sample size 10 000 babies for national and provincial surveys.
- Sample size varied 4,6 5,1 4,6.

**Data Sources**
- PMTCT volunteers in processing care and support services.
- NDoH MCH/NHS/SCQ.

**Sample Characteristics**
- Data from 2010 and 2012 adolescents were analysed.
- Adolescents were included if they were births to women aged ≥15 years.

Results

**Table 3: Coverage of PMTCT services amongst mothers - 2010, 2011, 2012**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infants</td>
<td>43.4</td>
<td>66.8</td>
<td>22.5</td>
</tr>
<tr>
<td>Eligible</td>
<td>46.8</td>
<td>49.3</td>
<td>27.5</td>
</tr>
<tr>
<td>MTCT intervention</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Gestation &gt;20 weeks</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>HIV-positive pregnant</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Received PMTCT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Reported PMTCT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Received TNC</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>HIV-positive infant</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Early MTCT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Early MTCT intervention</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Figure 1** Early MTCT amongst adolescents (15-19) compared to adults (≥20)

**Summary and Conclusions**

- Adolescents need more equitable access to MTCT services.
- Early MTCT intervention is crucial for adolescents.
- Adolescents are at risk of MTCT.

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- UNICEF.

**Figure 1**

Early MTCT intervention amongst adolescents (15-19) compared to adults (≥20). Early MTCT intervention amongst adolescents (15-19) compared to adults (≥20).