Towards the elimination of new HIV infections among children

Working Together to Catalyze and Support a Prevention Revolution

Presented by
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Why PMTCT?

- 90% of children get HIV from mothers during pregnancy, childbirth and breastfeeding
- HIV infection is more aggressive among children than adults; without intervention, half die by 2 yrs
- In highly-endemic areas, children present for care much later, as late as ages 5-6 years
- Mortality for children born to HIV+ mothers higher than children born to HIV- mothers even if the child is HIV-.
- Elimination of MTCT is feasible; it is the ultimate value for money.
### State of the AIDS epidemic, 2009

#### Number of people living with HIV

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adults</td>
<td>30.8 million</td>
<td>[29.2 million – 32.6 million]</td>
</tr>
<tr>
<td>Women</td>
<td>15.9 million</td>
<td>[14.8 million – 17.2 million]</td>
</tr>
<tr>
<td>Children (&lt;15 years)</td>
<td>2.5 million</td>
<td>[1.6 million – 3.4 million]</td>
</tr>
</tbody>
</table>

#### People newly infected with HIV

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Adults</td>
<td>2.2 million</td>
<td>[2.0 million – 2.4 million]</td>
</tr>
<tr>
<td>Children (&lt;15 years)</td>
<td>370 000</td>
<td>[230 000 – 510 000]</td>
</tr>
</tbody>
</table>

#### AIDS deaths

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adults</td>
<td>1.6 million</td>
<td>[1.4 million – 1.8 million]</td>
</tr>
<tr>
<td>Children (&lt;15 years)</td>
<td>260 000</td>
<td>[150 000 – 360 000]</td>
</tr>
</tbody>
</table>
Number of children who contracted HIV, 2001 vs 2009

- 2001: 500,000
- 2009: 370,000
Full PMTCT: A range of services

Prevention of mother-to-child transmission of HIV (PMTCT) comprises of a package of interventions summarized as 4 prongs, which must be implemented simultaneously. They are:

- **Prong 1:** Prevent HIV among women of reproductive age
- **Prong 2:** Prevent unintended pregnancies among women living with HIV
- **Prong 3:** Prevent HIV transmission from women living with HIV to their infants using ARV prophylaxis, and
- **Prong 4:** Provide appropriate treatment, care and support to mothers living with HIV, their children, partners, and families
A car needs all four tyres
MTCT-Free Zones: Four turbo tyres
Prong 1: Percent of male partners who received counseling and testing, 2008

- Need stronger male involvement and couple counseling programs

Global (57 countries)

Rwanda

Percent ART Coverage, Adults and Children, 2009

- Nigeria
- Zimbabwe
- Tanzania
- Uganda
- Swaziland
- South Africa
- Senegal
- Rwanda
- Namibia
- Mali
- Malawi
- Kenya
- Ghana
- Ethiopia
- Cote d'Ivoire
- Benin
- Botswana
- Angola

Percent

Children

Adults
The Global Task Team for the elimination of new HIV infections among children by 2015 and keeping their mothers alive.

Johannesburg May 6-7, 2011
Thank you