90-90-90 FOR CHILDREN WILL CLOSE THE TREATMENT GAP

Children living with HIV

TODAY

Tested children

Children on ART

Children reaching viral suppression

90-90-90
PAEDIATRIC ANTIRETROVIRAL COVERAGE VARIES BY REGION

- **WESTERN EUROPE AND NORTH AMERICA**: 100%
- **MIDDLE EAST AND NORTH AFRICA**: 11%
- **ASIA AND PACIFIC**: 32%
- **SUB-SAHARAN AFRICA**: 22%
- **LATIN AMERICA**: 64%
- **CARIBBEAN**: 24%

Number of children on ART
- **WESTERN EUROPE AND NORTH AMERICA**: 15,700
- **MIDDLE EAST AND NORTH AFRICA**: 1,700
- **ASIA AND PACIFIC**: 210,000
- **SUB-SAHARAN AFRICA**: 2,905,000
- **LATIN AMERICA**: 35,000
- **CARIBBEAN**: 17,000

Number of children living with HIV
- **WESTERN EUROPE AND NORTH AMERICA**: 631,000
- **MIDDLE EAST AND NORTH AFRICA**: 6,800
- **ASIA AND PACIFIC**: 210,000
- **SUB-SAHARAN AFRICA**: 631,000
- **LATIN AMERICA**: 22,600
- **CARIBBEAN**: 4,100

Source: UNAIDS 2013
WHO ARE THE CHILDREN?
SIGNIFICANT DATA GAPS ABOUT CHILDREN LIVING WITH HIV

- Gender
- Age
- Wealth

- <1 Year
- 1-4 Years
- 5-9 Years
- 10-14 Years
- 15-19 Years
LEAKY CASCADE REQUIRES INNOVATIVE SOLUTIONS

Number of children 18 months-14 years old on treatment in Kenya

- TOTAL HIV POSITIVE
  - KNOWN HIV POSITIVE
  - REMAIN ON ART
  - REACHING VIRAL SUPPRESSION
INNOVATIONS TO CLOSE THE GAP IN ACCESS TO TREATMENT

- INCREASE AWARENESS OF PAEDIATRIC AIDS IN HEALTH CARE SETTINGS
- FAMILY CENTRED CARE
- CHILD HEALTH SERVICES CLOSER TO HOME
- SECURE SUPPLY CHAIN MANAGEMENT
  - MAKE FORMULATIONS CHILD FRIENDLY
  - IMPROVED INFANT DIAGNOSIS
  - PRIMARY PREVENTION OF NEW HIV INFECTIONS AMONG CHILDREN
  - REDUCE STIGMA AND DISCRIMINATION
CHILDREN LIVING WITH HIV ARE BEING DIAGNOSED AT MULTIPLE SERVICE DELIVERY POINTS

- **29%** SEVERELY MALNOURISHED (SSA)
- **22%** TUBERCULOSIS (SOUTH AFRICA)
- **33%** CHILDREN OF PARENTS IN ART CLINIC (MALAWI)
- **14%** HOSPITALIZED ADOLESCENTS (ZIMBABWE)
- **10%** IMMUNIZATION CLINICS IN HIGH-PREVALENCE SETTINGS

Sources: Fergusson et al, 2007; Hesseling et al. 2009; Ferrand et al. 2010; Cohen et al. 2010
TREATMENT ACCESS TO ENTIRE FAMILY INCREASES LIKELIHOOD OF CHILDREN RECEIVING DIAGNOSIS AND HIV TREATMENT

Increase in HIV treatment uptake in Uganda

INCREASED RETENTION IN CARE WHEN SERVICE DELIVERY IS DECENTRALIZED

Loss to follow-up/100 person years on ART

<table>
<thead>
<tr>
<th>Country</th>
<th>Primary health facility</th>
<th>Secondary health facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tanzania</td>
<td>2.5</td>
<td>16.4</td>
</tr>
<tr>
<td>Mozambique</td>
<td>14.1</td>
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</tr>
<tr>
<td>Kenya</td>
<td>18.1</td>
<td>29.4</td>
</tr>
<tr>
<td>Lesotho</td>
<td>12.9</td>
<td>47.3</td>
</tr>
</tbody>
</table>

OPTION B+ PROTECTING WOMEN, PROTECTING CHILDREN

< 200,000 new HIV infections among children in 21 Global Plan countries, 2013

- > 100,000 children infected during breastfeeding
- 88,000 children infected during pregnancy and delivery
REDUCE STIGMA AND DISCRIMINATION

30%
NEW APPROACHES TO REDUCING STIGMA AND DISCRIMINATION NEEDED AS MORE CHILDREN GROW INTO ADOLESCENCE

- **Botswana**
  - Proportion of grade 6 students who avoid a close friend who revealed that they were living with HIV: 10.6%
- **Lesotho**
  - Proportion of grade 6 students who believe that HIV+ students should not be allowed to attend school: 23.4%
- **Malawi**
  - Proportion of grade 6 students who believe that HIV+ students should not be allowed to attend school: 8.2%
- **Mozambique**
  - Proportion of grade 6 students who believe that HIV+ students should not be allowed to attend school: 20.4%
- **Namibia**
  - Proportion of grade 6 students who avoid a close friend who revealed that they were living with HIV: 13.9%
- **South Africa**
  - Proportion of grade 6 students who believe that HIV+ students should not be allowed to attend school: 8.9%
- **Swaziland**
  - Proportion of grade 6 students who believe that HIV+ students should not be allowed to attend school: 11.9%
- **Zambia**
  - Proportion of grade 6 students who believe that HIV+ students should not be allowed to attend school: 19.8%
- **Zimbabwe**
  - Proportion of grade 6 students who avoid a close friend who revealed that they were living with HIV: 20.3%
  - Proportion of grade 6 students who believe that HIV+ students should not be allowed to attend school: 41.7%

MAKE FORMULATIONS CHILD FRIENDLY
NEED FOR COORDINATION FOR RESULTS ON PAEDIATRIC ACCESS