Scaling up access to antiretroviral therapy in low- and middle-income countries: global and regional progress in 2008

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Background

"We will implement further efforts towards universal access to HIV/AIDS prevention, treatment, care and support by 2010"  
G8 Final declaration- L'Aquila, Italy – July 09

At the end of 2007:

• 3 million people receiving antiretroviral therapy (ART) in low- and middle-income countries, including 200 000 children;
• but more than 6 million people in need did not have access
Objective

To provide an update on global and regional progress in access to ART in low- and middle-income countries at the end of 2008, including paediatric ART, and underline key challenges for the future.
Methods

- WHO, UNICEF and UNAIDS report annually on progress in the health sector response to HIV/AIDS

- Six priority intervention areas in the health sector

- Country-led data collection; data compiled and validated jointly with the three agencies

- Process:
  - Reporting tool disseminated in December 2008
  - Country reports submitted by 31 March 2009, followed by regional and global cross-validation with partners
  - 127 low- and middle-income countries (out of 149) reported in 2009
### ART in low- and middle-income countries, by region, all age groups, December 2007–2008 *

<table>
<thead>
<tr>
<th>Geographical region</th>
<th>Number of people receiving ART December 2007</th>
<th>Number of people receiving ART December 2008</th>
<th>Increase in one year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Saharan Africa</td>
<td>2 120 000</td>
<td>2 925 000</td>
<td>38%</td>
</tr>
<tr>
<td>- Eastern and Southern Africa</td>
<td>1 690 000</td>
<td>2 395 000</td>
<td>42%</td>
</tr>
<tr>
<td>- West and Central Africa</td>
<td>430 000</td>
<td>530 000</td>
<td>23%</td>
</tr>
<tr>
<td>Latin America and the Caribbean</td>
<td>390 000</td>
<td>445 000</td>
<td>14%</td>
</tr>
<tr>
<td>East, South and South-East Asia</td>
<td>420 000</td>
<td>565 000</td>
<td>35%</td>
</tr>
<tr>
<td>Europe and Central Asia</td>
<td>54 000</td>
<td>85 000</td>
<td>57%</td>
</tr>
<tr>
<td>North Africa and the Middle East</td>
<td>7 000</td>
<td>10 000</td>
<td>43%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2 990 000</strong></td>
<td><strong>4 030 000</strong></td>
<td><strong>35%</strong></td>
</tr>
</tbody>
</table>

* Final data to be published in September 09

\[2.7 – 3.3 \text{ million}] 
\[3.7 – 4.3 \text{ million}]
Number of people receiving ART in low- and middle-income countries, by region, 2002–2008

- North Africa and the Middle East
- Europe and Central Asia
- East, South and South-East Asia
- Latin America and the Caribbean
- Sub-Saharan Africa

 Millions

- end 2002
- end 2003
- end 2004
- end 2005
- end 2006
- end 2007
- end 2008

World Health Organization
UNAIDS
UNICEF
## ART in low- and middle-income countries, by region, children (<15), December 2007–2008 *

<table>
<thead>
<tr>
<th>Geographical region</th>
<th>Number of people receiving ART December 2007</th>
<th>Number of people receiving ART December 2008</th>
<th>Increase in one year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Saharan Africa</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Eastern and Southern Africa</td>
<td>158 000</td>
<td>235 000</td>
<td>49%</td>
</tr>
<tr>
<td>- West and Central Africa</td>
<td>132 000</td>
<td>205 000</td>
<td>55%</td>
</tr>
<tr>
<td></td>
<td>26 000</td>
<td>30 000</td>
<td>15%</td>
</tr>
<tr>
<td>Latin America and the Caribbean</td>
<td>15 000</td>
<td>16 000</td>
<td>7%</td>
</tr>
<tr>
<td>East, South and South-East Asia</td>
<td>21 000</td>
<td>30 000</td>
<td>43%</td>
</tr>
<tr>
<td>Europe and Central Asia</td>
<td>2 000</td>
<td>4 100</td>
<td>105%</td>
</tr>
<tr>
<td>North Africa and the Middle East</td>
<td>&lt;200</td>
<td>&lt;500</td>
<td>&gt;100%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>196 000</td>
<td>285 000</td>
<td>45%</td>
</tr>
<tr>
<td></td>
<td>[176 000 – 216 000]</td>
<td>[265 000 – 305 000]</td>
<td></td>
</tr>
</tbody>
</table>

* Final data to be published in September 09
Number of children (<15) receiving ART in low- and middle-income countries, 2005–2008

Children under 15 receiving ART

Europe and Central Asia
East, South and South-East Asia
Latin America and the Caribbean
Sub-Saharan Africa
Conclusions

• Continuing impressive scale-up of ART in low- and middle-income countries
• Some countries are on track to achieve Universal Access
• For others, intensive support and increased resources are needed to move forward towards reaching their targets
• Challenges:
  • The financial crisis
  • Decentralization and integration of health systems
  • Increased needs with new treatment guidelines
• Opportunities:
  • High level of commitment to universal access goals
  • Access to testing and counseling is increasing
  • Emerging evidence on the effects of ART for HIV prevention
Acknowledgements

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- Co-authors:
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