The Polio Endgame Plan

1. Poliovirus detection & interruption

2. OPV2 withdrawal, IPV introduction, immunization system strengthening

3. Facility Containment & Global Certification

4. Legacy Planning
Wild Poliovirus Eradication
1988-2014

2 Polio Endemic countries

Polio cases (thousands)


Last type 2 polio in the world

Last Polio Case in India

Last Polio Case in Nigeria

2015
Wild Poliovirus type 1 Cases, 2014

Exportations in 2013

Endemic countries
Infected countries

Israel = Env. positive isolates (2013, N=136; 2014, N=14, last 30 Mar 2014)
Gaza = Env. positive isolates (2013, N=7; 2014, N=1, Jan)

<table>
<thead>
<tr>
<th>Country</th>
<th>2013 (Full year)</th>
<th>2014*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pakistan</td>
<td>93</td>
<td>306</td>
</tr>
<tr>
<td>Afghanistan</td>
<td>14</td>
<td>28</td>
</tr>
<tr>
<td>Nigeria</td>
<td>53</td>
<td>6</td>
</tr>
<tr>
<td>Somalia</td>
<td>194</td>
<td>5</td>
</tr>
<tr>
<td>Cameroon</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Equatorial Guinea</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Iraq</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Syria</td>
<td>35</td>
<td>1</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>Kenya</td>
<td>14</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>416</strong></td>
<td><strong>359</strong></td>
</tr>
</tbody>
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Wild Poliovirus Cases, Last 6 months

Last Case in Middle East: Iraq, 7 April, 2014

Last Case in Africa: Somalia, 11 Aug 2014

WPV1 Cases
Pakistan: 22
Afghanistan: 12
Milestones and achievements (1)

• November 2012: Most recent case of WPV3
• July 2014: Most recent WPV case in Nigeria
• August 2014: Most recent WPV case in Africa
• Since August 2014: No WPV outside of Afghanistan & Pakistan
• All WPV outbreaks stopped
WPV milestones and achievements (2)

- 20 September 2015: WPV2 eradication certified
- 25 September 2015: Nigeria removed from list of endemic countries by WHO
- 20 October SAGE confirms April 2016 for globally synchronized tOPV-bOPV switch
Overall Global Programme Context

- Strong progress, increasing momentum to completion
- Increasing public & donor confidence in the Endgame
- Strong political support – WHA 68.3
- Strong oversight by POB & GPEI partner coordination
- Sustained surge in recent outbreak zones
- Increasing concentration of resources in vulnerable areas
- Final success now depends on Pakistan and Afghanistan
WPV1 Cases, Afghanistan and Pakistan at 11 December, 2014 & 2015

<table>
<thead>
<tr>
<th></th>
<th>Afghanistan</th>
<th>Pakistan</th>
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<tbody>
<tr>
<td>2014</td>
<td>26</td>
<td>296</td>
</tr>
<tr>
<td>2015</td>
<td>17</td>
<td>49</td>
</tr>
</tbody>
</table>
Decline in Inaccessibility, Pakistan
Jan 2013-Sep 2015

- Number of children in inaccessible areas reduced to <35k
- Priorities:
  - Accessing the remaining children
  - Maximizing the access opportunity (SIAs, IPV, health camps, CCPV)
Female Community Volunteers in high threat areas of Pakistan
Ensuring Progress in Afghanistan

- Engagement of new leadership
- More rigor & innovation to reduce missed children in updated National Emergency Action Plan
- Emergency Operations Center - NEAP implementation
- Access through neutrality & dialogue with all sides
SAGE: tOPV-bOPV Switch confirmed in April 2016

- Globally synchronized switch from 17 April to 1 May 2016 – a major global public health event
- Risks of continued tOPV use outweigh risks of OPV2 cessation
- Unprecedented scope of IPV introduction
- Management of short IPV supply
- mOPV2 stockpile for outbreak response
cVDPV outbreaks – Gaps in EPI

Type 2 MUST BE STOPPED! Sufficiently in advance of OPV2 withdrawal
Mitigating Poliovirus Facility-associated Risks

*Global Action Plan for Containment III (GAPIII)*

Phase I

- Destruction of WPV2 & cVDPV2 largely on track, will be completed before OPV2 withdrawal
- Intense efforts to remove all type 2 polio by mid-2016
- Mitigating risks from potentially infectious materials in non-polio facilities through 2016

Phase II

- Designation of poliovirus essential facilities, early 2016
- Certification of containment by national authorities
- Full implementation will require effort and time
- International validation - Global Certification Commission
2013-18 Strategic Plan: GPEI Mid-term review

Internal ‘Midterm review’ of progress against the plan, including assessment of total costs to reach certification

Outcome:

Major Strategic priorities & focus on implementation:

• Addressing surveillance gaps in risk areas
• Tracking & reducing number of missed children
• Preventing, preparing & responding to outbreaks
• Accelerating destruction & containment of polioviruses in facilities
POB Decision on Mid-term Review: New Timeline, New Budget

- WPV interruption in Pakistan & Afghanistan likely during 2016
- Global certification of eradication delayed to 2019
- An additional $1.5 bn required to complete polio eradication
Summary

• Major progress milestones
• WPV1 restricted to parts of Pakistan and Afghanistan
• Global certification of polio eradication expected in 2019
• Additional $1.5 bn required to complete eradication
• Globally synchronized OPV2 withdrawal in April 2016
• Increasing focus on cVDPV – urgency to stop type 2
• Acceleration of GAPIII to mitigate PV facility associated risks
• Legacy planning gathering momentum and attention