

# Completing Polio Eradication

*February 2012*

**Context**



India





**Routine Immunization**



**Surveillance**

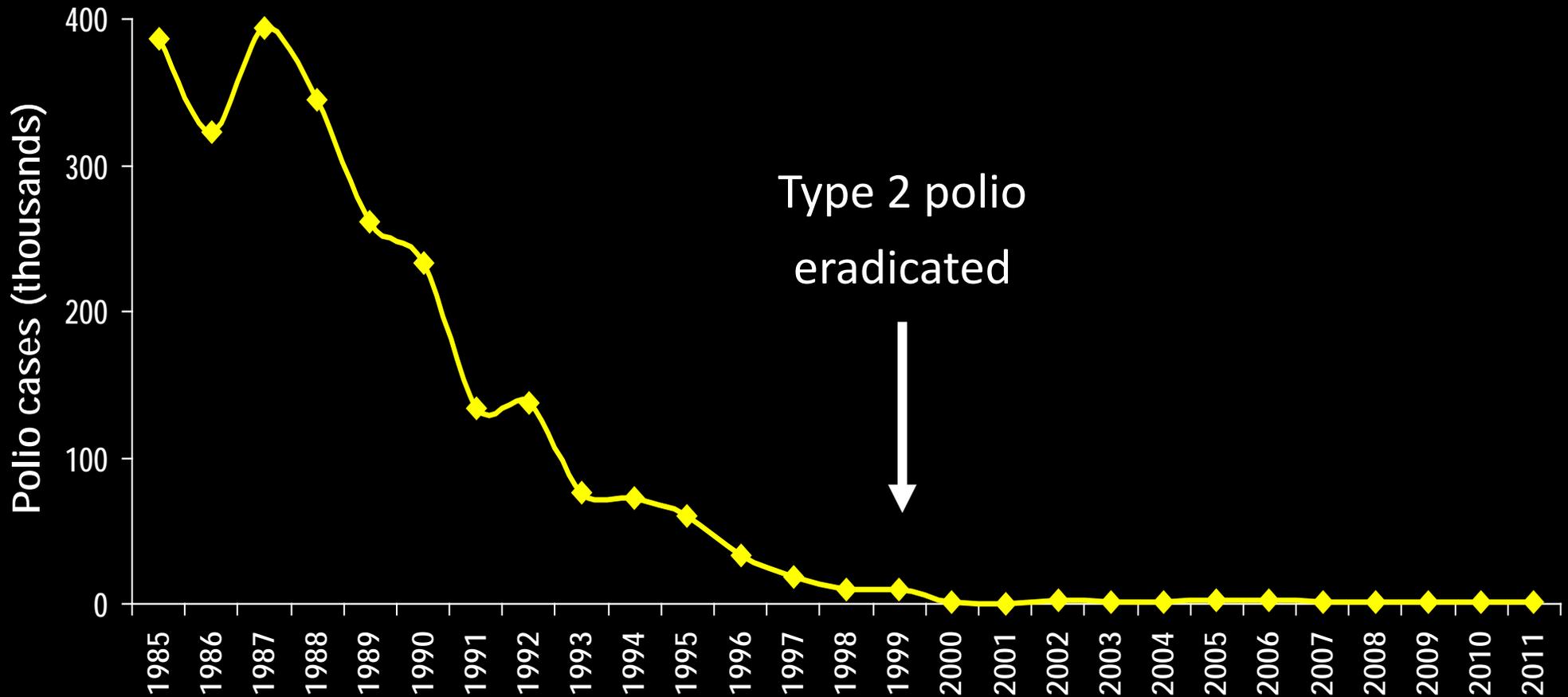


**Immunization Days (NIDs)**

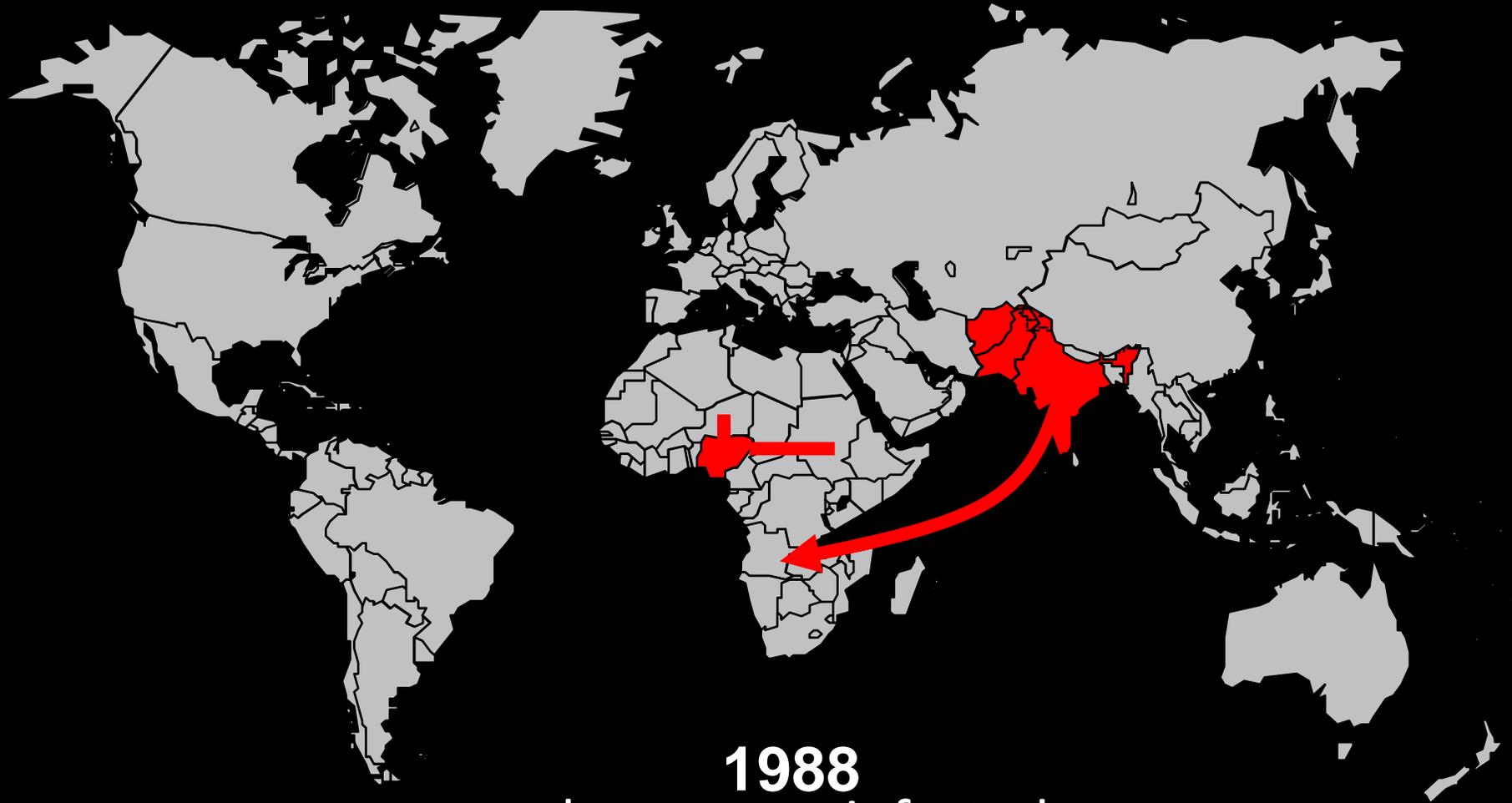


**Mop-ups**

# *Polio-paralyzed Children, 1988-2011*



# *Progress: 1988-2011*



**1988**  
became re-infected



*"WHO has removed  
India from the list of  
countries with wild  
poliovirus"*

Rukhsar Khaton  
West Bengal, India  
January 2011

Dr Margaret Chan  
Director-General, WHO  
25 February 2012

# ***World Health Assembly Resolution 65.5***

*"DECLARES polio eradication a programmatic  
emergency for global public health...*

*...urges the Director-General to rapidly finalize  
a polio endgame plan".*

***25 May 2012***

# The Polio Emergency

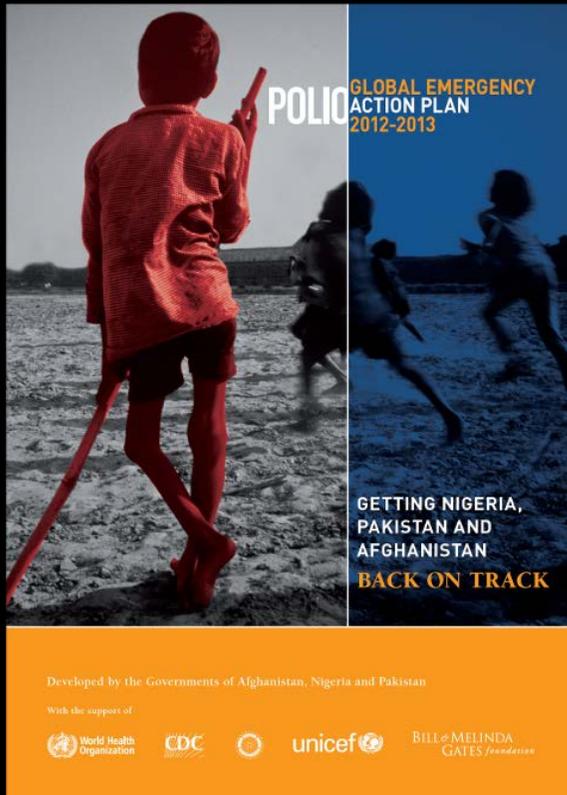
# Response

## International:

- *DG-led Polio Oversight Board*
- *emergency operations centers & SoPs*
- *surge of >5000 people to worst areas*

## National:

- *Presidential/PM focal points*
- *multi-sectoral emergency action plans*
- *real-time monitoring & accountability*
- *extensive revision of field operations*



# *Sharing Best Practices from India*

Delegations from  
Nigeria, Pakistan,  
Afghanistan



15 Indian polio  
staff in Nigeria x 2  
missions



# *Documenting & Applying Best Practices*

*Status at end-2012*

	India	Nigeria	Pakistan	Afghan
microplanning	+++	+	++	+
operational tactics	+++	++	++	++
monitoring & accountability	+++	++	++	+
technical innovations	+++	+++	++	++
social mobilization	+++	++	++	++
surge support	+++	+++	+++	++

# UN General Assembly

Special Event on Polio,  
September 2012



Afghanistan

Pakistan

Bill Gates

Nigeria

Rotary

WHO

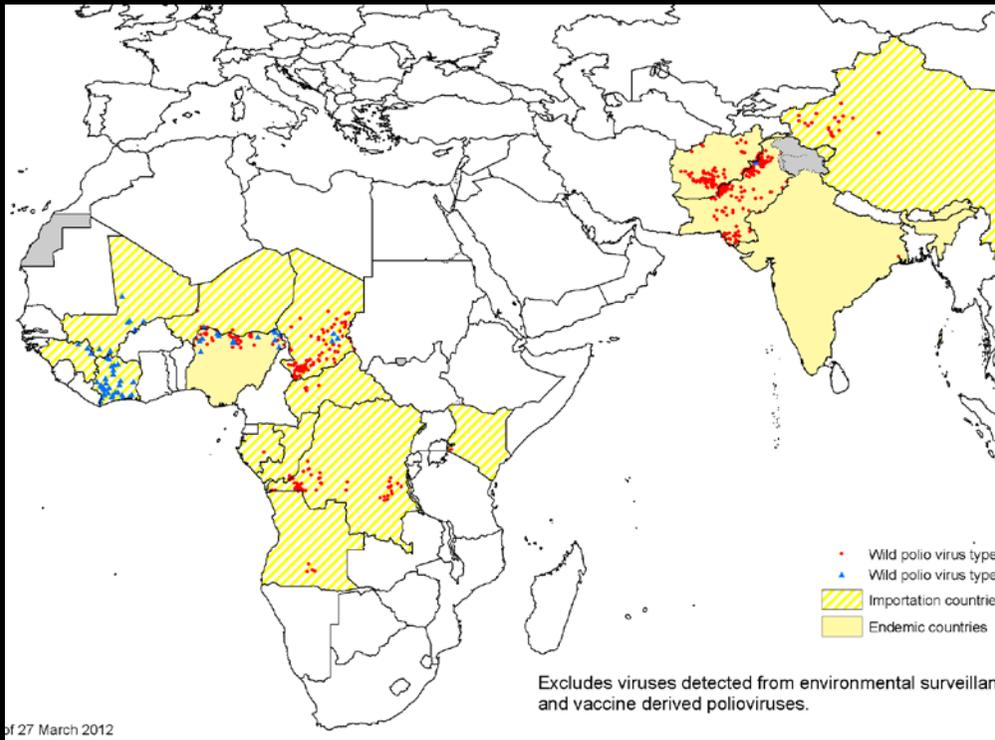
IDB

CDC

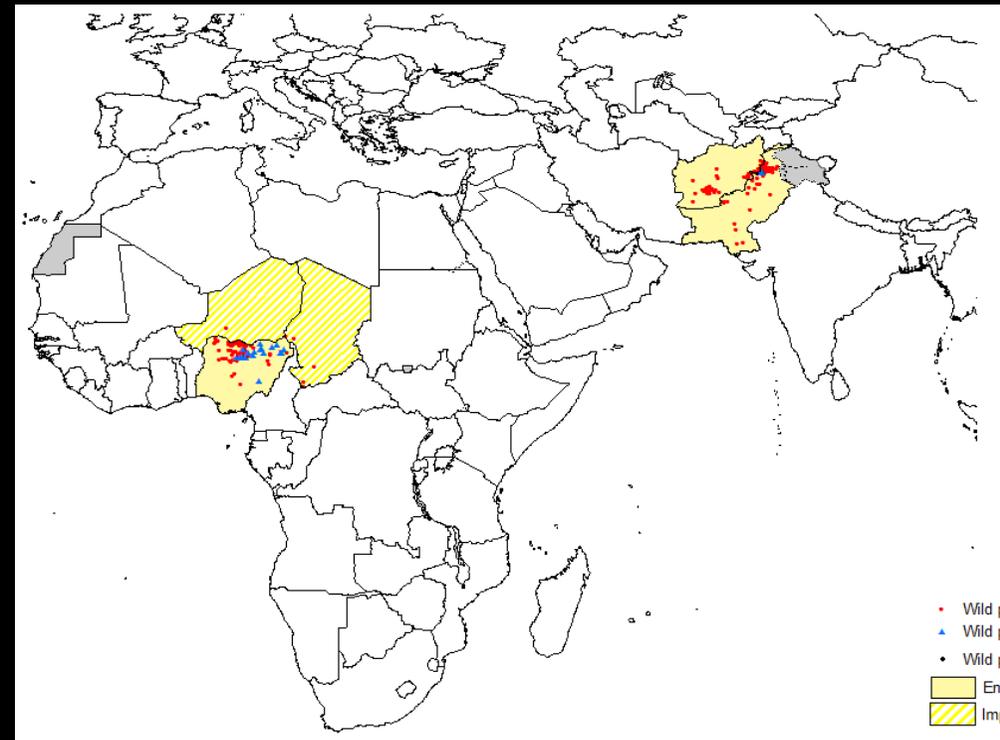
UNICEF



# The Impact

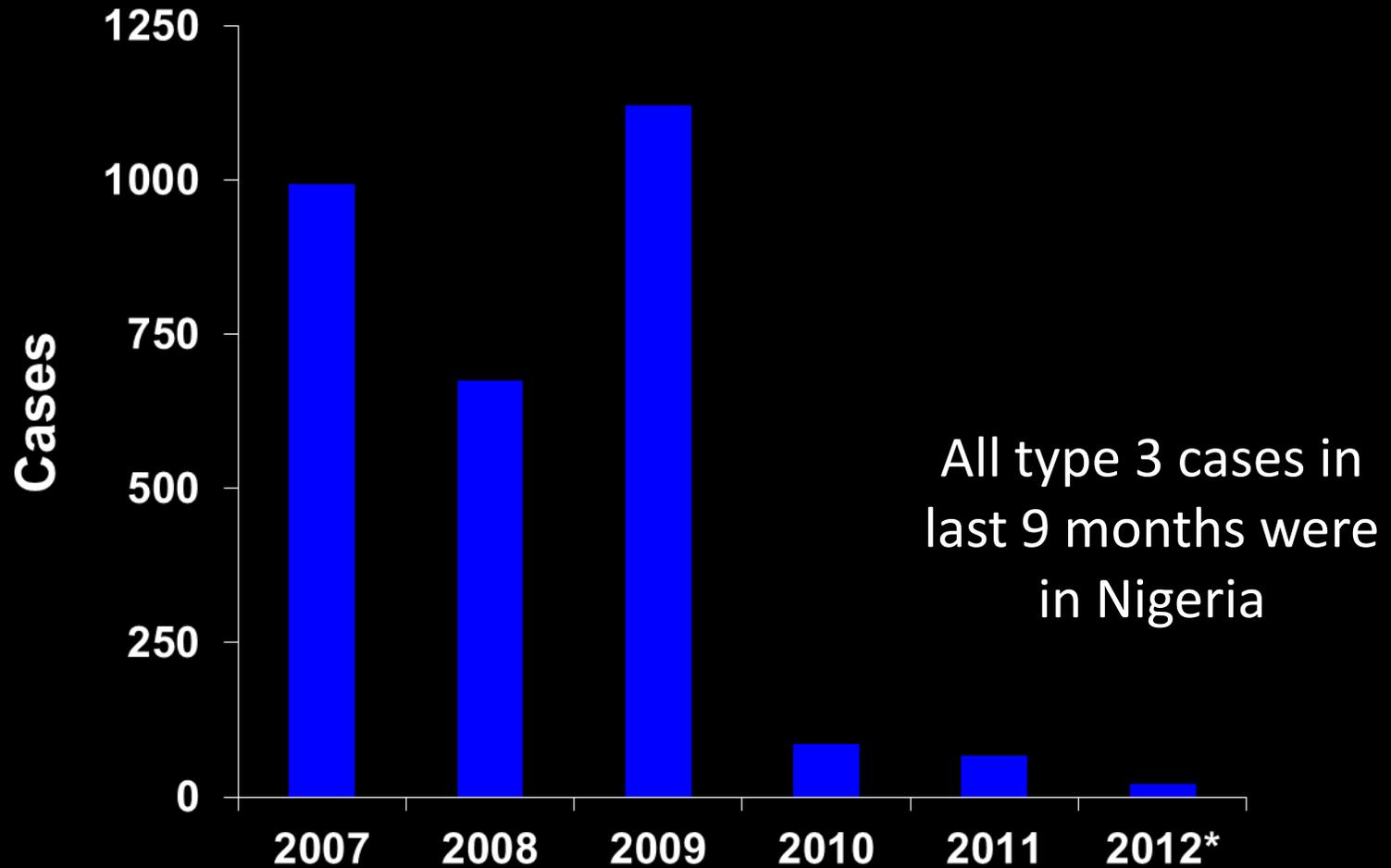


Dec 2011



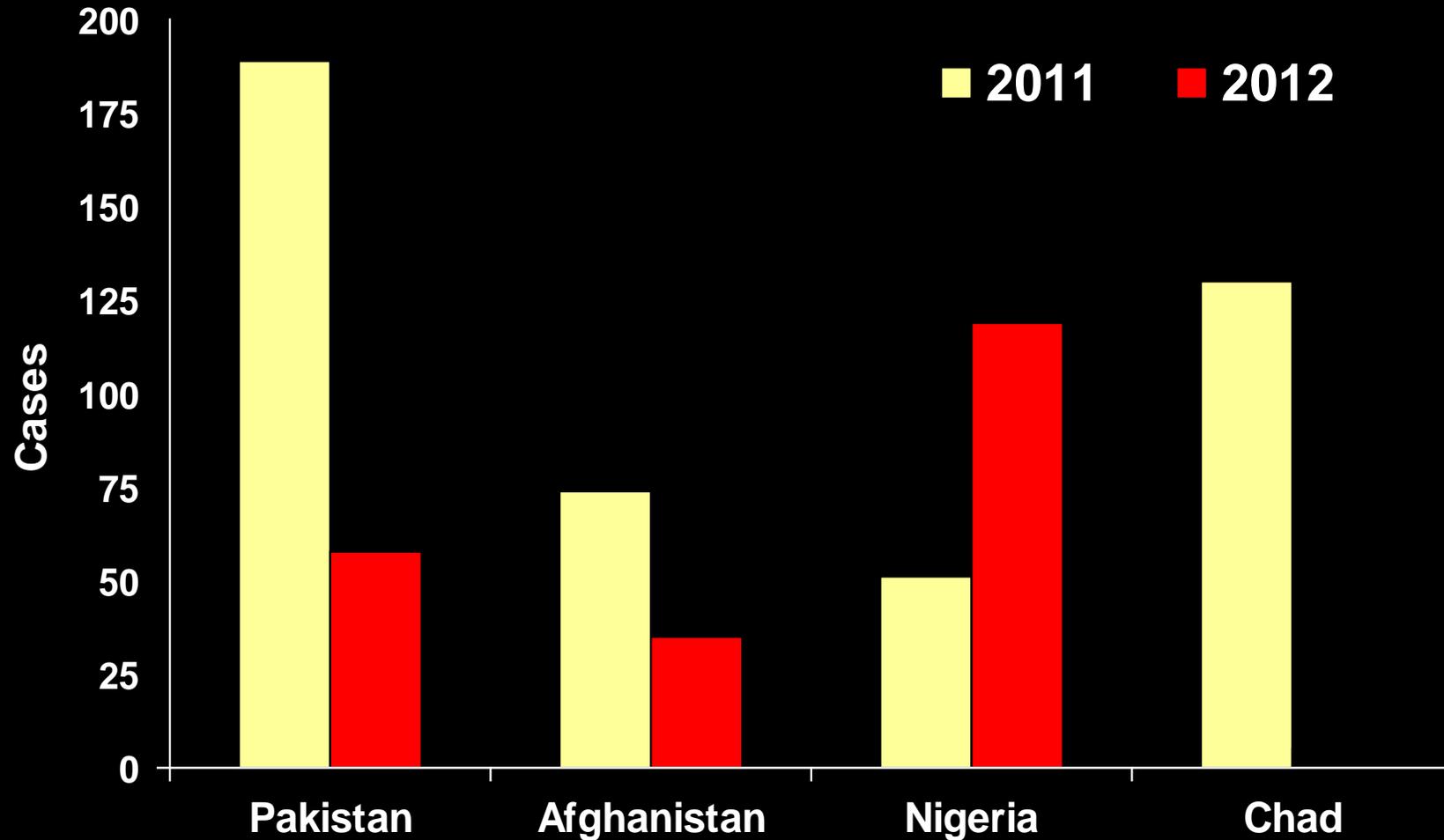
Dec 2012

# *Polio, type 3 cases*

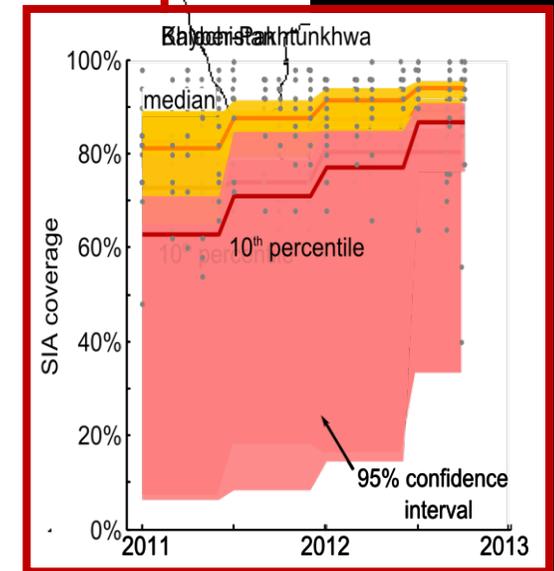
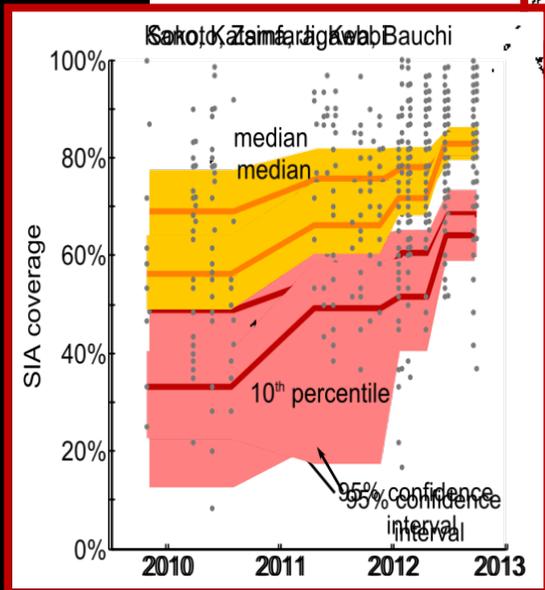
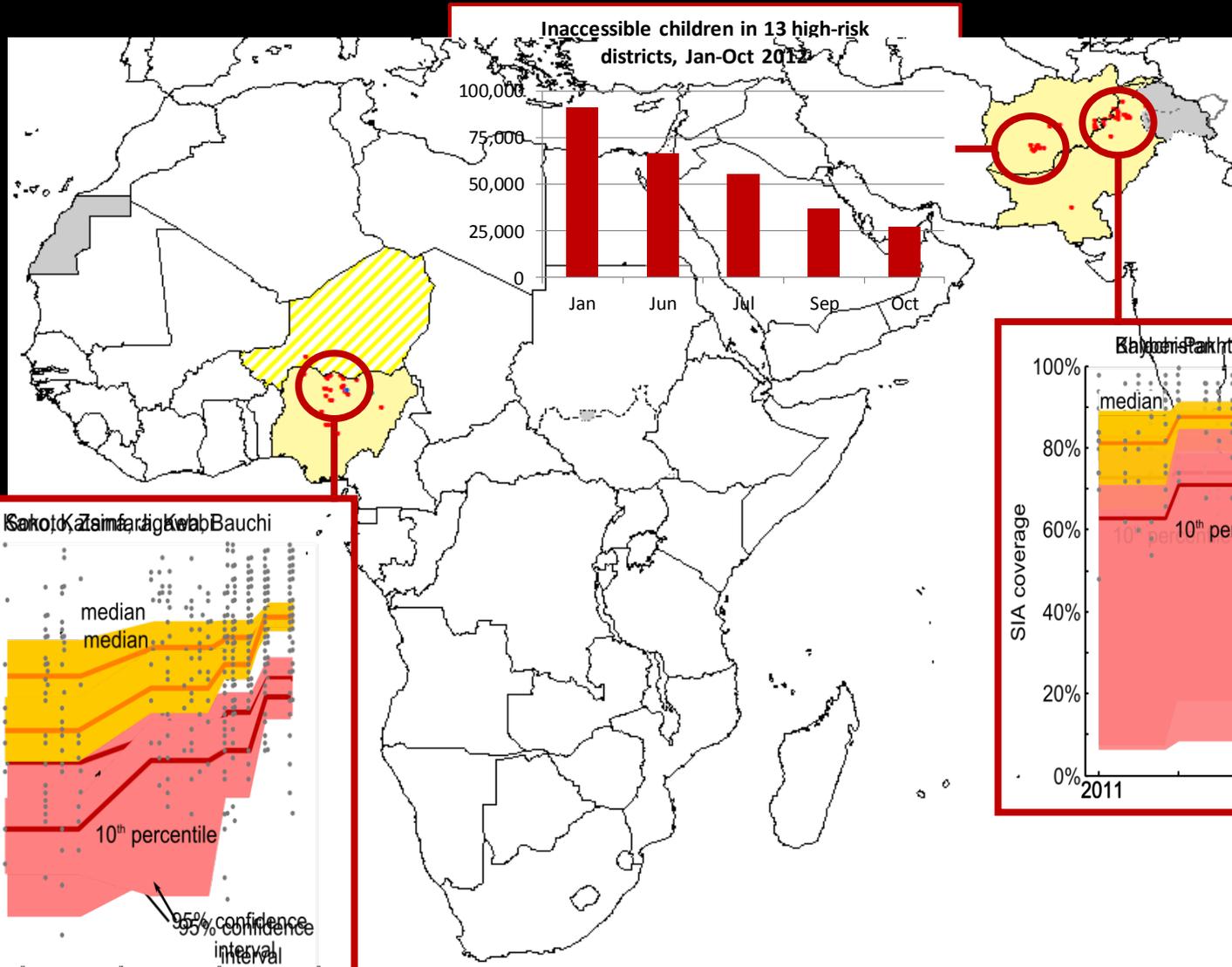


\* 2012: Nigeria = 19 cases (most recent 10 Nov); Pakistan = 3 cases (most recent 18 Apr)

# *Polio-paralyzed children at 31 Dec 2011 vs. 2012*



# New evidence of improvement in key 'reservoirs'



*polio paralyzed children, last 4 months*

## *Risks to the 2013 'low season push'*

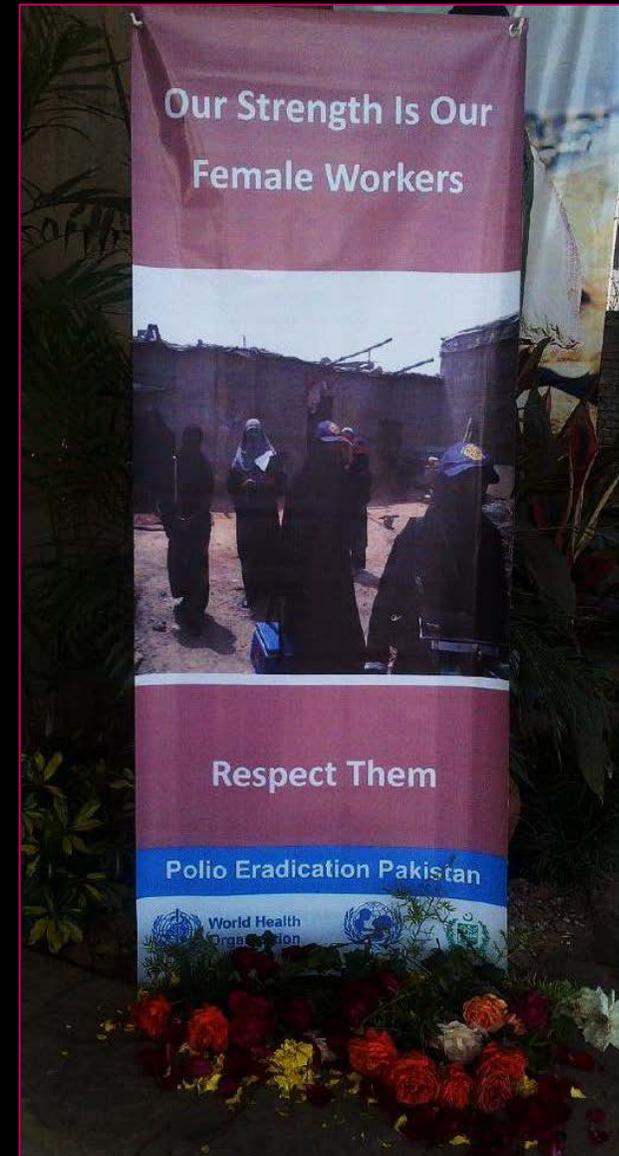
Pakistan: attacks on health workers  
elections

Afghanistan: reduced access in AGE areas  
cross border transmission

Nigeria: spread into West Africa

# Managing new risks:

- Provincial Security Coordination Committees
- Major polio campaign adjustments
- Leveraging broad Islamic community support
- Political all-party issue



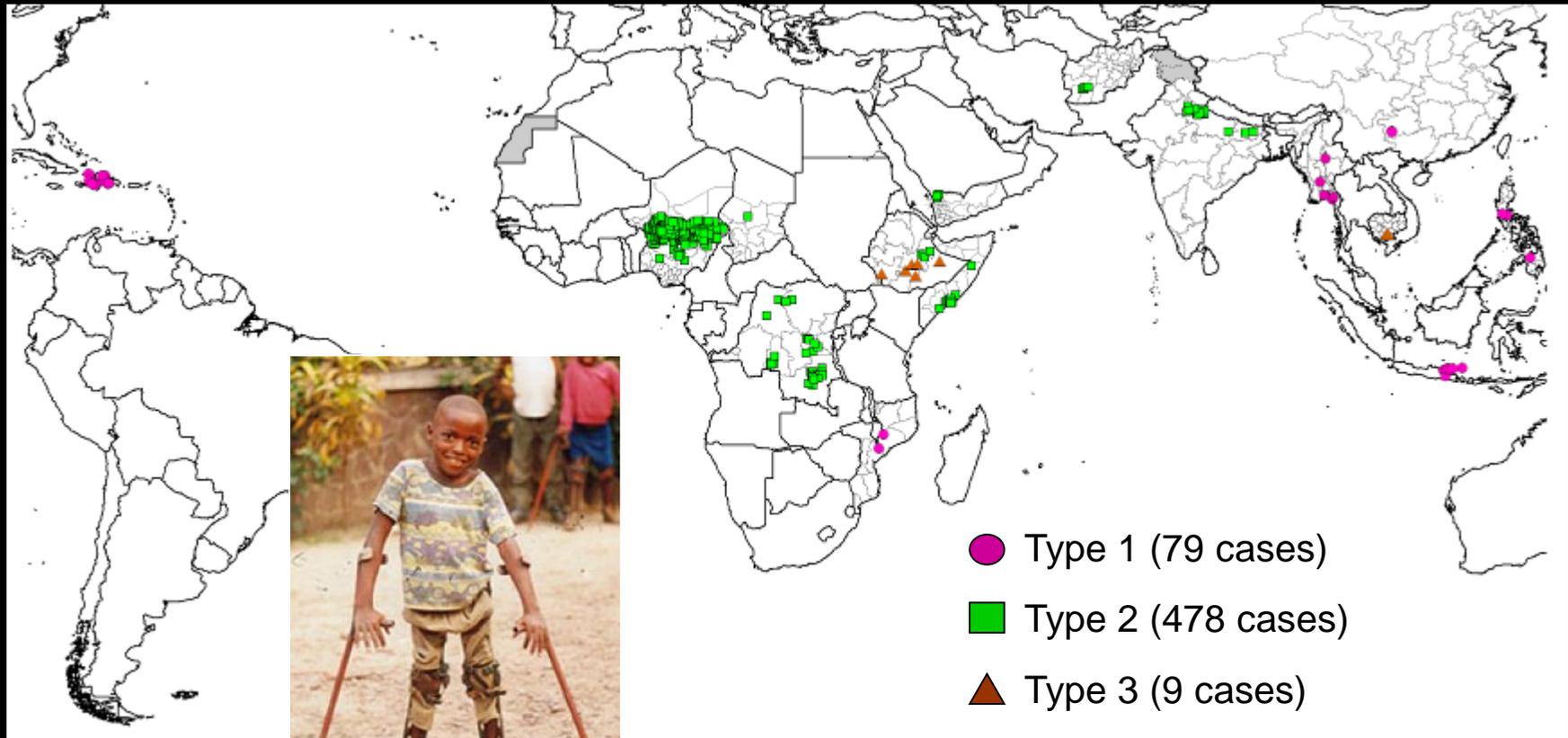
**The Polio Eradication  
&  
Endgame Strategic Plan**

Goal: to complete the eradication & containment of all wild, vaccine-related and Sabin polioviruses.

Last type 2 wild poliovirus: 1999

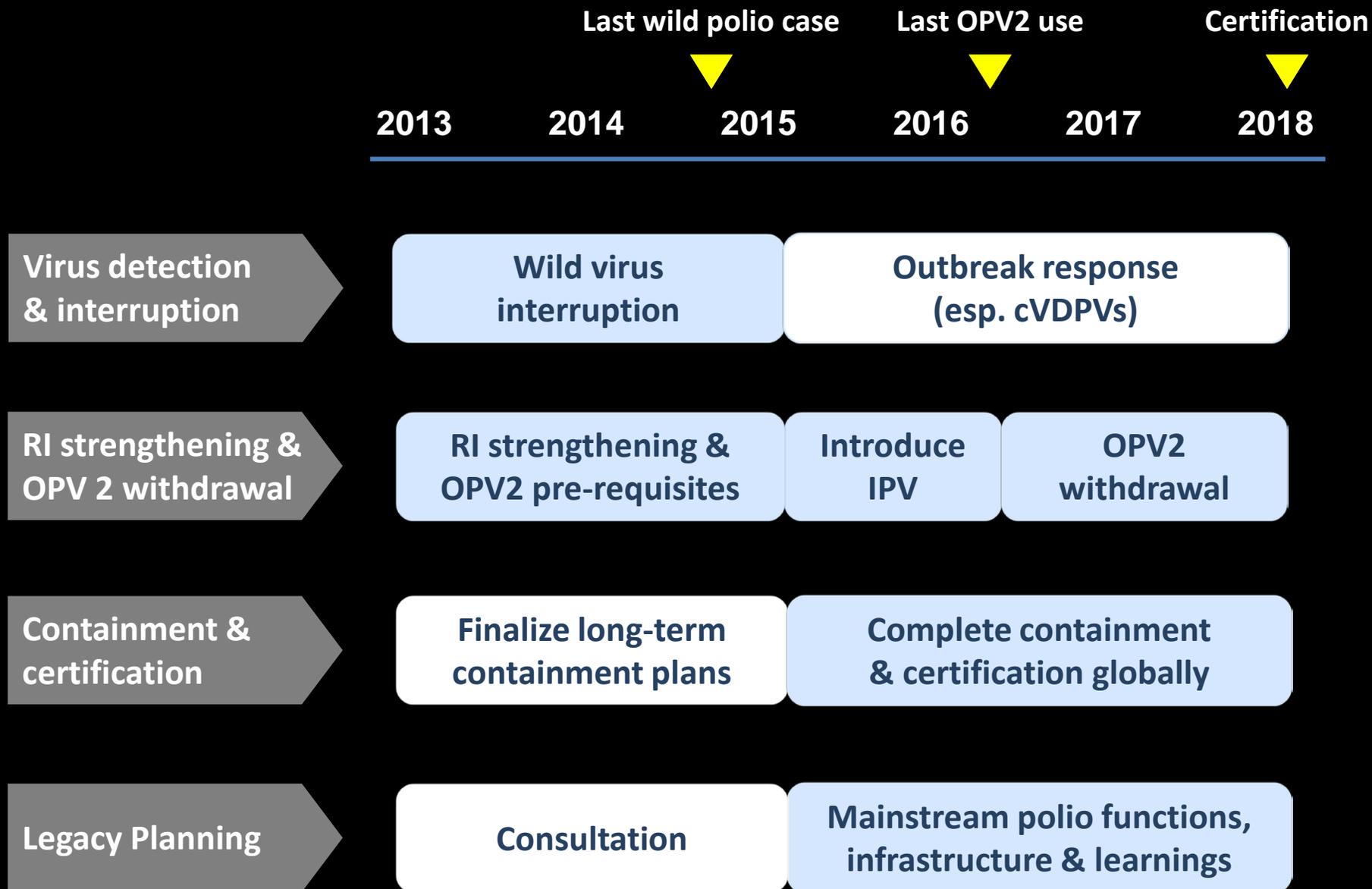
*however.....*

# *circulating Vaccine-Derived Poliovirus Outbreaks (cVDPVs), 2000-2011*



# Major Objectives

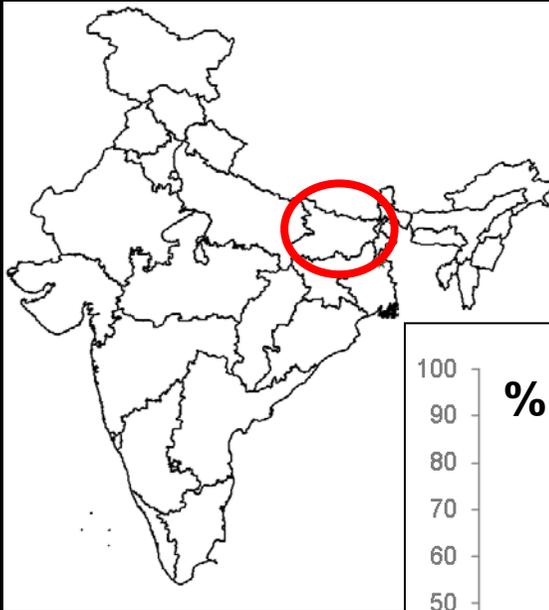
1. poliovirus detection & interruption
2. RI strengthening & OPV2 withdrawal
3. containment & certification
4. legacy planning



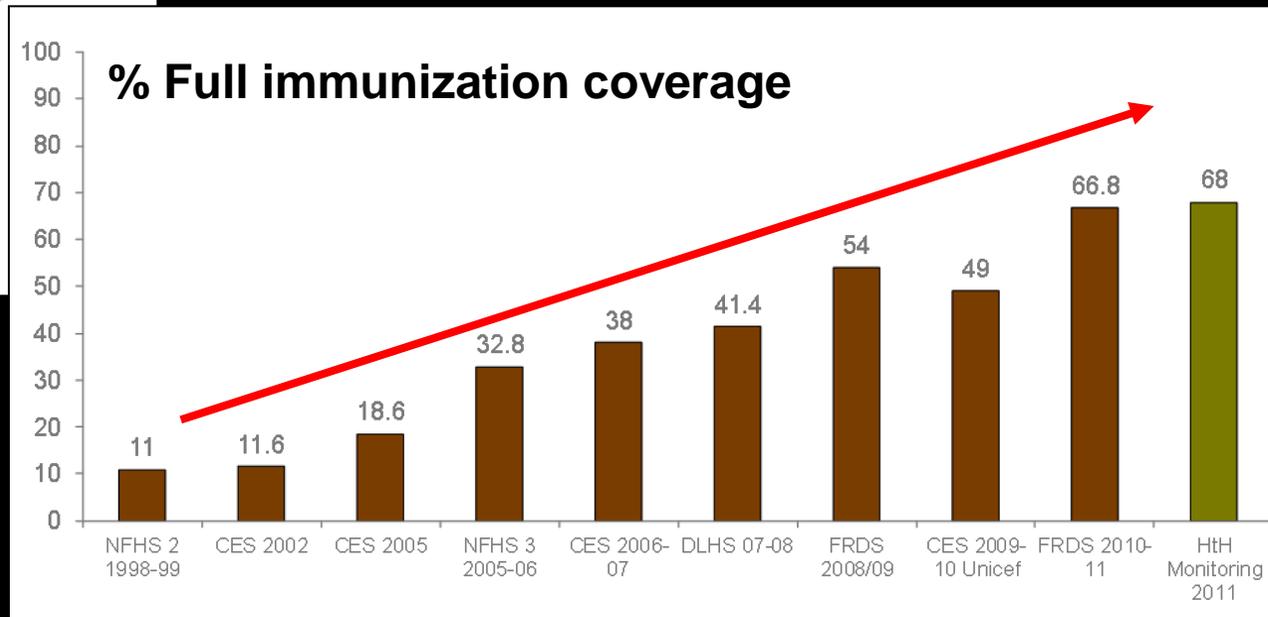
# What's new?

1. addresses **all polio** disease (wild & vaccine)
2. urgent emphasis on **routine immunization**
3. introduces new **IPV options** for longterm risks
4. includes **contingencies** if delay in endemic areas
5. **firm timeline** to complete eradication effort

# Routine Immunization Coverage Bihar, India



*In 2006-10, Bihar conducted  
9-11 OPV campaigns/year*



Exploiting the polio infrastructure for routine immunization strengthening, priority focus:

- management
- microplanning
- mobilization
- monitoring

*The new Strategic Plan 2013-18  
addresses historical errors & exploits  
new technologies in a comprehensive  
approach to complete eradication.*

# Major Risks

## Inputs

- lack of vaccines
- lack of financing
- inability to recruit human resources

## Implementation

- insecurity
- accountability gaps
- drop in political or societal support

*Risk-specific mitigation measures  
& contingency plans*

World Health  
Assembly

Polio Oversight Board

Polio Partners  
Group

Independent  
Monitoring Board  
(IMB)

Strategic Advisory  
Group of Experts  
(SAGE)

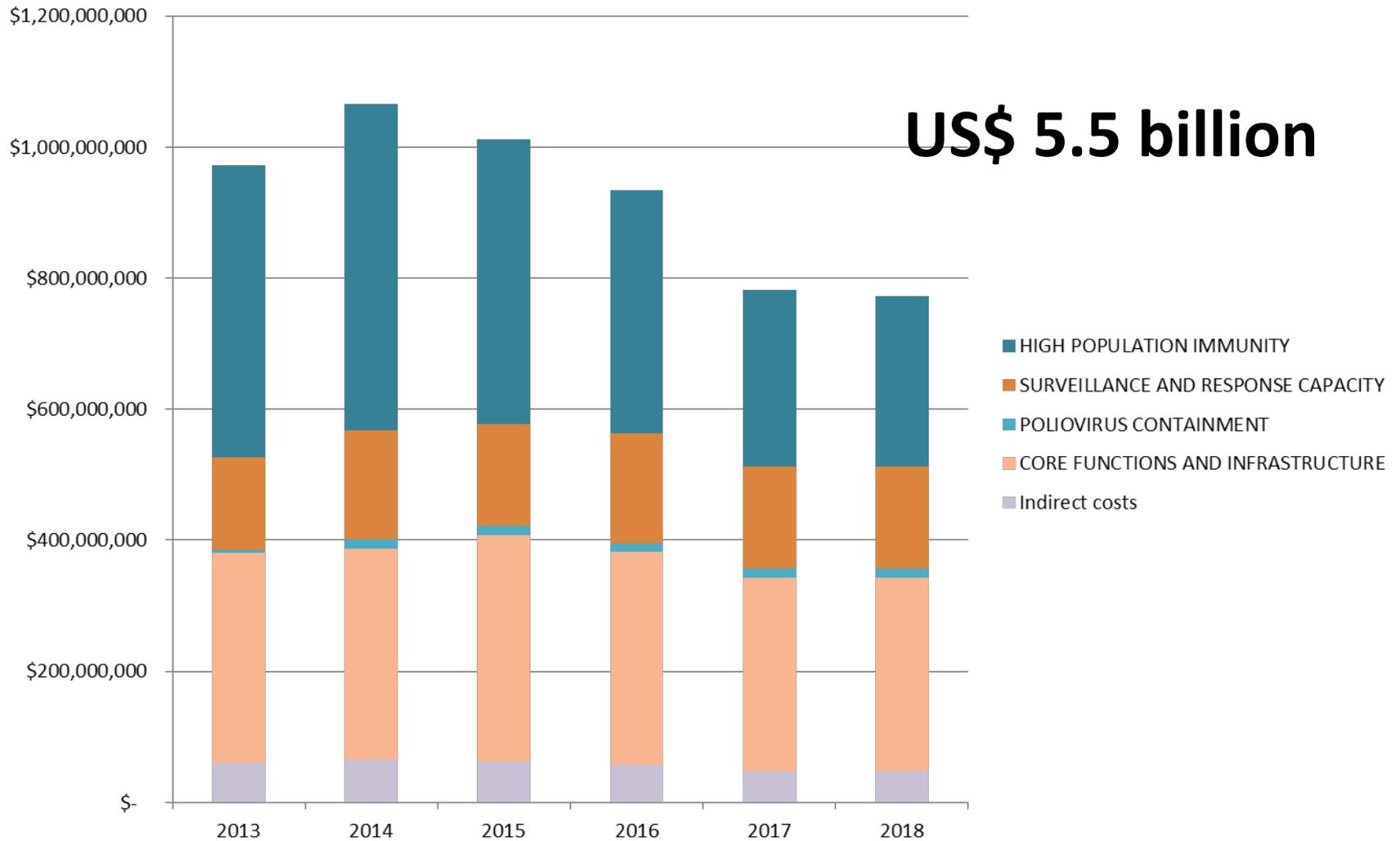
Global  
Certification  
Commission (GCC)

Obj 1: Poliovirus  
Detection &  
Interruption

Obj 2: Routine EPI  
strengthening &  
OPV2 withdrawal

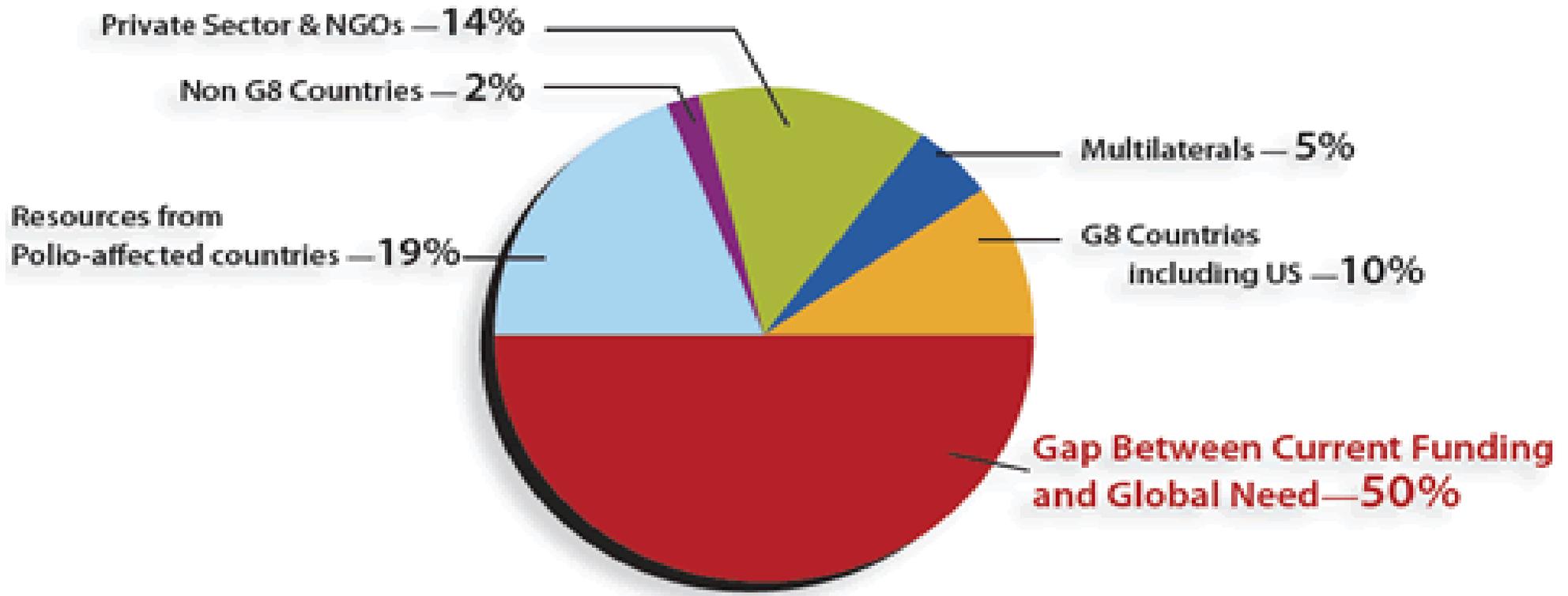
Obj 3: Global  
Containment &  
Certification

# Financial Requirements



# Global Commitment for Polio Eradication, 2012 – 2013

Total estimated global funding need: \$2.23 billion



# Summary

*Today, the world has  
the lowest-ever number of polio  
cases & infected countries, and the  
best-ever opportunity to stop all  
transmission.*