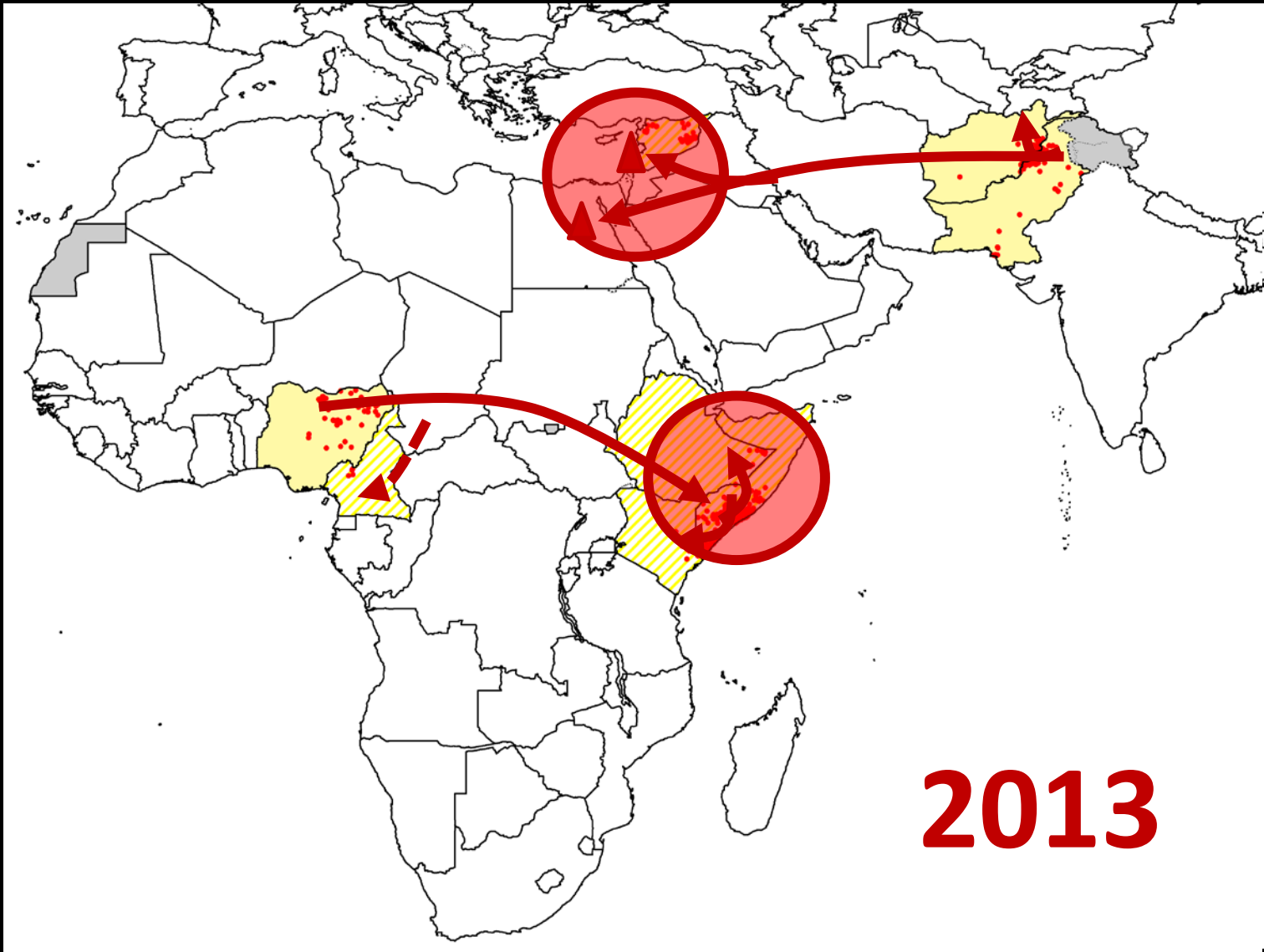


Interrupting Polio Transmission

Current Status & Prospects

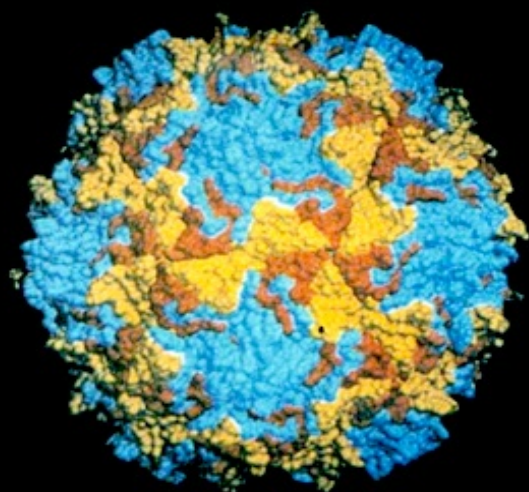


- major developments since Nov 2013
- 5 May 2014 declaration of 'PHEIC'
- overview of current global transmission
- current prospects & priorities

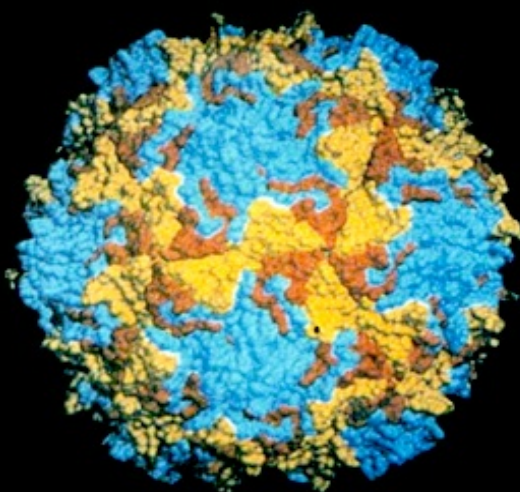
27 March 2014

80% of world's population
now certified polio-free

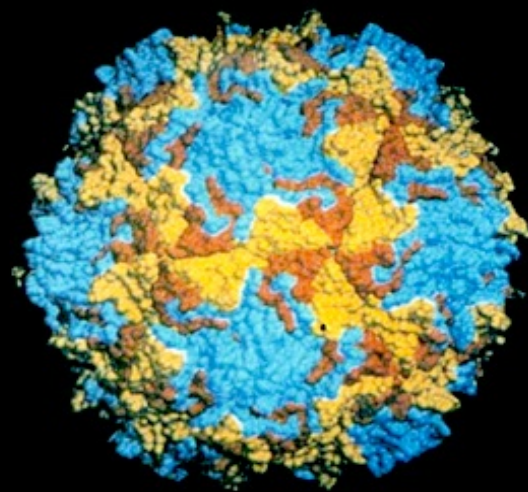




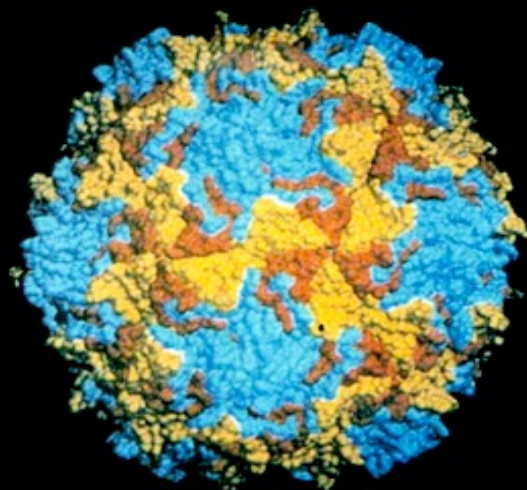
POLIO TYPE 1



POLIO TYPE 2



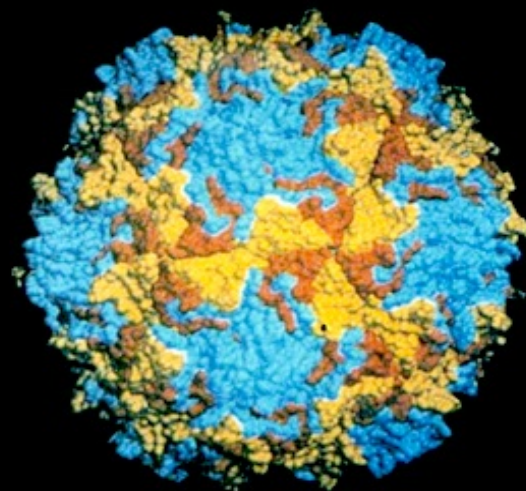
POLIO TYPE 3



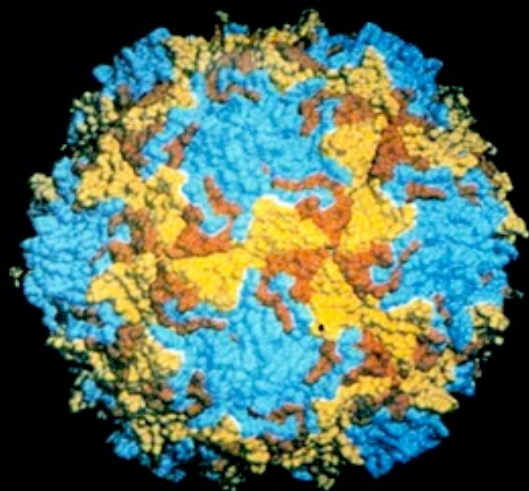
POLIO TYPE 1



TYPE 2
ERADICATED



POLIO TYPE 3



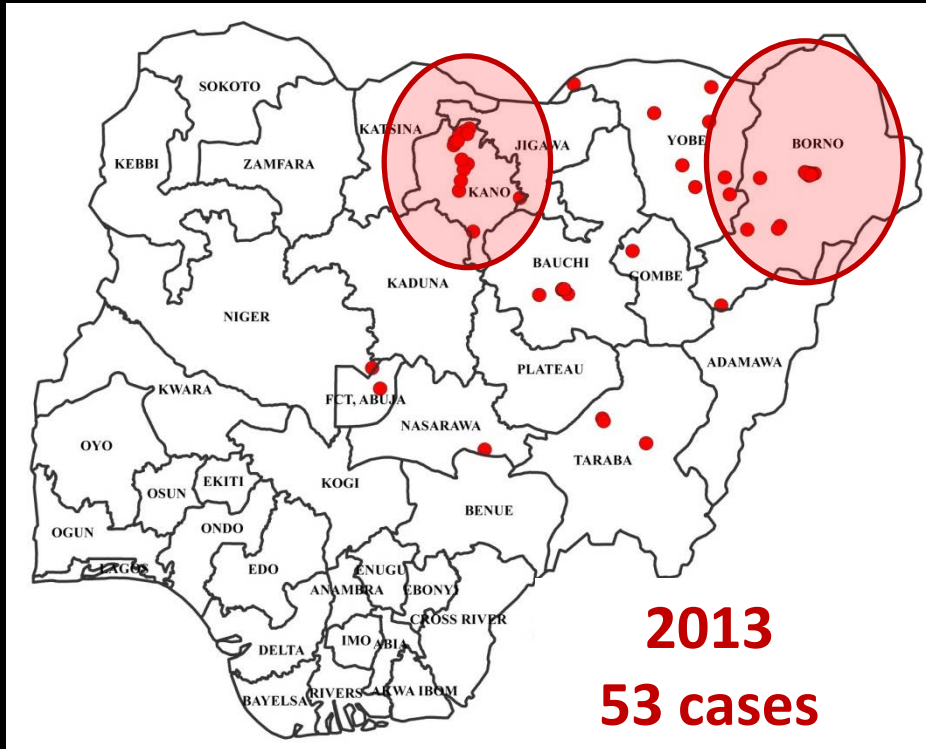
POLIO TYPE 1

TYPE 2
ERADICATED

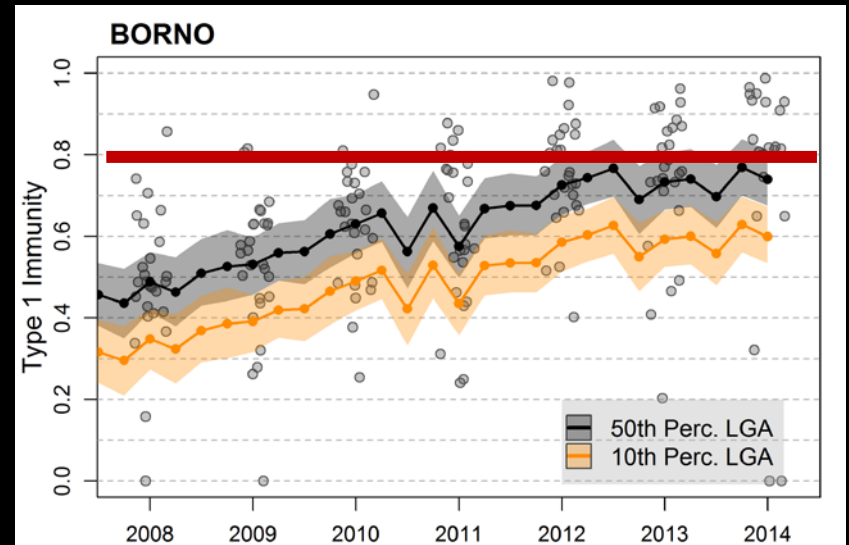
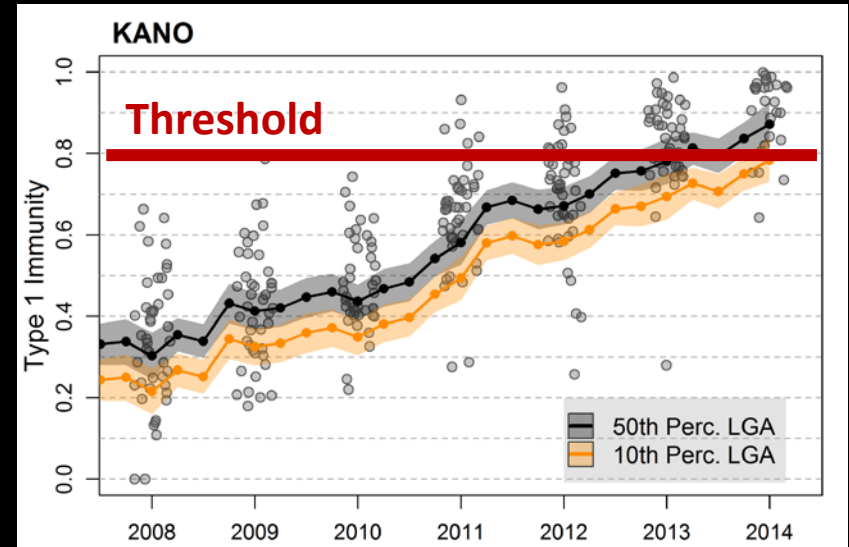


TYPE 3
ERADICATED?

NIGERIA

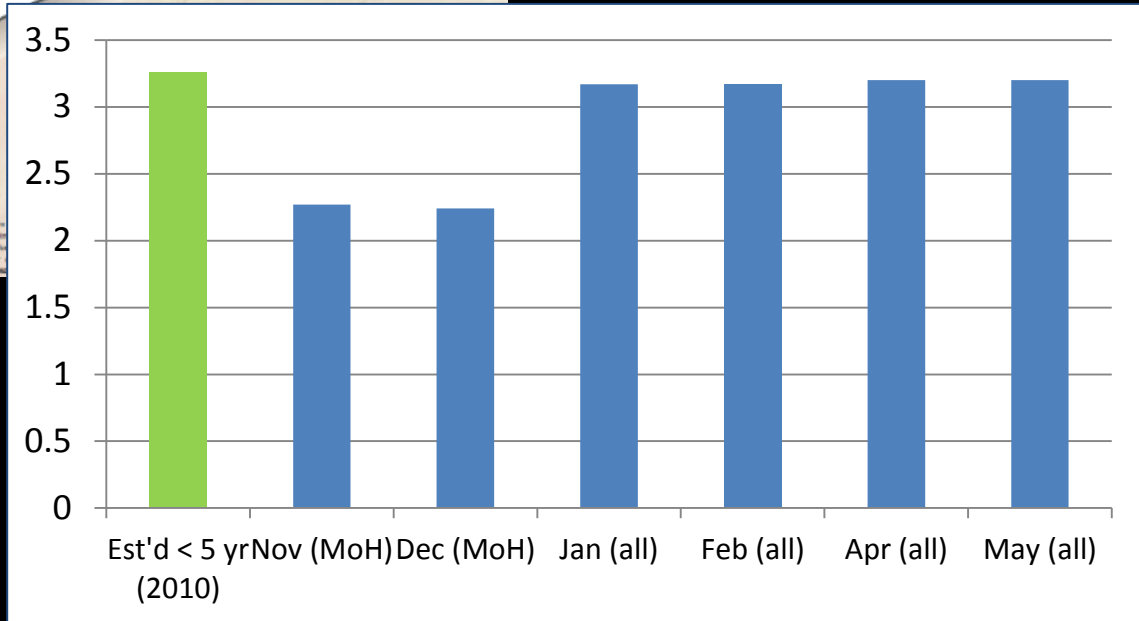
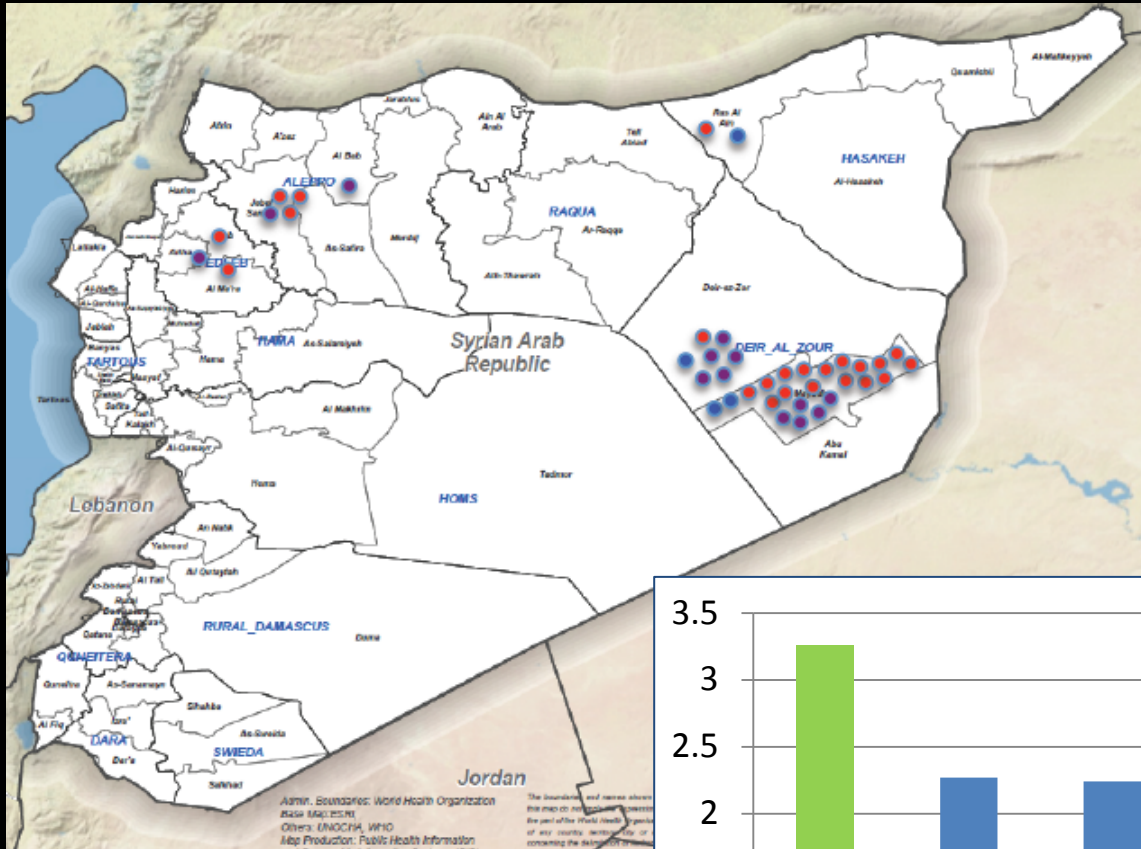


Polio Immunity Trends



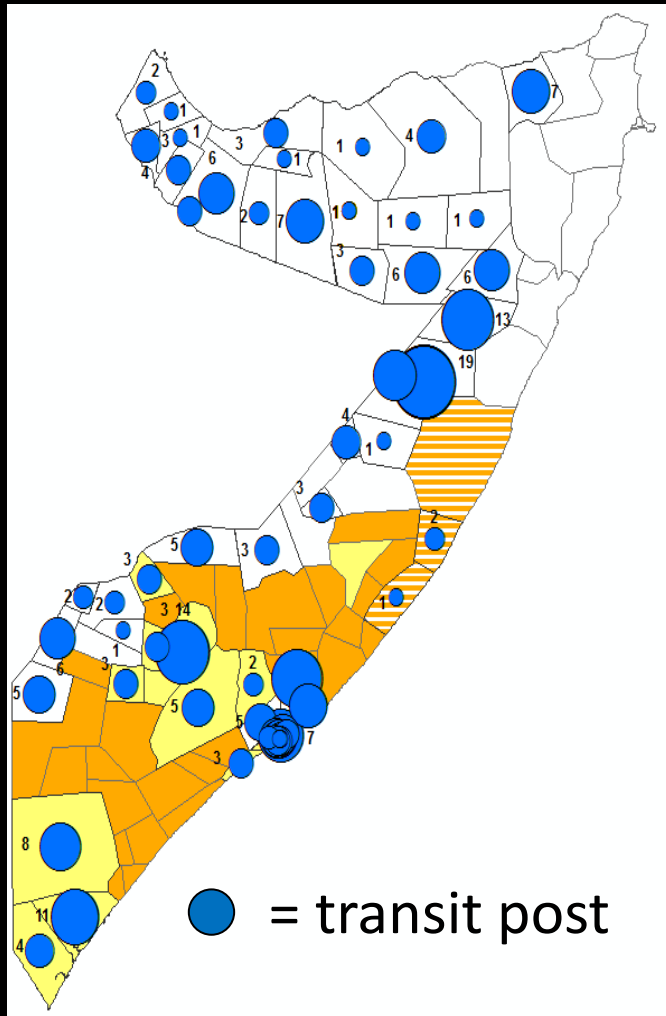
SYRIA

Reported # children vaccinated (millions)



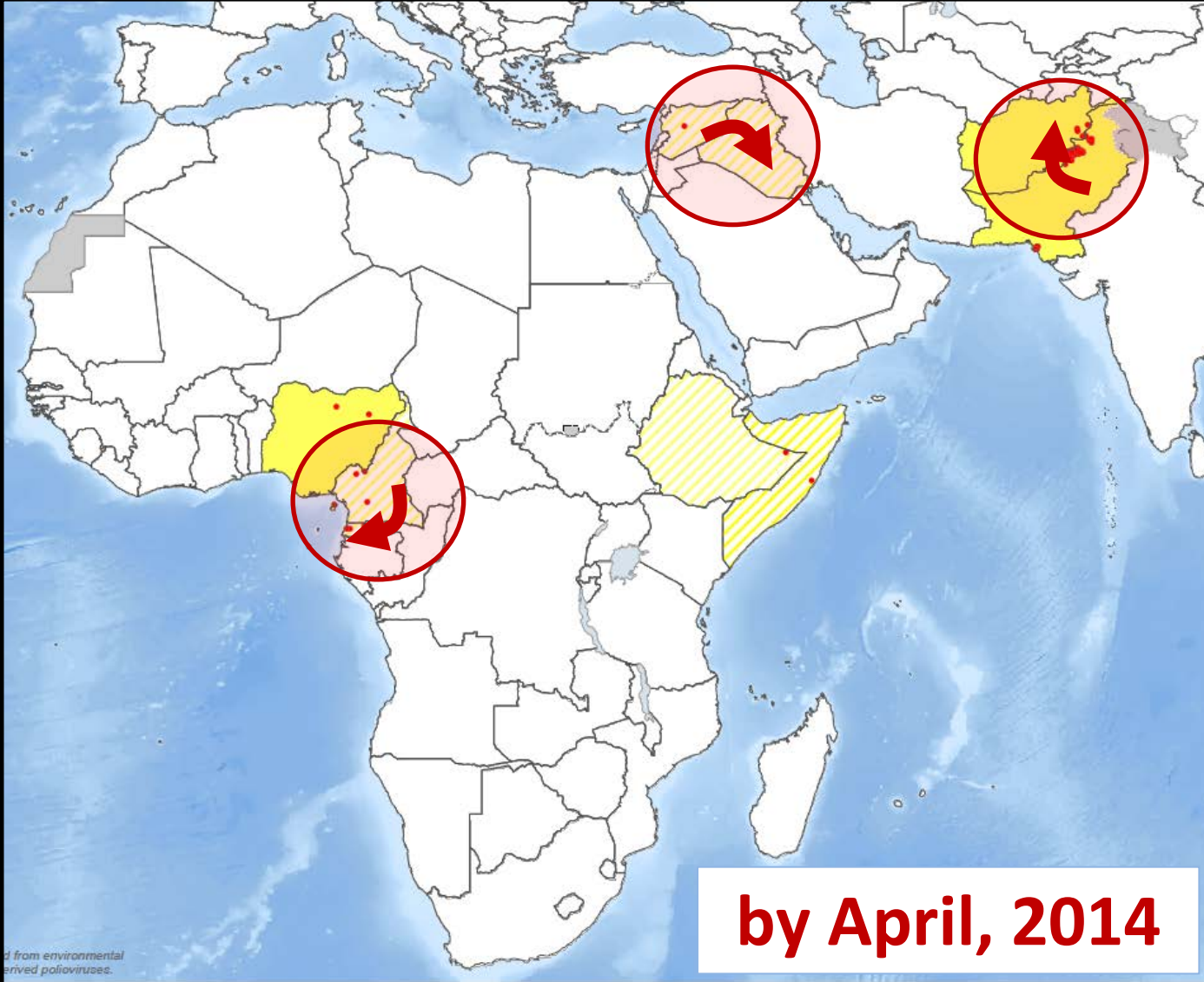
ASMR, Boundaries: World Health Organization
 Data: UNICEF
 Colors: UNOCHA, WHO
 Map Production: Public Health Information

SOMALIA



Polio 'transit' vaccination





Public Health Emergency of International Concern (PHEIC)

IHR Temporary Recommendations for all 'exporting countries'



Exporting Countries

- *Pakistan, Cameroon, Syria*
- *should vaccinate all travelers*
- *1 dose, 4 weeks to 12 months prior to travel*

Infected Countries

- *Afghanistan, Nigeria, Eq Guinea, Ethiopia, Iraq, Israel (and now Somalia)*
- *consider vaccination of all travellers*

Emergency Committee

- *next meeting end-July 2014*

THE EXPRESS TRIBUNE

PARTNER OF International New York Times

Polio-related travel restrictions

Inoculation certificates mandatory from June 1

Following govt appeal, WHO official grants time for effective implementation

A. KENDRI WAH
ISLAMABAD
 The Pakistan

to the WHO and to fully committed to their implementation in letter and spirit," said the statement.

An official in the Ministry of Health, who requested anonymity, said it will be mandatory from June 1 for people of all ages to receive polio drops and produce a certificate before travelling out of the country.

"A template for the required inoculation certificate has been prepared to comply with the WHO format, and a printing of template has been completed. The certificate can be in any paper with the stamps from health

officials," said the official. The official said that both the federal, and provincial governments since the

WISHTER HOUSE
MPs back polio-free Pakistan

A. KAMRAN
ISLAMABAD At least federal lawmakers have spoken up to the global threat from the endemic polio threat. Their reaction came a full week after the World Health Organisation (WHO) slapped Pakistan with an embarrassing penalty, being made for travellers from the country to obtain proof of

CHAWING POLIO
Karachi under the radar

A. D. S. C. ENVIRONMENT
ISLAMABAD Environmental agencies collected from high-risk areas in 12 major cities of the country indicated on Tuesday the presence of poliovirus in the sewage water of Karachi and Lahore. However, startlingly for the first time in the history of Pakistan, sewage samples

SPOTTED HOUSE, ANGE

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THE EXPRESS TRIBUNE

PARTNER OF International New York Times Sunday

A drop in time



ISLAMABAD, PAKISTAN At the annual meeting of the National Council of Educational Research and Training (NCERT) in Islamabad, Prime Minister Nawaz Sharif is seen listening attentively to the speech of the NCERT President, Dr. Anwar-ul-Haq Ali Khan.

THE EXPRESS TRIBUNE

PARTNER OF International New York Times

Stamping out polio

PM Nawaz orders inoculation of FATA children

Unimmunised tribal children will be barred from travelling to other parts of the country

A. SUDESHI KHAN

Prime Minister Nawaz Sharif revived the talking points on polio into far-reaching articles on Thursday when he ordered the compulsory vaccination of all children, including those in the Federally Administered Tribal Areas (FATA).

At the same time, the prime minister announced a polio campaign in the country led by the Chief of Armed Forces (CAF) General Raheel Sharif to ensure security of the polio teams by deploying the police at all FATA borders.

Under the premier's leadership



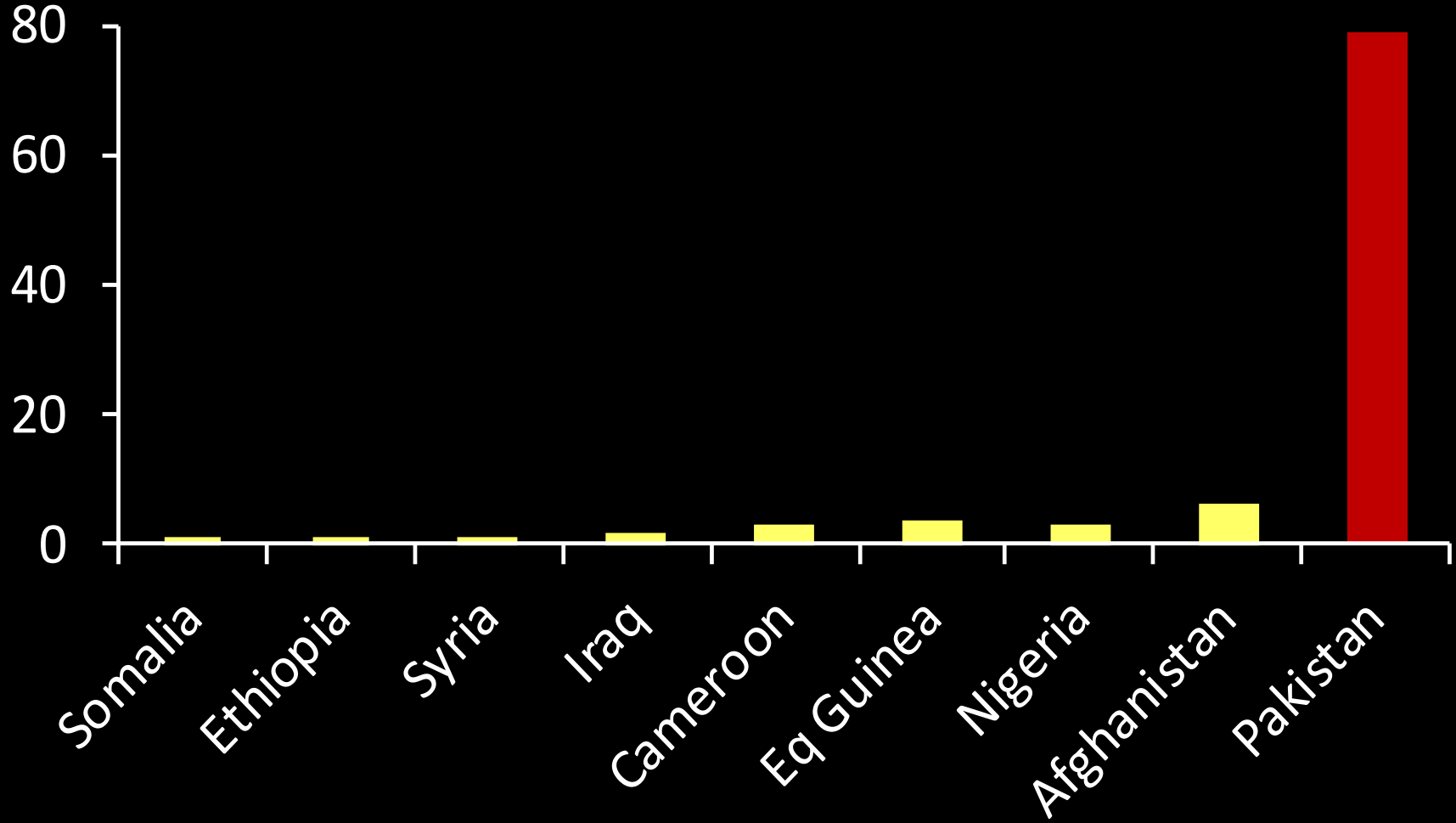
has ordered a polio campaign in the FATA to ensure security of the polio teams by deploying the army in all borders.

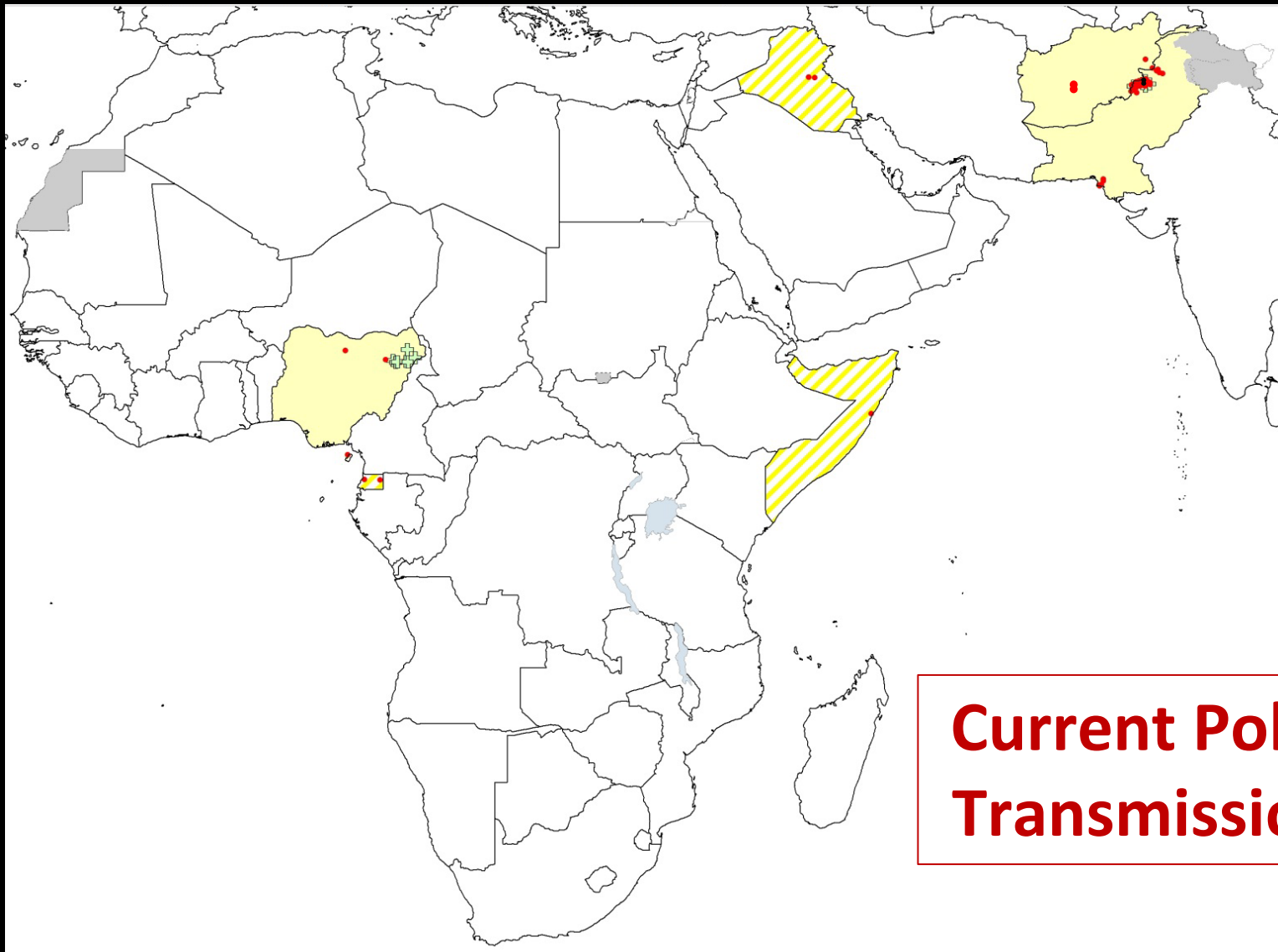
The premier's order is seen as a bid to regulate the flow of unimmunised people from the tribal areas into the rest of the country. The order is expected to ensure the security of the polio teams by deploying the police at all FATA borders.

Organization (WHO) and Pakistan on the lack of cooperation that are obstructing the eradication of polio. The WHO has expressed its concern over the slow progress in the FATA region. It has urged the government to take more aggressive measures to ensure the immunisation of children in the region.

which were delivered in a statement - children in high-risk FATA - where immunisation campaigns had been halted for two years - will be barred from crossing provincial boundaries if they are not vaccinated.

Polio in 2014





**Current Polio
Transmission**

Priorities

Getting Pakistan 'back on track'...

Emergency operations centers (*Nat'l, prov, key areas*)

Intensified Transit Vaccination/FATA

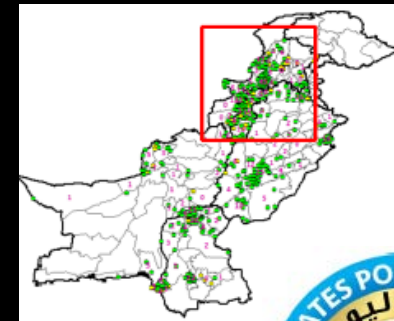
- *bOPV, IPV*
- *children + older age groups*

'Localizing' of the programme:

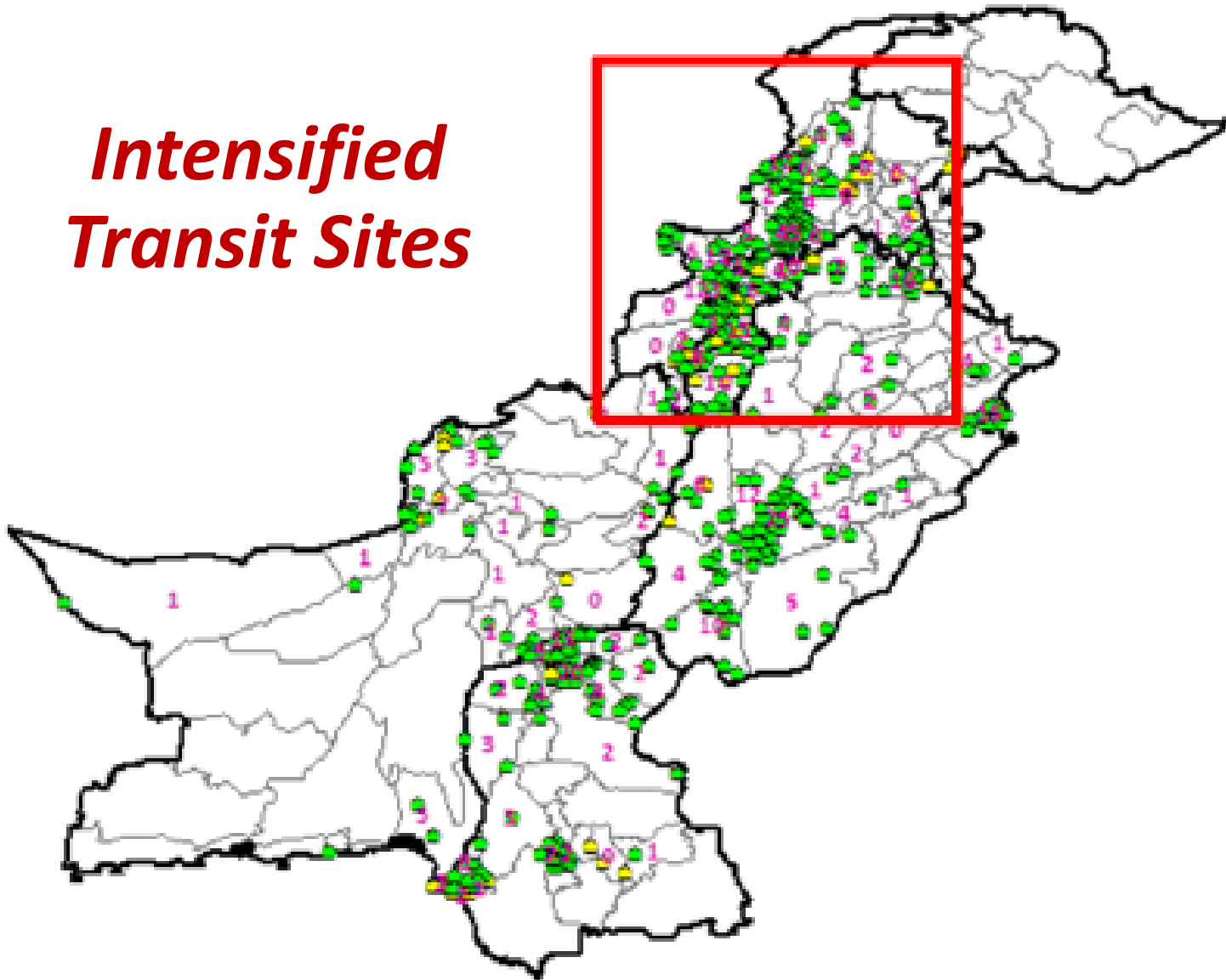
- *UAE Project/FATA;*
- *'Sehat ka Insaaf' /Peshawar*

Insecure areas

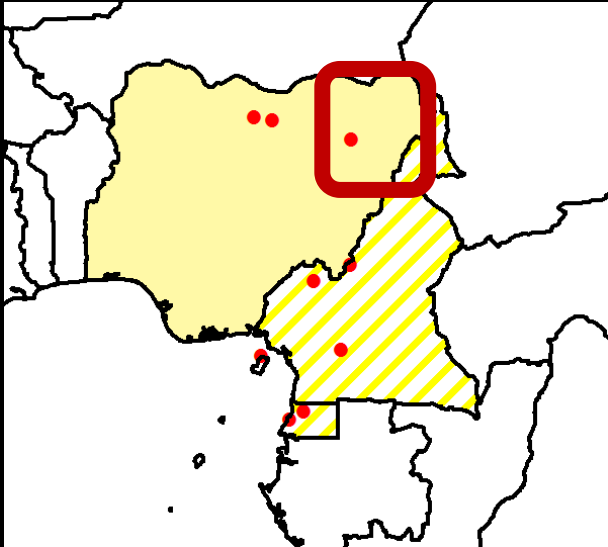
- *'protected campaigns': Peshawar, Karachi, FATA*
- *negotiated access/Waziristan (religious/tribal/govt/mil)*



***Intensified
Transit Sites***

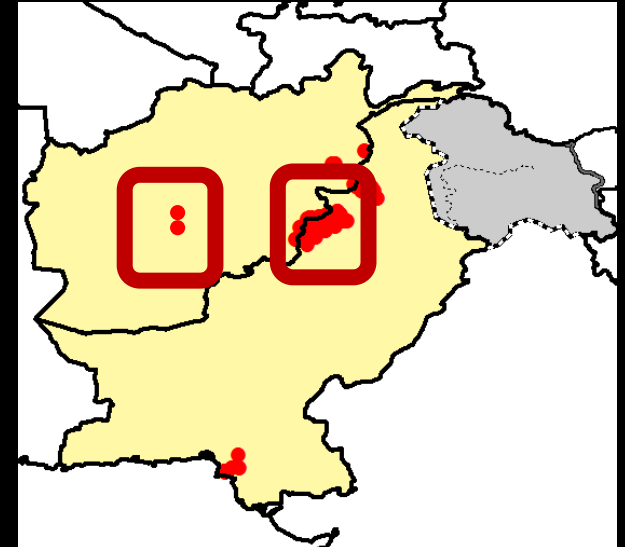


Vaccinating in 'inaccessible' areas...



Borno
Nigeria

Helmand
Afghanistan



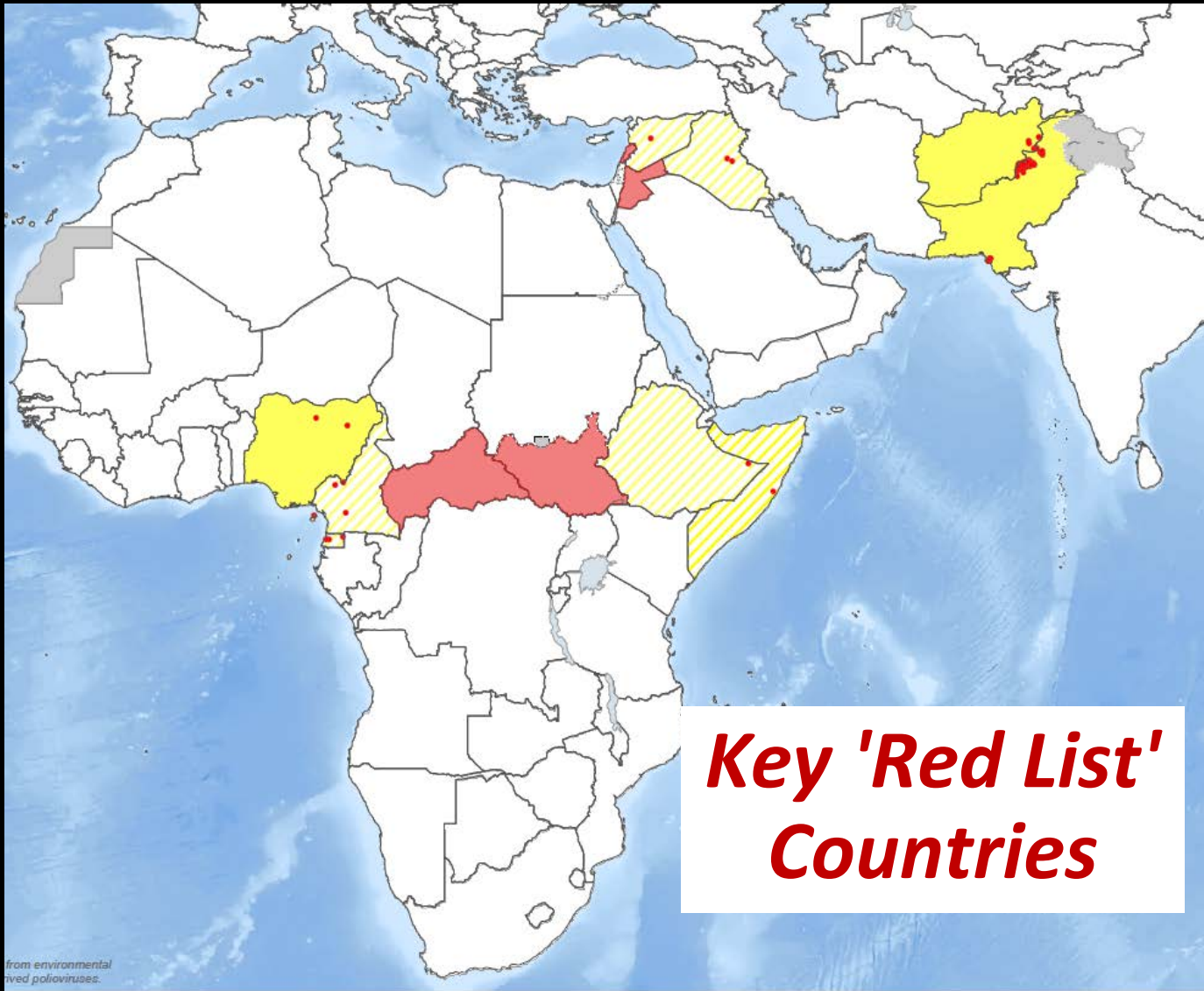
FATA
Pakistan

Stopping outbreaks...

- Middle East
 - *Phase II Outbreak Response*
 - *complicated by Iraq situation*
- Central Africa
 - *Coordinated Response Plan*
 - *potential surveillance gaps*
- Horn of Africa
 - *residual nomad case*
- New outbreaks
 - *new protocol: zonal approach, advocacy, coord, 1 month assess*

Eliminating international spread...

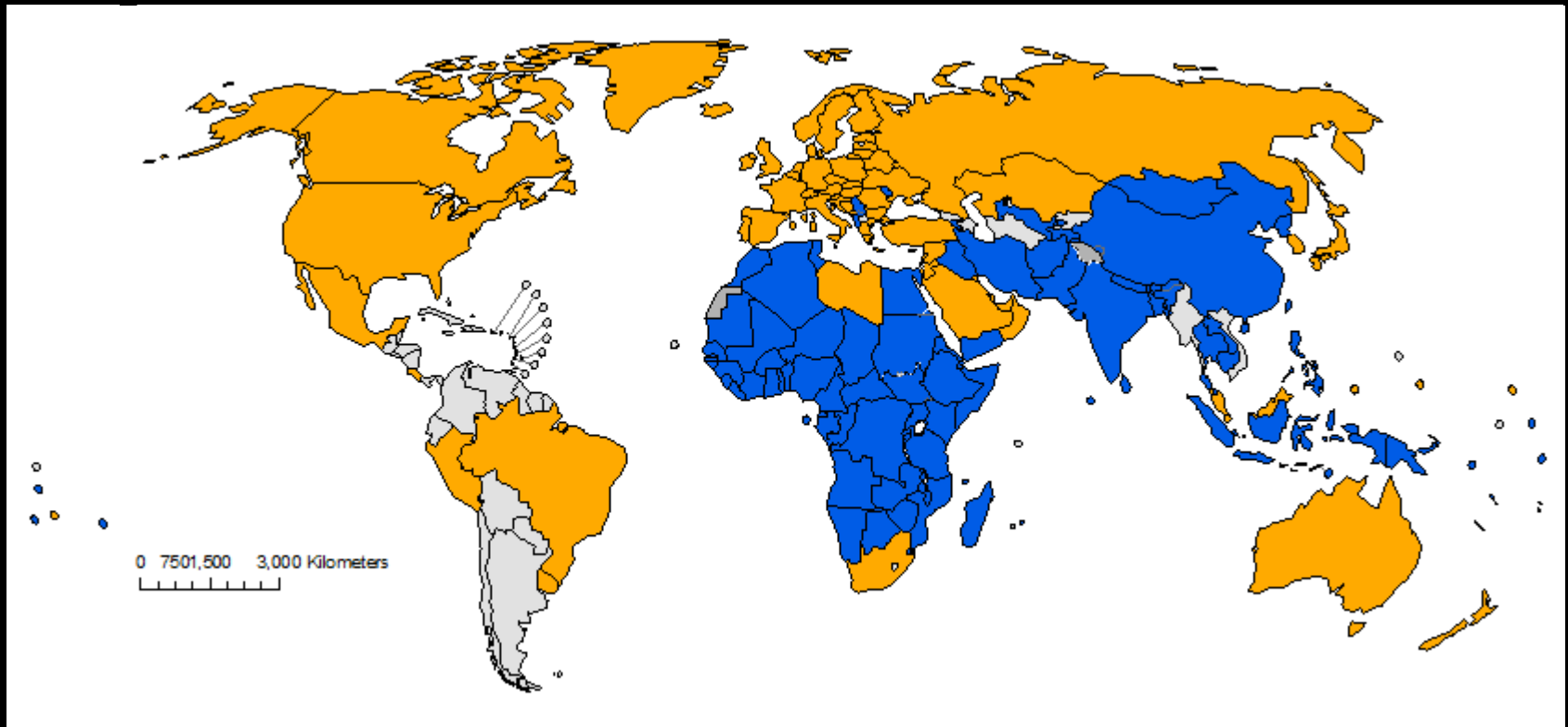
- Africa - scale-up OPV campaigns in polio-free as well as high-risk countries
- Global - IHR Temporary Recommendations
 - *IHR Emergency Committee (end-July)*
- Red List - new GPEI protocol (following IMB)



from environmental
rived polioviruses.

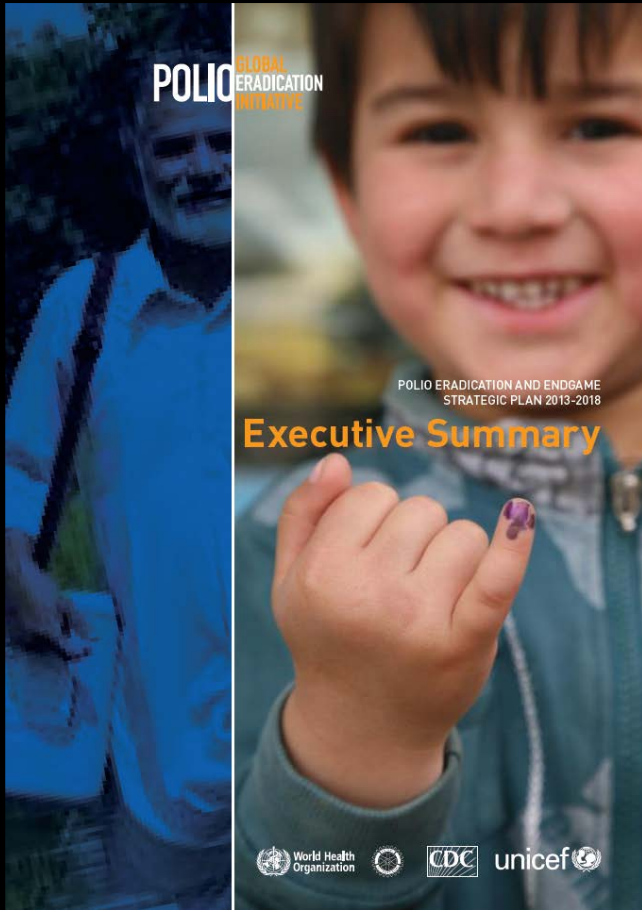
Accelerating IPV introduction...

- 71 countries already using IPV
- 80 firm plan to introduce by end-2015
- 42 have not yet announced a plan



Prospects

1. Polio-free Africa (2014)
2. Stop outbreaks & int'l spread
3. Pakistan/Afghanistan back on-track



New Tactics

New Vaccines



New Partners

