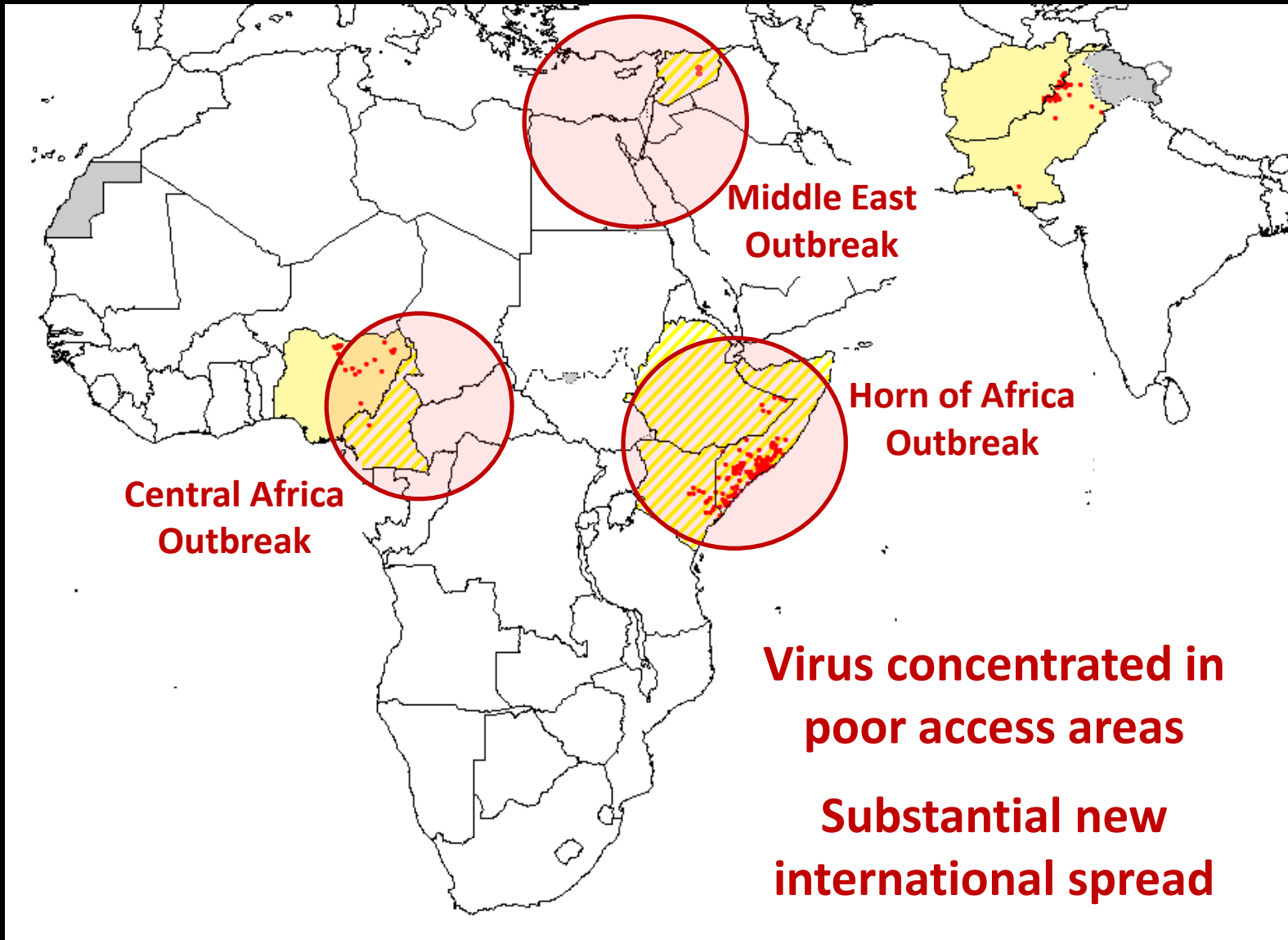


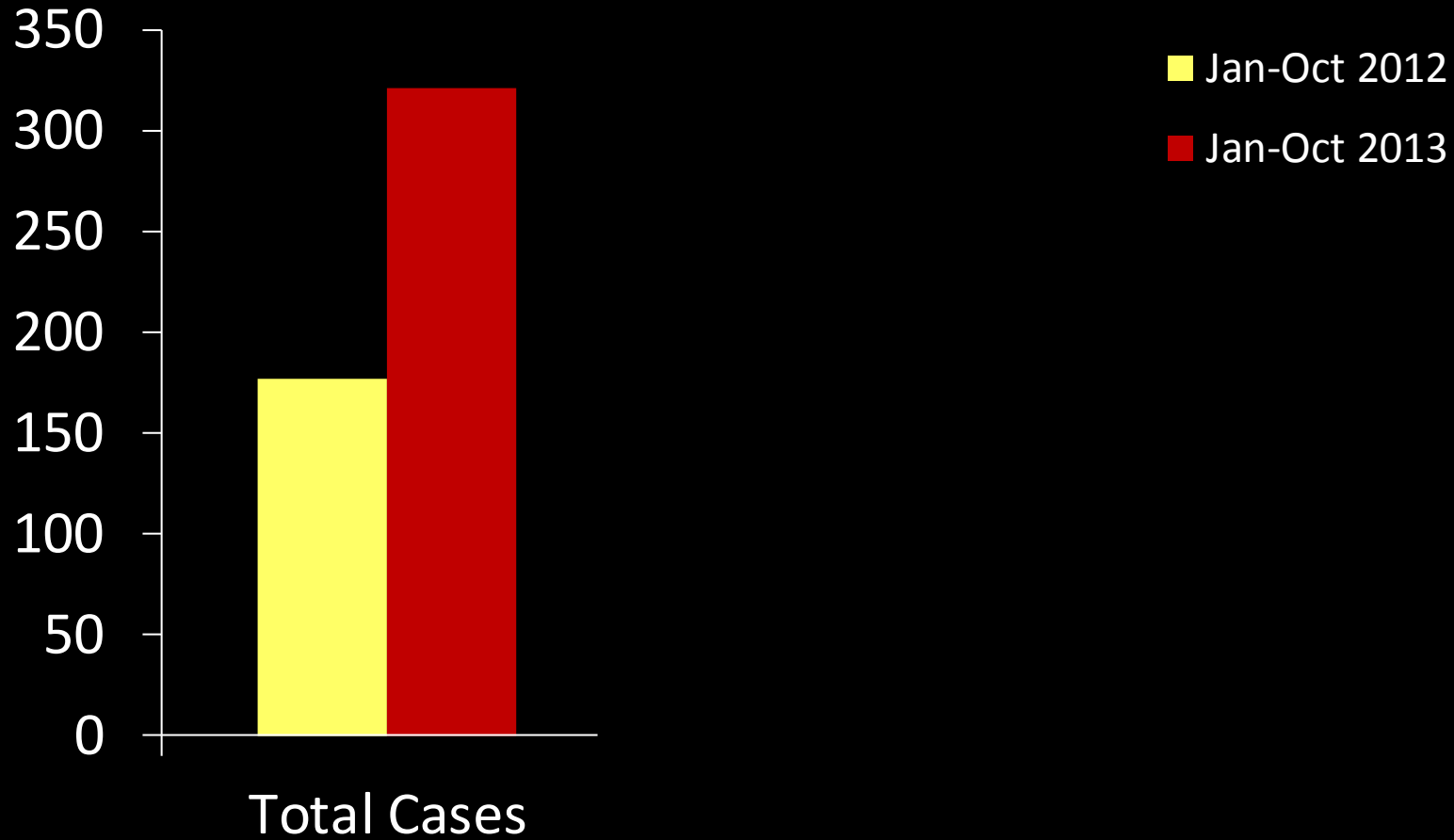
Overview of the Polio Country Situation

- global polio situation
- polio in endemic countries
- international spread of polio, 2013
 - Horn of Africa
 - Middle East
 - Central Africa
- current priorities

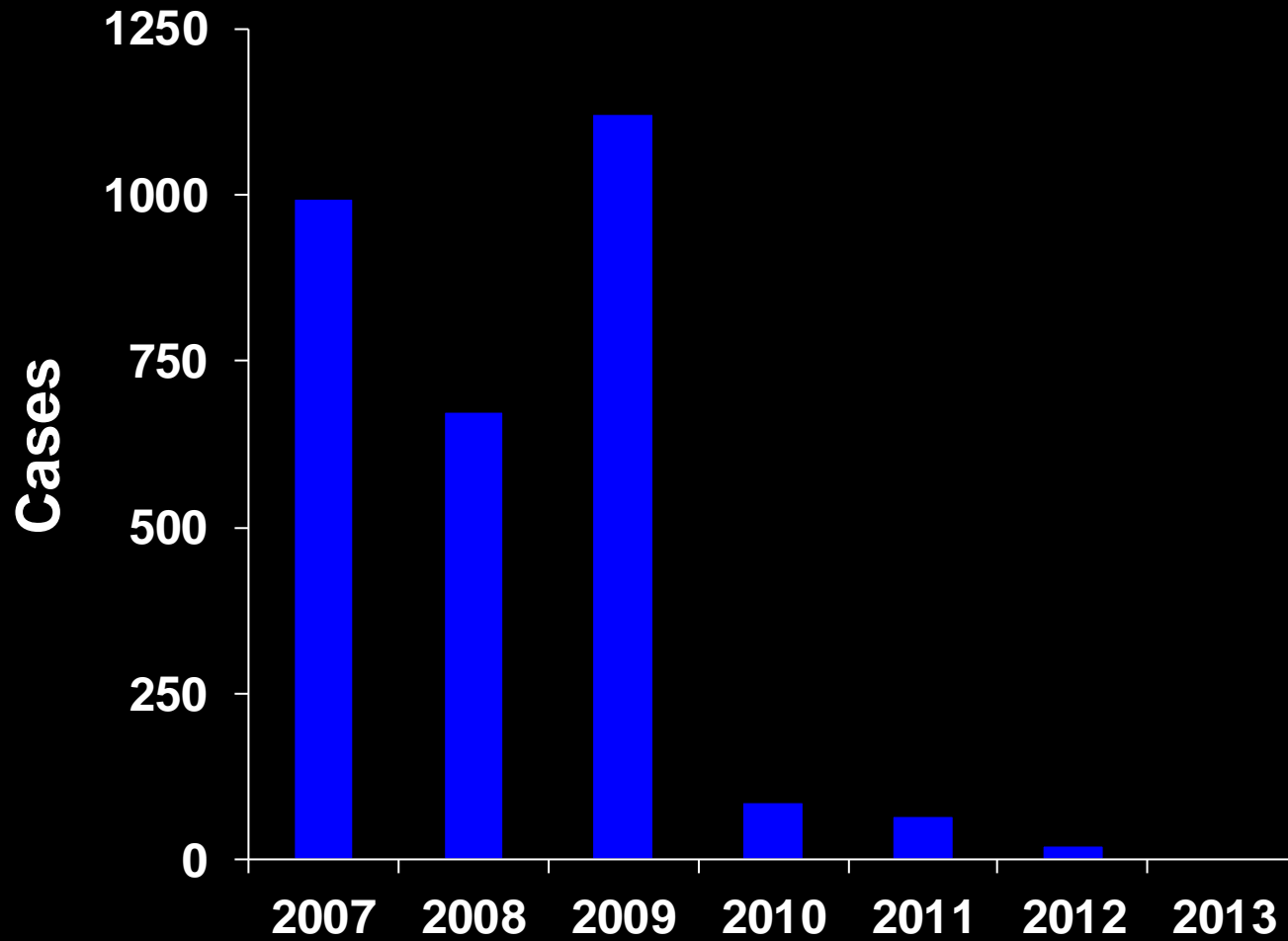
Polio Cases, last 6 months



Polio-paralyzed children, 2013

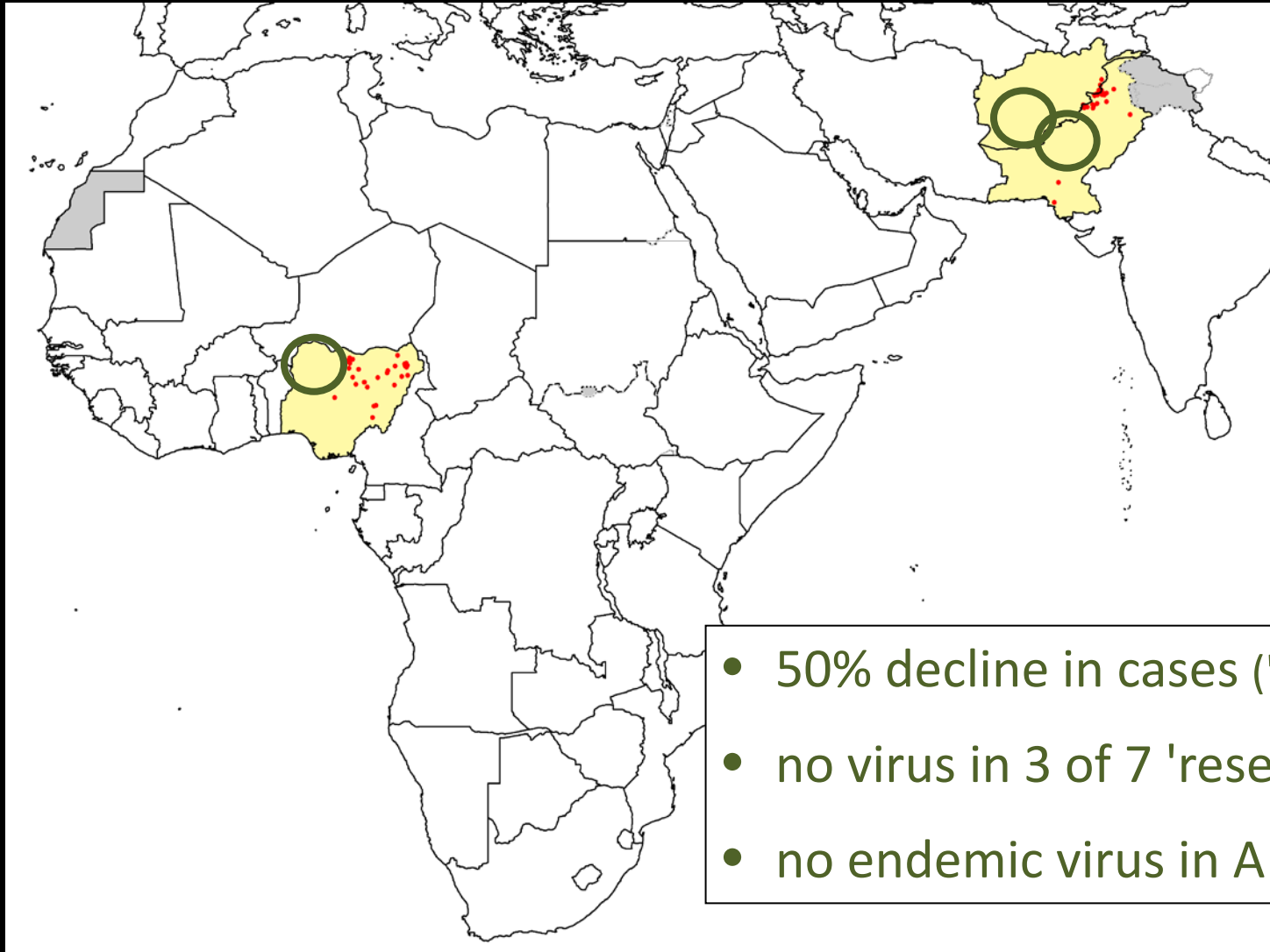


Polio, type 3 cases

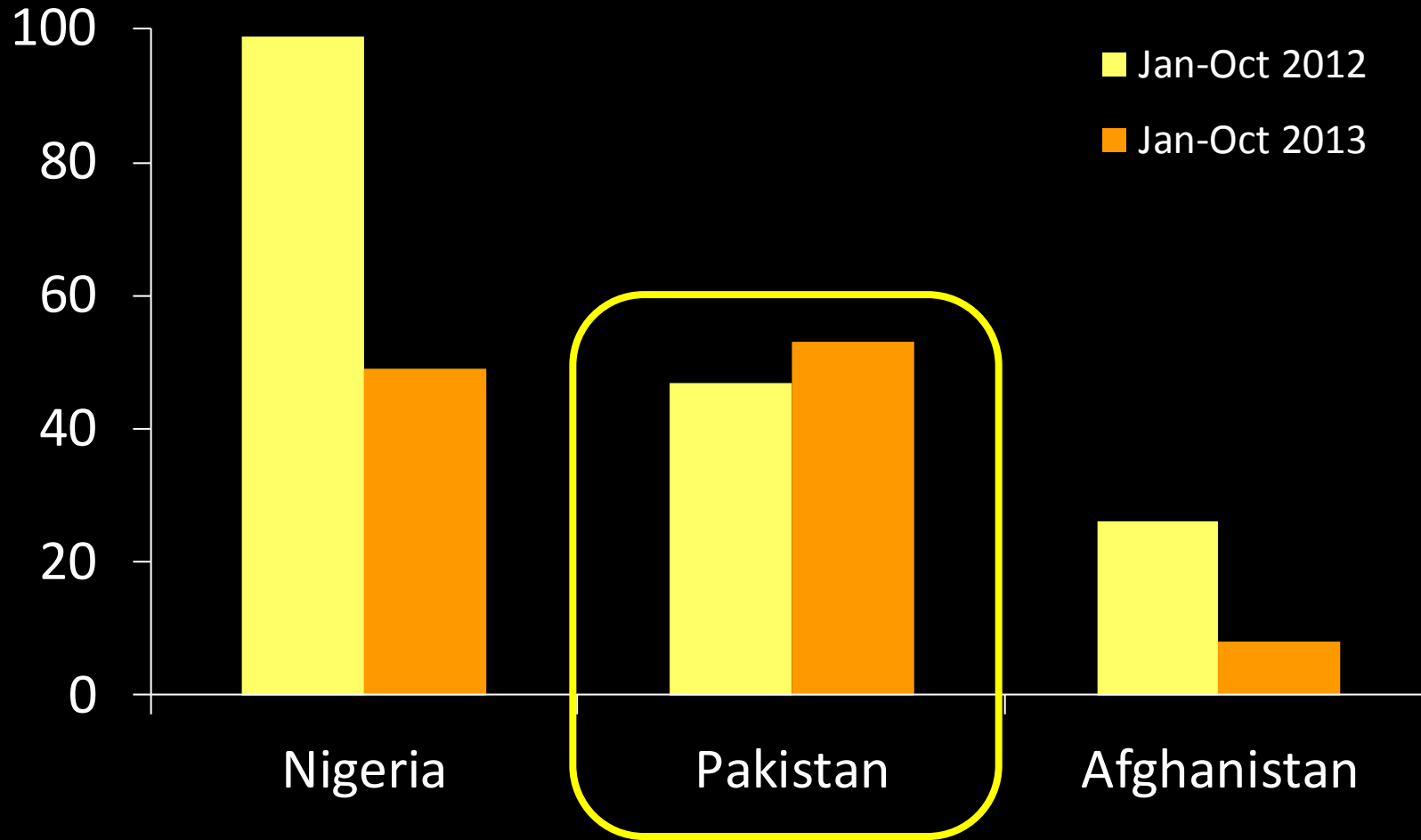


Endemic Countries

Endemic Polio Cases, last 6 months



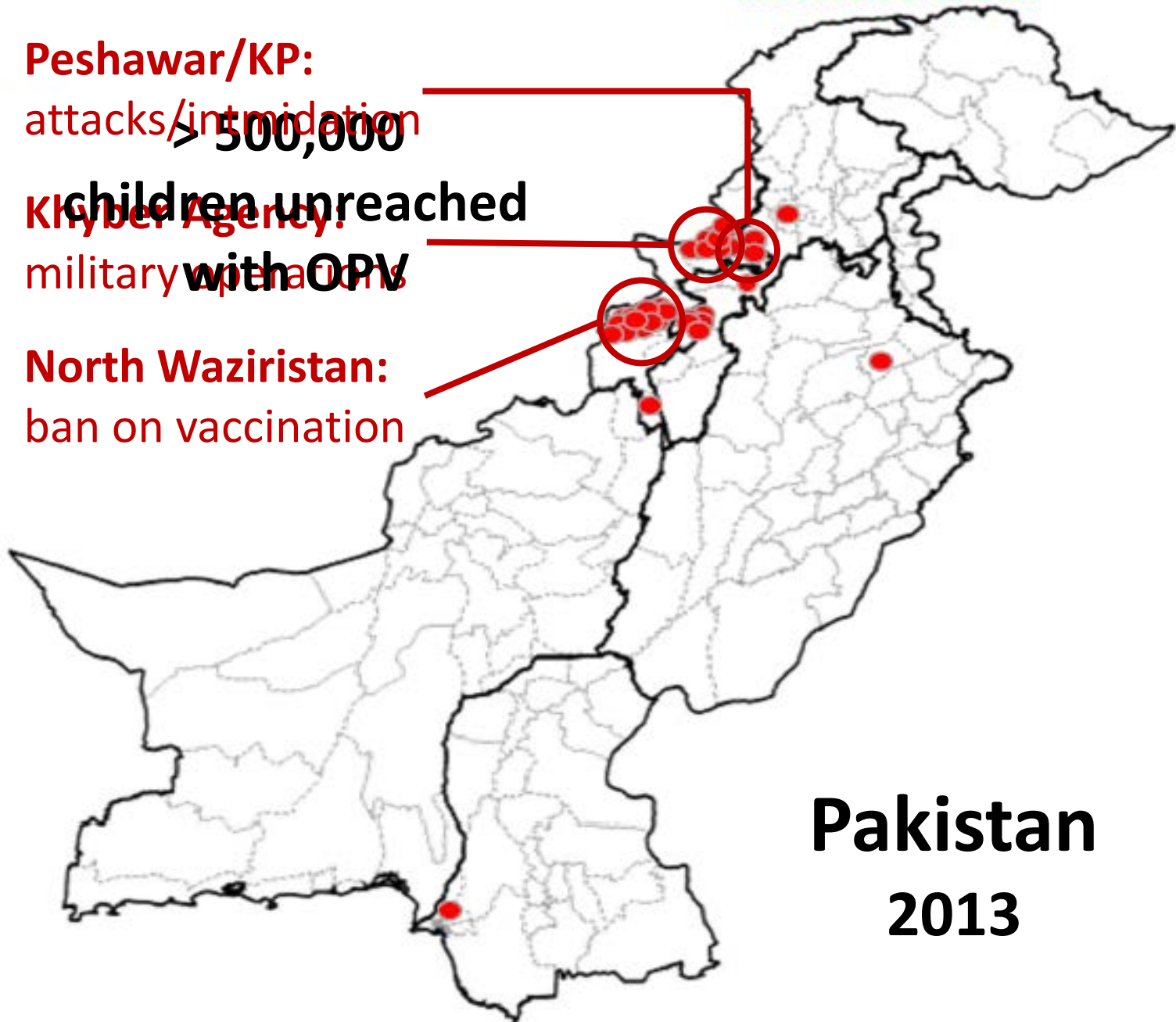
Polio-paralyzed children



Peshawar/KP:
attacks/intimidation
> 500,000

Khyber Agency:
military operations
children unreached
with OPV

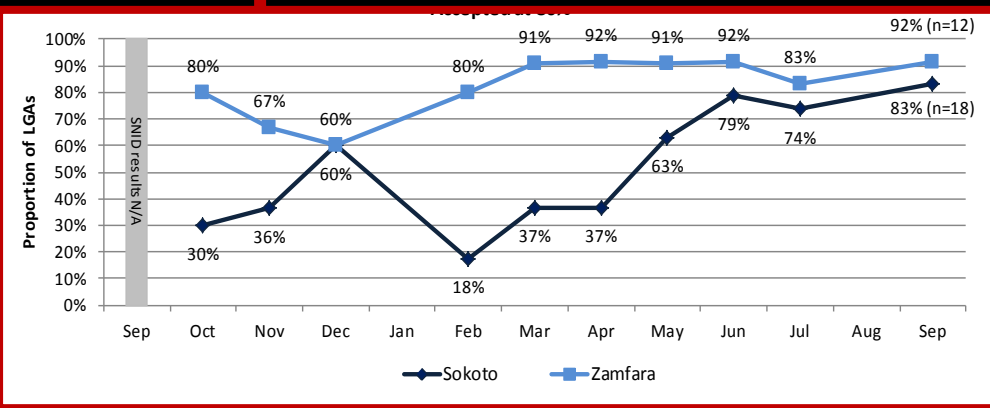
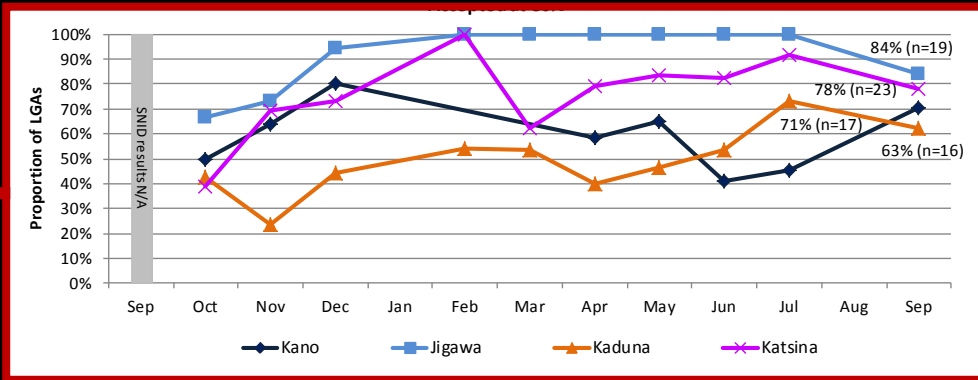
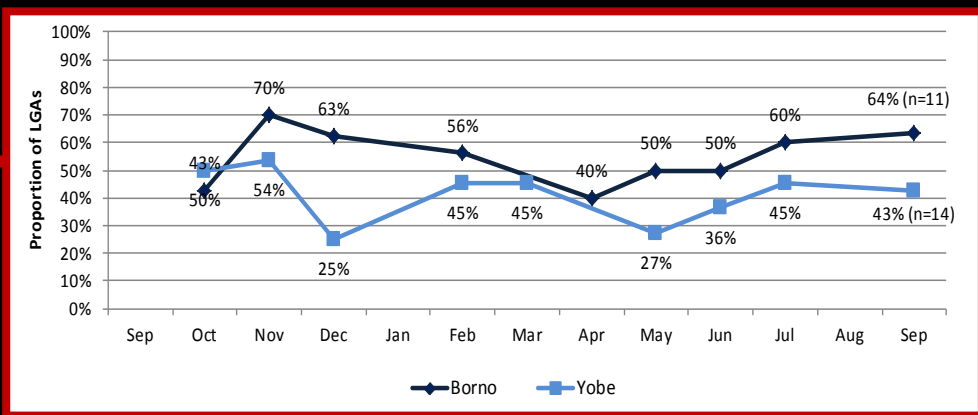
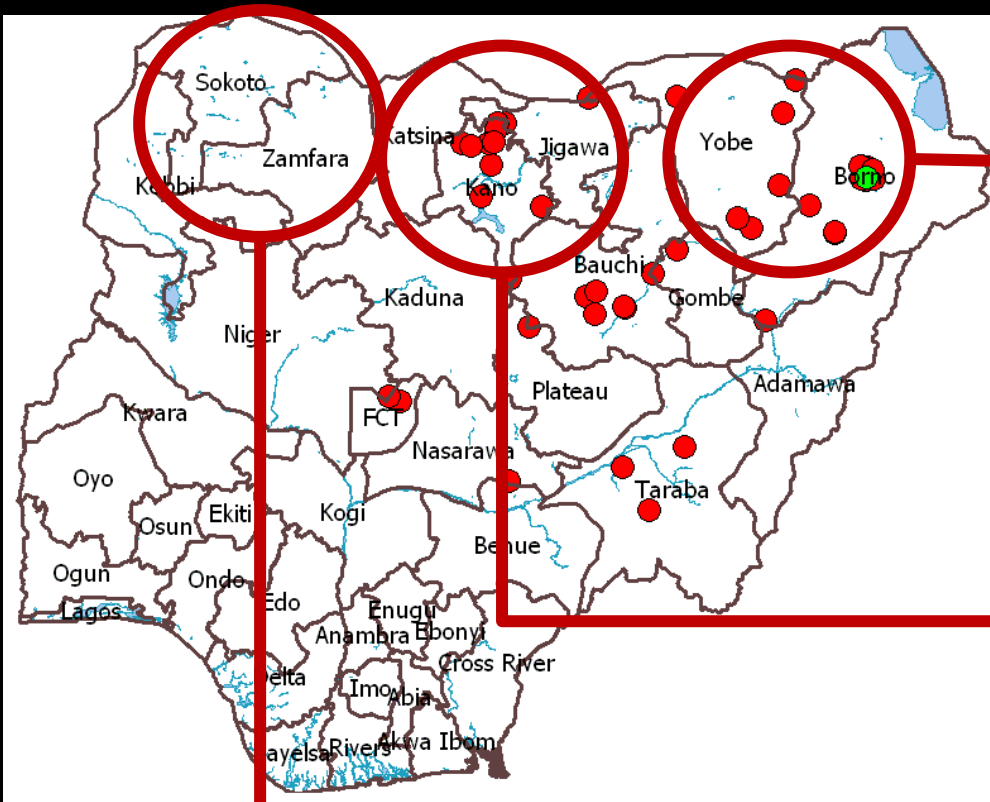
North Waziristan:
ban on vaccination



Pakistan
2013

Pakistan Priorities

- area-specific access plans
- transit site vaccination
- religious scholars initiative (with Saudi Arabia)
- elders negotiation
- Pakistan military engagement (with UAE)
- provision of physical security
- operationalize Prime Minister's Cell



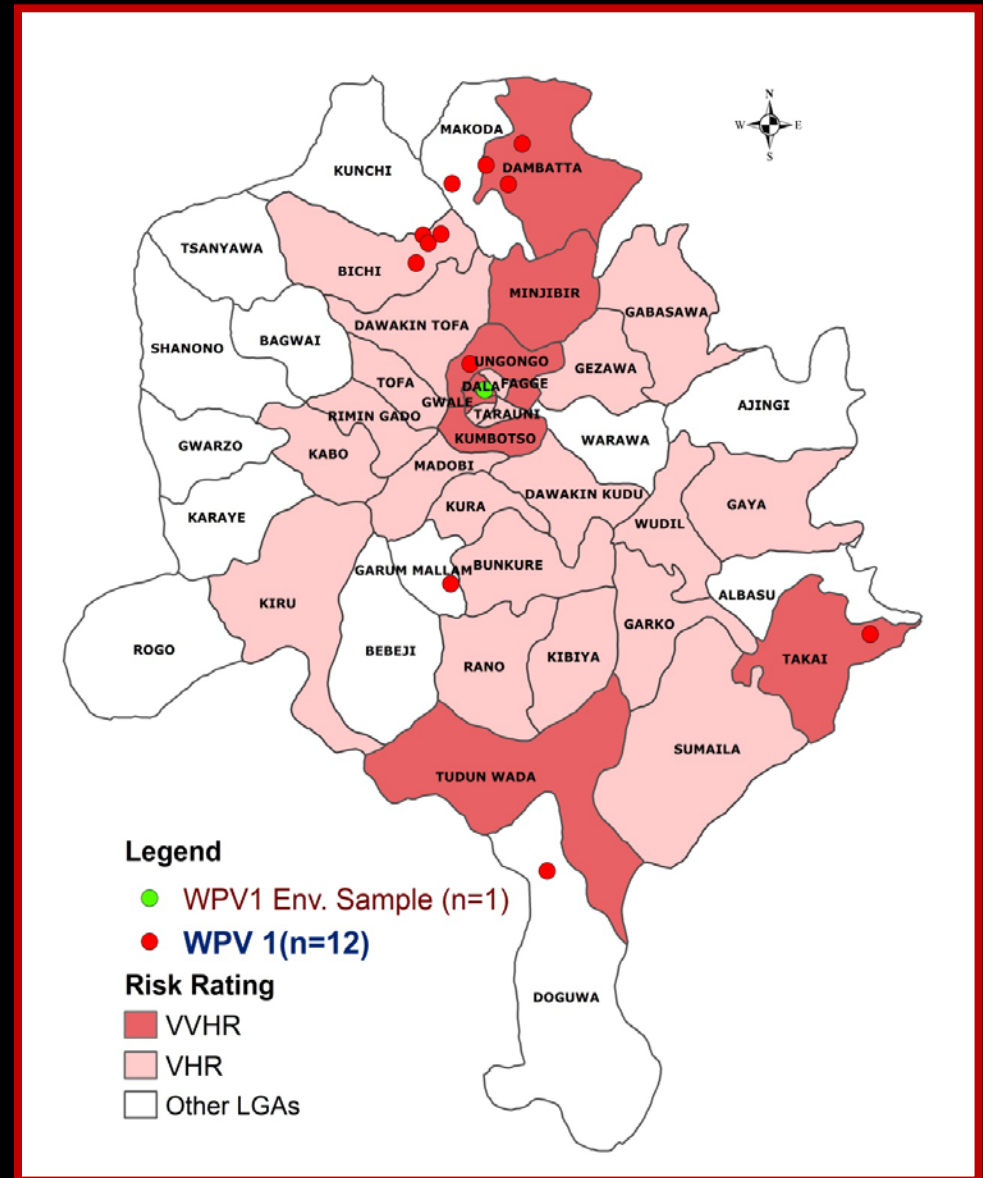
Nigeria 2013

Kano

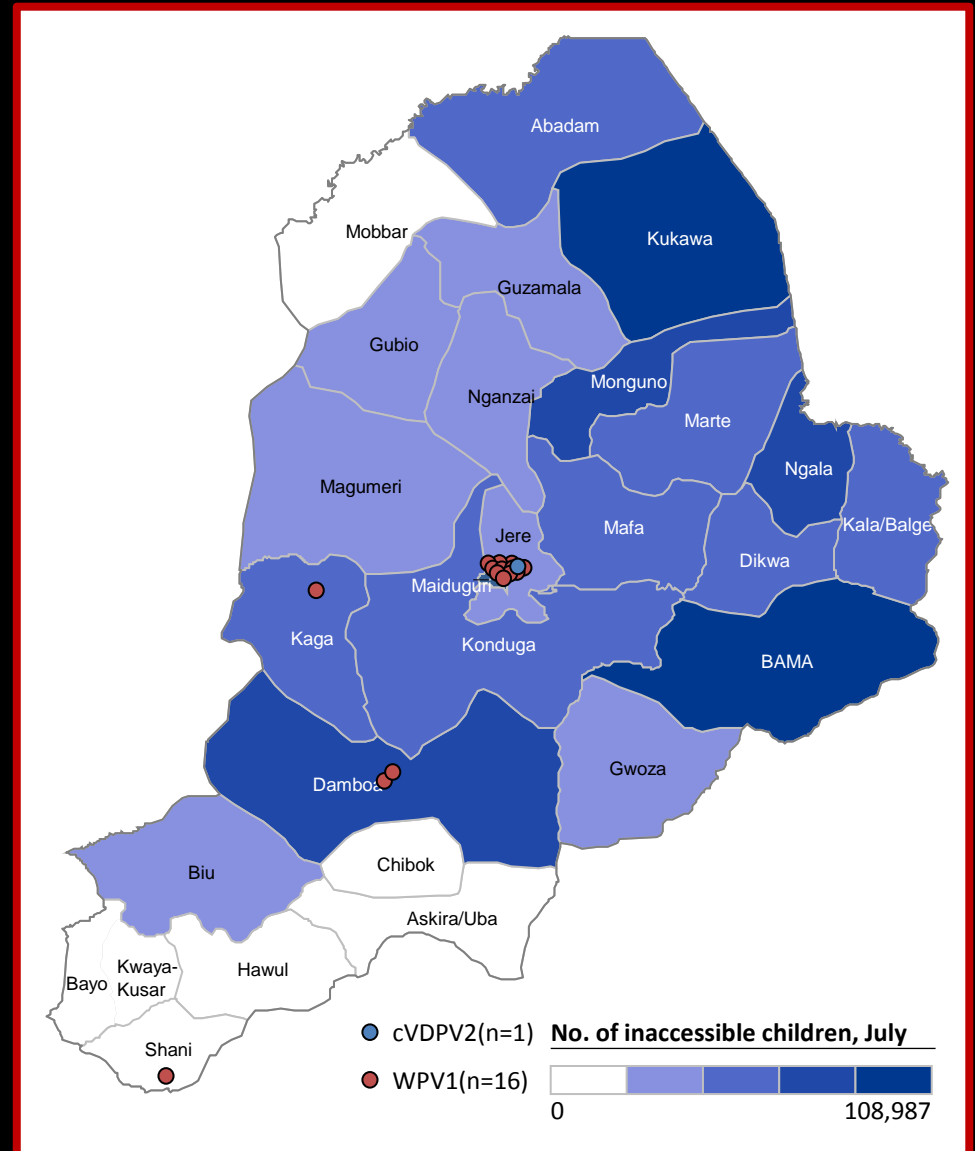
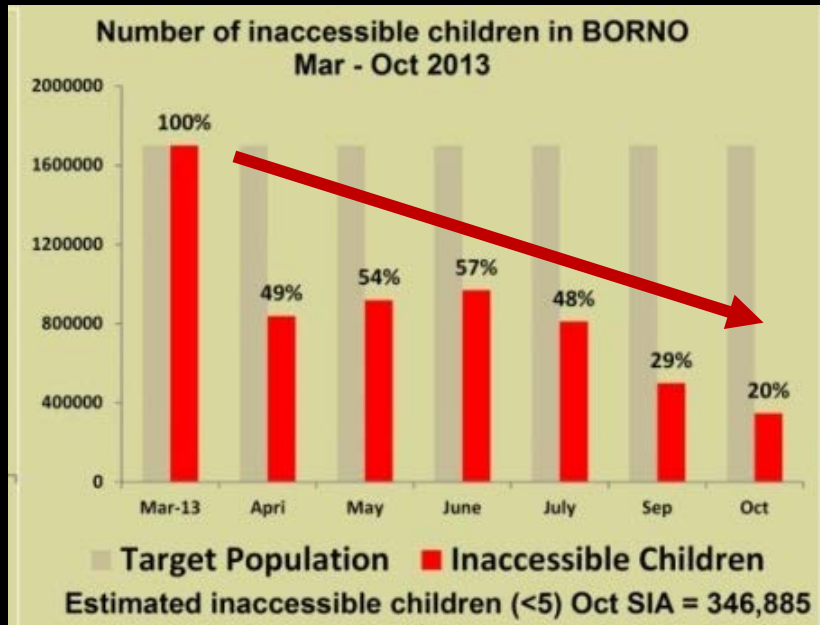
Weak oversight

Programme focus

- LGA (district chairman engagement)
- new tactics: '4 x 4' strategy
- systematic 'pluses'
- multi-pronged comms strat.



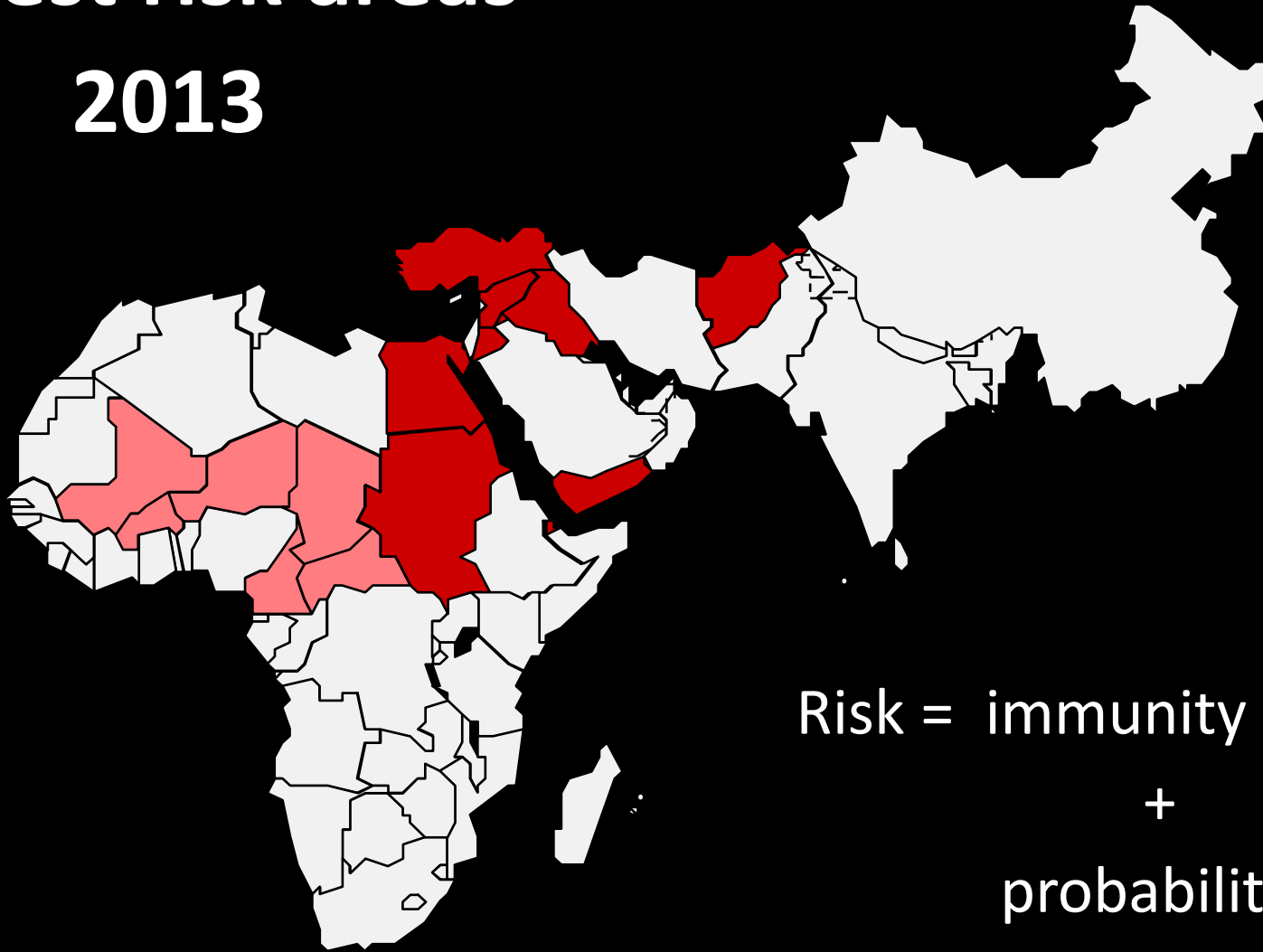
Borno Insecurity



International Spread

Highest risk areas

2013

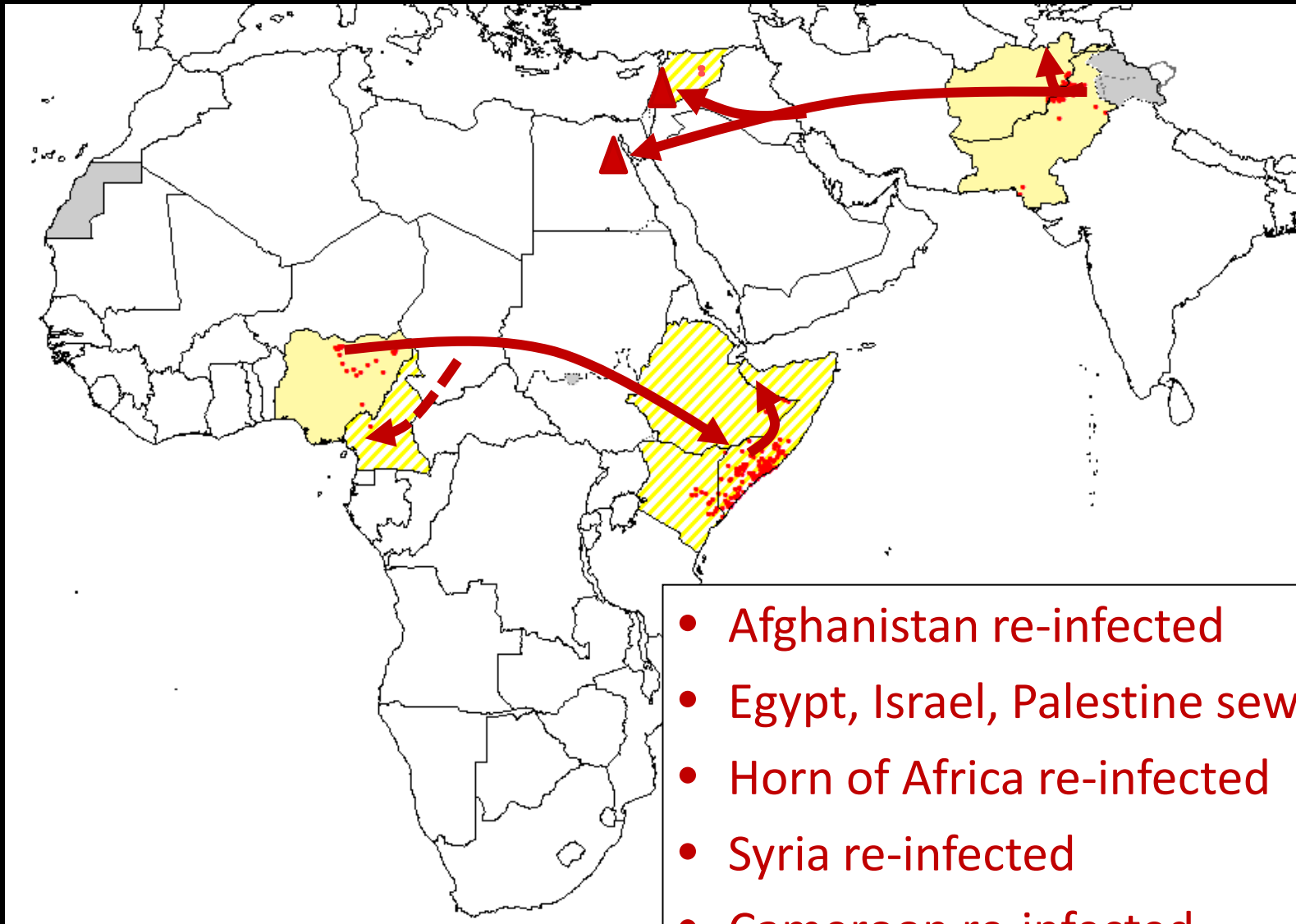


Risk = immunity gap
+
probability of
importation

Reducing Vulnerability

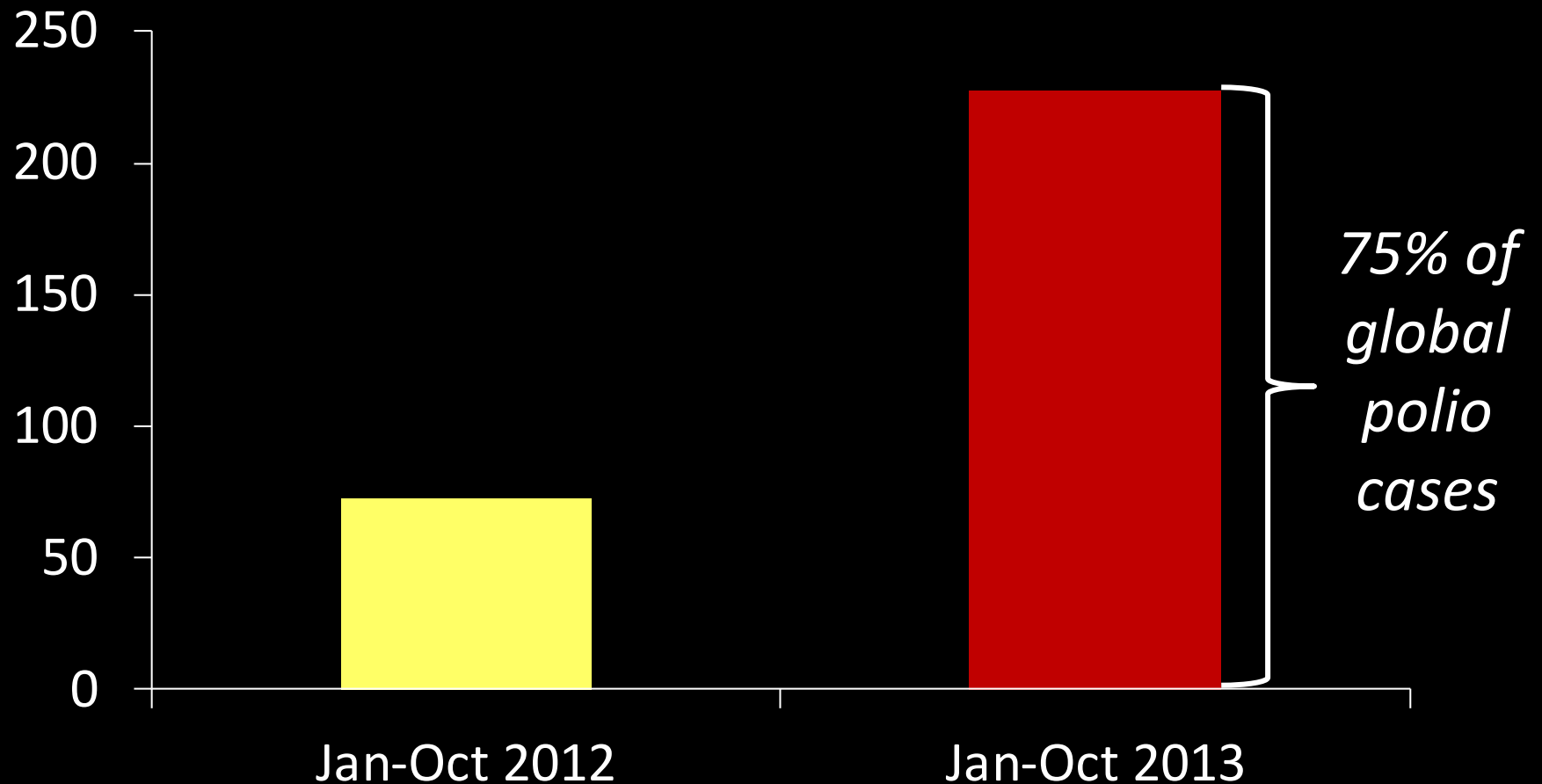
- AFP surveillance (AFP rate >2 at prov/gov level)
- routine immunization/EPI coverage
- early IPV introduction
- OPV campaigns (NIDs or SNIDs)
- vaccination of travellers
(per WHO *International Travel & Health*)

International Spread of Polio



- Afghanistan re-infected
- Egypt, Israel, Palestine sewage
- Horn of Africa re-infected
- Syria re-infected
- Cameroon re-infected

Polio, Eastern Mediterranean (EMR)

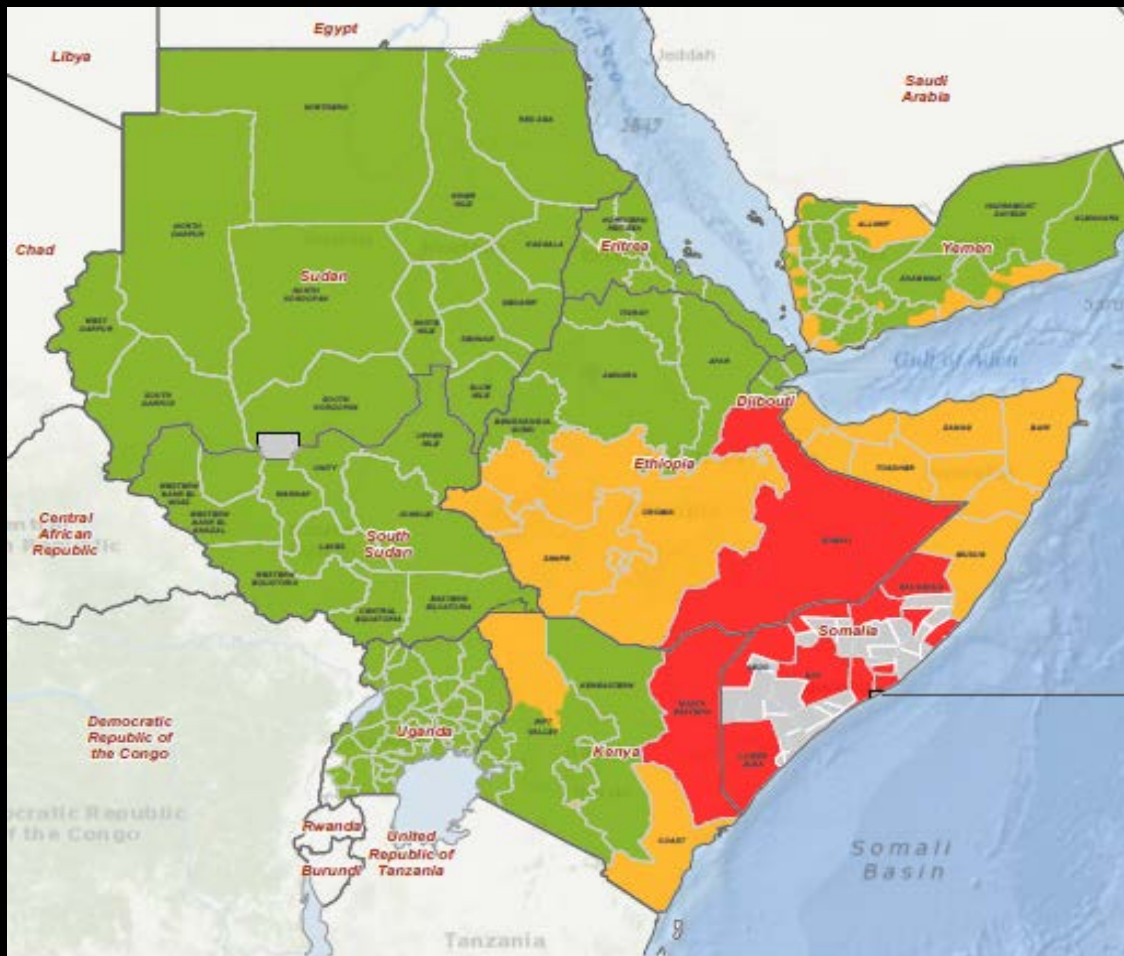






Horn of Africa

Horn of Africa

Polio Outbreak Response 'Zones' & Zone-Specific Strategies

(May 2013)



	OBJECTIVE 1 (Outbreak zones)		OBJECTIVE 3 (Inaccessible zones)
	OBJECTIVE 2 (High risk areas)		OBJECTIVE 4 (Other HOA areas conducting SIAs)

Outbreak/Amplifier Zone:

- whole population
- short-interval additional dose strategy
- 6-8 rounds
- 4 month target to stop transmission
- IPV (north Kenya)

Historic Spread Zone:

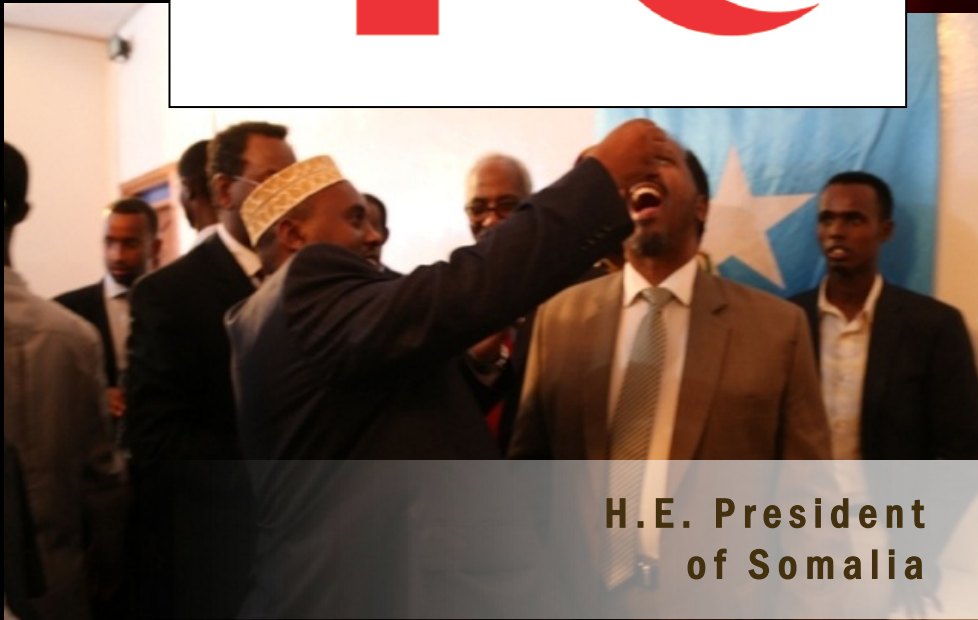
- expanded age groups (eg. < 10 years)
- 4 rounds
- reduce reinfection

Inaccessible Zone:

- expanded age groups (eg. < 10 years)
- delink to UN/Gov't; transit site/border vaccination
- local access negotiation (Red Cres, NGOs, private sect)
- Permanent Vaccination Posts (PVPs)



Bivalent OPV



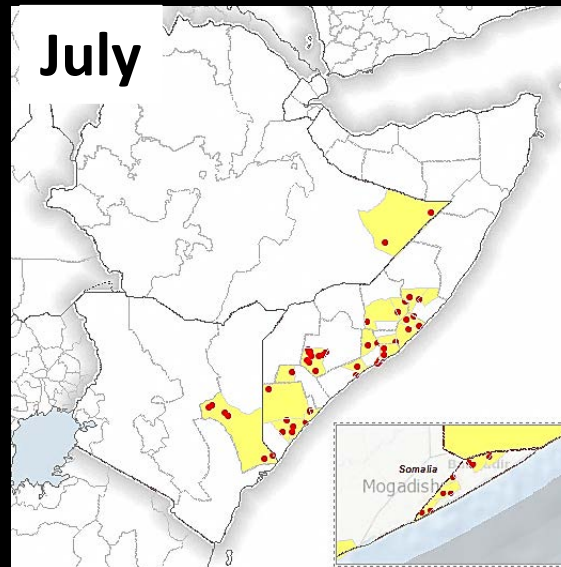
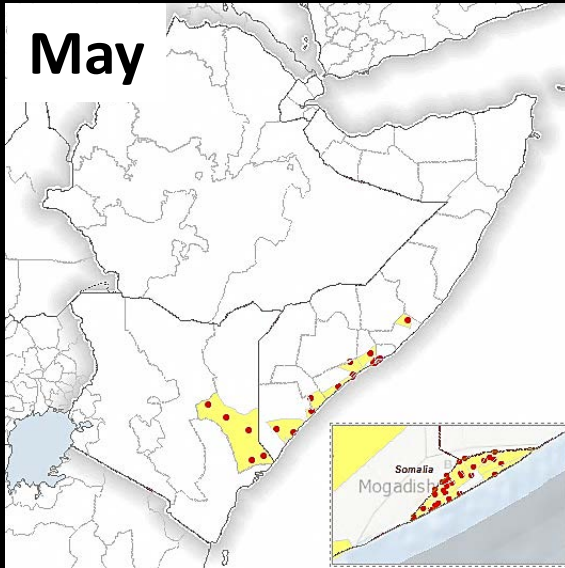
H.E. President
of Somalia



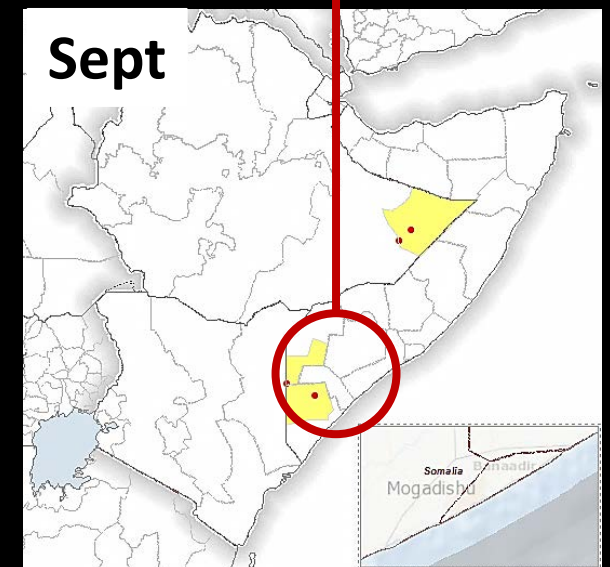
1st Lady of Kenya Margaret Kenyatta

Horn of Africa, 2013

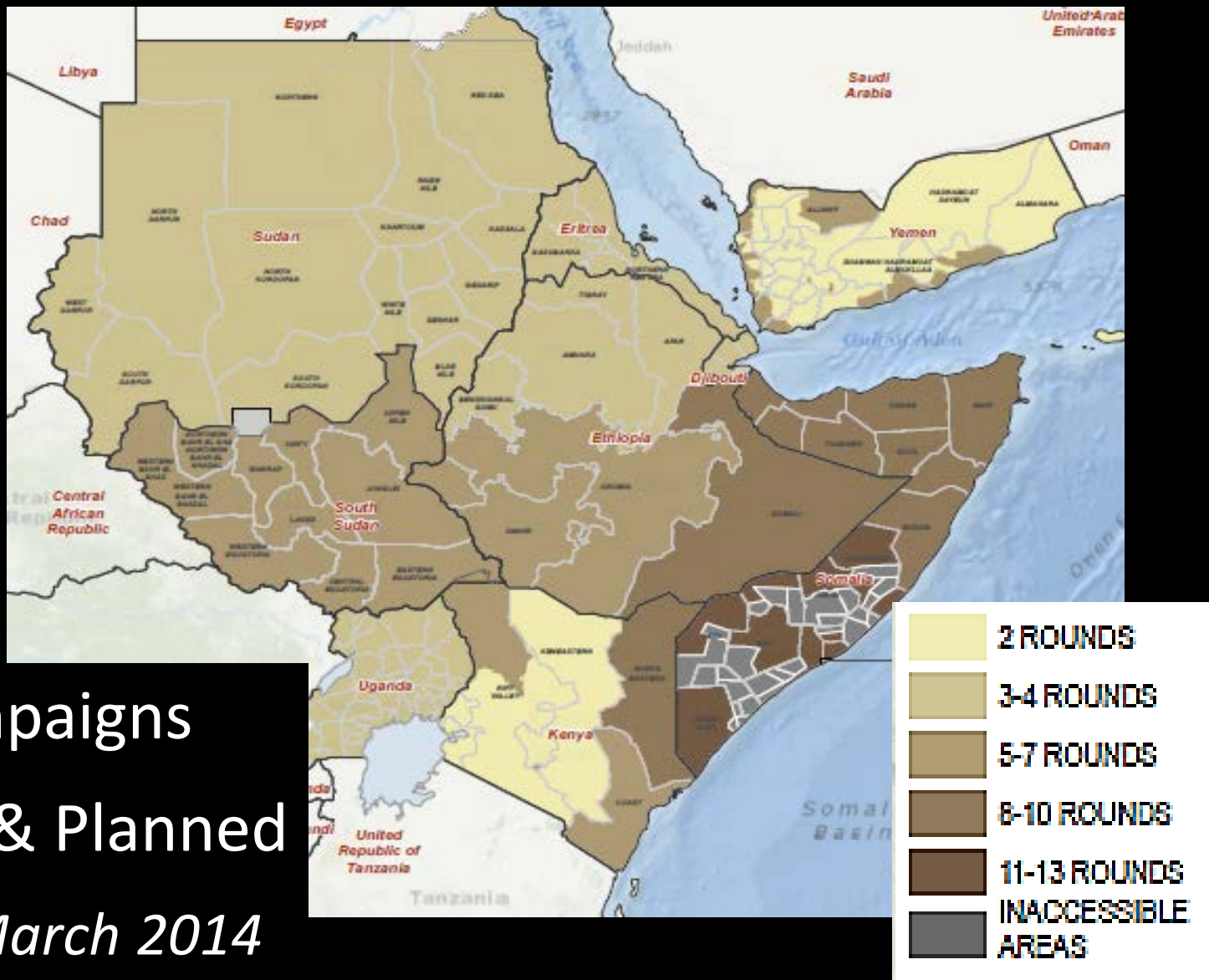
Impact to date



**>500,000
inaccessible
children**



OPV Campaigns
Conducted & Planned
May 2013-March 2014



Enhancing Coverage in Inaccessible Areas

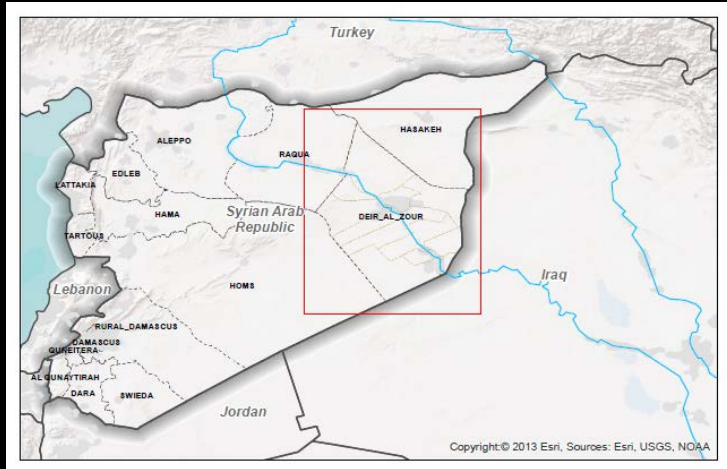
Negotiate access	<ul style="list-style-type: none">▪ Govt. & relevant 3rd parties▪ Islamic Advisory Group▪ countries with influence
Engage communities	<ul style="list-style-type: none">▪ tailored communications▪ PolioPlus
Adapt tactics & tools	<ul style="list-style-type: none">▪ short interval dosing, short duration SIA▪ optimum vaccine mix (mOPV1)
Establish new platforms	<ul style="list-style-type: none">▪ transit point vaccination▪ Permanent Polio Teams, NGOs
Strengthen management	<ul style="list-style-type: none">▪ dedicated outbreak/area managers▪ optimized staffing

Immediate Priorities, Horn of Africa

- scale-up proven initiatives in south/central Somalia
- continue new access initiatives in south/central Somalia
- sustained OPV campaigns across HoA
- strengthen coordination, Nairobi

Middle East & Syria

Confirmed Polio in Syria



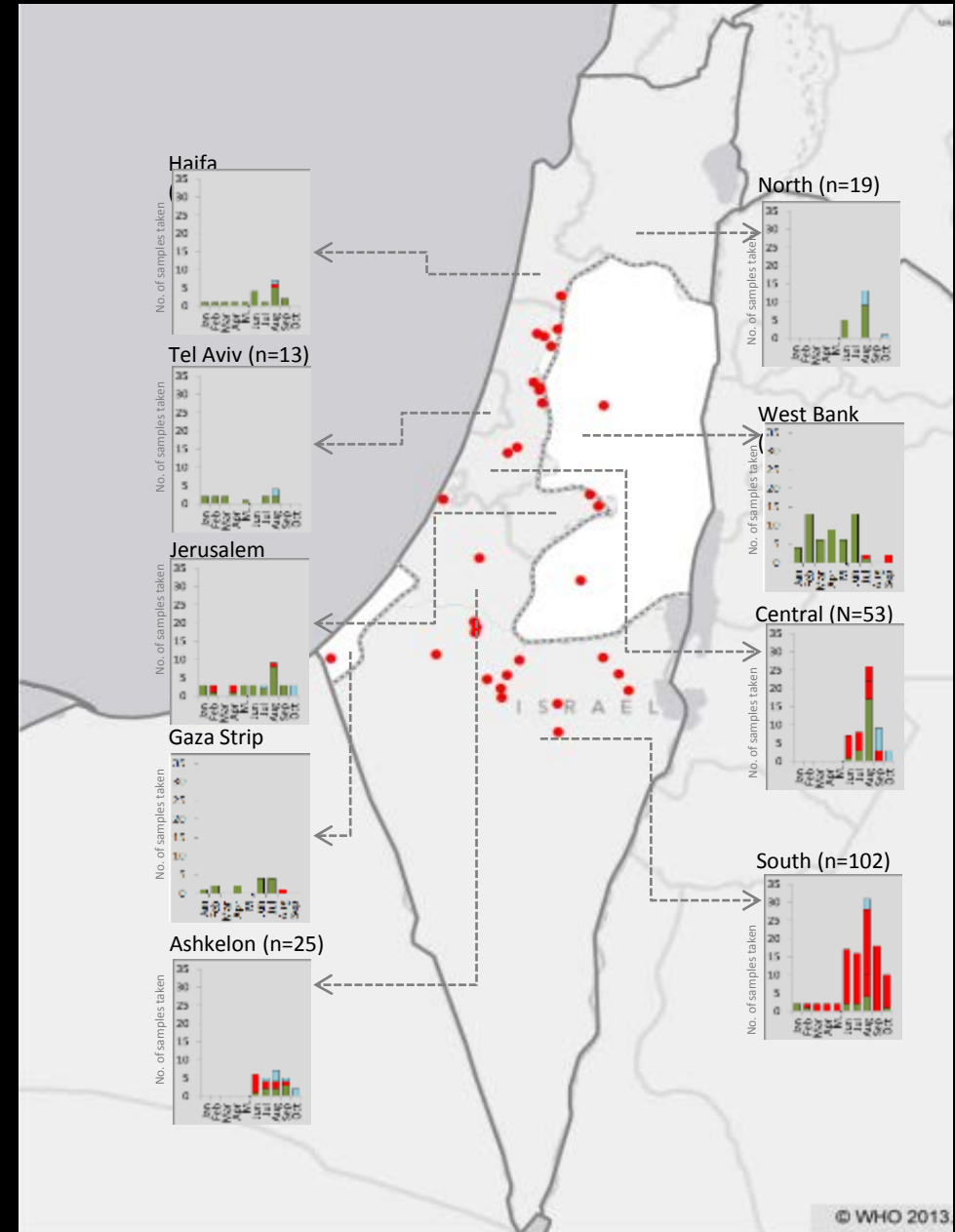
- 10 confirmed cases
- onset Aug - Oct
- probably EGY/PAK origin
- response plan ongoing



Wild Poliovirus in Environmental Samples

Feb - Oct 2013

- found in Israel in May
- historic samples +ve from Feb
- linked to Egypt, Dec 2012
- bOPV response ongoing
- detected in West Bank (Jul, Sept) & Gaza Strip (Aug)



*'Declares the new international spread of
wild poliovirus an emergency for all Eastern
Mediterranean Member States....'*

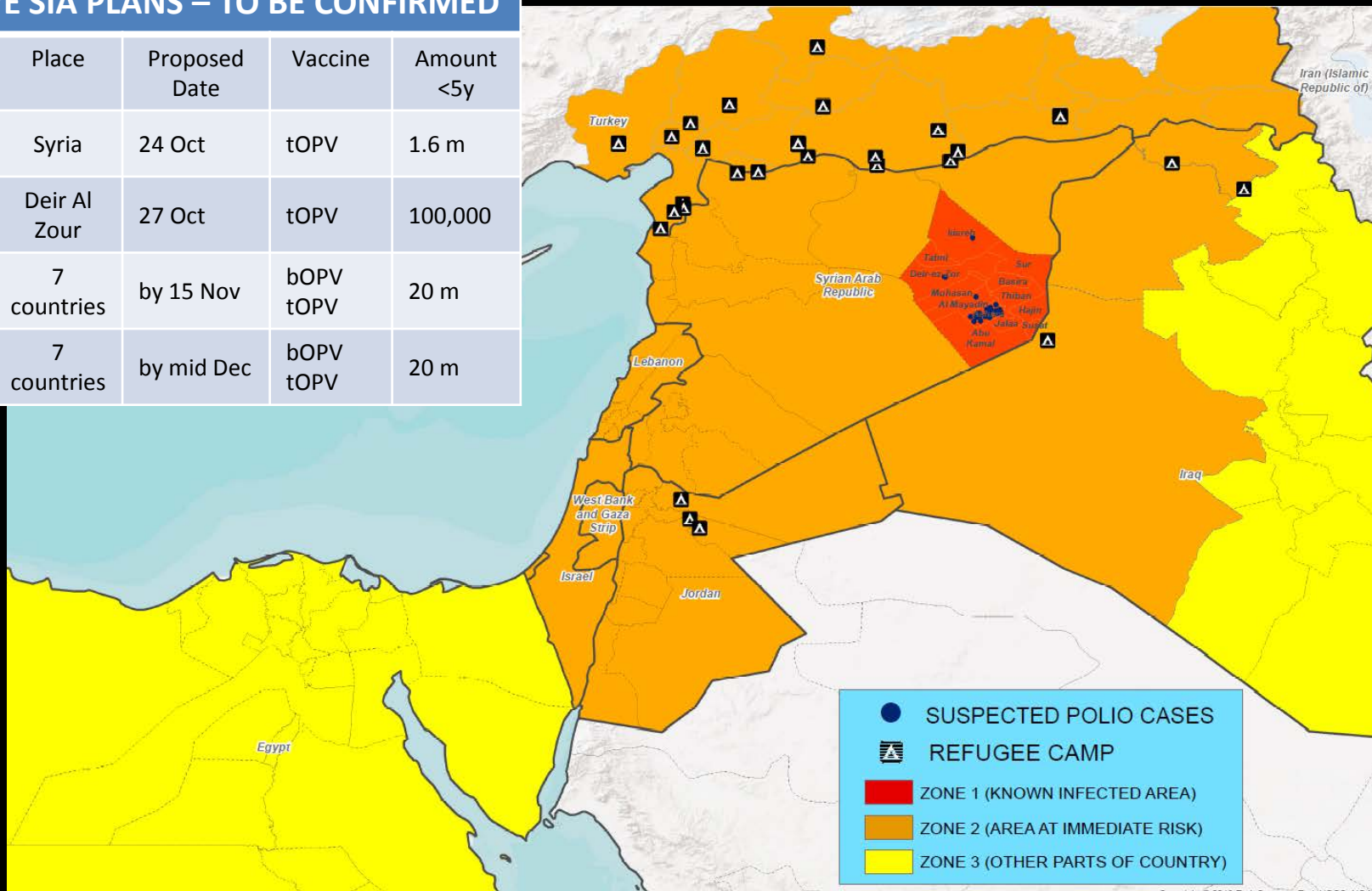
**WHO Regional Committee
30 October 2013, Oman**

- **Oman:** US\$ 5 million in new funding
- **Saudi Arabia:** facilitate role of religious scholars
- **UAE:** scale-up engagement in FATA/Pakistan
- **SYR, LEB, JOR, IRQ, EGY, oPT:** coordinated outbreak response

Multi-country Response

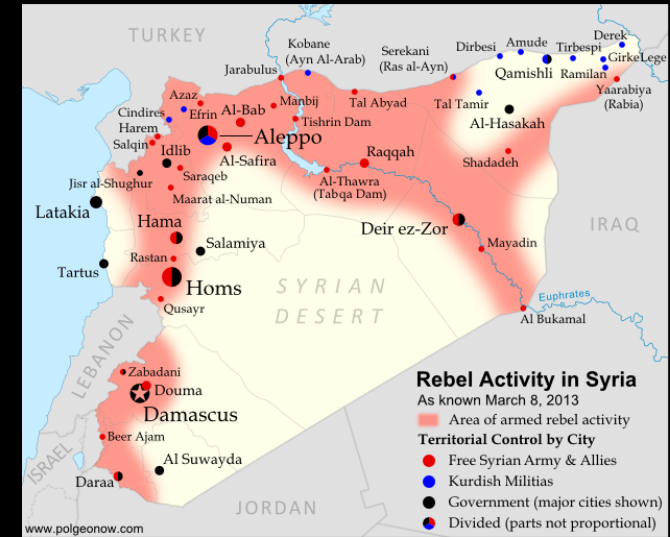
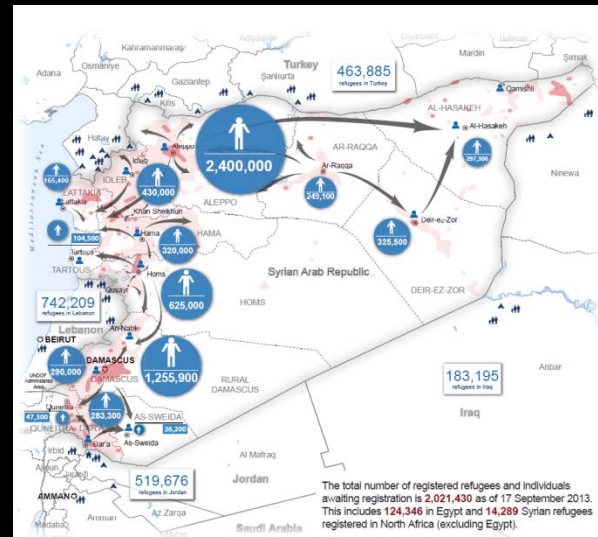
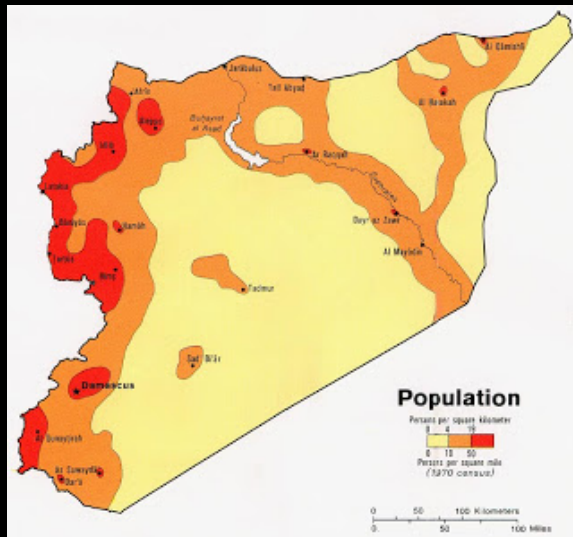
TENTATIVE SIA PLANS – TO BE CONFIRMED

	Place	Proposed Date	Vaccine	Amount <5y
Round 1	Syria	24 Oct	tOPV	1.6 m
Round 2	Deir Al Zour	27 Oct	tOPV	100,000
Round 2	7 countries	by 15 Nov	bOPV tOPV	20 m
Round 3	7 countries	by mid Dec	bOPV tOPV	20 m



Optimizing Coverage within Syria

- detailed mapping & engagement with humanitarian actors
- detailed mapping of access, conflict & actors
- actively exploring all options with Govt of Syria & UN system



Middle East Outbreak

Operations Management

Amman - multi-country/agency coordination
- senior team leader deployed

Damascus - expert team on-site
- microplanning/humanitarian pauses

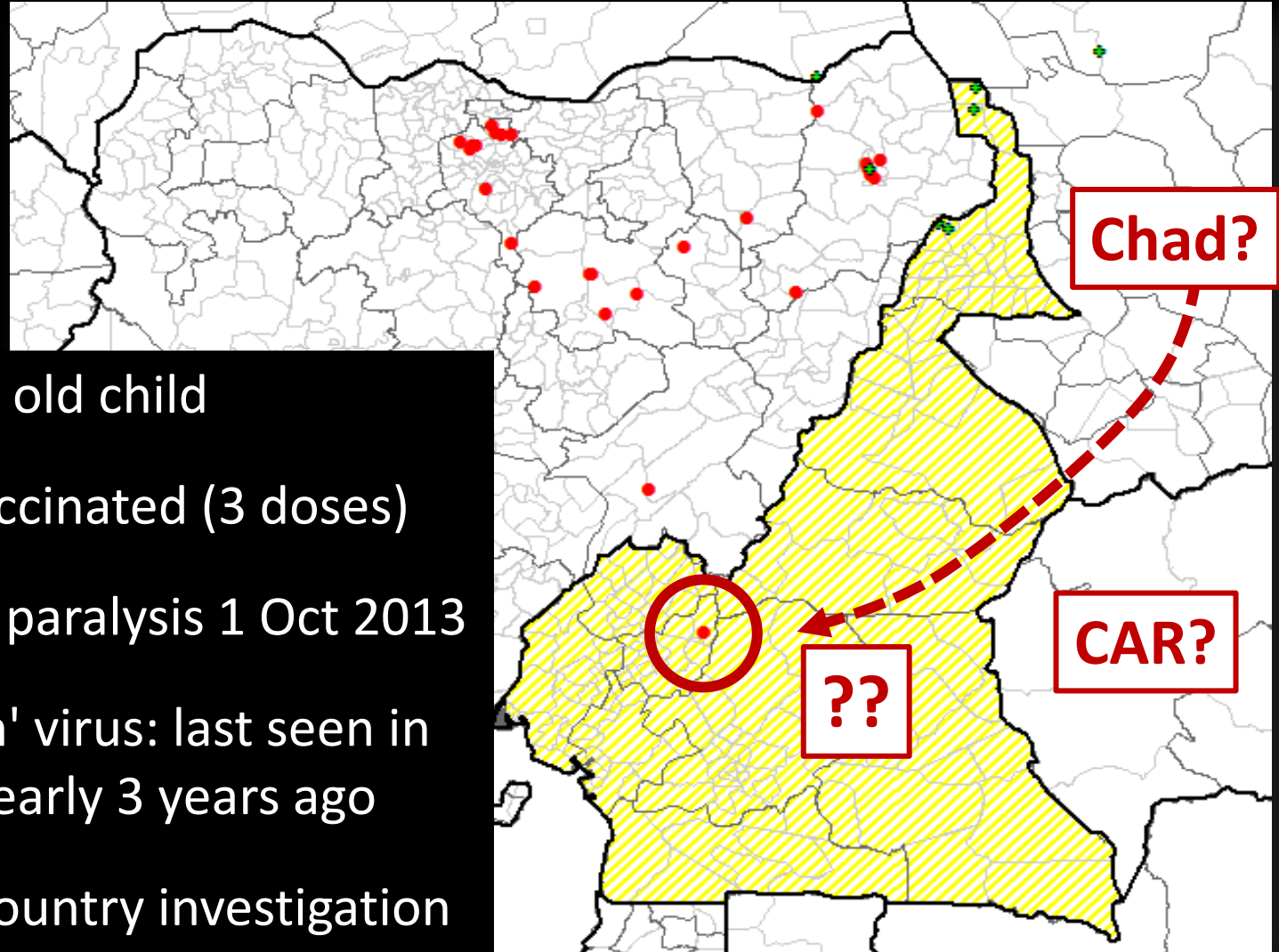
Gaziantep - support to southern Turkey/NGOs

Positive Factors to Limit Int'l Spread

- very strong vaccination culture
- very high coverage before crisis
- pre-planned campaigns for Nov-Dec
- heading into cold/low-transmission season
- very strong leadership, government, UN & humanitarian system support (OCHA, UNHCR, NGOs...)

Cameroon & Central Africa

'Orphan' Poliovirus, Cameroon

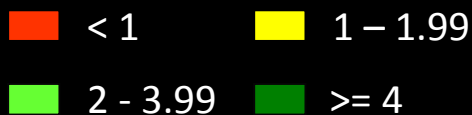
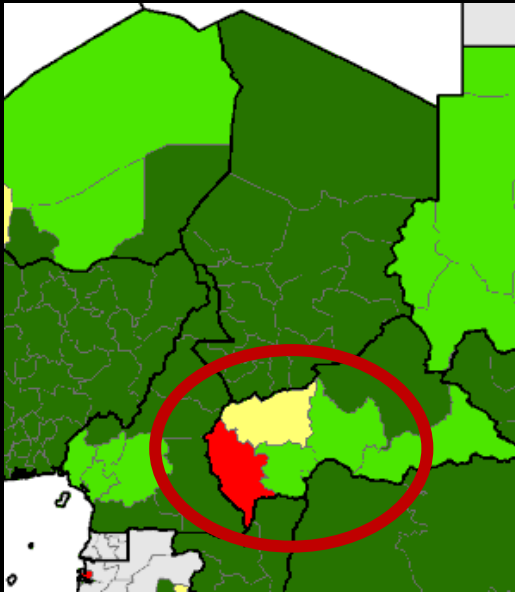


- 10 year old child
- fully vaccinated (3 doses)
- date of paralysis 1 Oct 2013
- 'orphan' virus: last seen in Chad nearly 3 years ago
- multi-country investigation & response plans ongoing

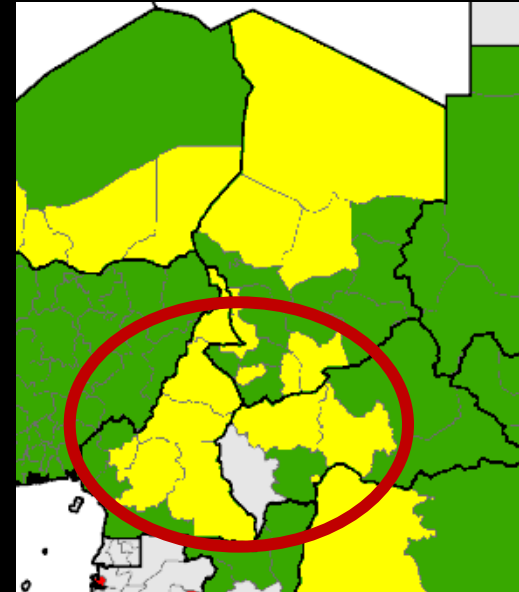
Polio Surveillance Sensitivity

Cameroon & Surrounding countries

Non Polio AFP Rate



Sample Adequacy



Summary

Strategic Priorities

Stop ongoing outbreaks:

- Syria
- Somalia
- Cameroon

Reduce vulnerability:

- Middle East
- Horn of Africa & Central Africa

Enhance access: Pakistan & Nigeria

Ongoing WHO Initiatives (ex.)

DG-led Polio Endgame Mgmt Team

Senior staffing of Amman & Nairobi hubs

15 additional posts in Geneva

Dedicated 'access' unit

Convening IHR Expert Committee

- **absence of Type 3 virus** opens the doors to enhanced tools (i.e. mOPV1)
- **reinfection in areas of vaccination bans** is increasing community demand for OPV
- influential parties **increasingly offer to assist** with access & negotiations
- **fast-track IPV introduction** will enhance eradication capacity & reduce vulnerability

Over-riding priority: establish access in all infected & highest risk areas in advance of the 2014 low-season.