

**13th Annual Meeting
Measles & Rubella Initiative
American Red Cross National Headquarters
Washington, DC, 9-10 September 2014**

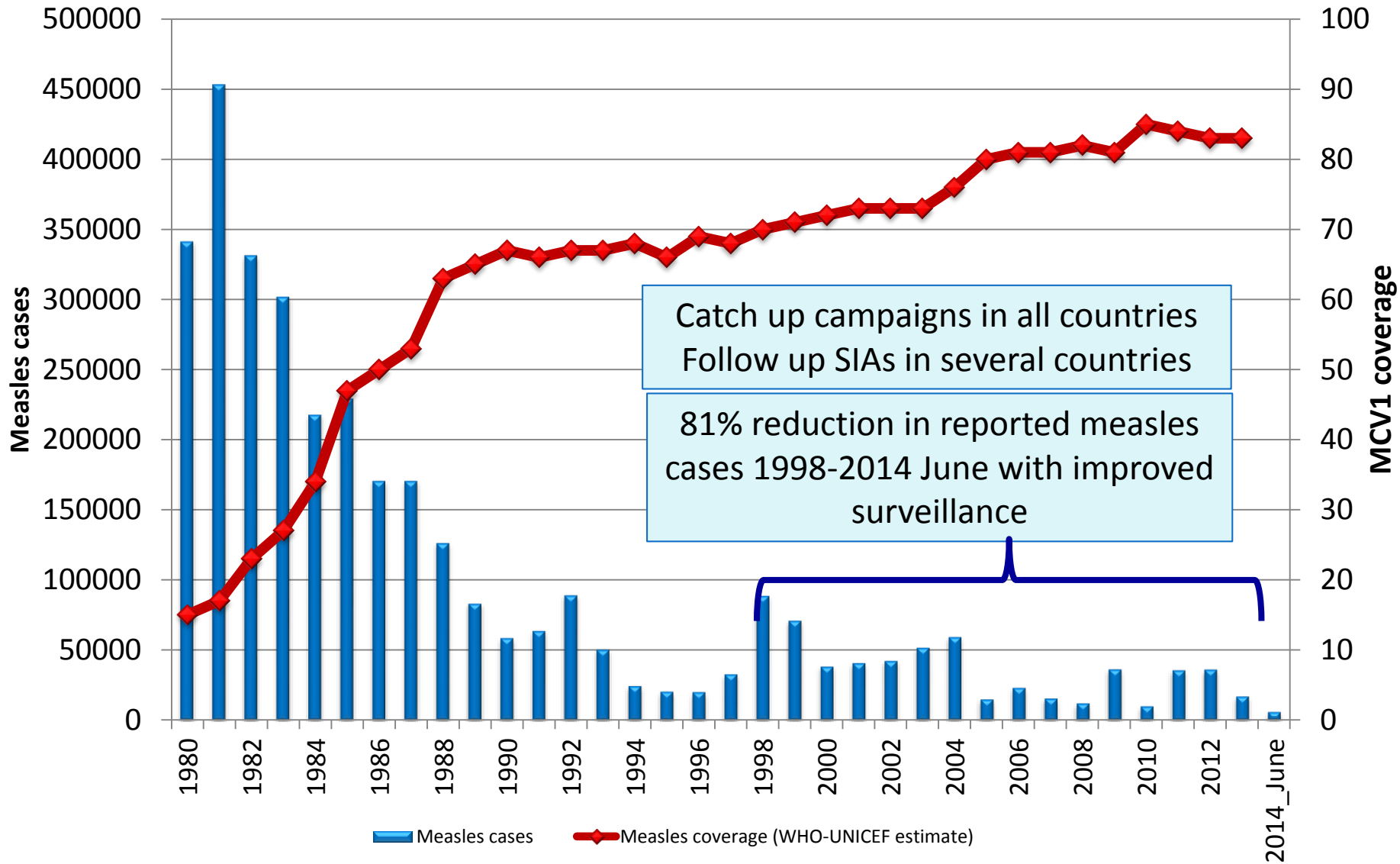
Update on the situation of the Eastern Mediterranean Region

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Vaccine Preventable Diseases and Immunization
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Regional Measles and Rubella Goals

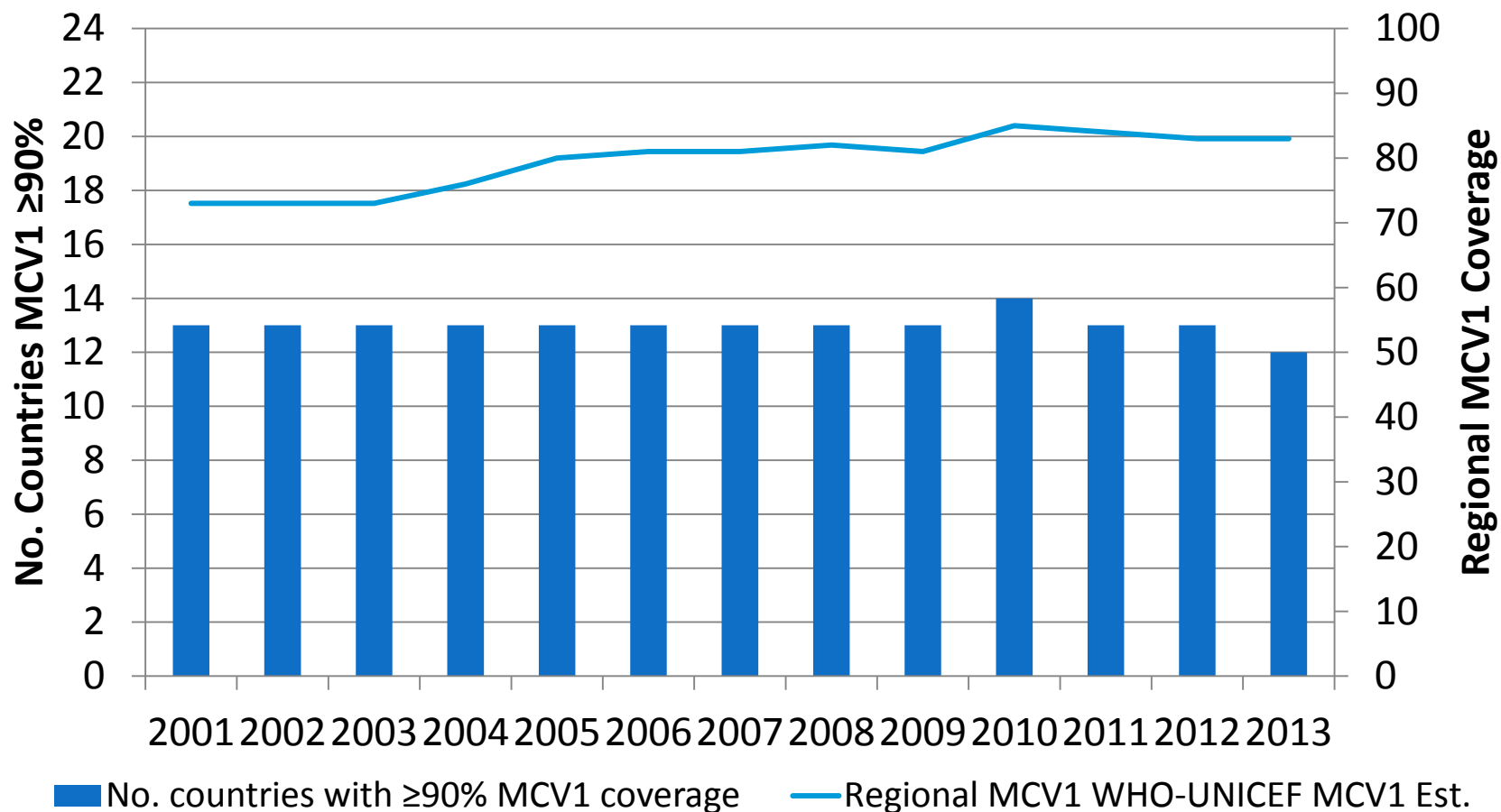
- **Measles elimination from all countries by 2015**
 - Resolution EM/RC44/R.6 – 1997 (elimination by 2010), revised by Resolution EM/RC58/R.5 – 2011 (elimination by 2015)
- **No regional target for rubella/CRS elimination**
 - RTAG meeting November 2013: recommended developing regional rubella/CRS elimination target by 2020
 - Elimination target established in 15 countries

Reported Measles cases and MCV1 coverage in the EMR, 1980- June 2014

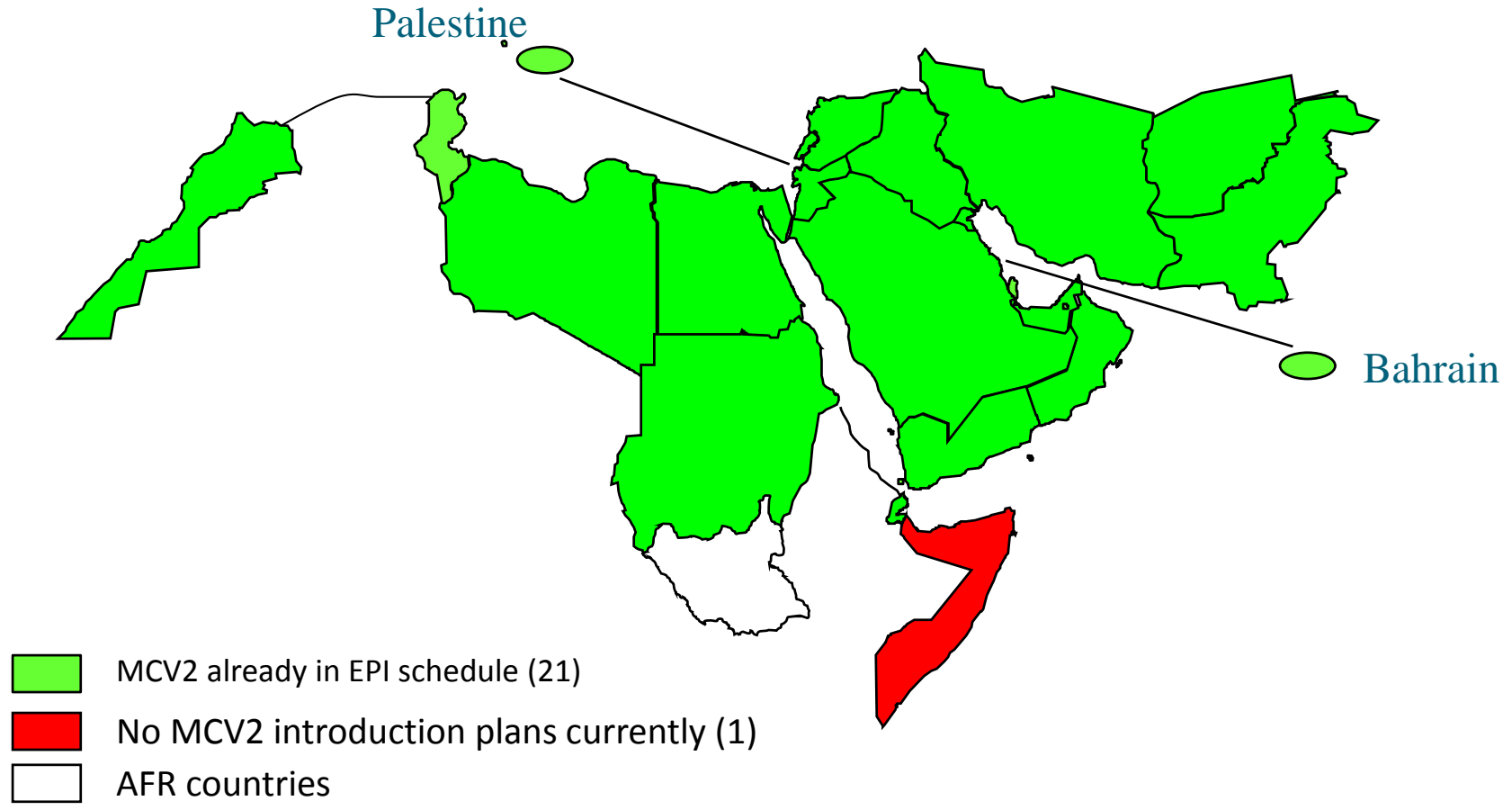


Source: WHO UNICEF estimates, JRF reported data
Cases 2013: country reports to EMRO

MCV1 coverage WHO UNICEF estimates, and number of countries reaching > 90% coverage. 2001 – 2013. (N=22)



MCV2 introduction into routine EPI in Countries of the EMR 2013



SIAs done in 2013 in the EMR

Country	Vaccine	Target Age	Admin Cov	Survey Cov	Independent Review	Other Intervention
Afghanistan	M	9 - 59 M	85%			Penta, BCG
Lebanon	M	9 M - 18 Y	85%			
Lebanon	M	9 M - 14 Y	90%			
Jordan	MR	6 M - 19 Y	102%	97%		OPV, Vit A
Pakistan/Sindh	M	120-119 M - 9Y	110%		85%	
Pakistan/Punjab	M	6 M - 9 Y	102%		95%	OPV/Vit A
Pakistan/Baluch.	M	9 M - 9 Y	106		89%	
Morocco	MR	9 M - 19 Y	91%			
Somalia	M	6-59M	85%			Penta & ORS
Sudan	M	9 - 14 Y	98%	97%		
Syria	MMR	6 - 10 Y	72%			
Syria	MMR	12 - 15 Y	92%			
Yemen, Sa'da	M	6 - 59 M	93%			OPV, Vit A

64 Million people reached through SIAs in 2013 thanks to international , local partners and Gov support

Local funding raised for measles SIAs, 2013

Country	Total Budget (USD)	Amount Raised Locally (USD)	% locally raised
Afghanistan	1,381,449	1,381,449	100%
Lebanon	NA	NA	100%
Jordan	4,285,065	4,285,065	100%
Pakistan	12,877,360	12,428,480	97%
Morocco	8,377,419	8,377,419	100%
Somalia	3,100,000	2,080,000	67%
Sudan	9,666,928	1,101,838	11%
Syria	5,025,000	5,025,000	100%
Yemen	116,279	9,302	8%
EMR	44,829,500	34,688,553	77%

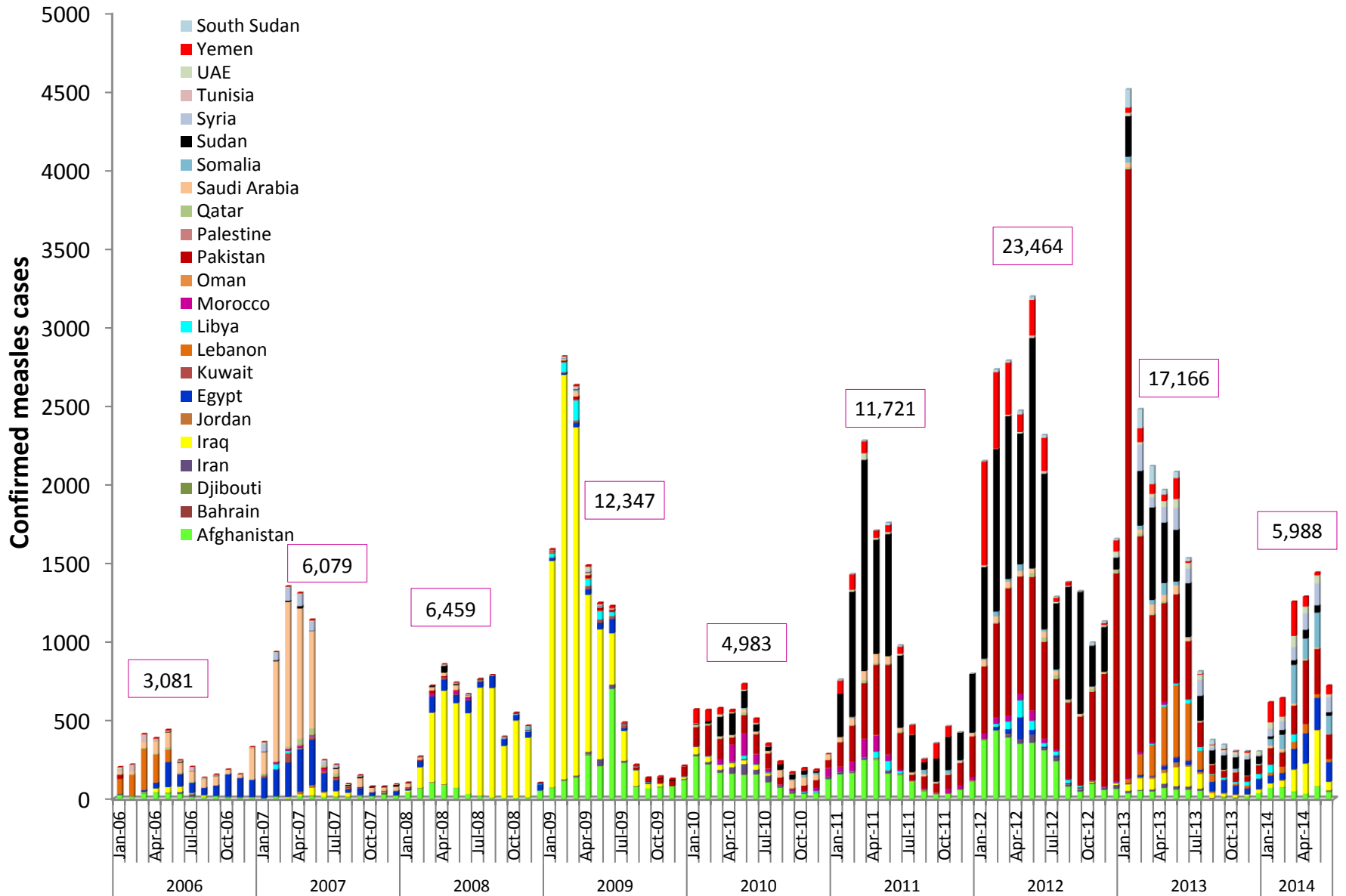
**86.7 Million people reached
through SIAS in 2013 Thanks to
our international , local Partners
and Gov support**

Resource Gaps 2014-2015

	Requirement* (USD)	Available/Committed* (USD)				Funding gap*
	Total Requirement SIAs, Surv, RI	GAVI Support	Local	MRI**	Total Committed (GAVI, MRI, Local)	
AFG 2014	2,029,375	0	0	1,489,375	1,489,375	540,000
AFG 2015	7,023,056	6,123,056	300,000	0	6,423,056	600,000
PAK 2014	65,693,669	34,983,274	25,282,519	2,740,000	63,005,792	0
SOM 2014	2,193,959	0	500,000	1,148,800	1,648,000	545,959
SUD 2014	150,000	0	0	150,000	150,000	0
YEM 2014	22,902,915	17,591,500	4,943,415	368,000	22,902,915	0
Total	99,992,974	58,697,830	31,025,934	5,896,175	95,619,138	1,685,959

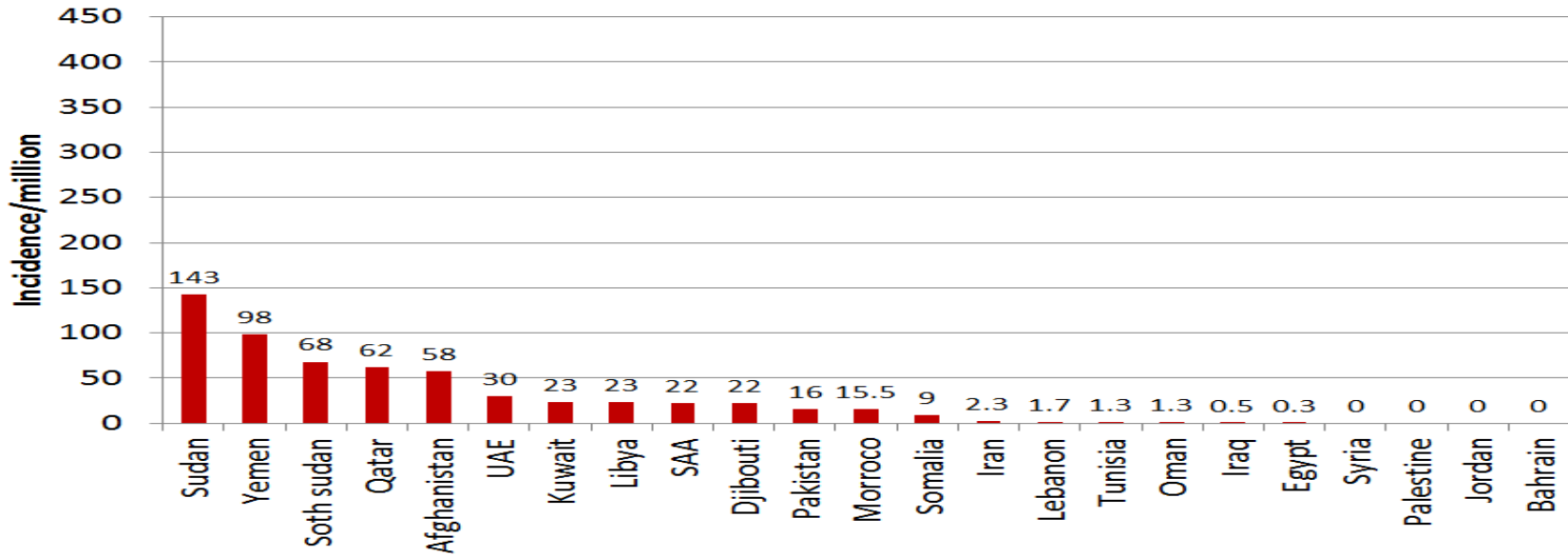
- *All figure are for 2014 except for AFG SIAs 2015
- **MRI fund allocated: include amount committed/transferred to WHO & UNICEF
- PAK received addition 4 M Locally from JICA
- SOM received 701,000\$ locally from OCHA for outbreak response & US\$ 146,000 is expected

Monthly distribution of confirmed Measles cases in the EMR 2006-June 2014

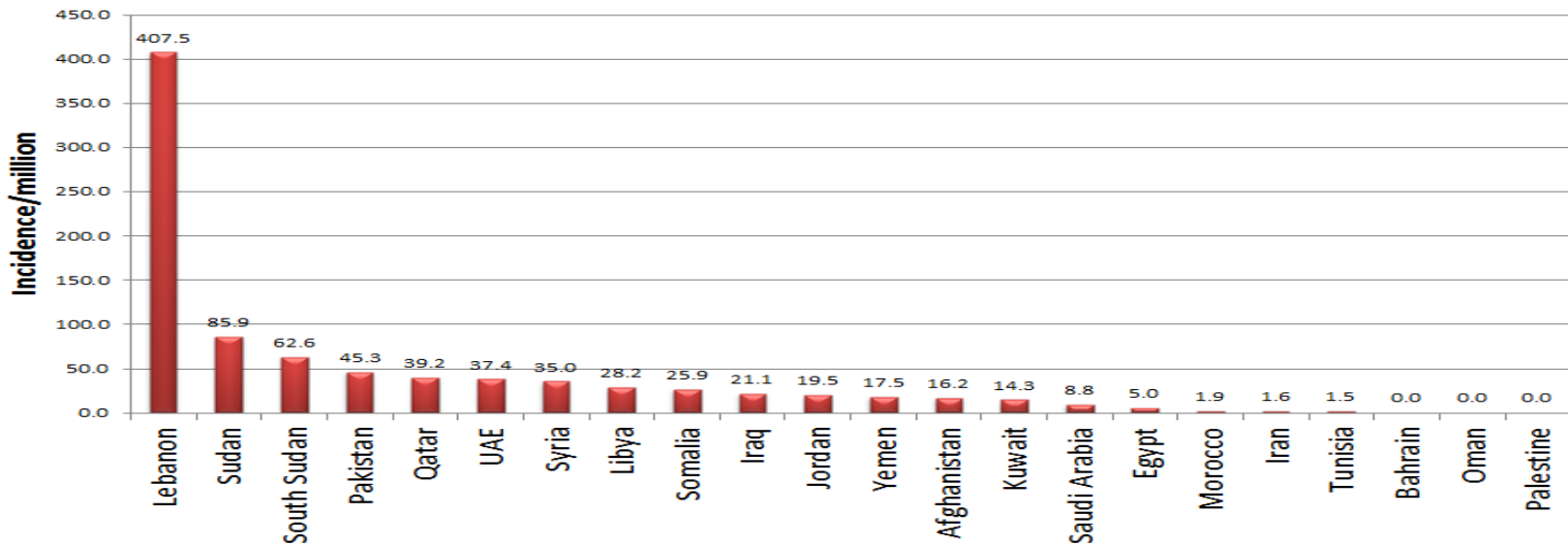


Security situation and deteriorated performance in some countries

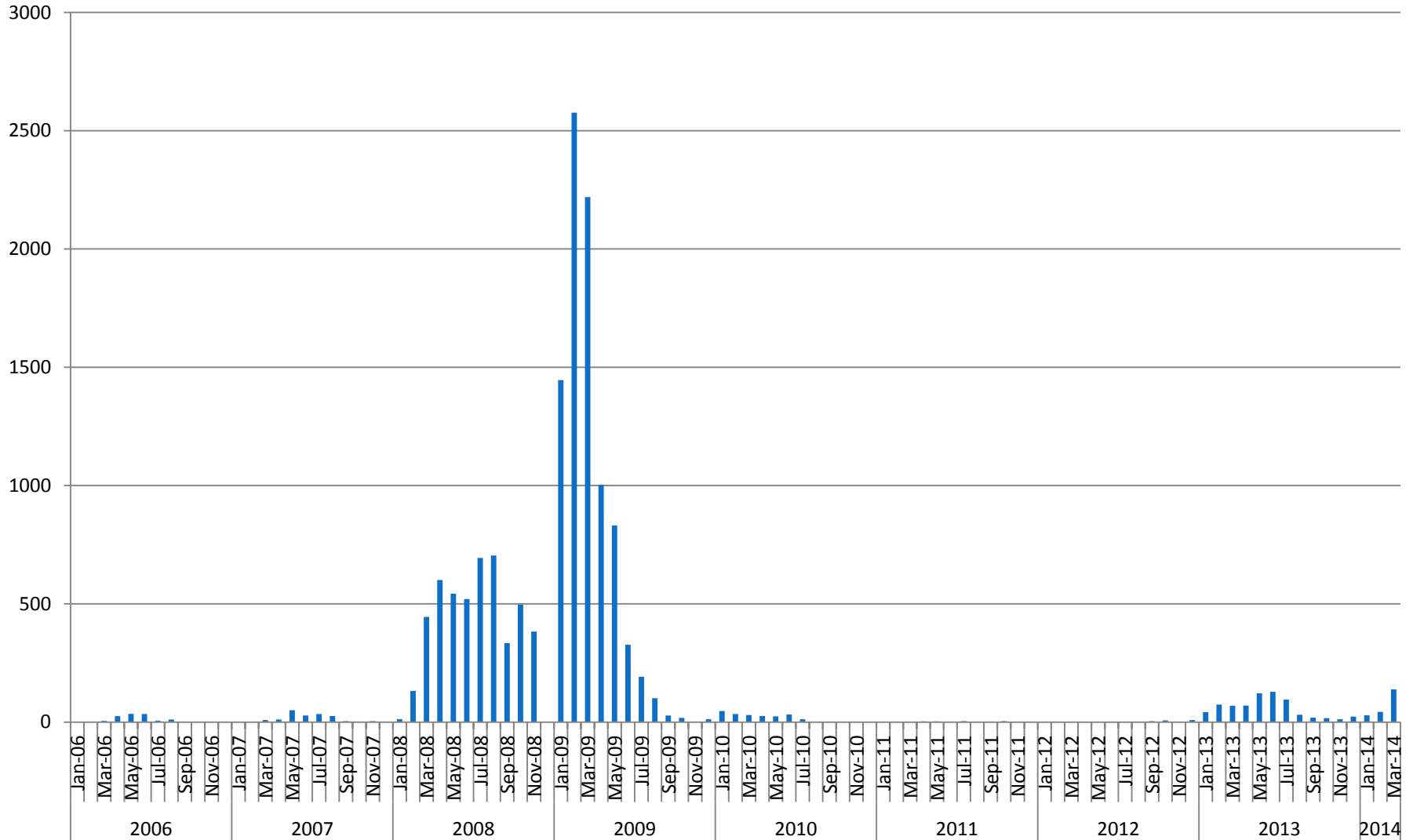
Measles Incidence rate/million in countries of the EMR, 2011



Measles incidence rate/million in the EMR, 2013

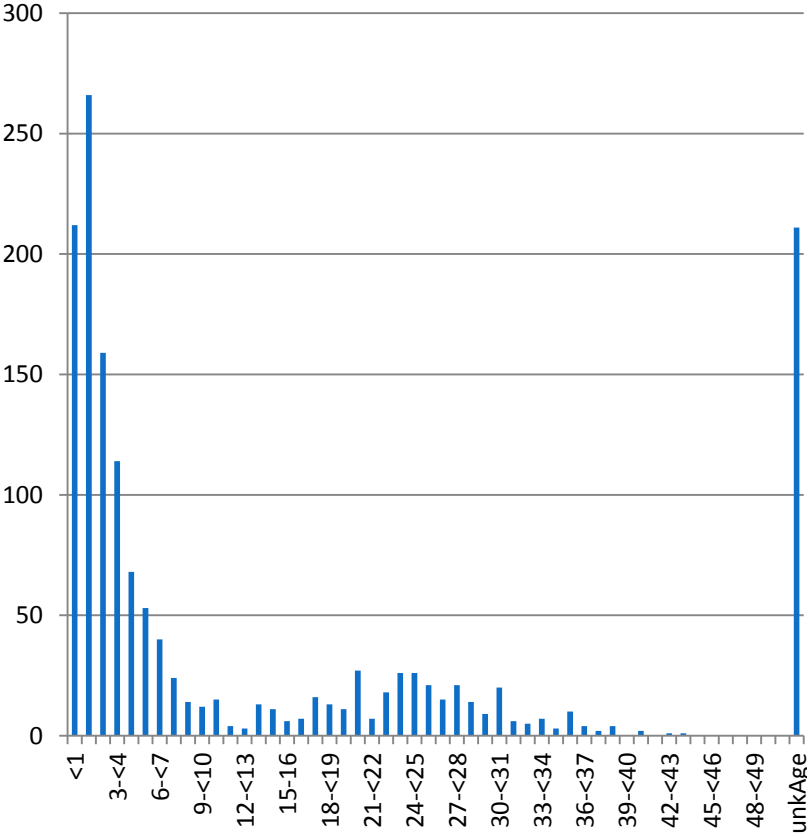


Iraq Measles outbreak Monthly distribution of confirmed measles cases in the 2006-June 2014

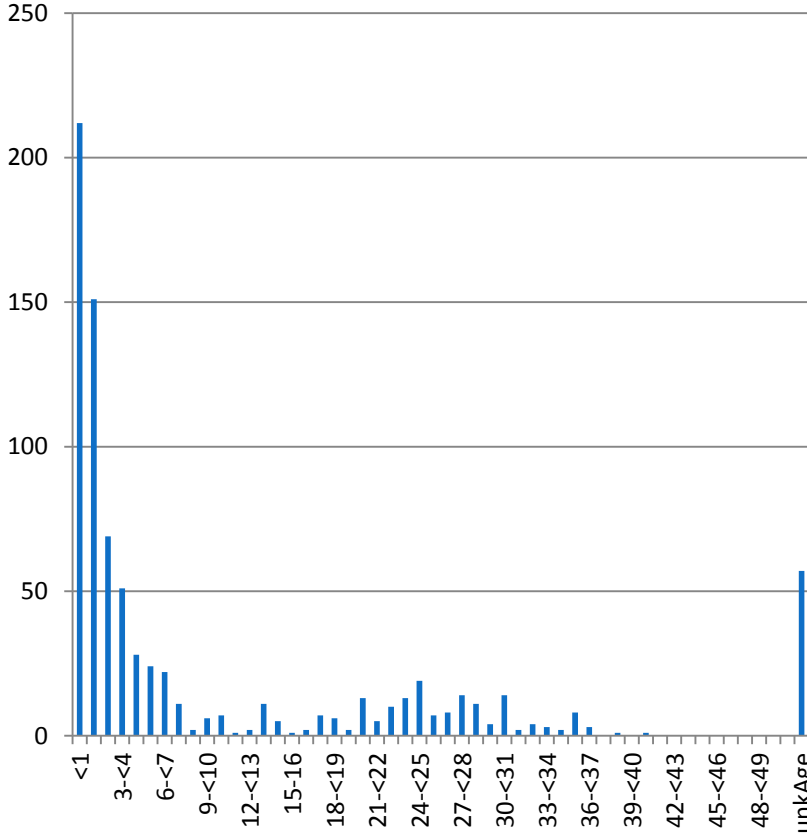


Measles outbreak age distribution 2013-June 2014

2013



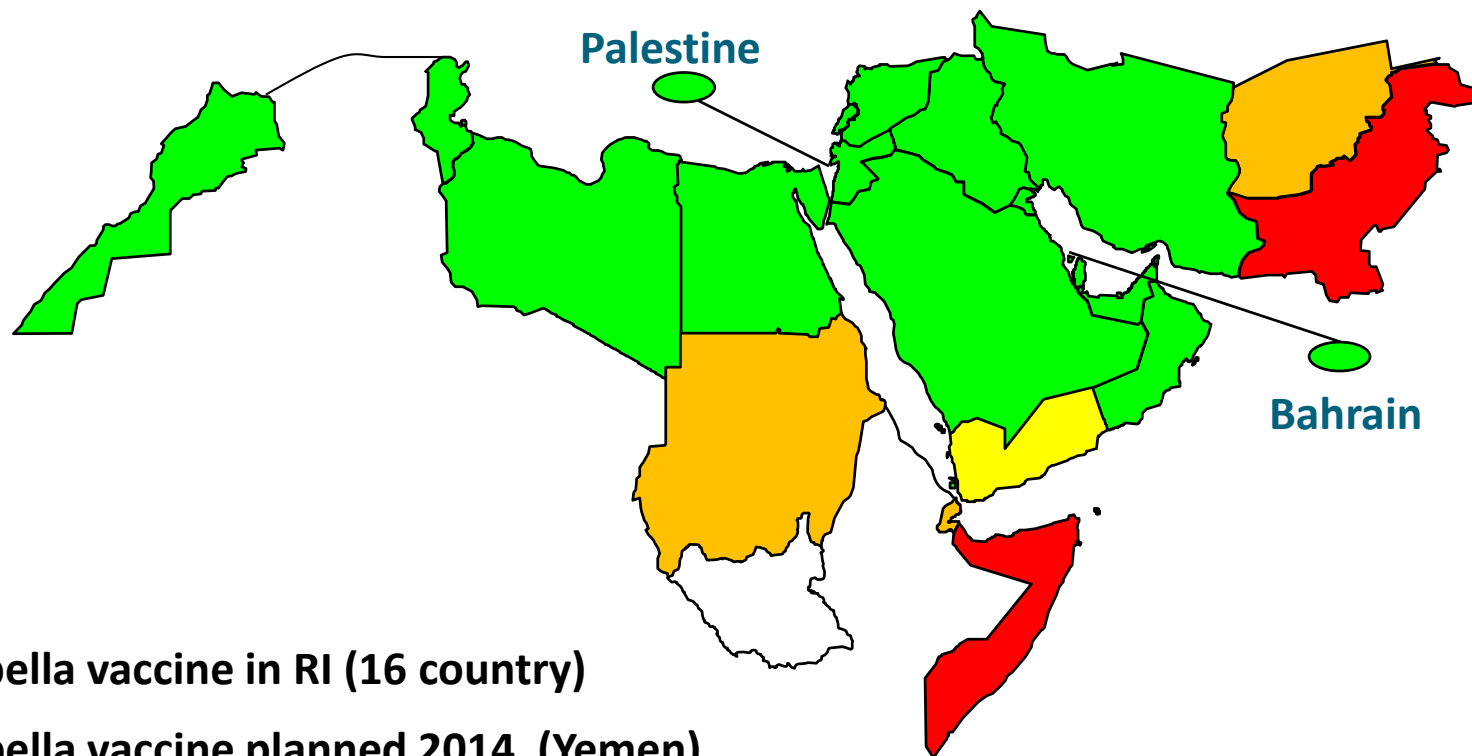
Jan-June 2014







Outbreak response and to move Measles elimination

- The SIAs campaign to be conducted in 2 Phases:
- Phase 1 for children 9-59 months once the vaccine arrives (tentative date November 2014 but according to schedule of vaccine arrival it will not take place before February 2015)
- Phase 2 for children 15-19 yrs
- The intention is to use MR vaccine if available for Phase one need 5 million doses and another 5 for Phase 2 but UNICEF is already started the procurement for measles vaccine since MR is not available.
- Some of the funds are secured but not all. WHO will be requested to cover training and meetings, supervisors etc. around USD **6.2 M**

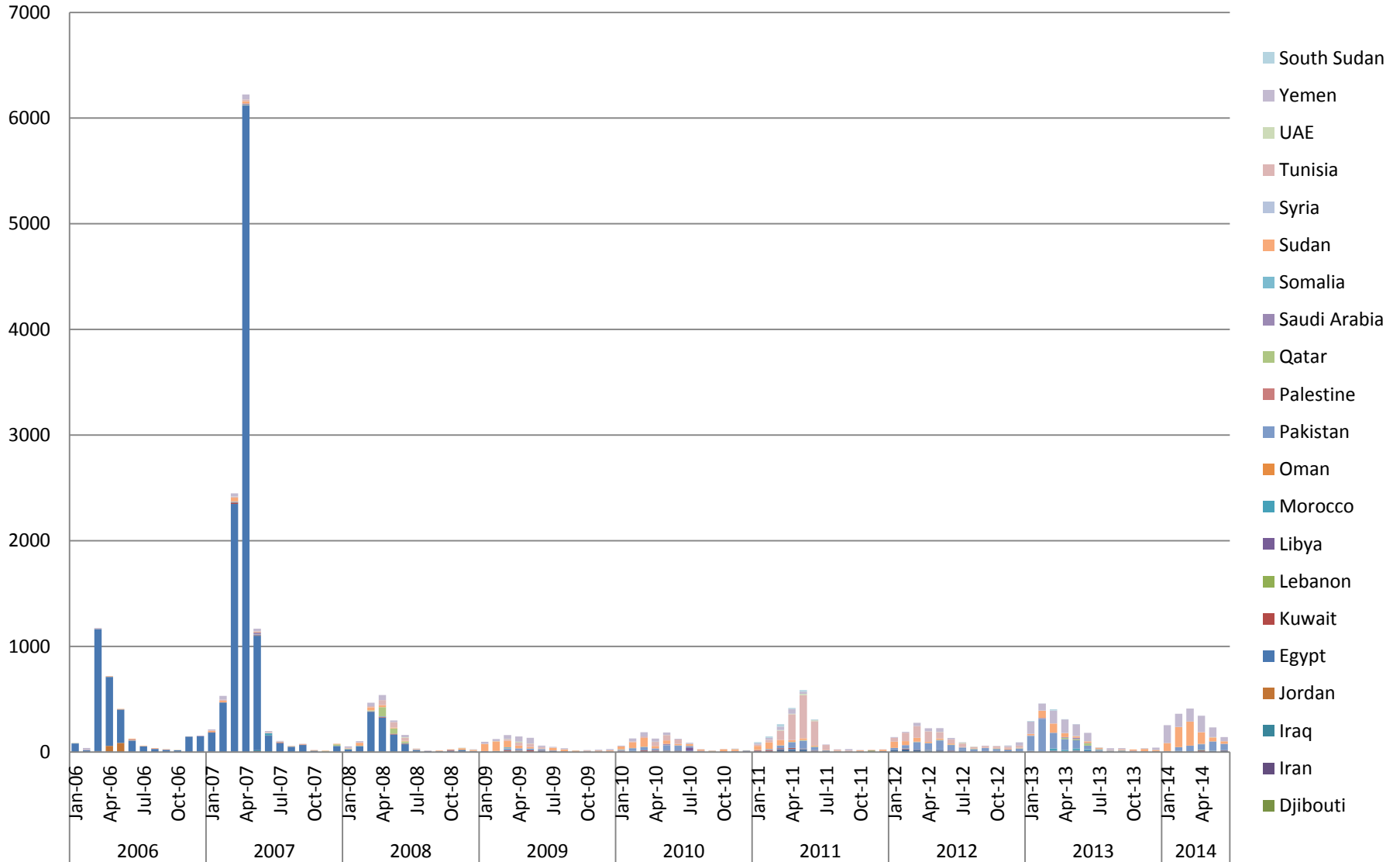
Rubella vaccine use in countries of the EMR, 2014



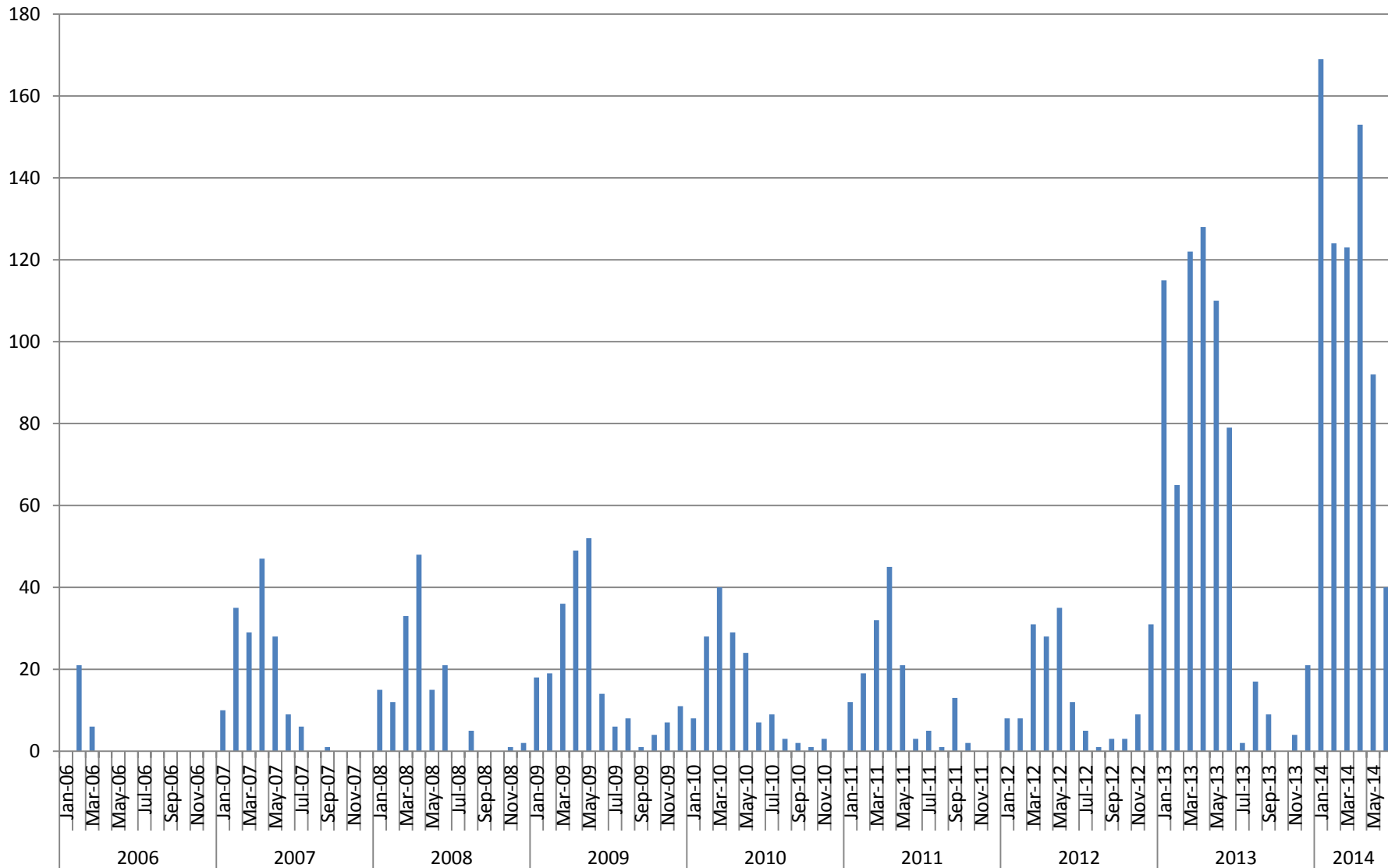
-  Rubella vaccine in RI (16 country)
-  Rubella vaccine planned 2014 (Yemen)
-  Rubella vaccine planned 2015-2016 (3 countries)
-  Rubella vaccine introduction not decided (Somalia and Pakistan)

- A total of 4 countries are expected to introduce RCV by end 2018.

Monthly distribution of confirmed Rubella cases in the EMR 2006-June 2014

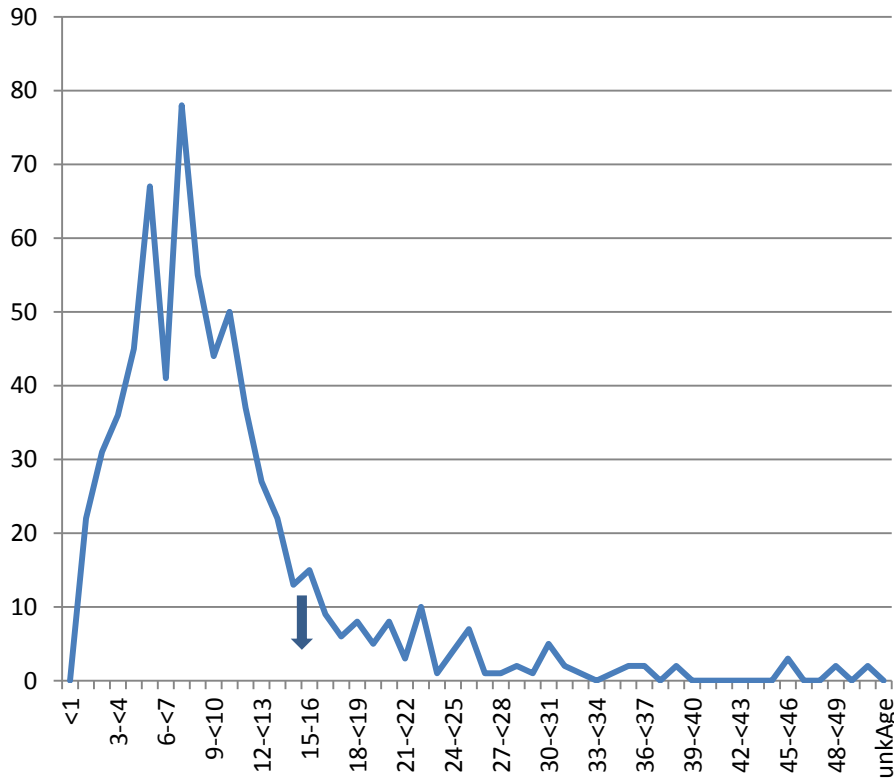


Yemen Rubella outbreak Monthly distribution Rubella cases in Yemen 2006 - June 2014

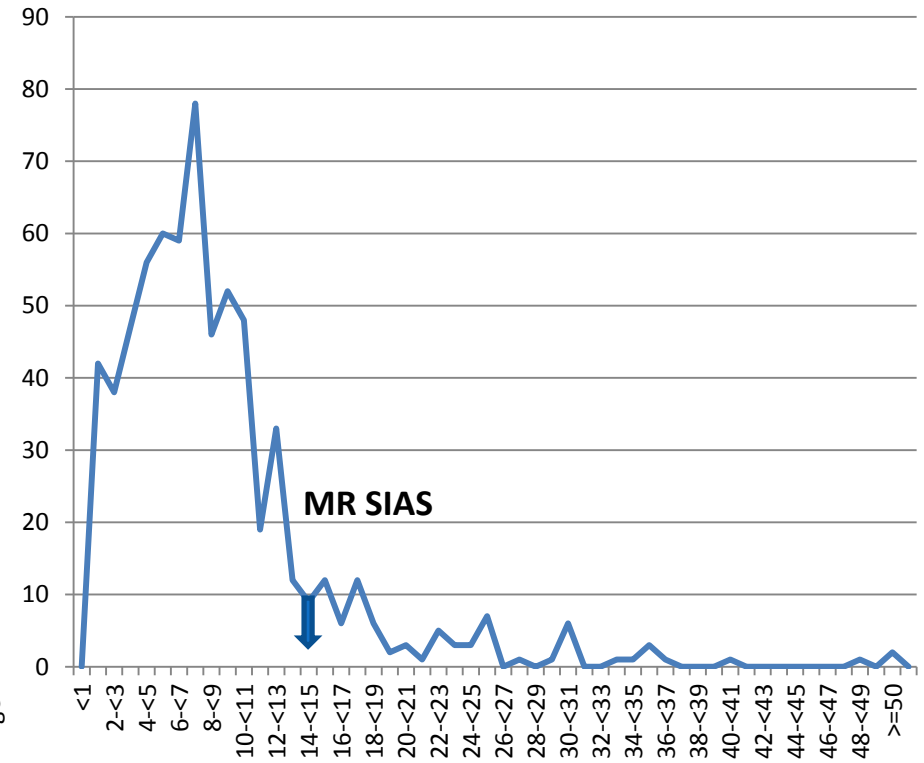


Yemen Rubella Age distribution, 2013 & 2014

Yemen Rubella confirmed cases by age Year 2013



Yemen Rubella confirmed cases by age Year June 2014



Yemen Rubella Plan 2014

- MR routine introduction 6 Nov 2014
- GAVI application approved MR SIAs and will be conducted 19 Oct
- Target age group 9M to 14 Yrs
- Establishment of CRS surveillance

2014-2016 Rubella introduction plans

16/22 countries have introduced rubella vaccine in RI

- **Yemen:**
 - Routine introduction; July 2014
 - MR SIAs: September 2014
- **Djibouti:**
 - will apply in connection to next follow up SIAs (2016?)
- **Afghanistan:**
 - UNICEF committed to support routine introduction
 - low routine coverage? SIAs quality and delays?
- **Pakistan:**
 - no discussion
- **Sudan:**
 - Discussion with UNICEF for routine introduction is ongoing
 - NITAG decision is pending
 - CRS establishment: ongoing
 - Probable application with next FU SIAs (2016?)
- **Somalia:**
 - Low routine coverage
 - RTAG recommended holding on advocating for rubella vaccine introduction due to low

2014-2015 GAVI application and introduction plans for M, MR

Country	Vaccine (MSD, MR, M)	Year of Intro (or MR SIA)	MCV1 coverage (2013)	Year of planned GAVI application	Total Budget (GAVI approved)
Pakistan	M SIAs	Roll-out started May 2014	61	Approved	\$ 65,593,669 (\$ 34,983,274)
Yemen	MR routine	6 Nov 2014	78	Approved	\$ 965,581 (\$ 767,500)
Yemen	MR SIAs	19 Oct 2014	78	Approved	\$ 21,569,334 (\$ 17,591,500)
Afghanistan	M SIAs	May-June 2015	82	Approved	\$ 6,723,056 (\$ 6,123,056)

Challenges and constraints to achieving the target

- **Security situation: rapidly deteriorating in the EMR**
 - Sustainability of achieved MCV coverage: decreased routine coverage: Syria, Yemen
 - Delayed implementation of planned activities
 - Spread of outbreaks to previously free countries
- **Higher priorities/Emerging priorities, low visibility of measles target**
 - Polio endemic countries
 - Polio outbreak in Syria
- **Pockets of susceptible populations/groups**
 - Hard to reach populations in low income countries
 - Expatriate population in GCC States
- **Vaccine availability**
 - MMR shortage for Egypt, Syria and Iraq
- **Funding:** Follow-up SIAs, Measles surveillance

Planned activities 2014-2015

- **Implementation of Measles/MR SIAs**
 - Afghanistan: Mop up SIAs in 2014 and FU SIAs in 2015
 - Pakistan: roll-out SIAs
 - Somalia: CHDs specially in the newly reachable areas
 - Yemen: RI of MR and MR SIAs, 2014
 - Morocco: Phase 2 of MR SIAs
 - Syria and Iraq: SIAs
- **Strengthening routine immunization and data quality**
 - RED in low coverage districts in Pakistan, AFG, Iraq
 - Using PEI assets to strengthen RI: Pakistan, AFG and Somalia
 - Vaccination weeks
- **Reviews and assessments & Strengthen Cases base surveillance**
 - Review of the situation and preparation for verification of elimination: Bahrain, Palestine, Oman, Iran and Tunisia
 - Sustain the strength and capacity of M&R Lab Net
- **Measles risk assessment and Establishing CRS surveillance**
 - Sudan and Yemen
- **Meetings**
 - Regional Technical Advisory Group (RTAG) and Regional Measles Verification Commission (RMVC), Meeting November 2014
 - Inter-country meeting on Measles and Rubella control/elimination Nov 2014

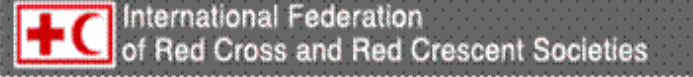


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