

EMR cumulative indigenous measles/rubella case counts and surveillance indicators

Between 01/01/2017 and 31/01/2017

Country	Measles case finding report							Rubella case finding report					Measles incidence /1000,000 *	Rubella incidence /1000,000 **	Reporting rate ***	Indicators : target ≥80%					Last Date reported	Genotypes reported	
	Total suspected cases for M/R	specimens tested for measles	Measles Lab confirmed	Measles Epi-Linked	Measles clinically compatible	Total measles	Measles discarded cases	specimens tested for rubella	Rubella lab confirmed	Rubella Epi-Linked	Rubella clinically	Total Rubella				Rubella discarded cases	suspects tested for measles ****	cases with complete investigation	specimens received at the lab within 5days	specimens with adequate condition			results reported back within 4days
Afghanistan	304	304	225	0	0	225	79	77	8	0	0	8	69	6.97	0.25	0.22	100%		47%	99%	99%	31/01/2017	
Bahrain	30	30	0	0	0	0	30	30	0	0	0	0	30	0.00	0.00	2.43	100%	100%	100%	100%	100%	31/01/2017	
Iran	716	606	0	0	1	1	715	606	0	0	0	0	606	0.01	0.00	0.91	85%	100%	82%	100%	93%	31/01/2017	
Iraq	24	23	0	0	0	0	24	23	1	0	0	1	22	0.00	0.03	0.07	96%	75%	88%	100%	96%	29/01/2017	
Egypt	260	200	4	0	0	4	256	202	4	0	0	4	198	0.04	0.04	0.28	77%	74%	90%	100%	99%	21/01/2017	
Lebanon	7	5	3	0	2	5	2	1	0	0	0	0	1	0.87	0.00	0.03	71%	100%	40%	100%	100%	29/01/2017	
Morocco	15	15	0	0	0	0	15	13	0	0	0	0	13	0.00	0.00	0.05	100%	100%	85%	100%	87%	29/01/2017	
Pakistan	572	572	365	0	0	365	207	572	0	0	0	0	572	2.06	0.00	0.12	100%		77%	100%	74%	30/01/2017	
Palestine	4	4	0	0	0	0	4	4	0	0	0	0	4	0.00	0.00	0.10	100%	100%	75%	100%	100%	28/01/2017	
Saudi Arabia	154	154	75	0	0	75	79	154	2	0	0	2	152	2.64	0.07	0.27	100%	50%	100%	100%	99%	31/01/2017	
Sudan	247	198	30	47	0	77	170	198	43	0	0	43	155	1.87	1.04	0.31	99%	100%	86%	99%	94%	31/01/2017	
Syria	51	50	24	1	0	25	26	42	0	0	0	0	42	1.12	0.00	0.12	100%	100%	88%	90%	90%	31/01/2017	
Tunisia	11	10	0	0	0	0	11	11	1	0	0	1	10	0.00	0.09	0.09	91%	82%	45%	100%	82%	30/01/2017	
UAE	46	41	8	0	4	12	34	36	1	0	1	2	34	1.31	0.11	0.36	89%	65%	95%	100%	78%	31/01/2017	
Yemen	353	3	2	3	0	5	348	3	0	0	0	0	3	0.18	0.00	1.25	1%	89%	74%	98%	1%	31/01/2017	
Total EMR	2794	2215	736	51	7	794	2000	1972	60	0	1	61	1911	1.28	0.10	0.31	81%	76%	78%	99%	86%		

*The sum of the measles lab confirmed cases +measles epi-linked cases + measles clinically compatible cases/million population
 **The sum of the rubella lab confirmed cases +rubella epi-linked cases + rubella clinically compatible cases/million population
 ***Reporting rate of discarded non-measles non-rubella cases at the national level per 100,000 total population
 ****Excluding measles and rubella epi-linked cases

Green cells= indicator met.
 Yellow cells=indicator not met.
 Red cells=missing data for calculating indicator.

Adequate investigation includes the following data elements:
 -District.
 -Age.
 -Gender.
 -Date of rash onset, case notification and investigation
 -Vaccination status.
 -Date of last vaccination with measles containing vaccine
 -Date specimen collected.
 -Travel history

Countries that did not report

Djibouti, Kuwait, Libya, Oman and Qatar

Countries that reported zero suspect case

Jordan, Somalia

Yemen reported low testing cases due to shortage of M/R kits

Measles final classification and distribution by Month

Between 01/01/2017 and 31/01/2017

Country	Total Suspected cases for measles	Total specimens tested	Measles imported cases *	Measles import related* *	Vaccine related ***	Measles lab confirmed	Measles Epi-Linked	Measles clinically comp.	Total confirmed cases #	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
Afghanistan	304	304	0	0	0	225	0	0	225	225	0	0	0	0	0	0	0	0	0	0	0	0
Bahrain	30	30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran	716	606	1	8	15	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Iraq	24	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	260	200	0	0	0	4	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
Lebanon	7	5	0	0	0	3	0	2	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Morocco	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pakistan	572	572	0	0	0	365	0	0	365	365	0	0	0	0	0	0	0	0	0	0	0	0
Palestine	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	154	154	0	0	0	75	0	0	75	75	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	247	198	0	0	0	30	47	0	77	77	0	0	0	0	0	0	0	0	0	0	0	0
Syria	51	50	0	0	2	24	1	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0
Tunisia	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UAE	46	41	0	0	0	8	0	4	12	12	0	0	0	0	0	0	0	0	0	0	0	0
Yemen	353	3	0	0	0	2	3	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Total	2794	2215	1	8	18	736	51	7	794	794	0											

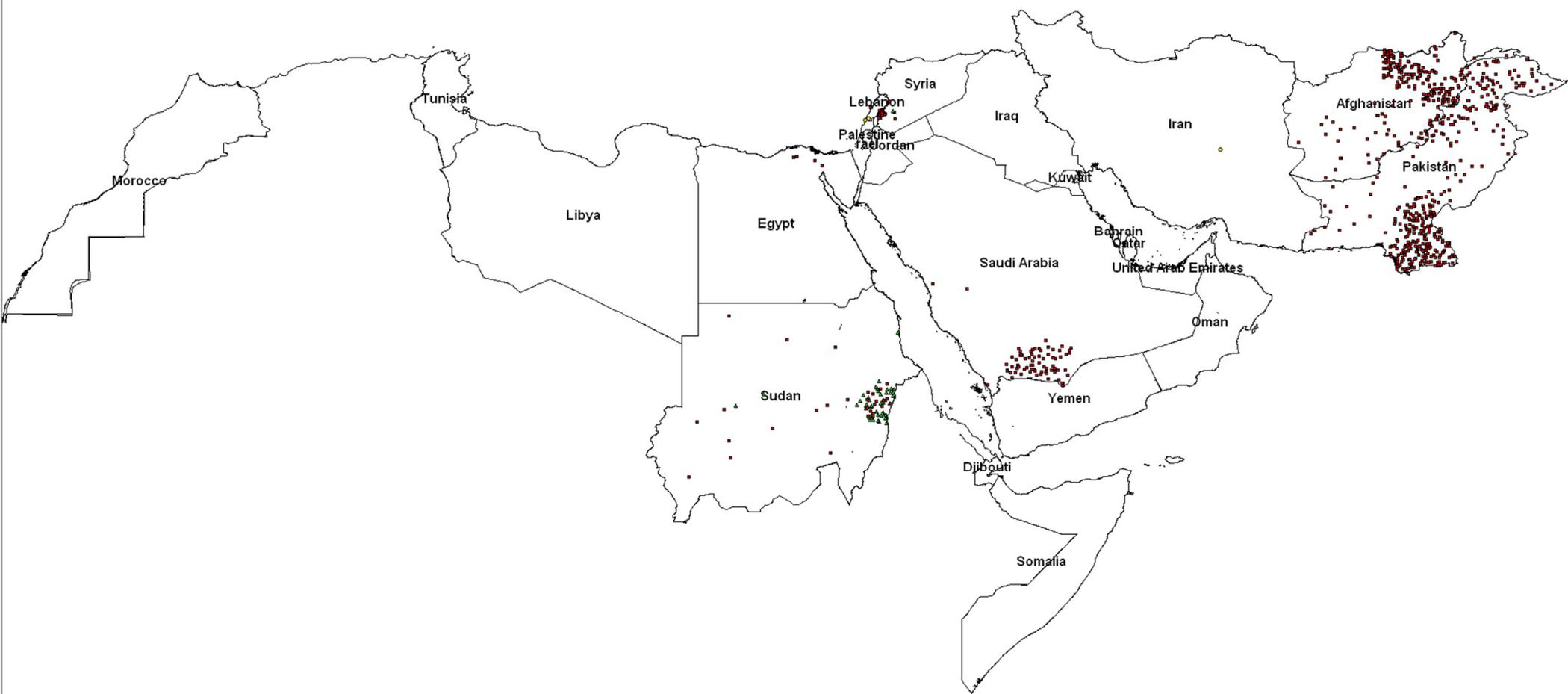
* Imported measles/rubella case – a case exposed to measles outside the country during the 7-21 days prior to rash onset and supported by epidemiological or virological evidence (for rubella the exposure would be during the 12-23 days prior to rash onset)

** Importation related measles/rubella case – a locally acquired infection occurring as part of a chain of transmission originating from an imported case as supported by epidemiological or virological evidence

***Vaccine related case – a suspect case that has a rash like illness without respiratory symptoms and the rash had onset 7-14 days following vaccination and the lab detected IgM in the blood specimen that was collected 8-56 days after vaccination and there were no secondary cases identified. OR any suspect case from which virus is isolated and genotyping test reveals the virus to be a vaccine strain

Total confirmed cases; include all cases confirmed by laboratory testing or epi linkage, plus those clinical cases that were reported without a laboratory specimen or epi linkage

Geographic distribution of Measles cases in the EMR countries January 2017



- Measles Lab confirmed N=736
- ▲ Measles Epi Linked N=51
- Measles Clinically compatible N=7

Rubella final classification and distribution by Month

Between 01/01/2017 and 31/01/2017

Country	Total Suspected cases for rubella	Total specimens tested	Rubella imported*	Rubella import related**	Rubella vaccine related**	Rubella lab confirmed	Rubella Epi-Linked	Rubella clinically comp.	Total confirmed cases #	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
Afghanistan	304	77	0	0	0	8	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0
Bahrain	30	30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran	716	606	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iraq	24	23	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	260	202	0	0	0	4	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
Lebanon	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morocco	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pakistan	572	572	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palestine	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	154	154	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	247	198	0	0	0	43	0	0	43	43	0	0	0	0	0	0	0	0	0	0	0	0
Syria	51	42	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tunisia	11	11	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
UAE	46	36	0	0	0	1	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Yemen	353	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2794	1972	0	0	18	60	0	1	61	61	0											

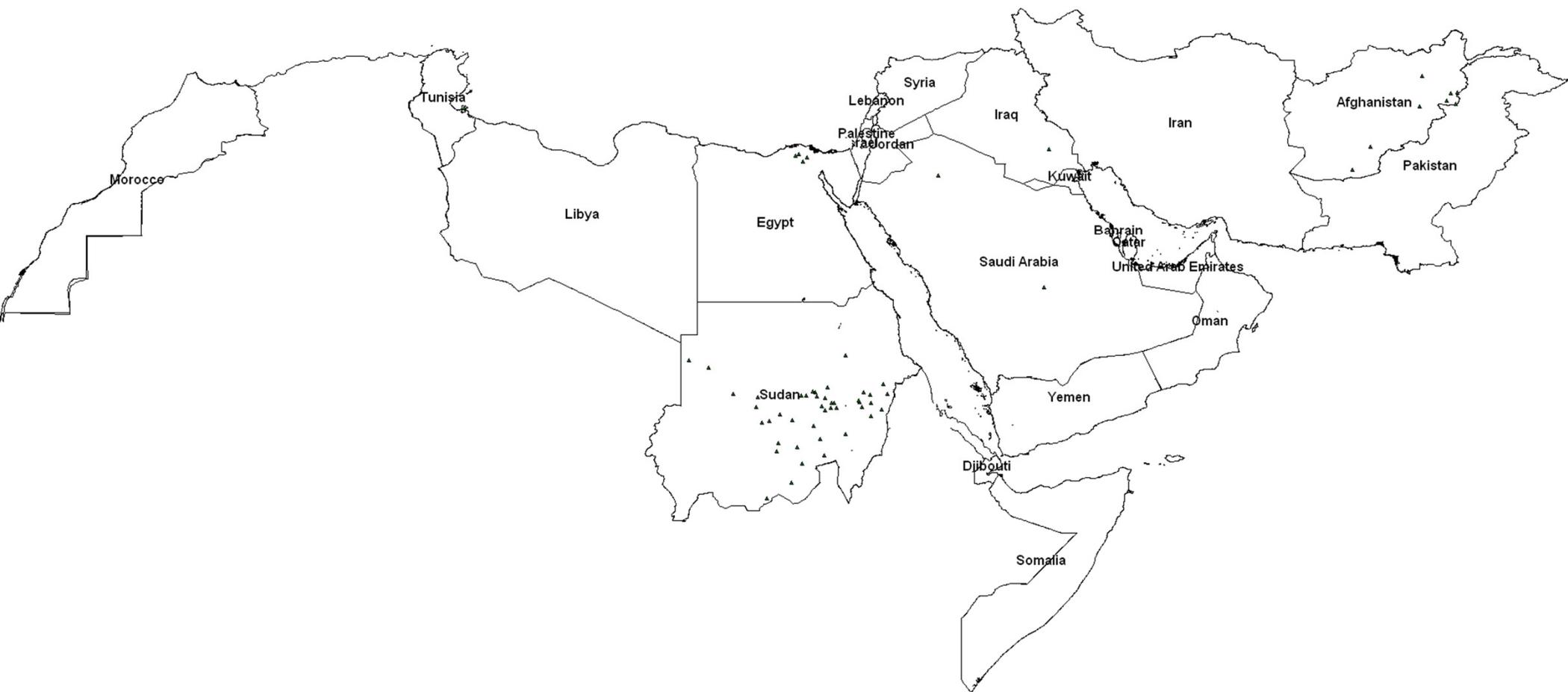
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***Vaccine related case – a suspect case that has a rash like illness without respiratory symptoms and the rash had onset 7-14 days following vaccination and the lab detected IgM in the blood specimen that was collected 8-56 days after vaccination and there were no secondary cases identified. OR any suspect case from which virus is isolated and genotyping test reveals the virus to be a vaccine strain

Total confirmed cases; include all cases confirmed by laboratory testing or epi linkage, plus those clinical cases that were reported without a laboratory specimen or epi linkage

Geographic distribution of Rubella cases in the EMR countries January 2017



- ▲ Rubella Lab confirmed N=60
- Rubella Epi Linked N=0
- Rubella clinically compatible N=1

Measles and Rubella laboratory summary report

Between 01/01/2017 and 31/01/2017

Country	Total Suspected cases M/R	Measles								Rubella								Reported to EPI within 4days
		specimens tested	%	Positive	%	Negative	%	Equivocal	%	specimens tested	%	Positive	%	Negative	%	Equivocal	%	
Afghanistan	304	304	100%	227	75%	77	25%	0	0%	77	25%	8	10%	69	90%	0	0%	99%
Bahrain	30	30	100%	0	0%	30	100%	0	0%	30	100%	0	0%	30	100%	0	0%	100%
Iran	716	606	85%	25	4%	581	96%	0	0%	606	85%	4	1%	602	99%	0	0%	93%
Iraq	24	23	96%	0	0%	23	100%	0	0%	23	96%	1	4%	22	96%	0	0%	96%
Egypt	260	200	77%	4	2%	196	98%	0	0%	202	78%	6	3%	196	97%	0	0%	99%
Lebanon	7	5	71%	3	60%	2	40%	0	0%	1	14%	0	0%	1	100%	0	0%	100%
Morocco	15	15	100%	0	0%	15	100%	0	0%	13	87%	0	0%	13	100%	0	0%	87%
Pakistan	572	572	100%	365	64%	207	36%	0	0%	572	100%	0	0%	572	100%	0	0%	74%
Palestine	4	4	100%	0	0%	4	100%	0	0%	4	100%	0	0%	4	100%	0	0%	100%
Saudi Arabia	154	154	100%	75	49%	79	51%	0	0%	154	100%	2	1%	152	99%	0	0%	99%
Sudan	247	198	80%	30	15%	168	85%	0	0%	198	80%	43	22%	154	78%	1	1%	94%
Syria	51	50	98%	26	52%	24	48%	0	0%	42	82%	0	0%	40	95%	2	5%	90%
Tunisia	11	10	91%	1	10%	9	90%	0	0%	11	100%	2	18%	9	82%	0	0%	82%
UAE	46	41	89%	8	20%	33	80%	0	0%	36	78%	1	3%	35	97%	0	0%	78%
Yemen	353	3	1%	2	67%	1	33%	0	0%	3	1%	0	0%	3	100%	0	0%	1%
Total	2794	2215	79%	766	35%	1449	65%	0	0%	1972	71%	67	3%	1902	96%	3	0%	86%