

EMR cumulative indigenous Measles/Rubella cases counts and surveillance indicators

Between 01/01/2021 and 30/09/2021

Country	Measles case finding report							Rubella case finding report						Measles incidence/1000,000*	Reporting rate***	Indicators: target ≥80%					Last date reported	Genotypes reorted
	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 compatible	Total Rubella	Rubella discarded			suspects tested for Measles****	cases with complete investigation	specimens received at the lab within 5 days	specimens with adequate condition	results reported back within 4 days		
Afghanistan	2285	2265	1698	0	71	1769	496	1056	26	0	0	26	1030	44.41	1.25	99%	86%	90%	99%	74%	30-09-2021	
Bahrain	82	82	0	0	0	0	82	82	0	0	0	0	82	0.00	4.69	100%	100%	100%	100%	100%	30-09-2021	
Djibouti	NR*	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
Iran	2905	2820	87	0	2	89	2731	2866	25	0	0	25	2841	1.05	3.21	97%	79%	97%	100%	66%	30-09-2021	
Iraq	122	116	4	0	0	4	112	116	3	0	0	3	113	0.10	0.27	95%		40%	100%	64%	30-09-2021	
Jordan	25	25	0	0	0	0	25	24	0	0	0	0	24	0.00	0.24	100%	17%	86%	100%		30-09-2021	
Egypt	1745	1718	0	0	0	0	1718	1718	0	0	0	0	1718	0.00	1.65	98%	21%	95%	100%	81%	30-09-2021	
Kuwait	37	34	2	0	0	2	32	34	1	0	0	1	33	0.46	0.74	92%	51%	32%	100%		30-09-2021	
Lebanon	5	5	0	0	5	5	0	3	0	0	0	0	3	0.74	0.00	100%	100%	100%	100%	75%	31-03-2021	
Libya	96	94	14	0	0	14	80	94	10	0	0	10	84	2.01	1.18	98%	60%	16%	100%	74%	30-09-2021	
Morocco	37	37	0	0	0	0	37	37	1	0	0	1	36	0.00	0.10	100%	50%	70%	100%	81%	30-09-2021	
Oman	161	157	0	0	0	0	157	159	0	0	0	0	159	0.00	3.01	98%	69%	94%	100%	89%	30-09-2021	B3 imp.
Pakistan	14856	14825	5307	206	918	6431	8394	12339	44	0	0	44	12295	28.56	3.73	100%	60%	80%	92%	64%	30-09-2021	
Palestine	20	20	0	0	0	0	20	20	0	0	0	0	20	0.00	0.38	100%	50%	50%	100%	83%	30-09-2021	
Qatar	6	6	0	0	0	0	6	5	1	0	0	1	4	0.00	0.20	100%	67%	100%	100%	85%	30-09-2021	
Saudi Arabia	288	288	13	0	0	13	275	288	12	0	0	12	276	0.36	0.78	100%	71%	100%	100%	99%	31-08-2021	
Somalia ★	4771	2658	619	0	0	619	2039	2344	2	0	0	2	2342	37.84	12.46	56%	100%	97%	100%	30%	30-09-2021	
Sudan	1637	1556	460	289	0	749	807	1556	242	150	0	392	1164	16.68	1.80	95%	74%	70%	100%	52%	31-08-2021	
Syria	527	526	10	0	0	10	516	526	7	0	0	7	519	0.55	2.82	100%	60%	59%	100%	100%	30-09-2021	
Tunisia	46	40	1	0	0	1	39	40	2	0	0	2	38	0.08	0.33	87%	91%	25%	100%	89%	30-09-2021	
UAE	70	63	11	0	6	17	46	63	0	0	0	0	63	1.70	0.46	90%	60%	97%	100%	89%	31-08-2021	
Yemen	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
Total	29721	27335	8226	495	1002	9723	17612	23370	376	150	0	526	22844	7.08	2.07	100%	67%	79%	100%	73%		

*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
 *NR- Not reported

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 MCV
 -Date specimen collected.
 -Travel history

Countries that did not report

★ Somalia reported aggregate data

Measles final classification and distribution by Month

Between 01/01/2021 and 30/09/2021

Country	Total Suspected cases for measles	Total specimens tested	Imported Measles cases*	Measles import related*	Vaccine related***	Unknown source	Measles Lab confirmed	Measles Epi-Linked	Measles clinically compatible	Total confirmed cases#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Afghanistan	2285	2265	0	0	0	0	1698	0	71	1769	123	306	369	376	240	157	102	54	42			
Bahrain	82	82	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Djibouti	NR*	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR			
Iran	2905	2820	32	32	171	4	87	0	2	89	0	0	0	17	22	30	8	10	2			
Iraq	122	116	0	0	1	0	4	0	0	4	3	0	0	0	0	1	0	0	0			
Jordan	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Egypt	1745	1718	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Kuwait	37	34	0	0	0	0	2	0	0	2	0	1	0	0	1	0	0	0	0			
Lebanon	5	5	0	0	0	0	0	0	5	5	1	2	2	0	0	NR	NR	NR	NR			
Libya	96	94	0	0	0	0	14	0	0	14	0	9	2	1	2	0	0	0	0			
Morocco	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Oman	161	157	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Pakistan	14856	14825	0	0	0	0	5307	206	918	6431	677	970	1186	1492	754	977	278	63	34			
Palestine	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Qatar	6	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Saudi Arabia	288	288	0	0	0	0	13	0	0	13	0	0	2	0	3	6	1	1	NR			
Somalia	4771	2658	0	0	0	0	619	0	0	619	84	102	45	82	26	21	167	61	31			
Sudan	1637	1556	0	0	6	0	460	289	0	749	4	8	15	25	94	262	168	100	73			
Syria	527	526	0	0	16	0	10	0	0	10	2	2	1	3	0	0	0	2	0			
Tunisia	46	40	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0			
UAE	70	63	0	0	0	0	11	0	6	17	1	3	1	4	5	1	0	2	NR			
Yemen	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR			
Total	29721	27335	32	32	207	4	8226	495	1002	9723	895	1404	1623	2000	1147	1455	724	293	182			

* 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)

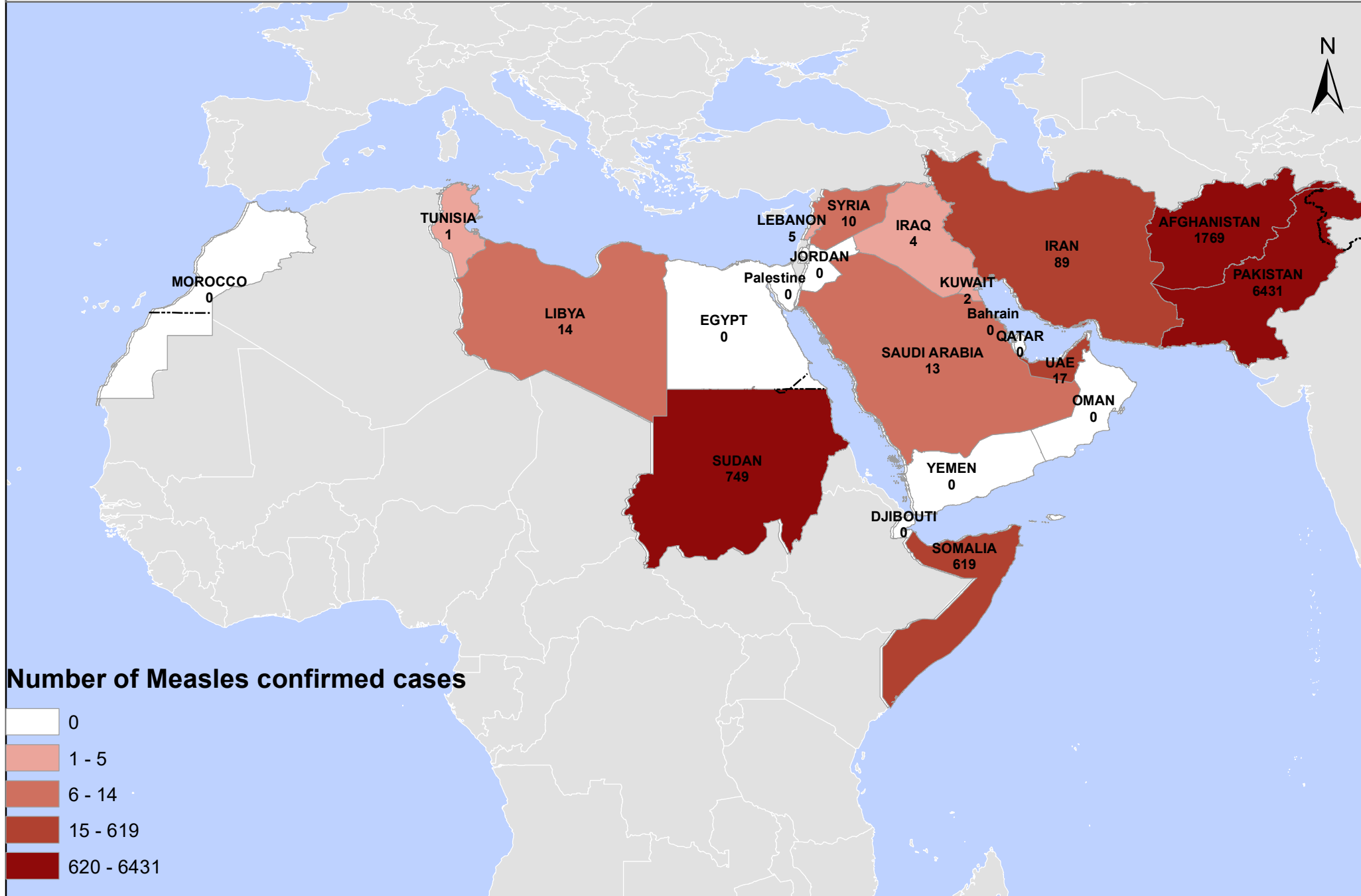
** Importation related measles/rubella case – a locally acquired infection occurring as part of a chain of transmission originating from an imported case as supported by epidemiological or virological evidence

***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

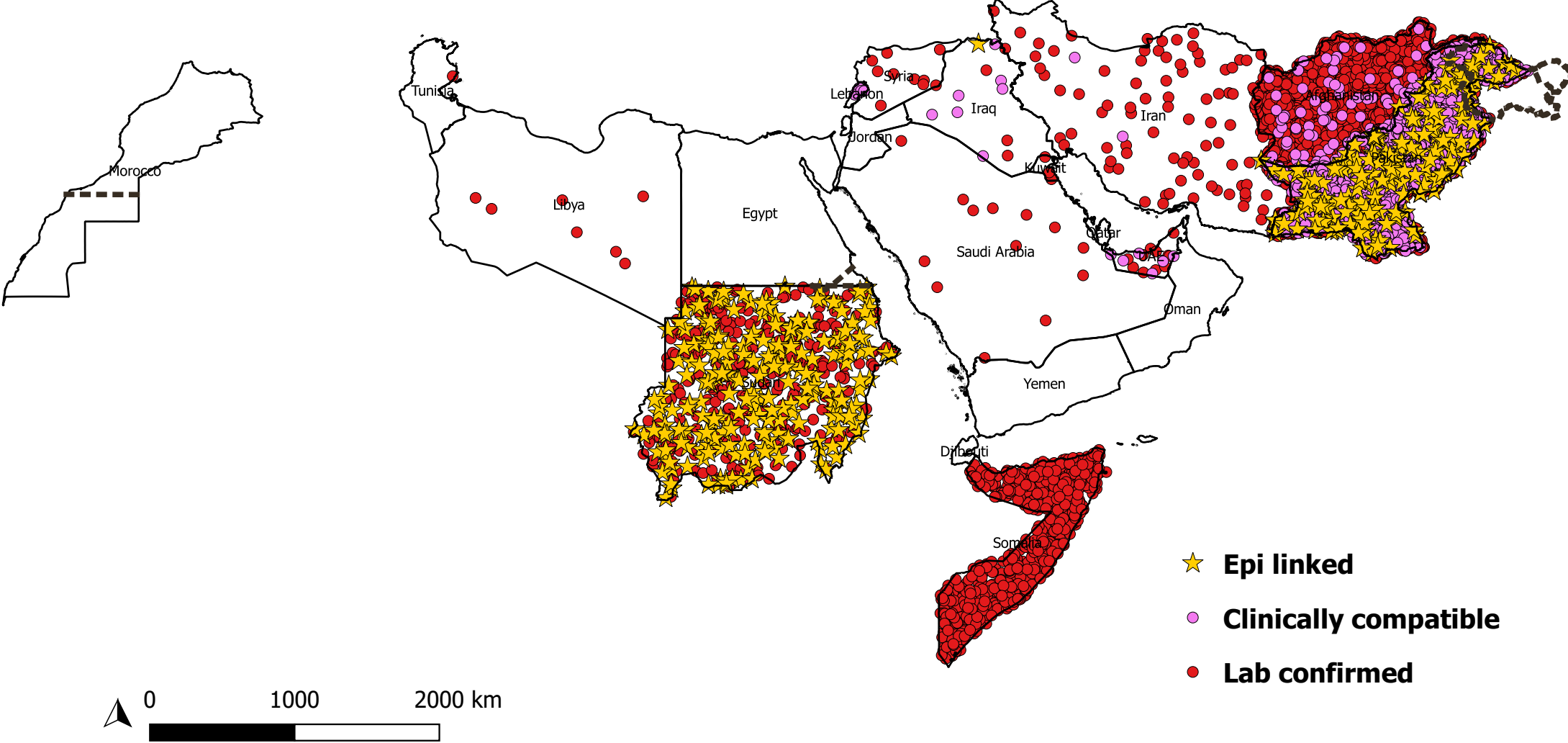
Total confirmed cases; include all cases confirmed by laboratory testing or epi linkage, plus those clinical cases that were reported without a laboratory specimen or epi linkage

*NR- Not reported to date

Total Measles confirmed cases up to September 30, 2021



Cumulative geographic Distribution of Measles cases in the EMR countries Up to September, 30 2021



Remak: The boundaries and names shown and the designations used on this map don not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country,territory, City or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.Dotted dashed lines on the maps represent approximate border lines for which there may not yet be full agreement.

Rubella final classification and distribution by Month

Between 01/01/2021 and 30/09/2021

Country	Total Suspected cases for Rubella	Total specimens tested	Imported Rubella cases*	Rubella import related*	Vaccine related***	Unknown source	Rubella Lab confirmed	Rubella Epi-Linked	Rubella clinically compatible	Total confirmed cases#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Afghanistan	2285	1056	0	0	0	0	26	0	0	26	0	3	7	3	11	0	0	2	0				
Bahrain	82	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Djibouti	NR*	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR				
Iran	2905	2866	11	1	75	7	25	0	0	25	0	0	0	3	9	8	4	0	1				
Iraq	122	116	0	0	0	0	3	0	0	3	2	0	0	0	0	0	0	0	1				
Jordan	25	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Egypt	1745	1718	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Kuwait	37	34	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0				
Lebanon	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR				
Libya	96	94	0	0	0	0	10	0	0	10	1	4	1	2	0	1	1	0	0				
Morocco	37	37	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0				
Oman	161	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Pakistan	14856	12339	0	0	0	0	44	0	0	44	0	0	0	18	7	6	3	3	7				
Palestine	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Qatar	6	5	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0				
Saudi Arabia	288	288	0	0	0	0	12	0	0	12	2	0	1	1	1	2	2	3	NR				
Somalia	3732	2344	0	0	0	0	2	2	0	2	0	0	0	0	0	2	0	0	0				
Sudan	1637	1556	0	0	0	0	242	150	0	392	8	11	21	68	117	102	32	19	14				
Syria	527	526	0	0	0	0	7	0	0	7	0	0	0	1	1	1	1	2	1				
Tunisia	46	40	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0				
UAE	70	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NR				
Yemen	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR			
Total	28682	23370	11	1	75	7	376	152	0	526	15	18	30	97	147	123	43	29	24				

* 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)

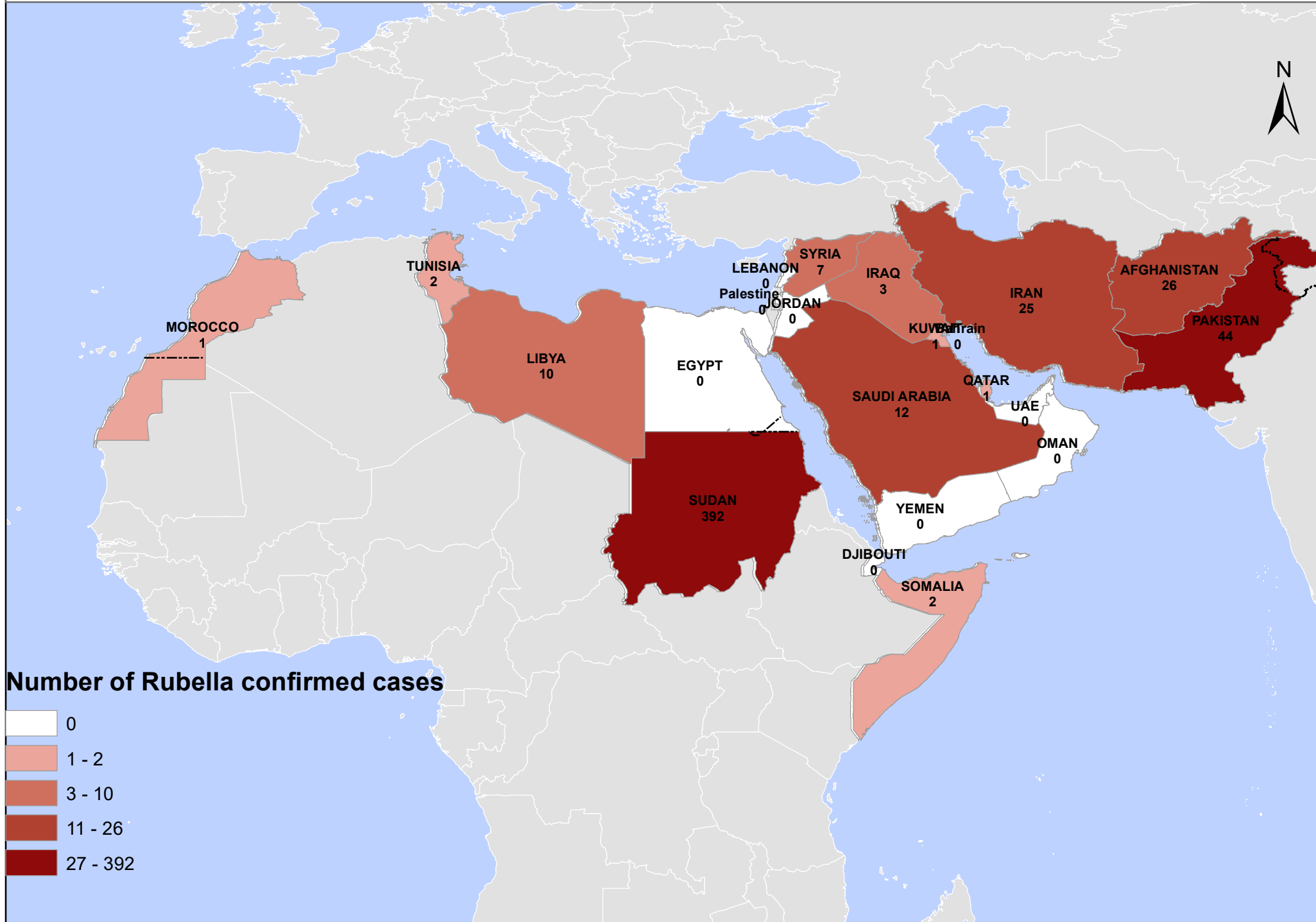
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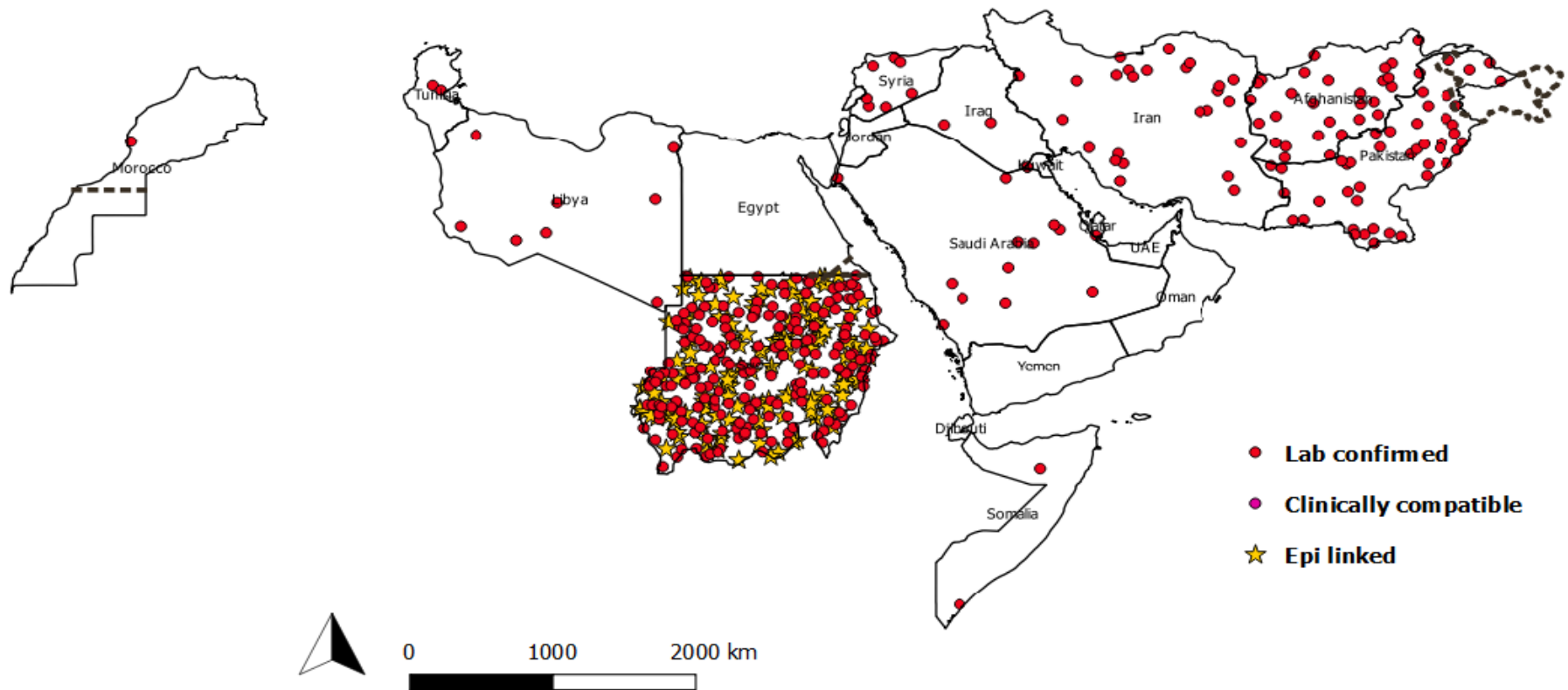
Total confirmed cases; include all cases confirmed by laboratory testing or epi linkage, plus those clinical cases that were reported without a laboratory specimen or epi linkage

*NR- Not reported to date

Total Rubella confirmed cases up to September 30, 2021



Cumulative geographic Distribution of Rubella cases in the EMR countries Up to September, 30 2021



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EMR MR elemination status up to September 30, 2021

