

EMR cumulative indigenous Measles/Rubella cases counts and surveillance indicators

Between 01/01/2021 and 31/07/2021

Country	Measles case finding report							Rubella case finding report						Measles 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 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	2098	2093	1602	0	71	1673	420	979	24	0	0	24	955	42.00	1.05	100%	86%	91%	99%	76%	31-07-2021	
Bahrain	43	43	0	0	0	0	43	43	0	0	0	0	43	0.00	2.46	100%	100%	100%	100%	100%	31-07-2021	
Djibouti	NR*	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
Iran	2478	2432	75	0	1	76	2356	2432	24	0	0	24	2408	0.89	2.77	98%	81%	97%	100%	66%	31-07-2021	
Iraq	88	83	3	1	7	11	72	84	2	0	0	2	82	0.27	0.17	94%		77%	100%	41%	31-07-2021	
Jordan	10	10	0	0	0	0	10	9	0	0	0	0	9	0.00	0.10	100%		75%	100%		31-07-2021	
Egypt	1423	1423	0	0	0	0	1423	1423	0	0	0	0	1423	0.00	1.36	100%	21%	94%	100%	80%	31-07-2021	
Kuwait	35	35	3	0	0	3	32	35	2	0	0	2	33	0.69	0.74	100%	43%	28%	100%		31-07-2021	
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	73	67	7	0	0	7	60	68	7	0	0	7	61	1.01	0.89	92%	64%	13%	100%	70%	31-07-2021	
Morocco	32	32	0	0	0	0	32	32	1	0	0	1	31	0.00	0.09	100%	47%	78%	100%	83%	31-07-2021	
Oman	117	113	0	0	0	0	113	115	0	0	0	0	115	0.00	2.16	97%	58%	94%	100%	91%	31-07-2021	B3 imp.
Pakistan	14249	14247	5210	206	918	6334	7913	11761	34	0	0	34	11727	28.13	3.51	100%	58%	80%	93%	63%	31-07-2021	
Palestine	14	14	0	0	0	0	14	14	0	0	0	0	14	0.00	0.27	100%	50%	50%	100%	83%	31-07-2021	
Qatar	5	5	0	0	0	0	5	4	1	0	0	1	3	0.00	0.17	100%	60%	100%	100%	100%	31-07-2021	
Saudi Arabia	248	248	12	0	0	12	236	248	9	0	0	9	239	0.33	0.67	100%	71%	100%	100%	99%	31-07-2021	
Somalia ★	3732	2529	527	0	0	527	2002	2344	2	0	0	2	2342	32.21	12.24	68%	100%	97%	100%	37%	31-07-2021	
Sudan	1308	1301	330	246	0	576	725	1301	209	150	0	359	942	12.83	1.61	99%	99%	73%	100%	50%	31-07-2021	
Syria	410	409	8	0	0	8	401	409	4	0	0	4	405	0.44	2.19	100%	70%	63%	100%	99%	31-07-2021	
Tunisia	42	36	1	0	0	1	35	36	2	0	0	2	34	0.08	0.29	86%	91%	64%	100%	89%	30-06-2021	
UAE	59	53	10	0	5	15	38	53	0	0	0	0	53	1.50	0.38	90%	50%	96%	100%	90%	31-07-2021	
Yemen	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
Total	26469	25178	7788	453	1007	9248	15930	21393	321	150	0	471	20922	6.37	1.74	100%	66%	83%	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 31/07/2021

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	2098	2093	0	0	0	0	1602	0	71	1673	123	306	369	376	240	157	102					
Bahrain	43	43	0	0	3	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					
Iran	2478	2432	32	32	142	4	75	0	1	76	0	0	0	17	22	30	7					
Iraq	88	83	0	0	1	0	3	1	7	11	6	0	1	1	0	2	1					
Jordan	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Egypt	1423	1423	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Kuwait	35	35	0	0	0	0	3	0	0	3	0	1	0	0	2	0	0					
Lebanon	5	5	0	0	0	0	0	0	5	5	1	2	2	0	0	NR	NR					
Libya	73	67	0	0	0	0	7	0	0	7	0	4	0	1	2	0	0					
Morocco	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Oman	117	113	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0					
Pakistan	14249	14247	0	0	0	0	5210	206	918	6334	677	970	1186	1492	754	977	278					
Palestine	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Qatar	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Saudi Arabia	248	248	0	0	0	0	12	0	0	12	0	0	2	0	3	6	1					
Somalia	3732	2529	0	0	0	0	527	0	0	527	84	102	45	82	26	21	167					
Sudan	1308	1301	0	0	0	0	330	246	0	576	4	8	15	25	94	262	168					
Syria	410	409	0	0	10	0	8	0	0	8	2	2	1	3	0	0	0					
Tunisia	42	36	0	0	1	0	1	0	0	1	0	1	0	0	0	0	NR					
UAE	59	53	0	0	0	0	10	0	5	15	1	3	1	4	5	1	0					
Yemen	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR					
Total	26469	25178	32	32	164	4	7788	453	1007	9248	898	1399	1622	2001	1148	1456	724					

* 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)

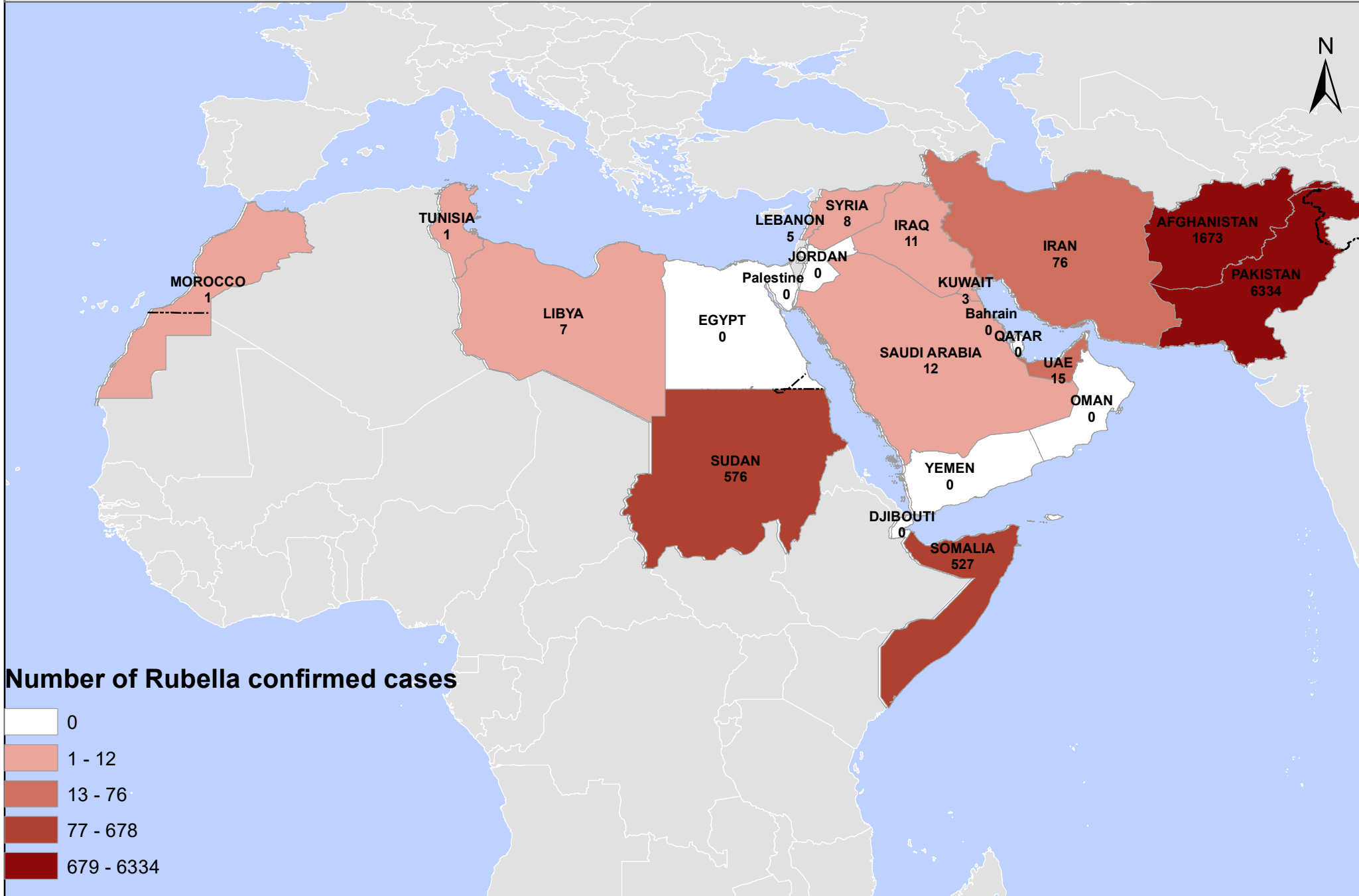
** Importation related measles/rubella case – a locally acquired infection occurring as part of a chain of transmission originating from an imported case as supported by epidemiological or virological evidence

***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

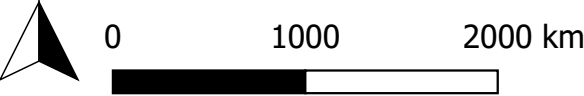
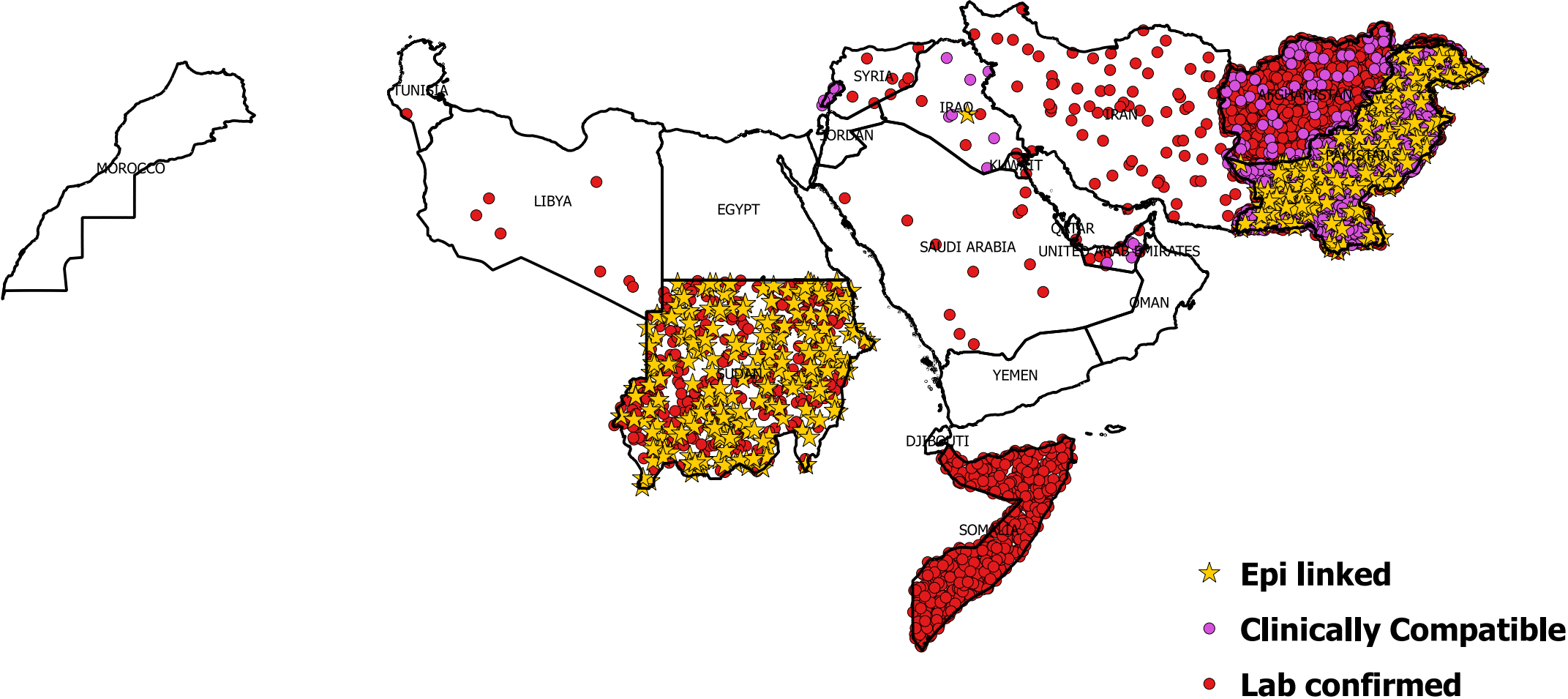
Total confirmed cases; include all cases confirmed by laboratory testing or epi linkage, plus those clinical cases that were reported without a laboratory specimen or epi linkage

*NR- Not reported to date

Total Measles confirmed cases July 2021



Cumulative geographic Distribution of Measles cases in the EMR countries July 2021



Rubella final classification and distribution by Month

Between 01/01/2021 and 31/07/2021

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	2098	979	0	0	0	0	24	0	0	24	0	3	7	3	11	0	0					
Bahrain	43	43	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					
Iran	2478	2432	11	1	75	7	24	0	0	24	0	0	0	3	9	8	4					
Iraq	88	84	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0					
Jordan	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Egypt	1423	1423	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Kuwait	35	35	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0					
Lebanon	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	NR	NR					
Libya	73	68	0	0	0	0	7	0	0	7	1	3	0	2	0	1	0					
Morocco	32	32	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0					
Oman	117	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Pakistan	14249	11761	0	0	0	0	34	0	0	34	0	0	0	18	7	6	3					
Palestine	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Qatar	5	4	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0					
Saudi Arabia	248	248	0	0	0	0	9	0	0	9	2	0	1	1	1	2	2					
Somalia	3732	2344	0	0	0	0	2	2	0	2	0	0	0	0	0	2	0					
Sudan	1308	1301	0	0	0	0	209	150	0	359	8	11	21	68	117	102	32					
Syria	410	409	0	0	0	0	4	0	0	4	0	0	0	1	1	1	1					
Tunisia	42	36	0	0	0	0	2	0	0	2	2	0	0	0	0	0	NR					
UAE	59	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Yemen	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR					
Total	26469	21393	11	1	75	7	321	152	0	471	15	17	29	97	148	123	42					

* 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)

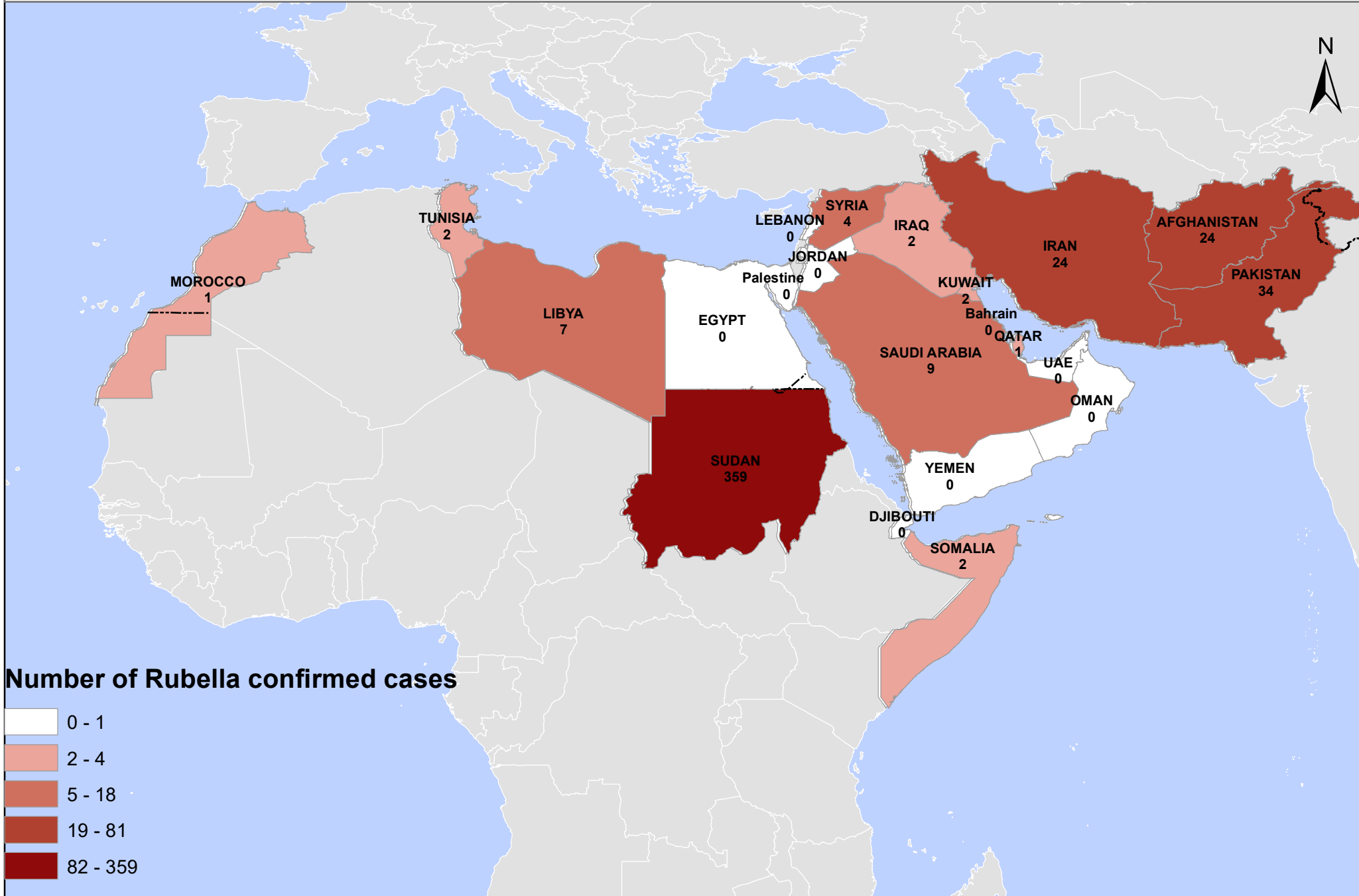
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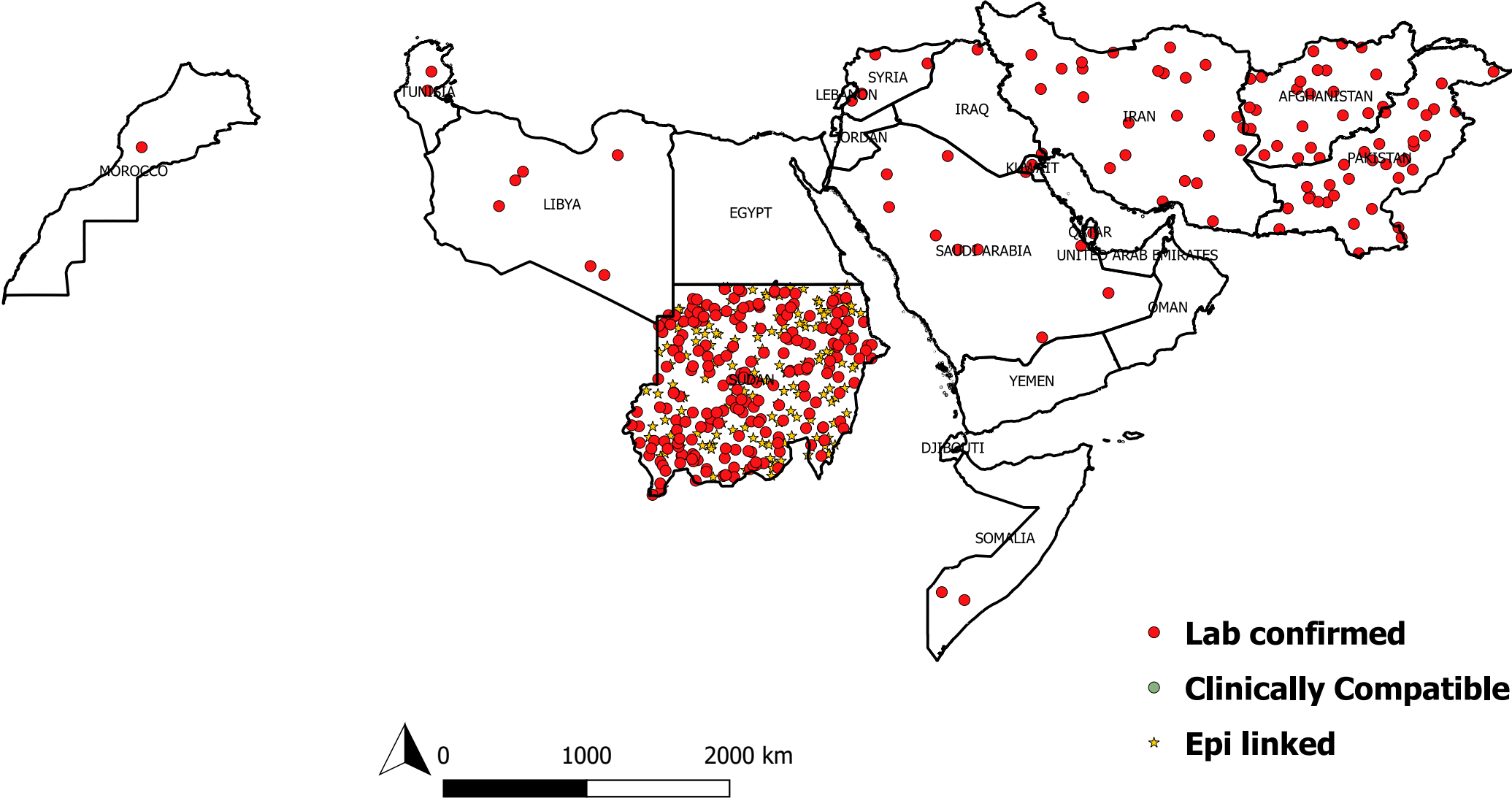
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*NR- Not reported to date

Total Rubella confirmed cases July 2021



Cumulative geographic distribution Of Rubella cases in the EMR countries July 2021



EMR MR elemination status July 2021

