

EMR cumulative indigenous Measles/Rubella cases counts and surveillance indicators

Between 01/01/2021 and 28/02/2021

Country	Measles case finding report							Rubella case finding report						Measles incidence/100,000 *	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	445	445	326	0	27	353	92	445	4	0	0	4	441	0.80	1.20	100%	95%	94%	100%	70%	28-02-2021	
Bahrain	14	14	0	0	0	0	14	14	0	0	0	0	14	0.00	0.90	100%	93%	100%	100%	86%	28-02-2021	
Djibouti																						
Iran	512	512	0	0	0	0	512	512	0	0	0	0	512	0.00	0.60	100%	74%	97%	100%	61%	28-02-2021	
Iraq	23	23	1	0	2	3	23	0	0	0	0	0	23	0.10	0.10	100%	73%	65%	100%	91%	23-02-2021	
Jordan	0	0	0	0	0	0	0	0	0	0	0	0	0									
Egypt	357	357	0	0	0	0	357	357	0	0	0	0	357	0.00	0.40	98%	65%	97%	100%	58%	28-02-2021	
Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0									
Lebanon	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.10	100%	100%	100%	100%	100%	25-02-2021	
Libya	18	18	3	0	0	3	15	18	2	0	0	2	16	0.40	0.10	100%	100%	12%	100%	41%	20-02-2021	
Morocco	1	1	0	0	0	0	1	1	0	0	0	0	1	0.00		100%	100%	100%	100%	100%	18-01-2021	
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0									B3 imp.
Pakistan	3009	3009	1173	137	337	1647	1362	3009	0	0	0	0	3009	1.60	1.30	100%	100%	82%	95%	56%	28-01-2021	
Palestine	0	0	0	0	0	0	0	0	0	0	0	0	0									
Qatar	3	3	0	0	0	0	3	3	0	0	0	0	3	0.00	0.10	100%	100%	100%	100%	100%	18-01-2021	
Saudi Arabia	71	71	0	0	0	71	71	71	2	0	0	2	69	0.00	0.20	100%	100%	100%	100%	100%	15-02-2021	
Somalia ★	0	0	0	0	0	0	0	0	0	0	0	0	0									
Sudan	98	95	12	0	0	12	64	95	19	0	0	19	76	0.30	0.10	97%	100%	77%	100%	43%	27-02-2021	
Syria	78	78	4	0	0	4	71	77	0	0	0	0	77	0.20	0.30	100%	100%	69%	100%	100%	28-02-2021	
Tunisia	8	8	1	0	0	1	7	8	2	0	0	2	6	0.10	0.00	100%	91%	64%	100%	88%	20-02-2021	
UAE	14	12	0	0	3	3	11	12	0	0	0	0	12	0.30	0.10	86%	14%	92%	100%	92%	22-02-2021	
Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0									
Total	4651	4646	1520	137	369	2097	2603	4622	29	0	0	29	4616	0.25	0.37	99%	87%	83%	100%	79%		

*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 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 28/02/2021

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	445	445	0	0	0	0	326	0	27	353	112	241	0	0	0	0	0	0	0	0	0	0
Bahrain	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Djibouti																						
Iran	512	512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iraq	23	23	0	0	0	0	1	0	2	3	3	0	0	0	0	0	0	0	0	0	0	0
Jordan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	357	357	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lebanon	4	4	0	0	0	0	0	0	4	4	2	2	0	0	0	0	0	0	0	0	0	0
Libya	18	18	0	0	0	0	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0
Morocco	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pakistan	3009	3009	0	0	0	0	1173	137	337	1647	677	970	0	0	0	0	0	0	0	0	0	0
Palestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Qatar	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	71	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Somalia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	98	95	0	0	0	0	12	0	0	12	4	8	0	0	0	0	0	0	0	0	0	0
Syria	78	78	0	0	0	0	4	0	0	4	2	2	0	0	0	0	0	0	0	0	0	0
Tunisia	8	8	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
UAE	14	12	0	0	0	0	0	0	3	3	1	2	0	0	0	0	0	0	0	0	0	0
Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4655	4650	0	0	0	0	1520	137	373	2030	801	1229	0	0	0	0	0	0	0	0	0	0

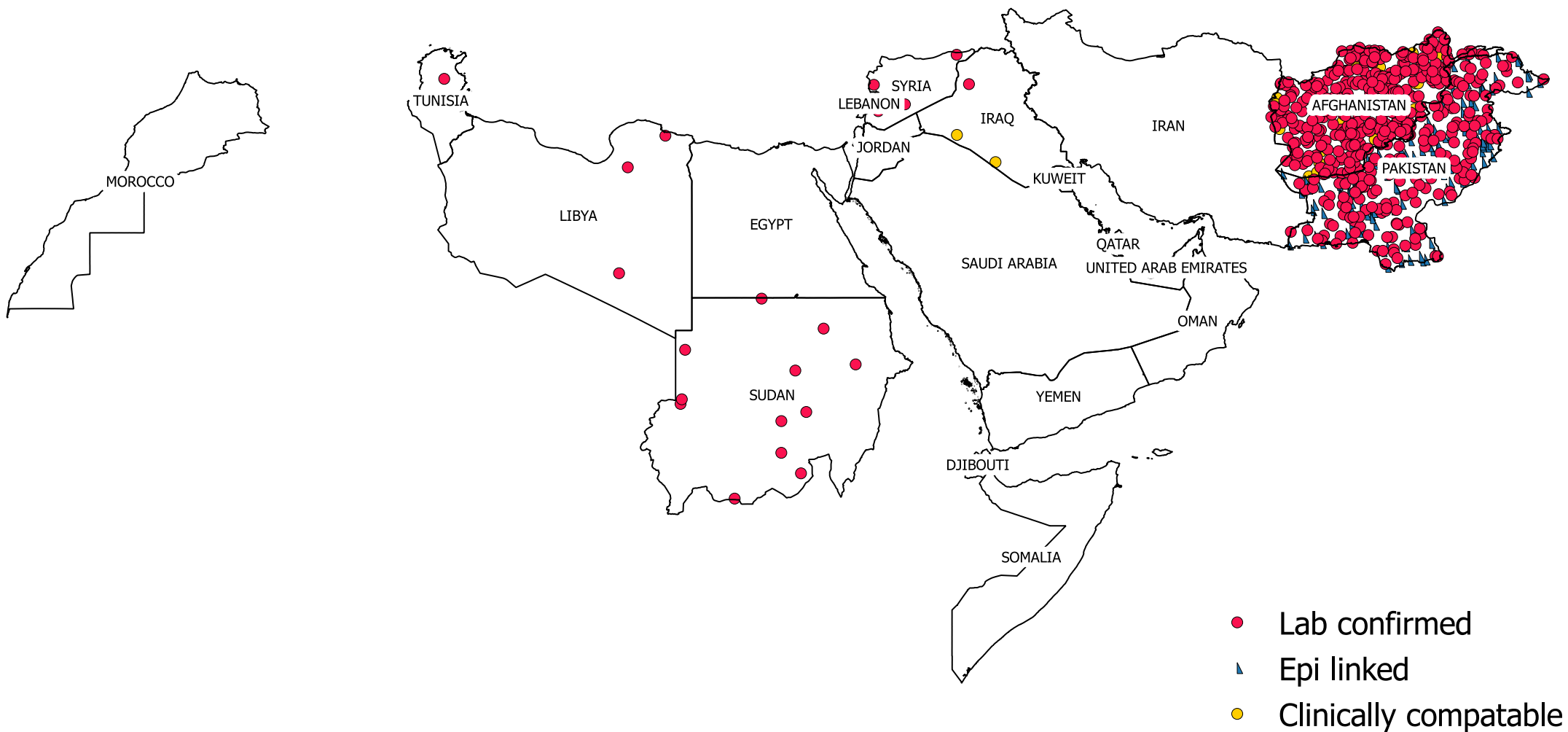
* Imported measles/rubella case – a case exposed to measles outside the country during the 7-21 days prior to rash onset and supported by epidemiological or virological evidence (for rubella the exposure would be during the 12-23 days prior to rash onset)

** 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

Comulative geographic distribution of Measles cases in the EMR countries February 2021



Rubella final classification and distribution by Month

Between 01/01/2021 and 28/02/2021

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	445	445	0	0	0	0	4	0	0	4	2	2	0	0	0	0	0	0	0	0	0	0
Bahrain	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Djibouti																						
Iran	512	512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iraq	23	23	0	0	0	0	20	0	0	20	14	6	0	0	0	0	0	0	0	0	0	0
Jordan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	357	354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lebanon	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Libya	18	18	0	0	0	0	2	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0
Morocco	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pakistan	3009	3009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Qatar	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	71	71	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0
Somalia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	98	95	0	0	0	0	19	0	0	19	8	11	0	0	0	0	0	0	0	0	0	0
Syria	78	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tunisia	8	8	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0
UAE	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4655	4646	0	0	0	0	49	0	0	49	29	20	0	0	0	0	0	0	0	0	0	0

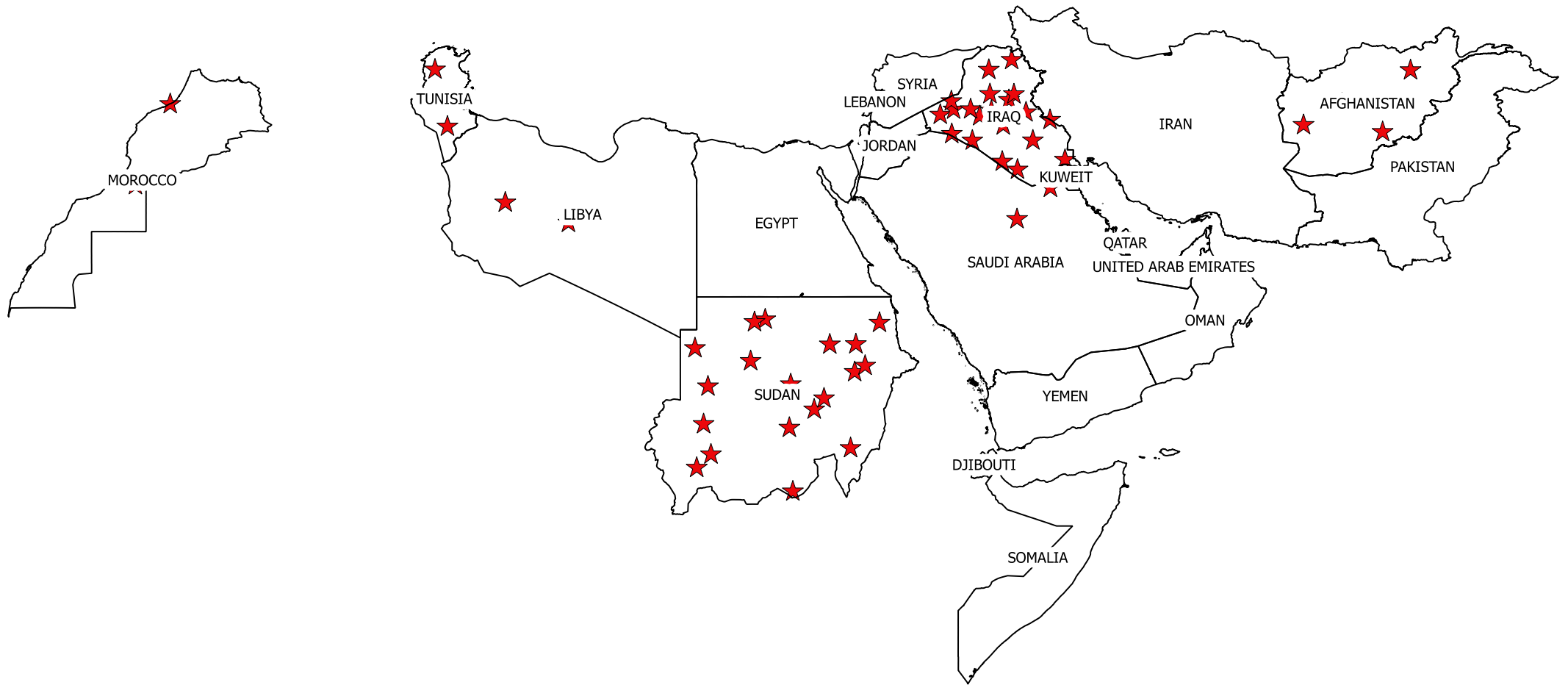
* Imported measles/rubella case – a case exposed to measles outside the country during the 7-21 days prior to rash onset and supported by epidemiological or virological evidence (for rubella the exposure would be during the 12-23 days prior to rash onset)

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Cumulative geographic distribution of Rubella cases in the EMR countries February 2021



- ★ Lab confirmed
- ◉ Clinically Compatible
- ▲ Epi linked

