



Epidemiological curve of MR suspected cases and performance of surveillance indicators: Andean and Southern Cone subregions, 2020



Source: ISIS and country reports | *Data as of epidemiological week 1, 2021. Brazil was not included.

The significant reduction in the notification of suspected measles and rubella (MR) cases from epidemiological week 13 affected compliance of the annual notification rate in all countries except Paraguay. However, heterogeneity is observed in the fulfillment of the surveillance indicators. For the countries of the Andean subregion, there was a better performance in the adequate investigation and sample collection indicators, while the two laboratory indicators fell. For the Southern Cone countries, the situation is reversed for the adequate investigation indicator, and a better performance is observed in the laboratory indicators.

Table.1 Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-01, 2021

Subregion and Country	Susp. Cases 2021	Measles Confirmed 2021				Year/Week Last Conf. Measles case	Rubella Confirmed 2021			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2021		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	...	...	...	...	2020-16	...	...	...	2006-03	...	...	...	...	...	...	...
	COL	...	...	...	...	2020-09	...	...	...	2012-31	...	...	...	...	...	...	2005-34
	ECU	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	...	...	2011-14
	PER	1	0	0	...	2019-18	0	0	0	2009-04	0	0	0	0	0	0	2007-16
	VEN	...	...	...	...	2019-33	...	...	...	2007-51	...	...	...	...	...	...	...
BRA	BRA	...	...	...	...	2020-52	...	...	...	2014-40	...	...	...	...	...	...	2009-34
CAP	CRI	...	...	...	...	2019-13	...	...	...	2001-39	...	...	...	...	...	...	...
	GTM	0	0	0	...	2018-03	0	0	0	2006-31	0	0	0	0	0	0	2005-00
	HND	0	0	0	...	1998-16	0	0	0	2004-11	0	0	0	0	0	0	2001-00
	NIC	0	0	0	...	1994-14	0	0	0	2004-19	0	0	0	0	0	0	2005-00
	PAN	...	...	...	...	2011-20	...	...	...	2002-48	...	...	...	...	...	...	...
	SLV	0	0	0	...	2001-19	0	0	0	2006-30	0	0	0	0	0	0	2001-00
CAR	CAR	0	0	0	...	2019-48	0	0	0	2008-18	0	0	0	0	0	0	1999-00
LAC	CUB	...	...	...	...	2019-24	...	...	...	2004-06	...	...	...	...	...	...	1989-10
	DOM	1	0	0	...	2011-18	0	0	0	2007-45	0	0	0	0	0	0	...
	HTI	0	0	0	...	2001-39	0	0	0	2006-21	0	0	0	0	0	0	...
MEX	MEX	1	0	0	...	2020-23	0	0	0	2018-14	0	0	0	0	0	0	...
NOA	CAN	...	...	...	...	2020-06	0	0	0	2019-50	0	0	0	0	0	0	2018-39
	USA	...	...	...	...	2020-48	...	...	...	2019-03	...	...	...	...	...	...	2017-00
SOC	ARG	0	0	0	...	2020-12	0	0	0	2019-47	0	0	0	0	0	0	2009-27
	CHL	...	...	...	...	2020-03	...	...	...	2019-14	...	...	...	...	...	...	...
	PRY	3	0	0	...	1998-44	0	0	0	2005-21	0	1	0	0	0	0	2003-06
	URY	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...	...
TOTAL	6	0	0	0	0	--	0	0	0	--	0	1	0	0	0	--	--

*Congenital Rubella Infection.

...No updated report received



Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-01, 2021

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							
CAP	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
CAR	CAR							
LAC	CUB							
	DOM							
	HTI							
MEX	MEX*							
NOA	CAN							
	USA							
SOC	ARG							
	CHL							
	PRY							
	URY							
TOTAL		0	0	0	0	0	0	0

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-01, 2021

Country	Pending Cases 2020	Cumulative 2021	Week of Onset						% Pend. Cases
			1						
BOL	2	...	...					...
COL	158	...	...					...
ECU	25	...	...					...
PER	1	1	1					100	
VEN	1	...	...					...
BRA	490	...	...					...
CRI	0	...	...					...
GTM	5	0	0					0	
HND	1	0	0					0	
NIC	5	0	0					0	
PAN	1	...	...					...
SLV	0	0	0					0	
CAR	0	0	0					0	
CUB	0	...	...					...
DOM	27	1	1					100	
HTI	18	0	0					0	
MEX	155	1	1					100	
CAN	...	...	...					...
USA	...	...	...					...
ARG	1	0	0					0	
CHL	4	...	...					...
PRY	57	2	2					67	
URY	1	...	...					...
TOTAL	952	5	5					83	

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

... No updated report received

*Pending final classification

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-01, 2021

Subregion and Country		Sites Reporting Weekly		% Cases with Adequate Investigation	% Cases with Adequate Sample	% Blood Samples Received in Lab. ≤5 days	% Lab. Results ≤4 days	Rate of Suspected Cases Last 52 weeks (2020/03-2021/01)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	...	...	...	...	0.6	0.0
	COL	4612	...	...	...	...	...	1.2	4.7
	ECU	2184	...	...	...	...	...	0.8	0.0
	PER	7781	...	100	0	0	0	0.2	0.0
	VEN	13092	...	...	...	...	...	0.2	0.3
	BRA	...	...	...	...	...	...	7.7	0.1
CAP	CRI	57	...	...	...	...	...	2.0	18.9
	GTM	1541	98	0	0	0	0	0.4	0.0
	HND	469	...	0	0	0	0	1.2	0.6
	NIC	185	...	0	0	0	0	1.9	2.0
	PAN	324	...	...	...	...	...	0.6	0.0
	SLV	1288	...	0	0	0	0	2.9	0.0
CAR	CAR	763	73	0	0	0	0	0.6	1.0
LAC	CUB	168	...	0	0	0	0	13.3	0.0
	DOM	247	...	0	0	0	0	0.4	0.0
	HTI	659	88	...	...	...	...	1.1	1.9
MEX	MEX	40016	91	100	100	100	0	1.8	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	0	0	0	0.6	0.0
	CHL	788	...	...	...	...	...	0.2	0.0
	PRY	1293	94	0	67	50	50	7.8	0.4
	URY	155	...	...	...	...	...	0.3	0.0
Total and Average*		79063	51	100	75	63	50	3.5	1.0

*Weighted

... No updated report received