

Trend analysis in the measles-rubella performance surveillance indicators following the regional sustainability plan. Latin America, 2017-2021

Country	MR notification rate per 100,000 population					Fulfillment of indicators*				
	2021	2020	2019	2018	2017	2021	2020	2019	2018	2017
Bolivia	●	●	●	●	●	✗	✗	✗	✗	✗
Colombia	●	●	●	●	●	✗	✗	●	●	●
Ecuador	●	●	●	●	●	✗	✗	●	●	●
Peru	●	●	●	●	●	✗	✗	✗	●	●
Venezuela	●	●	●	●	●	✗	✗	✗	✗	●
Brazil	●	●	●	●	●	✗	✗	✗	✗	●
Costa Rica	●	●	●	●	●	✗	●	●	✗	●
Guatemala	●	●	●	●	●	✗	✗	●	✗	✗
Honduras	●	●	●	●	●	✗	✗	●	●	✗
Nicaragua	●	●	●	●	●	●	✗	●	●	●
Panama	●	●	●	●	●	✗	✗	✗	✗	✗
El Salvador	●	●	●	●	●	●	●	●	●	●
Cuba	●	●	●	●	●	●	●	●	●	●
Dominican Republic	●	●	●	●	●	✗	✗	✗	✗	✗
Haiti	●	●	●	●	●	✗	✗	✗	✗	✗
Mexico	●	●	●	●	●	✗	●	●	●	●
Argentina	●	●	●	●	●	✗	✗	●	●	✗
Chile	●	●	●	●	●	✗	✗	●	●	✗
Paraguay	●	●	●	●	●	●	●	●	●	●
Uruguay	●	●	●	●	●	✗	✗	✗	✗	✗

*Countries who have met the annual rate of suspected measles-rubella cases (2 per 100,000 population) plus at least 3 of 5 surveillance indicators: CRS notification rate, % of cases with adequate investigation, % of cases with adequate sample, % of blood samples received in <= 5 days, % of laboratory results in <= 4 days).

Source: Integrated Surveillance Information System (ISIS); Measles Elimination Surveillance System (MESS) and country reports to FPL-IM/PAHO. Data updated as of February 11, 2022.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 5, 2022

Subregion and Country	Susp. Cases 2022	Measles Confirmed 2022				Year/Week Last Conf. Measles case	Rubella Confirmed 2022			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2022		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*			
AND	BOL	2	0	0	...	0	0	0	2020-16	0	0	0	0	2	0	0	0	...
	COL	46	0	0	...	0	0	0	2020-09	0	0	0	0	0	6	0	0	2005-34
	ECU	...	...	...	...	...	...	...	2018-33	...	...	...	...	...	...	...	...	2011-14
	PER	2	0	0	...	0	0	0	2019-18	0	0	0	0	1	0	0	0	2007-16
	VEN	0	0	0	...	0	0	0	2019-33	0	0	0	0	0	0	0	0	...
BRA	BRA	55	0	2	...	2	0	0	2022-04	0	0	0	0	15	3	...	...	2009-34
CAP	CRI	0	0	0	...	0	0	0	2019-13	0	0	0	0	0	5	...	...	...
	GTM	...	...	...	...	...	...	...	2018-03	...	...	...	...	...	...	...	...	2005-00
	HND	7	0	0	...	0	0	0	1998-16	0	0	0	0	5	1	0	0	2001-00
	NIC	13	0	0	...	0	0	0	1994-14	0	0	0	0	13	4	0	0	2005-00
	PAN	...	...	...	...	...	...	...	2011-20	...	...	...	...	...	...	...	...	...
	SLV	12	0	0	...	0	0	0	2001-19	0	0	0	0	12	14	0	0	2001-00
CAR	CAR	0	0	0	...	0	0	0	2019-48	0	0	0	0	0	0	0	0	1999-00
LAC	CUB	...	...	...	...	...	...	...	2019-24	...	...	...	...	...	...	...	...	1989-10
	DOM	1	0	0	...	0	0	0	2011-18	0	0	0	0	0	0	0	0	...
	HTI	8	0	0	...	0	0	0	2001-39	0	0	0	0	4	5	0	0	...
MEX	MEX	71	0	0	...	0	0	0	2020-23	0	0	0	0	50	0	0	0	...
NOA	CAN	...	...	...	...	0	0	0	2020-06	0	0	0	...	...	...	...	...	2018-39
	USA	...	...	...	...	0	0	0	2021-48	0	0	0	...	...	...	...	...	2017-00
SOC	ARG	0	0	0	...	0	0	0	2020-12	0	0	0	0	0	0	0	0	2009-27
	CHL	1	0	0	...	0	0	0	2020-03	0	0	0	0	1	0	0	0	...
	PRY	42	0	0	...	0	0	0	1998-44	0	0	0	0	35	0	0	0	2003-06
	URY	...	...	...	...	...	...	...	2020-07	...	...	...	...	...	...	...	...	...
TOTAL		260	0	2	...	2	0	0	0	...	0	0	0	138	38	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 5, 2022

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA			2				
	CAP							
	CRI							
	GTM							
	HND							
CAR	NIC							
	PAN							
	SLV							
	CAR							
	CUB							
LAC	DOM							
	HTI							
	MEX							
NOA	MEX							
	CAN							
SOC	USA							
	ARG							
	CHL							
	PRY							
	URY							
TOTAL		0	0	2	0	0	0	0

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

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 5, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset					% Pend. cases
			1	2	3	4	5	
BOL	0	0	0	0	0	0	0	0
COL	136	46	12	12	8	12	2	100
ECU	47	...	...	...	...	...	...	...
PER	1	1	0	0	1	0	...	50
VEN	4	0	0	0	0	...	...	0
BRA	124	38	18	13	6	1	0	69
CRI	3	0	0	0	0	0	...	0
GTM	0	...	...	...	...	...	...	...
HND	1	2	0	0	0	0	2	0
NIC	2	0	0	0	0	0	0	0
PAN	1	...	...	...	...	...	...	...
SLV	0	0	0	0	0	...	...	0
CAR	1	0	0	0	0	0	0	0
CUB	0	...	...	...	...	...	...	...
DOM	1	1	0	0	0	1	0	100
HTI	21	4	0	3	1	0	0	50
MEX	58	21	2	5	3	2	9	30
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	0	0	...	...	...	...	0
CHL	0	0	0	0	0	0	0	0
PRY	1	7	1	1	1	1	3	17
URY	0	...	...	...	...	...	...	...
TOTAL	401	120	33	34	20	17	16	46

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 5, 2022

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 (2021/06-2022/05)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	2657	...	50	100	100	100	1.0	1.3
	COL	5302	...	7	0	0	0	1.8	2.5
	ECU	2184	...	...	...	...	...	1.0	0.0
	PER	7781	...	50	100	0	0	0.2	0.0
	VEN	13092	...	0	0	0	0	1.1	0.0
CAP	BRA	...	...	...	...	91	89	1.1	0.2
	CRI	82	...	0	0	0	0	0.2	12.0
	GTM	1541	...	...	...	...	...	0.4	0.0
	HND	469	54	57	100	86	71	0.5	0.9
	NIC	185	...	100	92	85	92	2.1	4.2
CAR	PAN	324	...	...	...	...	...	0.5	0.0
	SLV	1305	...	83	100	100	100	5.6	21.5
	CAR	758	56	0	0	0	0	0.1	0.0
	LAC	CUB	168	...	...	...	...	2.9	0.0
	DOM	247	...	0	0	0	0	0.3	0.0
MEX	HTI	659	93	88	100	25	25	1.3	1.1
	MEX	40110	95	92	100	86	90	1.1	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	0	0	0	0.1	0.0
	CHL	789	...	0	0	0	0	0.2	9.4
	PRY	1381	94	67	95	70	88	8.0	0.3
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		79973	51	65	98	83	87	1.1	1.2

*Weighted

... No updated report received

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition. International Programs Center, Population Division, U.S. Census Bureau IDB Release Date: September 2019.