



The Regional Framework for the Monitoring and Re-verification of Measles, Rubella, and Congenital Rubella Syndrome Elimination in the Americas is now available in **Spanish** at the [Pan American Health Organization website](https://www.paho.org).

The Framework aims to guide PAHO Member States and the National Sustainability Committees on the requirements and procedures for monitoring the sustainability in their territories and re-verifying the measles and rubella elimination. This document was developed and critically reviewed by the Measles and Rubella Elimination Regional Monitoring and Re-Verification Commission a new body of independent experts appointed in 2019.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 21, 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	55	0	0	...	0	0	0	2020-16	0	0	0	0	51	0	0	0	...
	COL	359	0	0	...	0	0	0	2020-09	0	0	0	0	219	260	0	0	2005-34
	ECU	0	0	0	...	0	0	0	2018-33	0	0	0	0	0	0	0	0	2011-14
	PER	51	0	0	...	0	0	0	2019-18	0	0	0	0	42	0	0	0	2007-16
	VEN	103	0	0	...	0	0	0	2019-33	0	0	0	2	7	0	0	0	...
BRA	BRA	966	1	28	...	29	0	0	2022-18	0	0	0	0	565	19	0	...	2009-34
	CAP	6	0	0	...	0	0	0	2019-13	0	0	0	0	6	5	...	...	...
	GTM	36	0	0	...	0	0	0	2018-03	0	0	0	0	35	0	...	...	2005-00
	HND	41	0	0	...	0	0	0	1998-16	0	0	0	0	37	5	0	0	2001-00
	NIC	49	0	0	...	0	0	0	1994-14	0	0	0	0	47	12	0	0	2005-00
	PAN	6	0	0	...	0	0	0	2011-20	0	0	0	0	3	0	0	0	...
	SLV	252	0	0	...	0	0	0	2001-19	0	0	0	0	252	104	0	0	2001-00
	CAR	9	0	0	...	0	0	0	2019-48	0	0	0	0	9	0	0	0	1999-00
LAC	CUB	...	...	...	...	...	...	...	2019-24	...	...	...	...	...	...	...	...	1989-10
	DOM	20	0	0	...	0	0	0	2011-18	0	0	0	2	12	0	0	0	...
	HTI	52	0	0	...	0	0	0	2001-39	0	0	0	0	37	25	0	0	...
MEX	MEX	862	0	0	...	0	0	0	2020-23	0	0	0	0	752	0	0	0	...
	NOA	...	...	2	...	2	0	0	2022-17	0	0	0	...	...	...	...	...	2018-39
SOC	USA	...	...	3	...	3	0	0	2022-22	0	0	0	...	...	...	...	...	2017-00
	ARG	96	0	1	...	1	0	0	2022-12	0	0	0	0	95	0	0	0	2009-27
	CHL	38	0	0	...	0	0	0	2020-03	0	0	0	0	37	25	0	0	...
	PRY	209	0	0	...	0	0	0	1998-44	0	0	0	0	201	2	0	0	2003-06
URY	...	...	...	...	...	...	...	2020-07	...	...	...	...	...	...	...	...	...
TOTAL	3210	1	34	...	35	--	0	0	0	--	4	2407	457	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 21, 2022

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA			29				
	CRI							
	GTM							
	HND							
	NIC							
CAP	PAN							
	SLV							
	CAR							
	CUB							
	DOM							
CAR	HTI							
	MEX							
	NOA	2						
NOA	CAN	3						
	USA							
SOC	ARG	1						
	CHL							
	PRY							
	URY							
TOTAL		6	0	29	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 21, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset						% Pend. cases
			1-16	17	18	19	20	21	
BOL	0	4	1	1	1	1	0	0	7
COL	133	140	70	19	26	25	0	0	39
ECU	53	0	0	...	...	...	...	...	0
PER	0	9	4	2	1	0	1	1	18
VEN	5	0	0	...	...	...	...	...	0
BRA	22	372	184	73	66	49	0	0	39
CRI	3	0	0	0	0	0	...	...	0
GTM	0	1	1	0	0	0	0	0	3
HND	1	4	4	0	0	0	0	0	10
NIC	0	2	2	0	0	0	0	0	4
PAN	0	3	0	0	3	0	0	0	50
SLV	0	0	0	0	0	0	0	0	0
CAR	1	0	0	0	0	0	0	0	0
CUB	0	...	...	...	...	...	...	...	...
DOM	0	6	3	0	2	1	0	0	30
HTI	20	15	9	1	2	1	2	0	29
MEX	58	110	24	4	10	21	26	25	13
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0
CHL	0	1	0	0	0	1	0	0	3
PRY	0	8	5	1	0	0	1	1	4
URY	0	...	...	...	...	...	...	...	...
TOTAL	296	675	307	101	111	99	30	27	21

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 21, 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 (2021/22-2022/21)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	4156	...	93	93	87	89	1.1	0.0
	COL	5173	98	8	10	43	31	1.9	3.2
	ECU	2184	...	0	0	0	0	0.9	0.0
	PER	7781	...	90	75	32	27	0.3	0.0
	VEN	13092	...	92	94	28	73	0.6	0.0
CAP	BRA	...	...	...	...	94	90	1.0	0.2
	CRI	82	...	100	100	100	100	0.2	12.0
	GTM	1541	...	100	89	86	92	0.4	0.0
	HND	469	93	88	100	95	95	0.7	1.1
	NIC	185	...	100	96	90	94	1.9	4.9
CAR	PAN	324	...	33	100	67	100	0.6	0.0
	SLV	1303	92	89	98	98	96	7.4	24.3
	CAR	758	69	100	100	0	100	0.2	0.0
	LAC	CUB	168	...	...	...	...	4.1	0.0
	DOM	247	...	15	80	76	94	0.4	0.0
MEX	HTI	659	97	90	94	23	52	1.0	2.1
	MEX	20263	96	94	99	93	93	1.4	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	70	58	51	0.3	0.0
	CHL	799	80	58	87	97	97	0.4	5.8
	PRY	1397	99	79	98	83	97	7.6	0.5
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		61520	48	76	82	82	82	1.2	0.9

*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.