



Launching of the Regional Framework: an historical step to sustain and re-verify measles and rubella elimination in the Americas!

The Regional Framework for the Monitoring and Re-verification of Measles, Rubella, and Congenital Rubella Syndrome Elimination in the Americas is now available at the [Pan American Health Organization \(PAHO\) website](https://www.paho.org/en/topics/immunization/measles-rubella-congenital-rubella-syndrome-elimination).

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 Weeks 01-42, 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	59	0	0	...	0	2020-16	0	0	0	2006-03	4	55	30	0	0	...
	COL	795	0	0	...	0	2020-09	0	0	0	2012-31	0	565	157	0	0	2005-34
	ECU	149	0	0	...	0	2018-33	...	...	...	2004-49	4	107	0	0	0	2011-14
	PER	48	0	0	...	0	2019-18	0	0	0	2009-04	0	47	0	0	0	2007-16
	VEN	936	0	0	...	0	2019-33	0	0	0	2007-51	33	624	0	0	0	...
BRA	BRA	2161	136	482	...	618	2021-40	0	0	0	2014-40	0	1350	40	0	0	2009-34
CAP	CRI	15	0	0	...	0	2019-13	0	0	0	2001-39	0	13	62	0	0	...
	GTM	72	0	0	...	0	2018-03	0	0	0	2006-31	1	71	1	0	0	2005-00
	HND	37	0	0	...	0	1998-16	0	0	0	2004-11	0	37	15	0	0	2001-00
	NIC	128	0	0	...	0	1994-14	0	0	0	2004-19	0	125	43	0	0	2005-00
	PAN	17	0	0	...	0	2011-20	0	0	0	2002-48	0	17	0	0	0	...
	SLV	275	0	0	...	0	2001-19	0	0	0	2006-30	0	275	0	0	0	2001-00
CAR	CAR	5	0	0	...	0	2019-48	0	0	0	2008-18	0	4	0	0	0	1999-00
LAC	CUB	85	0	0	...	0	2019-24	0	0	0	2004-06	0	85	0	0	0	1989-10
	DOM	29	0	0	...	0	2011-18	0	0	0	2007-45	1	24	0	0	0	...
	HTI	112	0	0	...	0	2001-39	0	0	0	2006-21	0	84	24	0	0	...
MEX	MEX	1090	0	0	...	0	2020-23	0	0	0	2018-14	0	1019	0	0	0	...
NOA	CAN	...	...	...	...	0	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	44	...	45	2021-42	0	0	0	2019-03	...	...	...	...	...	2017-00
SOC	ARG	43	0	0	...	0	2020-12	0	0	0	2019-47	0	43	0	0	0	2009-27
	CHL	36	0	0	...	0	2020-03	0	0	0	2019-14	0	34	83	0	0	...
	PRY	460	0	0	...	0	1998-44	0	0	0	2005-21	1	453	5	0	0	2003-06
	URY	0	0	0	...	0	2020-07	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		6552	136	526	1	663	--	0	0	0	--	44	5032	460	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 01-42, 2021

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA CAP	BRA				618			
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	DOM							
MEX	HTI							
	MEX							
NOA	CAN	44	1					
	USA							
SOC	ARG							
	CHL							
	PRY							
	URY							
TOTAL		44	1	0	618	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 01-42, 2021

Country	Pending Cases 2020	Cumulative 2021	Week of Onset						% Pend. cases
			1-37	38	39	40	41	42	
BOL	0	0	0	0	0	0	0	0	0
COL	8	230	201	16	13	0	0	0	29
ECU	8	38	38	0	0	0	...	...	26
PER	0	1	0	0	0	0	0	1	2
VEN	3	35	35	0	...	...	...	...	4
BRA	511	193	93	23	48	23	6	0	9
CRI	0	2	2	0	0	0	0	0	13
GTM	0	0	0	0	0	0	0	0	0
HND	0	0	0	0	0	0	0	0	0
NIC	0	3	3	0	0	0	0	0	2
PAN	0	0	0	...	...	...	...	...	0
SLV	0	0	0	0	0	0	...	...	0
CAR	0	1	1	0	0	0	0	0	20
LAC	0	0	0	...	...	...	...	...	0
DOM	1	4	1	0	0	2	0	1	14
HTI	18	28	28	0	0	0	0	0	25
MEX	152	71	17	3	9	6	20	16	7
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	0	0	0	0	0	0	0	0
CHL	0	2	1	0	1	0	0	0	6
PRY	0	6	1	0	1	1	2	1	1
URY	1	0	0	...	...	...	...	...	0
TOTAL	704	614	421	42	72	32	28	19	9

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-42, 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 (2020/44-2021/42)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	2657	...	98	100	95	93	1.1	1.3	
	COL	5280	98	33	0	0	0	1.8	6.5	
	ECU	2184	...	87	72	55	75	1.0	0.0	
	PER	7781	...	81	79	65	45	0.2	0.0	
	VEN	13092	...	100	85	48	15	0.8	0.0	
BRA CAP	BRA	...	72	62	69	96	92	1.1	0.1	
	CRI	82	...	100	100	100	33	0.3	28.2	
	GTM	1541	92	100	97	76	96	0.5	0.0	
	HND	469	90	95	100	95	86	0.6	1.2	
	NIC	185	...	100	97	95	94	2.3	5.1	
	PAN	324	...	71	94	71	94	0.4	0.0	
	SLV	1295	...	87	100	99	97	4.8	0.0	
	CAR	CAR	758	77	0	60	0	75	0.1	1.0
	LAC	CUB	168	...	100	100	100	100	2.3	0.0
	DOM	247	...	21	86	72	56	0.3	0.0	
HTI	659	85	88	95	47	68	1.2	2.9		
MEX	MEX	20150	...	91	100	96	95	1.0	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	88	72	23	0.1	0.0	
	CHL	788	53	53	78	84	88	0.2	3.5	
	PRY	1362	99	76	96	79	95	7.1	0.3	
	URY	155	...	0	0	0	0	0.0	0.0	
Total and Average*		59961	17	74	84	84	79	1.1	1.0	

*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.