

Vol. 28, No. 10

## **Weekly Bulletin**

## **Measles-Rubella-Congenital Rubella Syndrome**



Family, Health Promotion and Life Course/Comprehensive Family Immunization

Measles, Rubella, and Congenital Rubella Syndrome Surveillance in the Americas

Weeks ending 12 March 2022

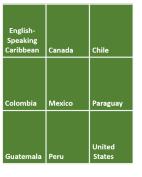
## Status of Re-Verifying Measles and Rubella Elimination and Sustainability in the Region of the Americas



Costa Rica, Cuba, Haiti, Panama, Uruguay and the French Territories did not submit their annual report.



## SUSTAINED ELIMINATION WITH MINOR CONCERNS



The Pan American Health Organization (PAHO) Regional Monitoring and Re-Verification Commission concluded that Member States have sustained rubella and CRS elimination, while Brazil and Venezuela are pending re-verification for measles elimination. The remaining countries were stratified by the Commission in two subcategories. The implementation of a high-quality followup vaccination campaigns was a factor to group countries in "sustained with major concerns," given the impact of the pandemic on routine immunization  $services \, and \, the \, presence \, of \, large$ pockets of susceptible individuals.

Source: Annual meeting of the Measles and Rubella Elimination Regional Monitoring and Re-verification Commission (virtual session) 30 November, 1-2 December of 2021

Table.1

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 10, 2022

Subregion and Country		Susp. Cases 2022	Measles Confirmed 2022				Year/Week Last Conf. Measles case	Rubella Confirmed 2022			Year/Week Last Conf. Rubella	Diagnosis of Discarded Cases 2022		Congenital Rubella Syndrome		Year/Week Last Conf. CRS Case	
	2022		Clin.	Lab.	EPI link	Total	weasies case	Clin.	Lab.	Total	Case	Dengue	Others	Susp.	Conf.	CRI*	CR5 Case
AND	BOL	7	0	0		0	2020-16	0	0	0	2006-03	0	7	0	0	0	
	COL	124	0	0		0	2020-09	0	0	0	2012-31	0	57	6	0	0	2005-34
	ECU	0	0	0		0	2018-33	0	0	0	2004-49	0	0	0	0	0	2011-14
	PER	10	0	0		0	2019-18	0	0	0	2009-04	0	8	0	0	0	2007-16
	VEN	104	0	0		0	2019-33	0	0	0	2007-51	2	7	0	0	0	
BRA	BRA	155	0	9		9	2022-06	0	0	0	2014-40	0	68	4			2009-34
CAP	CRI	0	0	0		0	2019-13	0	0	0	2001-39	0	0	5			
	GTM	8	0	0		0	2018-03	0	0	0	2006-31	0	8	0			2005-00
	HND	16	0	0		0	1998-16	0	0	0	2004-11	0	14	1	0	0	2001-00
	NIC	27	0	0		0	1994-14	0	0	0	2004-19	0	24	5	0	0	2005-00
	PAN						2011-20				2002-48						
	SLV	40	0	0		0	2001-19	0	0	0	2006-30	0	40	14	0	0	2001-00
CAR	CAR	0	0	0		0	2019-48	0	0	0	2008-18	0	0	0	0	0	1999-00
LAC	CUB						2019-24				2004-06						1989-10
	DOM	5	0	0		0	2011-18	0	0	0	2007-45	1	4	0	0	0	
	HTI	21	0	0		0	2001-39	0	0	0	2006-21	0	11	11	0	0	
MEX	MEX	149	0	0		0	2020-23	0	0	0	2018-14	0	118	0	0	0	
NOA	CAN					0	2020-06	0	0	0	2019-50						2018-39
	USA					0	2021-48	0	0	0	2019-03						2017-00
SOC	ARG	5	0	0		0	2020-12	0	0	0	2019-47	0	5	0	0	0	2009-27
	CHL	2	0	0		0	2020-03	0	0	0	2019-14	0	2	6	0	0	
	PRY	99	0	0		0	1998-44	0	0	0	2005-21	0	94	0	0	0	2003-06
	URY						2020-07				2001-37						
TO	TAL	772	0	9		9		0	0	0	-	3	467	52	0	0	

\*Congenital Rubella Infection.

...No updated report received



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Table No.2
Infection Source of Measles and Rubella Confirmed Cases
for the Period of Weeks 10, 2022

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 10, 2022

for the Period of Weeks 10, 2022										
Subre	gion and		Me	asles	Rubella					
	ountry	1	IR	En.	U	1	IR	U		
BRA CAP	BOL COL ECU PER VEN BRA CRI GTM HND NIC PAN SLV			9						
CAR LAC	CAR CUB DOM HTI									
MEX NOA	MEX CAN USA									
SOC	ARG CHL PRY URY									
T	OTAL	0	0	9	0	0	0	0		

BOL         0	for the Period of Weeks 10, 2022										
BOL         0				Week of Onset							
COL         133         67         26         5         5         13         15         3         54           ECU         47         0         0         0         0         0           0            PER         0         3         1         0         0         2         0          30           VEN         5         0         0         0         0         0         0          0           BRA         28         78         51         12         10         5         0          0           GTM         0         0         0         0         0           0           GTM         0         0         0         0         0           0           GTM         0         0         0         0         0         0         0         0         0           HND         1         2         2         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Country			1-5	6	7	8	9	10		
ECU         47         0         0         0         0         0           0           PER         0         3         1         0         0         2         0          30           VEN         5         0         0         0         0         0         0          0           BRA         28         78         51         12         10         5         0          50           CRI         3         0         0         0         0         0           0           GTM         0	BOL	0	0	0		0	0	0	0	0	
PER         0         3         1         0         0         2         0          30           VEN         5         0         0         0         0         0         0          0           BRA         28         78         51         12         10         5         0          50           CRI         3         0         0         0         0         0           0           GTM         0	COL	133	67	26	5		13	15	3	54	
VEN         5         0         0         0         0         0         0          0           BRA         28         78         51         12         10         5         0          50           CRI         3         0         0         0         0         0           0           GTM         0         0         0         0         0         0         0         0         0           HND         1         2         2         0 <td>ECU</td> <td>47</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td>0</td>	ECU	47		0	0	0				0	
BRA         28         78         51         12         10         5         0          50           CRI         3         0         0         0         0         0          0           GTM         0         0         0         0         0         0         0         0           HND         1         2         2         0         0         0         0         0           HND         1         2         2         0         0         0         0         0           NIC         2         3         0         0         2         0         1         0         11           PAN         1	PER			1	0	0	2	0		30	
CRI         3         0         0         0         0         0           0           GTM         0         0         0         0         0         0         0         0         0           HND         1         2         2         0         0         0         0         0         0           NIC         2         3         0         0         2         0         1         0         11           PAN         1	VEN	5	0	0	0	0	0	0		0	
GTM         0         13         NIC         NIC	BRA	28	78	51	12	10	5	0		50	
HND         1         2         2         0         0         0         0         0         13           NIC         2         3         0         0         2         0         1         0         11           PAN         1 </td <td>CRI</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>0</td>	CRI	3	0	0	0	0	0			0	
NIC         2         3         0         0         2         0         1         0         11           PAN         1 <td>GTM</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	GTM	0	0	0	0	0	0	0	0	0	
PAN         1	HND		2	2	0		0	0	0	13	
SLV         0         0         0         0         0           0           CAR         1         0         0         0         0         0         0         0         0           CUB         0  .	NIC	2	3	0	0	2	0	1	0	11	
CAR		1									
CUB         0	SLV	0		0	0					0	
DOM         0         48         MEX         58         31         13         4         5         9         0         0         21           CAN		1	0	0	0	0	0	0	0	0	
HTI         20         10         5         1         2         2         0         0         48           MEX         58         31         13         4         5         9         0         0         21           CAN <t< td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		0									
CAN  .		-	-					_		-	
CAN  .				-		2	2	-			
USA <td>MEX</td> <td>58</td> <td>31</td> <td>13</td> <td>4</td> <td>5</td> <td>9</td> <td>0</td> <td>0</td> <td>21</td>	MEX	58	31	13	4	5	9	0	0	21	
ARG     0     0     0     0     0     0     0     0       CHL     0     0     0     0     0     0     0     0       PRY     1     5     3     0     0     0     1     1     5       URY     0											
CHL         0         0         0         0         0         0         0         0           PRY         1         5         3         0         0         0         1         1         5           URY         0											
URY 0		-	-	-	_	-	-	_	-	0	
URY 0		-	-	-	-	-	-	-		0	
			5	3	0	0	0	1	1	5	
TOTAL   300   199   101   22   24   31   17   4   26											
	TOTAL	300	199	101	22	24	31	17	4	26	

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

... No updated report

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 10, 2022

				s or miegrated Me	asies/Rubeila 5	urveillance for Peri	ou or weeks 1	•		
Subregion and Country		Sites Reporting Weekly		% Cases with	% Cases	% Blood Samples	% Lab.	Rate of Suspected Cases Last 52 weeks (2021/11-2022/10)		
		Total Units	% This Week	Adequate Adequate Sample		Received in Lab. ≤5 days	Results <u>&lt;</u> 4 days	Measles/Rubella (100,000 pop.) <sup>a</sup>	CRS (10,000 lb) <sup>a</sup>	
AND	BOL	2657		57	86	86	71	0.9	1.3	
	COL	5296		6	0	0	0	1.8	3.2	
	ECU	2184		0	0	0	0	0.9	0.0	
	PER	7781		70	80	63	25	0.2	0.0	
	VEN	13092		92	94	28	73	1.0	0.0	
	BRA	0				89	94	1.0	0.2	
CAP	CRI	82		0	0	0	0	0.2	12.0	
	GTM	1541		100	88	63	75	0.4	0.0	
	HND	469	92	81	100	94	88	0.6	0.9	
	NIC	185		100	93	89	93	2.0	4.3	
	PAN	324						0.5	0.0	
	SLV	1305		85	100	93	88	5.7	24.3	
CAR	CAR	758	70	0	0	0	0	0.1	0.0	
LAC	CUB	168						1.9	0.0	
	DOM	247		20	100	80	100	0.3	0.0	
	HTI	659	96	90	95	20	40	1.2	1.5	
MEX	MEX	20093		92	100	86	89	1.1	0.0	
NOA	CAN					•••		•••		
	USA									
SOC	ARG	784		0	60	60	0	0.1	0.0	
	CHL	801	72	50	50	100	100	0.2	4.8	
	PRY	1383	99	79	100	81	97	7.7	0.3	
	URY	155		•••		•••	•••	0.0	0.0	
Total and	Total and Average*		6	71	97	74	86	1.0	0.9	

\*Weighted

... No updated report received

<sup>(</sup>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.