



### Distribution of confirmed measles and rubella cases Region of the Americas, 2018-2023\*

Confirmed Rubella Cases						
Country	2018	2019	2020	2021	2022	2023
Argentina		3				
Canada		1				1
Chile		1				
Dominican Republic		1				
Mexico	2					
USA	3	6	5	6	7	6
Venezuela	4					
<b>TOTAL</b>	<b>9</b>	<b>12</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>7</b>

Confirmed Measles Cases						
Country	2018	2019	2020	2021	2022	2023 <sup>A</sup>
Antigua and Barbuda	1	0	0	0	0	0
Argentina	17	130	69	0	2	0
Bahamas	0	3	0	0	0	0
Bolivia	0	0	2	0	0	0
Brazil	9,329	20,901	8,035	670	41	0
Canada	29	113	1	0	3	12
Chile	23	11	2	0	0	1
Colombia	203	252	1	0	0	0
Costa Rica	0	10	0	0	0	1
Cuba	0	1	0	0	0	0
Curaçao	0	1	0	0	0	0
Ecuador	19	0	0	0	0	0
French Guiana	0	0	0	5	0	0
Guatemala	1	0	0	0	0	0
Mexico	5	20	196	0	0	0
Paraguay	0	0	0	0	1	0
Peru	42	2	0	0	0	0
St. Lucia	0	1	0	0	0	0
Uruguay	0	9	2	0	0	0
USA	375	1,282	13	49	121	58
Venezuela	5,779	548	0	0	0	0
<b>TOTAL</b>	<b>15,823</b>	<b>23,284</b>	<b>8,321</b>	<b>724</b>	<b>168</b>	<b>72</b>

Source: Integrated Information System (ISIS) and country reports to CIM/PAHO.

(A) Epidemiological Alert: Measles in the Region of the Americas, 29 January 2024, PAHO.

\*Data up to 31 January 2024.

**Table 1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-4, 2024**

Subregion and Country	Susp. Cases 2024	Measles Confirmed 2024				Year/Week Last Conf. Measles case	Rubella Confirmed 2024			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2024		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*			
AND	BOL	16	0	0	...	0	2020-16	0	0	0	2006-03	0	0	0	0	0	0	...
	COL	44	0	0	...	0	2020-09	0	0	0	2012-31	0	20	29	0	0	0	2005-34
	ECU	4	0	0	...	0	2022-46	0	0	0	2004-49	0	4	0	0	0	0	2011-14
	PER	30	0	1	...	1	2024-02	0	0	0	2009-04	0	14	0	0	0	0	2007-16
	VEN	0	0	0	...	0	2019-33	0	0	0	2007-51	0	0	0	0	0	0	...
BRA	BRA	21	0	1	...	1**	2024-01	0	0	0	2014-40	0	6	0	0	0	0	2009-34
CAP	CRI	...	...	...	...	...	2019-13	...	...	...	2001-39	...	...	...	...	...	...	...
	GTM	6	0	0	...	0	2018-03	0	0	0	2006-31	0	6	0	0	0	0	2005-00
	HND	...	...	...	...	...	1998-16	...	...	...	2004-11	...	...	...	...	...	...	2001-00
	NIC	...	...	...	...	...	1994-14	...	...	...	2004-19	...	...	...	...	...	...	2005-00
	PAN	6	0	0	...	0	2011-20	0	0	0	2002-48	0	5	0	0	0	0	...
	SLV	46	0	0	...	0	2001-19	0	0	0	2006-30	0	46	228	0	0	0	2001-00
CAR	CAR	1	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	2	0	0	...	0	2011-18	0	0	0	2007-45	0	2	0	0	0	0	...
	HTI	1	0	0	...	0	2001-39	0	0	0	2006-21	0	0	0	0	0	0	...
MEX	MEX	104	0	0	...	0	2020-23	0	0	0	2018-14	0	74	0	0	0	0	...
NOA	CAN	...	...	...	...	...	2023-50	...	...	...	2023-36	...	...	...	...	...	...	2023-32
	USA	...	...	9	...	9**	2024-05	...	...	...	2021-38	...	...	...	...	...	...	2017-00
SOC	ARG	1	0	1	...	1	2024-01	0	0	0	2019-47	0	0	81	0	0	0	2009-27
	CHL	8	0	0	...	0	2023-32	0	0	0	2019-14	0	8	0	0	0	0	...
	PRY	91	0	0	...	0	1998-44	0	0	0	2005-21	0	34	1	0	0	0	2003-06
	URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...	...
<b>TOTAL</b>		<b>381</b>	<b>0</b>	<b>12</b>		<b>12</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>219</b>	<b>339</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>

\*Congenital Rubella Infection.

\*\*Epidemiological Alert: Measles in the Region of the Americas, 29 January 2024, PAHO.

...No updated report received



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

Vol. 30, No. 03-04

**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases  
for the Period of Weeks 1-4, 2024

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER	1						
	VEN							
BRA	BRA	1						
CAP	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
CAR	CAR							
LAC	CUB							
	DOM							
	HTI							
MEX	MEX							
NOA	CAN							
	USA			9				
SOC	ARG	1						
	CHL							
	PRY							
	URY							
<b>TOTAL</b>		<b>3</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation  
for the Period of Weeks 1-4, 2024

Country	Pending Cases 2023	Cumulative 2024	Week of Onset							% Pend. cases
			1	2	3	4				
BOL	49	16	3	3	10	0			100	
COL	0	24	3	11	10	0			55	
ECU	24	0	0	0	0	0			0	
PER	14	15	1	2	3	9			50	
VEN	0	0	0	0	0	...			0	
BRA	130	11	6	5	0	0			52	
CRI	0	...	...	...	...	...			...	
GTM	11	0	0	0	0	...			0	
HND	2	...	...	...	...	...			...	
NIC	3	...	...	...	...	...			...	
PAN	0	3	3	0	0	...			50	
SLV	0	0	0	0	0	0			0	
CAR	0	1	0	1	0	0			100	
CUB	0	...	...	...	...	...			...	
DOM	1	0	0	0	0	0			0	
HTI	63	1	1	0	0	0			100	
MEX	160	30	4	7	13	6			29	
CAN	...	...	...	...	...	...			...	
USA	...	...	...	...	...	...			...	
ARG	0	0	0	0	0	0			0	
CHL	0	0	0	0	0	0			0	
PRY	41	57	21	11	21	4			63	
URY	1	...	...	...	...	...			...	
<b>TOTAL</b>	<b>499</b>	<b>158</b>	<b>42</b>	<b>40</b>	<b>57</b>	<b>19</b>			<b>41</b>	

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-4, 2024

Subregion and Country		Sites Reporting Weekly		% Suspected cases with adequate investigation	% Suspected cases with adequate sample	% Serum samples received in lab. ≤5 days	% Serum samples with lab. results reported ≤4 days	Rate of Suspected Cases Last 52 weeks (2023/05-2024/04)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) <sup>a</sup>	CRS (10,000 lb) <sup>a</sup>
AND	BOL	4161	...	100	100	25	25	1.7	0.0
	COL	4935	99	89	84	89	97	0.1	14.4
	ECU	2184	...	100	100	50	100	3.0	0.0
	PER	7781	...	87	83	32	28	0.6	0.0
	VEN	13092	...	0	0	0	0	5.7	0.0
CAP	BRA	...	...	...	...	96	82	0.9	0.2
	CRI	82	...	...	...	...	...	1.6	2.4
	GTM	1541	...	100	100	83	100	1.2	0.0
	HND	469	...	...	...	...	...	1.3	0.9
	NIC	185	...	...	...	...	...	2.1	4.0
	PAN	325	...	83	100	100	100	1.9	0.1
	SLV	1327	86	93	93	100	100	9.2	40.1
CAR	CAR	758	...	0	0	0	0	1.0	0.0
LAC	CUB	168	...	...	...	...	...	14.7	0.0
	DOM	247	...	100	100	100	50	2.6	0.0
	HTI	712	...	100	100	0	0	1.9	1.9
MEX	MEX	20270	96	89	100	86	86	1.6	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	100	0	100	0.5	2.2
	CHL	811	...	38	88	75	88	1.1	0.0
	PRY	1453	98	55	81	70	86	17.2	0.3
	URY	155	...	...	...	...	...	0.2	0.0
<b>Total and Average*</b>		<b>61440</b>	<b>44</b>	<b>80</b>	<b>91</b>	<b>78</b>	<b>82</b>	<b>1.8</b>	<b>2.4</b>

\*Weighted

... No updated report received.

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2022). World Population Prospects 2022, Online Edition.