

# Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization/Family, Health Promotion and Life Course  
**Measles and Rubella Surveillance in the Americas**

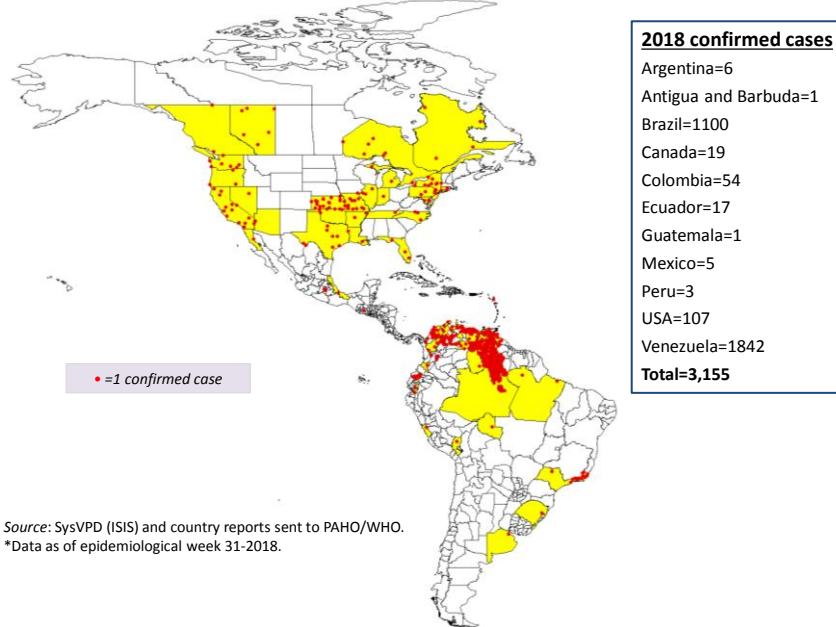
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Week ending 4 August 2018



## Measles outbreaks in the Americas, 2018\*

In the last epidemiological weeks, there has been an increase in confirmed measles cases, given the active virus circulation in many countries like Venezuela and Brazil. It is important to strengthen surveillance and elevate vaccination coverage for all borders and high-risk areas.



Source: SysVPD (ISIS) and country reports sent to PAHO/WHO.  
 \*Data as of epidemiological week 31-2018.

**Table.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-31, 2018**

Subregion and Country	Susp. Cases 2018	Measles Confirmed 2018			Year/Week Last Conf. Measles case	Rubella Confirmed 2018			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2018		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	109	0	0	0	2000-40	0	0	0	2006-03	0	101	0	0	0	...
	COL	3294	0	54	54	2018-30	0	0	0	2012-31	0	3133	233	0	0	2005-34
	ECU	238	0	17	17 <sup>a</sup>	2018-28	0	0	0	2004-49	0	154	0	0	0	2011-14
	PER	367	0	3	3	2018-28	0	0	0	2009-04	0	326	1	0	0	2007-16
	VEN	...	0	1842	1842 <sup>a</sup>	2018-28	...	...	...	2007-51	...	...	...	...	...	...
BRA	BRA	8362	50	1050	1100	2018-31	0	0	0	2014-40	0	1331	25	0	0	2009-34
CAP	CRI	26	0	0	0	2014-09	0	0	0	2001-39	0	24	19	0	0	...
	GTM	431	0	1	1	2018-03	0	0	0	2006-31	24	396	5	0	0	2005-00
	HND	156	0	0	0	1998-16	0	0	0	2004-11	0	155	13	0	0	2001-00
	NIC	154	0	0	0	1994-14	0	0	0	2004-19	0	145	28	0	0	2005-00
	PAN	46	0	0	0	2011-20	0	0	0	2002-48	0	41	3	0	0	...
	SLV	286	0	0	0	2001-19	0	0	0	2006-30	0	268	0	0	0	2001-00
CAR	CAR	241	0	1	1	2018-03	0	0	0	2008-18	0	236	62	0	0	1999-00
LAC	CUB	654	0	0	0	1993-27	0	0	0	2004-06	0	654	0	0	0	1989-10
	DOM	55	0	0	0	2011-18	0	0	0	2007-45	8	17	0	0	0	...
	HTI	116	0	0	0	2001-39	0	0	0	2006-21	0	29	6	0	0	...
MEX	MEX	2798	0	5	5	2018-16	0	2	2	2018-07	0	2577	0	0	0	...
NOA	CAN	...	...	19	19	2018-28	...	...	...	2016-06	...	...	...	...	...	2015-50
	USA	...	...	107	107 <sup>b</sup>	2018-28	...	...	...	2017-16	...	...	...	...	...	2017-00
SOC	ARG	305	0	6	6	2018-28	0	0	0	2014-22	1	133	19	0	0	2009-27
	CHL	163	0	0	0	2015-27	0	0	0	2011-25	0	144	104	0	0	...
	PRY	461	0	0	0	1998-44	0	0	0	2005-21	71	385	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
<b>TOTAL</b>		<b>18262</b>	<b>50</b>	<b>3105</b>	<b>3155</b>	<b>--</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>--</b>	<b>104</b>	<b>10249</b>	<b>518</b>	<b>0</b>	<b>0</b>	<b>--</b>

\*Congenital Rubella Infection.

...No updated report received

(a) Pan American Health Organization / World Health Organization. Epidemiological Update: Measles. 17 July 2018, Washington, D.C.: PAHO/WHO; 2018.; (b) Provisional data.



# Measles/Rubella Surveillance

**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-31, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL				3				
	COL	51							
	ECU <sup>a</sup>	9	8						
	PER	1			2				
	VEN <sup>a</sup>				1842				
BRA	BRA	59	46		995				
	CAP								
CAP	CRI								
	GTM	1							
	HND								
	NIC								
	PAN								
CAR	SLV								
	LAC	1							
	CUB								
MEX	DOM								
	HTI								
	MEX	2	3						
NOA	CAN	14	2		3				
	USA	44	62		1				
SOC	ARG	2	1		3				
	CHL								
	PRY								
	URY								
<b>TOTAL</b>		<b>184</b>	<b>122</b>	<b>0</b>	<b>2853</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-31, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases
			1-26	27	28	29	30	31		
BOL	1	8	8	0	0	...	...	...	7	
COL	14	107	97	4	2	0	4	0	3	
ECU	0	77	77	...	...	...	...	...	32	
PER	4	38	23	2	2	4	5	2	10	
VEN	...	...	...	...	...	...	...	...	...	
BRA	27	5258	1513	400	352	1387	875	731	63	
CRI	0	2	2	0	0	0	0	0	8	
GTM	11	10	10	0	0	0	0	0	2	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	9	2	0	2	1	2	2	6	
PAN	0	5	2	1	0	1	1	0	11	
SLV	0	18	16	1	0	1	0	...	6	
CAR	1	4	3	0	0	1	0	0	2	
CUB	0	0	0	0	0	...	...	...	0	
DOM	243	30	30	...	...	...	...	...	55	
HTI	27	87	87	0	0	0	0	0	75	
MEX	0	214	148	11	10	17	13	15	8	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	2	165	165	0	0	0	...	...	54	
CHL	1	19	7	2	4	2	2	2	12	
PRY	0	5	5	0	0	0	0	0	1	
URY	0	0	0	...	...	...	...	...	...	
<b>TOTAL</b>	<b>331</b>	<b>6057</b>	<b>2196</b>	<b>421</b>	<b>372</b>	<b>1414</b>	<b>902</b>	<b>752</b>	<b>33</b>	

I: Imported; IR: Import-related; CAC: Country-acquired case

U: Unknown. (a) Pan American Health Organization / World Health Organization.

Epidemiological Update: Measles. 17 July 2018, Washington, D.C.: PAHO/WHO; 2018

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-31, 2018

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 (2017/32-2018/31)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	99	75	84	1.1	0.0
	COL	5143	97	81	98	89	95	7.8	3.4
	ECU	2184	...	99	98	63	68	2.5	0.0
	PER	7781	...	91	92	81	53	1.4	0.0
	VEN	13092	...	...	...	...	...	...	...
CAP	BRA	16426	81	...	56	56	50	3.9	0.1
	CRI	57	...	62	96	88	100	0.9	28.8
	GTM	1541	96	46	99	69	88	2.9	0.1
	HND	470	...	78	97	85	98	2.6	3.0
	NIC	185	100	96	99	95	95	4.8	5.2
	PAN	324	...	83	89	61	87	1.5	0.5
	SLV	1266	...	63	98	97	92	6.8	0.0
CAR	CAR	766	88	88	98	16	77	3.8	12.0
	LAC	168	...	100	100	100	100	9.4	0.0
	DOM	247	...	20	100	22	16	2.7	0.0
MEX	HTI	652	84	93	97	44	13	1.6	1.1
	MEX	20510	96	97	99	93	85	3.2	0.0
	NOA	...	...	...	...	...	...	...	...
SOC	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	ARG	784	...	11	73	71	70	1.0	1.9
URY	CHL	783	84	30	74	85	91	1.3	9.5
	PRY	1175	97	84	99	88	95	10.1	0.3
	URY	155	...	0	0	0	0	0.0	0.0
<b>Total and Average*</b>		<b>76366</b>	<b>56</b>	<b>83</b>	<b>78</b>	<b>72</b>	<b>70</b>	<b>3.8</b>	<b>0.8</b>

\*Weighted

... No updated report received