

# Measles/Rubella Weekly Bulletin



## How many suspected measles and rubella (MR) cases are adequately investigated? Epidemiological weeks 1 to 43 of 2018

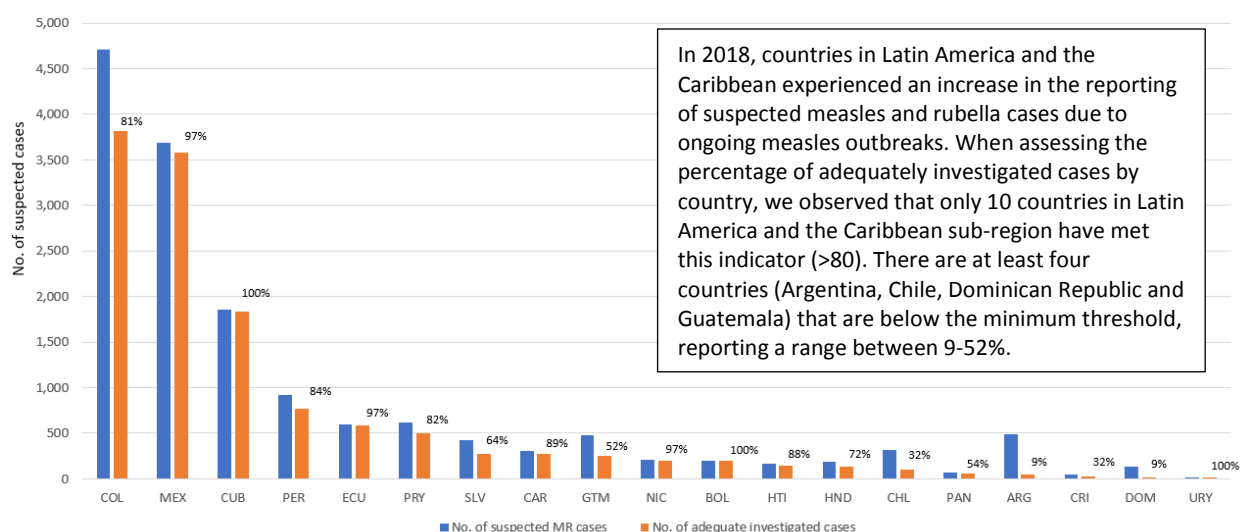


Table.1  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-43, 2018

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	197	0	0	0	2000-40	0	0	0	2006-03	0	192	0	0	0	...
	COL	4706	0	136	136	2018-42	0	0	0	2012-31	0	4430	305	0	0	2005-34
	ECU	600	0	19	19	2018-33	0	0	0	2004-49	0	497	0	0	0	2011-14
	PER	918	0	38	38	2018-41	0	0	0	2009-04	1	778	1	0	0	2007-16
	VEN	...	...	5525	5525 <sup>a</sup>	2018-42	...	...	...	2007-51	1	296	0	...	...	...
BRA	BRA	10022	0	2564	2564 <sup>b</sup>	2018-41	0	0	0	2014-40	0	2051	41	0	0	2009-34
CAP	CRI	50	0	0	0	2014-09	0	0	0	2001-39	0	41	19	0	0	...
	GTM	478	0	1	1	2018-03	0	0	0	2006-31	26	437	5	0	0	2005-00
	HND	188	0	0	0	1998-16	0	0	0	2004-11	0	187	20	0	0	2001-00
	NIC	204	0	0	0	1994-14	0	0	0	2004-19	0	197	41	0	0	2005-00
	PAN	63	0	0	0	2011-20	0	0	0	2002-48	0	62	3	0	0	...
	SLV	425	0	0	0	2001-19	0	0	0	2006-30	0	398	0	0	0	2001-00
CAR	CAR	300	0	1	1	2018-03	0	0	0	2008-18	0	286	62	0	0	1999-00
LAC	CUB	1855	0	0	0	1993-27	0	0	0	2004-06	0	1855	0	0	0	1989-10
	DOM	129	0	0	0	2011-18	0	0	0	2007-45	14	99	0	0	0	...
	HTI	167	0	0	0	2001-39	0	0	0	2006-21	0	94	9	0	0	...
MEX	MEX	3690	0	5	5	2018-16	0	2	2	2018-14	0	3525	0	0	0	...
NOA	CAN	25	...	26	26	2018-42	...	...	...	2016-06	0	0	0	1	...	2018-39
	USA	0	...	142	142 <sup>c</sup>	2018-40	...	2	2	2017-16	0	0	0	...	...	2017-00
SOC	ARG	489	0	14	14	2018-39	0	0	0	2014-22	2	223	19	0	0	2009-27
	CHL	313	0	0	0	2015-27	0	0	0	2011-25	0	302	116	0	0	...
	PRY	613	0	0	0	1998-44	0	0	0	2005-21	71	505	0	0	0	2003-06
	URY	11	0	0	0	1999-08	0	0	0	2001-37	0	10	0	0	0	...
<b>TOTAL</b>		<b>25443</b>	<b>0</b>	<b>8471</b>	<b>8471</b>	<b>--</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>--</b>	<b>115</b>	<b>16465</b>	<b>641</b>	<b>1</b>	<b>0</b>	<b>--</b>

\*Congenital Rubella Infection.

...No updated report received

(a) PAHO/WHO. Epidemiological Update: Measles. 24 October 2018, Washington, D.C.: PAHO/WHO; 2018.; (b) Ministry of Health, Brazil. Report No. 29, 30 October 2018 (c) Provisional data.



# Measles/Rubella Surveillance

**Table No.22**

**Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-43, 2018**

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	138			5				
	COL	11	8						
	ECU		1	7	20				
	PER	3			5525				
	VEN <sup>a</sup>				148				
BRA	BRA <sup>b</sup>		2416						
	CRI								
	GTM	1							
	HND								
	NIC								
CAP	PAN								
	SLV								
	GTM	1							
	HND								
	NIC								
CAR	PAN								
	SLV								
	GTM	1							
	HND								
	NIC								
LAC	PAN								
	SLV								
	GTM	1							
	HND								
	NIC								
MEX	PAN								
	SLV								
	GTM	1							
	HND								
	NIC								
NOA	PAN								
	SLV								
	GTM	2	3			2			
	HND	16	7		3				
	NIC	61	78		3				
SOC	PAN								
	SLV								
	GTM				11				
	HND								
	NIC								
<b>TOTAL</b>		<b>233</b>	<b>2512</b>	<b>7</b>	<b>5715</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>

**Table No.3**

**Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-43, 2018**

Country	Pending Cases 2017	Cumulative 2018	Week of Onset						% Pend. Cases
			1-38	39	40	41	42	43	
BOL	1	5	4	0	1	0	0	0	3
COL	14	133	94	8	8	14	8	1	3
ECU	0	84	84	0	0	0	0	0	14
PER	4	100	49	15	17	4	8	7	11
VEN	...	...	...	...	...	...	...	...	...
BRA	27	0	0	0	0	0	0	0	0
CRI	0	9	8	1	0	0	0	0	18
GTM	11	14	14	0	0	0	0	0	3
HND	0	1	1	0	0	0	0	0	1
NIC	0	7	3	3	1	0	0	0	3
PAN	0	1	1	0	0	0	0	0	2
SLV	0	27	19	3	3	1	0	1	6
CAR	1	13	5	0	1	0	6	1	4
LAC	0	0	0	0	0	0	0	0	0
DOM	243	16	16	0	0	0	0	0	12
HTI	25	73	69	1	1	2	0	0	44
MEX	0	158	86	12	10	16	22	12	4
CAN	0	0	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0
ARG	2	250	250	0	0	0	0	0	51
CHL	0	11	5	0	0	2	2	2	4
PRY	0	37	21	5	4	5	0	2	6
URY	0	1	1	0	0	0	0	0	9
<b>TOTAL</b>		<b>333</b>	<b>972</b>	<b>1734</b>	<b>810</b>	<b>94</b>	<b>333</b>	<b>90</b>	<b>26</b>

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

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

(a) Epidemiological Update: Measles. 24 October 2018, Washington, D.C.: PAHO/WHO; 2018 (b) Ministry of Health, Brazil. Report No. 29, 30 October 2018

... No updated report received

**Table 4**

**Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-43, 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 (2017/44-2018/43)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657	0	100	95	73	80	1.8	0.0	
	COL	5146	0	81	0	100	88	9.9	4.3	
	ECU	2184	0	99	93	68	63	4.1	0.0	
	PER	7781	0	84	91	76	51	3.0	0.0	
	VEN	...	...	...	...	...	...	...	...	
CAP	BRA	15097	81	0	56	56	50	4.7	0.1	
	CRI	57	0	54	86	91	79	1.1	28.8	
	GTM	1541	0	52	99	69	88	2.8	0.1	
	HND	470	91	72	97	83	98	2.5	3.4	
	NIC	185	0	97	99	95	95	3.5	6.3	
CAR	PAN	324	0	86	92	65	90	1.7	0.4	
	SLV	1266	0	64	98	98	94	7.6	0.0	
	CAR	766	97	89	98	15	75	4.1	10.7	
	LAC	168	0	100	100	100	100	16.8	0.0	
	DOM	247	0	12	98	69	27	1.5	0.0	
MEX	HTI	652	0	88	95	53	23	1.8	1.2	
	MEX	20604	0	97	99	93	86	3.1	0.0	
	NOA	CAN	...	...	...	...	...	...	...	
	USA	...	...	...	...	...	...	...	...	
	SOC	ARG	784	0	9	73	72	74	1.2	1.9
SOC	CHL	783	82	32	61	89	93	1.9	10.6	
	PRY	1182	98	82	99	88	95	10.5	0.3	
	URY	155	0	100	73	73	55	0.3	0.0	
	<b>Total and Average*</b>		<b>62049</b>	<b>20</b>	<b>84</b>	<b>58</b>	<b>77</b>	<b>74</b>	<b>4.6</b>	<b>0.9</b>

\*Weighted

... No updated report received