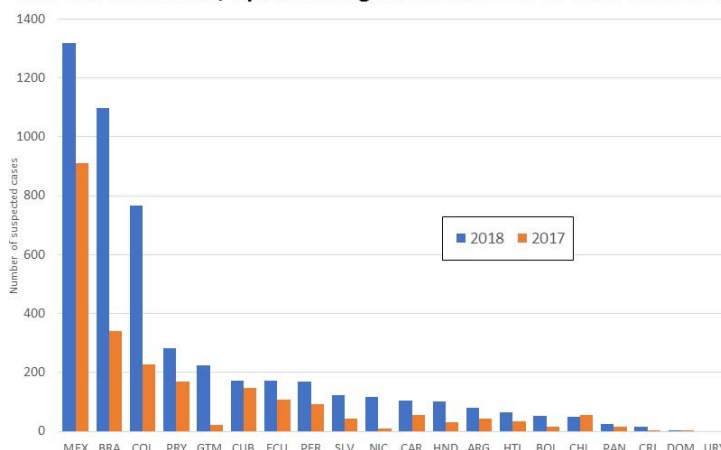


# Measles/Rubella Weekly Bulletin



## Notification of suspected measles and rubella cases, Latin America and the Caribbean, epidemiological weeks 1-16 of 2017 and 2018

Countries in Latin America and the Caribbean increased reporting for suspected measles and rubella cases by 53%, from 2,319 to 4,934 cases, in the above mentioned time period. Three countries (Chile, Dominican Republic and Uruguay) showed no improvement.



Source: MESS, ISIS, and country reports sent to FPL-IM  
Data as of epidemiological week 16, 2018.

**Table.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-16, 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	52	0	0	0	2000-40	0	0	0	2006-03	0	47	0	0	0	...
	COL	766	0	15	15	2018-16	0	0	0	2012-31	0	734	126	0	0	2005-34
	ECU	169	0	1	1	2018-13	0	0	0	2004-49	0	115	0	0	0	2011-14
	PER	173	0	2	2	2018-08	0	0	0	2009-04	0	151	1	0	0	2007-16
	VEN	...	0	279	279 <sup>a</sup>	2018-09	0	0	0	2007-51	0	...	0	0	0	...
BRA	BRA	1099	0	96	96	2018-14	0	0	0	2014-40	0	358	11	0	0	2009-34
CAP	CRI	16	0	0	0	2014-09	0	0	0	2001-39	0	11	19	0	0	...
	GTM	223	0	1	1	2018-03	0	0	0	2006-31	15	179	2	0	0	2005-00
	HND	101	0	0	0	1998-16	0	0	0	2004-11	0	93	3	0	0	2001-00
	NIC	115	0	0	0	1994-14	0	0	0	2004-19	0	95	18	0	0	2005-00
	PAN	25	0	0	0	2011-20	0	0	0	2002-48	0	23	3	0	0	...
	SLV	124	0	0	0	2001-19	0	0	0	2006-30	0	105	0	0	0	2001-00
CAR	CAR	105	0	1	1	2018-03	0	0	0	2008-18	0	89	18	0	0	1999-00
LAC	CUB	171	0	0	0	1993-27	0	0	0	2004-06	0	171	0	0	0	1989-10
	DOM	2	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
	HTI	63	0	0	0	2001-39	0	0	0	2006-21	0	0	2	0	0	...
MEX	MEX	1319	0	4	4 <sup>a</sup>	2018-14	0	0	0	2017-19	0	986	0	0	0	...
NOA	CAN	...	...	5	5	2018-14	...	...	...	2016-06	0	0	0	...	...	2015-50
	USA	...	...	63	63 <sup>b</sup>	2018-16	...	...	...	2017-16	0	0	0	...	...	2017-00
SOC	ARG	80	0	3	3	2018-12	0	0	0	2014-22	0	12	12	0	0	2009-27
	CHL	48	0	0	0	2015-27	0	0	0	2011-25	0	36	31	0	0	...
	PRY	283	0	0	0	1998-44	0	0	0	2005-21	34	235	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>4934</b>	<b>0</b>	<b>470</b>	<b>470</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>49</b>	<b>3498</b>	<b>246</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. 6 April 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 01-16, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	15							
	COL								
	ECU				1				
	PER				2				
	VEN <sup>a</sup>		84		195				
BRA	BRA				96				
	CRI								
	GTM	1							
	HND								
	NIC								
CAP	PAN								
	SLV								
	CAR	1							
	CUB								
	DOM								
MEX	MEX	4							
	CAN	5							
	USA	26	37						
SOC	ARG	2	1						
	CHL								
	PRY								
	URY								
<b>TOTAL</b>		<b>54</b>	<b>122</b>	<b>0</b>	<b>294</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 01-16, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases
			1-11	12	13	14	15	16		
BOL	1	5	2	0	0	1	2	...	10	
COL	14	17	5	5	1	4	2	0	2	
ECU	0	53	34	7	8	4	0	...	31	
PER	5	20	6	0	6	4	1	3	12	
VEN	...	...	...	...	...	...	...	...	...	
BRA	27	532	82	88	78	109	118	57	48	
CRI	0	5	5	0	0	0	0	0	31	
GTM	31	28	27	0	1	0	0	0	13	
HND	2	8	5	0	0	1	1	1	8	
NIC	0	20	2	0	1	4	13	0	17	
PAN	0	2	0	0	0	2	0	0	8	
SLV	1	19	13	3	0	2	1	0	15	
CAR	1	15	7	4	4	0	0	0	14	
CUB	0	0	0	0	0	0	0	...	0	
DOM	243	2	2	0	0	0	0	0	100	
HTI	28	63	59	3	1	0	0	0	100	
MEX	554	333	139	40	19	36	47	52	25	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	41	65	18	4	25	17	1	0	81	
CHL	0	12	3	0	2	0	5	2	25	
PRY	0	14	5	2	1	4	2	0	5	
URY	0	0	0	0	0	...	...	...	0	
<b>TOTAL</b>		<b>948</b>	<b>1214</b>	<b>415</b>	<b>156</b>	<b>147</b>	<b>188</b>	<b>193</b>	<b>115</b>	<b>24</b>

I: Imported; IR: Import-related; CAC: Country-acquired case  
U: Unknown. (a) Pan American Health Organization/  
World Health Organization. Epidemiological Update: Measles.  
6 April 2018, Washington, D.C.: PAHO/WHO; 2018;

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-16, 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 (2017/17-2018/16)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	100	83	79	0.8	0.0
	COL	5194	96	76	98	90	95	3.4	1.9
	ECU	2184	...	99	98	60	66	2.6	0.0
	PER	7781	...	91	94	84	63	1.2	0.0
	VEN	13092	...	...	...	...	...	...	...
CAP	BRA	11825	77	...	83	83	64	0.4	0.0
	CRI	57	...	75	94	75	88	1.4	28.8
	GTM	1541	98	0	100	71	88	2.1	0.0
	HND	470	91	76	96	84	98	2.7	2.4
	NIC	185	100	97	99	95	97	5.1	4.2
CAR	PAN	324	...	84	88	76	84	1.4	0.5
	SLV	1266	91	67	98	98	92	5.3	0.0
	CAR	766	70	83	96	21	56	2.7	8.3
	LAC	168	...	100	100	100	100	12.6	0.0
	DOM	247	...	0	100	0	0	3.1	0.0
MEX	HTI	652	...	94	95	0	0	1.6	0.9
	MEX	20146	...	98	98	90	83	2.9	0.0
	CAN	...	...	...	...	...	...	...	...
NOA	USA	...	...	...	...	...	...	...	...
	ARG	784	...	3	44	83	73	0.8	1.8
SOC	CHL	783	86	35	73	95	82	0.9	7.0
	PRY	1168	95	80	99	87	93	9.3	0.3
	URY	155	...	0	0	0	0	0.1	0.0
<b>Total and Average*</b>		<b>71445</b>	<b>28</b>	<b>87</b>	<b>94</b>	<b>84</b>	<b>81</b>	<b>2.0</b>	<b>0.6</b>

\*Weighted

... No updated report received