Measles-rubella suspected cases pending final classification, 2013-2017*

n=378 pending cases

Legend: 2013 | 2014 | 2015 | 2016 | 2017

Source: SysVPD, MESS, and country reports to FGL-IM as of epidemiological week 45, 2018.
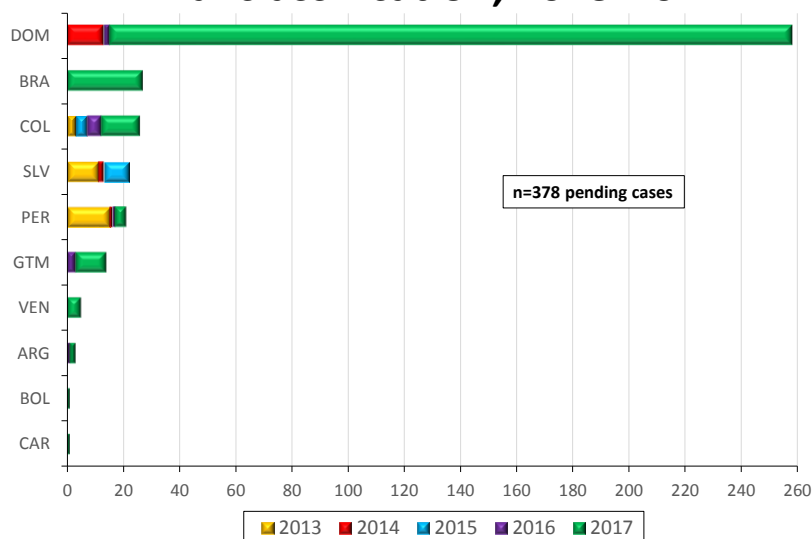
Top 10 countries with pending measles/rubella (MR) cases, 2018 (n=2895)

Country	Pending MR cases	%
Brazil	1883	65
Argentina	316	11
Mexico	143	5
Colombia	133	5
Peru	104	4
Ecuador	84	3
Haiti	53	2
Venezuela	33	1
Paraguay	33	1
El Salvador	33	1

We urge countries to timely classify their suspected measles and rubella cases, reported from 2013 up to date. According to the data, Colombia, El Salvador, Dominican Republic and Peru have cases pending final classification in 2013 and 2014, respectively; while in 2017, 79% of the total cases were reported by Dominican Republic.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-46, 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	208	0	0	0	2000-40	0	0	0	2006-03	0	203	0	0	0	…
	COL	4893	0	162	162	2018-44	0	0	0	2012-31	0	4601	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	937	0	39	39	2018-42	0	0	0	2009-04	1	793	1	0	0	2007-16
	VEN	…	…	5525	5525ᵃ	2018-42	…	…	…	2007-51	…	…	…	…	…	…
BRA	BRA	14512	0	2801	2801ᵇ	2018-41	0	0	0	2014-40	0	2051	52	0	0	2009-34
CAP	CRI	50	0	0	0	2014-09	0	0	0	2001-39	0	41	19	0	0	…
	GTM	489	0	1	1	2018-03	0	0	0	2006-31	26	448	5	0	0	2005-00
	HND	193	0	0	0	1998-16	0	0	0	2004-11	0	192	19	0	0	2001-00
	NIC	240	0	0	0	1994-14	0	0	0	2004-19	0	228	43	0	0	2005-00
	PAN	64	0	0	0	2011-20	0	0	0	2002-48	0	64	3	0	0	…
	SLV	437	0	0	0	2001-19	0	0	0	2006-30	0	404	0	0	0	2001-00
CAR	CAR	316	0	1	1	2018-03	0	0	0	2008-18	0	300	62	0	0	1999-00
LAC	CUB	2023	0	0	0	1993-27	0	0	0	2004-06	0	2023	0	0	0	1989-10
	DOM	129	0	0	0	2011-18	0	0	0	2007-45	14	99	0	0	0	…
	HTI	182	0	0	0	2001-39	0	0	0	2006-21	0	129	9	0	0	…
MEX	MEX	3791	0	5	5	2018-16	0	2	2	2018-14	0	3641	0	0	0	…
NOA	CAN	…	…	27	27	2018-44	…	…	…	2016-06	…	…	…	1	…	2018-39
	USA	…	…	142	142ᶜ	2018-40	…	2	2	2017-16	…	…	…	…	…	2017-00
SOC	ARG	570	0	14	14	2018-39	0	0	0	2014-22	2	238	19	0	0	2009-27
	CHL	317	0	1	1	2018-46	0	0	0	2011-25	0	308	123	0	0	…
	PRY	674	0	0	0	1998-44	0	0	0	2005-21	71	570	0	0	0	2003-06
	URY	11	0	0	0	1999-08	0	0	0	2001-37	0	10	0	0	0	…
TOTAL		**30636**	**0**	**8737**	**8737**	**--**	**0**	**4**	**4**	**--**	**115**	**17154**	**660**	**1**	**0**	**--**

*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. 30, 6 November 2018 (c) Provisional data.

Measles/Rubella Surveillance

Table No.22
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-46, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL	157			5				
	ECU	11	8						
	PER	3	1	7	29				
	VEN^a				5525				
BRA	BRA^b		2653		148				
CAP	CRI								
	GTM	1							
	HND								
	NIC								
	PAN								
	SLV								
CAR	CAR	1							
LAC	CUB								
	DOM								
	HTI								
MEX	MEX	2	3				2		
NOA	CAN	17	7		3				
	USA	61	78		3				
SOC	ARG	2	1		11				
	CHL	1							
	PRY								
	URY								
TOTAL		**256**	**2750**	**7**	**5724**	**0**	**2**	**0**	**0**

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. 30, 6 November 2018

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-46, 2018

Country	Pending Cases 2017	Cumu-lative 2018	Week of Onset						% Pend. Cases
			1-41	42	43	44	45	46	
BOL	1	5	3	0	0	1	1	0	2
COL	14	130	118	8	2	2	0	0	3
ECU	0	84	84	0	0	0	…	…	14
PER	4	104	79	8	11	5	1	…	11
VEN	5	…	…	…	…	…	…	…	…
BRA	27	…	…	…	…	…	…	…	…
CRI	0	9	9	0	0	0	0	…	18
GTM	11	14	13	0	1	0	0	0	3
HND	0	1	1	0	0	0	0	0	1
NIC	0	12	0	0	1	7	2	2	5
PAN	0	0	0	0	0	0	0	0	
SLV	0	33	30	1	2	0	0	…	8
CAR	1	15	5	0	1	6	2	1	5
CUB	0	0	0	0	0	0	0	0	
DOM	243	16	16	0	0	0	0	…	12
HTI	0	53	53	0	0	0	0	…	29
MEX	0	143	109	9	12	6	7	….	4
CAN	…	…	…	…	…	…	…	…	…
USA	…	…	…	…	…	…	…	…	…
ARG	2	316	316	0	0	0	0	…	55
CHL	0	8	4	0	2	1	1	0	3
PRY	0	33	17	1	7	3	5	…	5
URY	0	1	1	…	…	…	…	…	9
TOTAL	**308**	**977**	**858**	**27**	**39**	**31**	**19**	**3**	**3**

… No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-46, 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 (2017/47-2018/46)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	…	100	95	72	79	1.9	0.0
	COL	5179	…	81	98	90	95	10.2	4.3
	ECU	2184	…	99	93	68	63	3.9	0.0
	PER	7781	…	83	91	78	53	2.9	0.0
	VEN	13092	…	…	…	…	…	…	…
	BRA	14149	81	…	56	56	50	5.1	0.2
CAP	CRI	57	…	54	86	91	79	1.1	28.8
	GTM	1541	98	53	99	69	88	2.8	0.1
	HND	470	90	73	97	83	98	2.5	3.3
	NIC	185	100	97	99	95	95	4.0	6.5
	PAN	324	…	86	92	66	91	1.7	0.4
	SLV	1266	…	64	98	98	94	7.5	0.0
CAR	CAR	766	…	90	98	15	74	4.3	10.7
LAC	CUB	168	…	100	100	100	100	17.8	0.0
	DOM	247	…	12	98	69	27	1.4	0.0
	HTI	652	…	88	94	54	25	1.8	1.2
MEX	MEX	20597	…	97	99	93	86	3.1	0.0
NOA	CAN	...	…	...	...	...	...	...	...
	USA	...	…	...	...	...	...	...	...
SOC	ARG	784	…	8	67	70	74	1.3	1.9
	CHL	783	…	32	62	88	93	1.8	10.6
	PRY	1182	…	80	98	89	95	10.8	0.3
	URY	155	…	100	73	73	55	0.3	0.0
Total and Average*		**74219**	**18**	**83**	**77**	**72**	**69**	**4.8**	**1.0**

*Weighted

… No updated report received