Measles/RubellaWeeklyBulletin



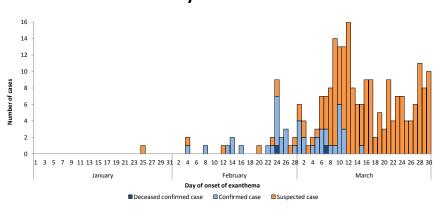
Comprehensive Family Immunization/Family, Gender and Life Course Measles and Rubella Surveillance in the Americas

Week ending 31 March 2018

Brazil has confirmed 46 measles cases; 4 in Amazonas and 42 in Roraima. The age range is between 3 months and 33 years old; 62% are male and 80% of the cases have not been vaccinated. Thirty-four cases are Venezuelan citizens and 12 are Brazilian citizens. The genotype is D8, the same found in the Venezuelan outbreak in 2017. The country has initiated a mass vaccination campaign in Roraima, targeting individuals aged 6 months to 49 years old and will begin another campaign on 14 April in Manaus, Amazonas, targeting infants and children aged 6 months to 5 years old. Epidemiological case investigations and contract tracing are ongoing.

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Measles cases reported in the Brazilian states of Amazonas and Roraima by date of rash onset 1 January - 30 March 2018



Source: Data published by the Ministry of Health of Brazil and reproduced by PAHO/WHO

Table.1 Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-13, 2018

Subregion and Country		Susp. Cases	Meas	les Confi 2018	rmed	Year/Week Last Conf. Measles	Rube	ella Conf 2018	irmed	Year/Week Last Conf. Rubella	Discarde	osis of ed Cases 18		enital Rub Syndrome		Year/Week Last Conf.
		2018	Clin.	Lab.	Total	case	Clin.	Lab.	Total	Case	Dengue	Others	Susp.	Conf.	CRI*	CRS Case
AND	BOL	38	0	0	0	2000-40	0	0	0	2006-03	0	35	0	0	0	
	COL	171	0	5	5	2018-12	0	0	0	2012-31	0	164	74	0	0	2005-34
	ECU			1	1 ^a	2016-14				2004-49	0	0	0	0	0	2011-14
	PER	139	0	2	2	2018-08	0	0	0	2009-04	0	121	1	0	0	2007-16
	VEN	62	0	279	279 ^a	2018-04	0	0	0	2007-51	0	29	0	0	0	
BRA	BRA	469	0	46	46	2018-13	0	0	0	2014-40	0	233	7	0	0	2009-34
CAP	CRI	12	0	0	0	2014-09	0	0	0	2001-39	0	11	19	0	0	
	GTM	184	0	1	1	2018-03	0	0	0	2006-31	11	143	2	0	0	2005-00
	HND	76	0	0	0	1998-16	0	0	0	2004-11	0	71	3	0	0	2001-00
	NIC	95	0	0	0	2014-00	0	0	0	2004-19	0	79	13	0	0	2005-00
	PAN	19	0	0	0	2011-20	0	0	0	2002-48	0	15	3	0	0	
	SLV	79	0	0	0	2001-19	0	0	0	2006-30	0	66	0	0	0	2001-00
CAR	CAR	92	0	1	1	2018-03	0	0	0	2008-18	0	74	18	0	0	1999-00
LAC	CUB	115	0	0	0	1993-27	0	0	0	2004-06	0	115	0	0	0	1989-10
	DOM	0	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	
	HTI	62	0	0	0	2001-39	0	0	0	2006-21	0	0	2	0	0	
MEX	MEX	814	0	4	4 ^a	2018-10	0	0	0	2017-19	0	588	0	0	0	
NOA	CAN			4	4	2018-10				2016-06	0	0	0			2015-50
	USA			41	41 ^b	2018-13				2017-16	0	0	0			2017-00
SOC	ARG	18	0	1	1	2018-12	0	0	0	2014-22	0	2	12	0	0	2009-27
	CHL	35	0	0	0	2015-27	0	0	0	2011-25	0	24	31	0	0	
	PRY	199	0	0	0	1998-44	0	0	0	2005-21	34	158	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	
TO	TOTAL		0	385	385		0	0	0	-	45	1928	185	0	0	-

*Congenital Rubella Infection.

.. No 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 01-13, 2018

the Period of Weeks 01-13, 2018											
Subre	egion and		Mea	asles		Rubella					
	ountry	ı	IR	CAC	U	ı	IR	CAC	C		
AND BRA	COL ECU PER VEN BRA BRA		33		1 2 246 46						
CAP	CRI GTM HND NIC PAN SLV	1									
CAR LAC	CAR CUB DOM HTI	1									
MEX NOA	MEX CAN USA	4 4 16	25								
SOC	ARG CHL PRY URY		20		1						
T	OTAL	31	58	0	296	0	0	0	0		

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-13, 2018

	n ::		Weeks 01-13, 2010							
	Pending Cases	Cumu- lative	Week of Onset							
Country	2017	2018	1-8	9	10	11	12	13	% Pend. Cases	
BOL	1	3	1	0	1	0	0	1	8	
COL	14	6	6	0	0	0	0	0	4	
ECU	4									
PER	5	17	2	1	4	2	0	8	12	
VEN	6	0	0	0	0	0	0	0	0	
BRA	27	177	37	32	15	93	0	0	51	
CRI	0	1	1	0	0	0	0	0	8	
GTM	31	29	24	2	2	0	0	1	16	
HND	3	5	5	0	0	0	0	0	7	
NIC	0	16	2	0	3	5	6	0	17	
PAN	0	4	0	0	0	1	2	1	21	
SLV	1	13	11	1	1	0	0	0	16	
CAR	1	17	4	2	2	3	4	2	18	
CUB	0	0	0	0	0	0	0		0	
DOM	242	0	0	0					0	
HTI	28	62	50	3	2	4	3	0	100	
MEX	554	226	73	19	29	48	57	0	28	
CAN										
USA										
ARG	64	15	5	0	0	0	3	7	83	
CHL	2	11	2	2	2	2	1	2	31	
PRY	0	7	4	0	3	0	0	0	4	
URY	0	0	0	0	0	0	0	0	0	
TOTAL	983	609	227	62	64	158	76	22	24	

... No report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-13, 2018

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-13, 2018											
Subregion and Country		Sites Reporting Weekly Total % This Units Week		% Cases with Adequate	% Cases with	% Blood Samples	% Lab. Results	Rate of Suspected Cases Last 52 weeks (2017/13-2018/12)			
				Investigation	Adequate Sample	Received in Lab. ≤5 days	<4 days	Measles/Rubella (100,000 pop.)	CRS (10,000 lb)		
AND	BOL	2657		100	100	82	79	0.7	0.0		
	COL	5183		81	100	92	96	2.3	1.2		
	ECU	2184		0	0	0	0	0.9	0.0		
	PER	7771		89	93	83	65	1.1	0.0		
	VEN	13092		100	98	50	65	2.8	0.6		
	BRA	16327	85		70	70	50	0.2	0.0		
CAP	CRI	57		92	100	75	100	1.6	28.8		
	GTM	1541	98	0	99	74	88	1.9	0.0		
	HND	470	90	79	97	87	99	2.5	2.4		
	NIC	185	100	98	99	98	96	4.9	3.9		
	PAN	324	0	84	95	74	84	1.3	0.5		
	SLV	1266	0	68	92	96	88	4.8	0.0		
CAR	CAR	766	92	84	98	20	54	2.8	8.3		
LAC	CUB	168		100	100	100	100	12.6	0.0		
	DOM	247		0	0	0	0	3.1	0.0		
	HTI	652	72	94	95	0	0	1.7	0.9		
MEX	MEX	20146		98	99	92	86	2.6	0.0		
NOA	CAN										
	USA										
SOC	ARG	784		0	33	86	71	0.7	1.8		
	CHL	783	88	29	80	97	76	0.9	7.0		
	PRY	1168	93	80	100	88	93	8.5	0.3		
	URY	155	0	0	0	0	0	0.1	0.0		
Total and	Average*	75926	25	90	94	83	81	1.7	0.6		

*Weighted ... No report received