

Weekly Bulletin





Family, Health Promotion and Life Course/Comprehensive Family Immunization

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Measles, Rubella, and Congenital Rubella Syndrome Surveillance in the Americas

Week ending 9 November 2019

Transmission pathways of measles virus in Brazil, 2018 - 2019a

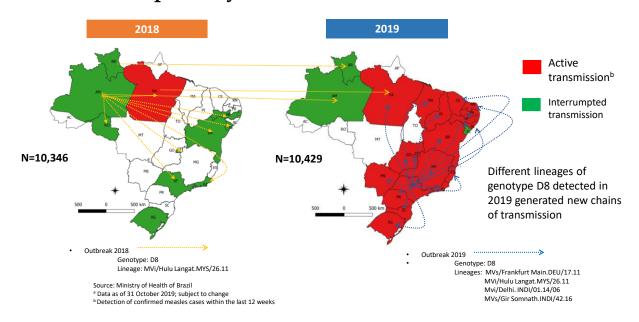


Table.1 Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-45, 2019

Diagnosis of Year/Week Year/Week **Measles Confirmed** Congenital Rubella Year/Week Susp. Discarded Cases Rubella Confirmed 2019 Subregion Last Conf. Last Conf. Syndrome Cases Last Conf. and Country Measles Rubella 2019 **CRS Case** 2019 Total EPI link Others CRI* Clin. Lab. case Lab. Total Case Dengue Susp. Conf. AND **BOL** 111 0 2000-40 0 2006-03 106 0 0 0 0 0 8 0 2005-34 COL 4037 1 214 215a 2019-45 n 0 n 2012-31 1 1733 292 n 0 **ECU** 174 0 0 0 2018-33 0 0 2004-49 0 162 0 0 2011-14 0 PER 2019-18 2009-04 387 0 0 2007-16 398 0 2 2 0 0 0 0 0 VEN 1447 100 397 23 520^b 2019-44 0 0 0 2007-51 6 237 19 0 0 BRA 54911 9291 0 2009-34 BRA 2596 2019-44 0 0 2014-40 0 22636 30 0 11887 0 CRI 2019-13 2001-39 25 49 10 10 0 0 0 38 ---GTM 2018-03 2006-31 201 2 2005-00 337 n 0 0 0 0 0 n 0 HND 0 1998-16 0 2004-11 18 0 2001-00 330 0 0 318 NIC 663 0 0 0 1994-14 0 0 0 2004-19 9 631 26 0 0 2005-00 PAN 61 2011-20 0 2002-48 56 2001-00 SLV 0 0 2001-19 2006-30 474 0 474 0 0 0 0 0 0 0 CAR CAR 305 3 1 2019-07 0 0 0 2008-18 0 291 43 0 0 1999-00 CUB 3083 n 1^b 0 2004-06 n 3083 O 1989-10 LAC 2019-24 n 0 n 0 1 DOM 153 0 0 2011-18 0 0 2007-45 8 134 . . . 2001-39 HTI 0 0 0 0 0 2006-21 131 18 0 184 0 0 0 MEX MEX 4766 0 20 20 2019-37 0 0 0 2018-14 0 3937 0 0 0 2018-39 NOA CAN 104 9 2019-45 2016-06 0 0 113 0 USA 1262 2019-45 2019-03 2017-00 1262 0 . . . SOC ARG 201 0 46 46 2019-44 0 3 3 2019-20 0 150 0 0 0 2009-27 CHL 756 10 2019-43 2019-14 725 136 10 0 0 0 1337 **PRY** 0 0 0 1998-44 0 0 0 2005-21 88 1031 3 0 0 2003-06 **URY** 70 0 9 9 2019-22 2001-37 0 58 0 0 0 TOTAL 73847 2697 11369 33 14099 114 36519 620 0

*Congenital Rubella Infection.

.. No updated report received

(a) Boletín Epidemiológico Semanal, SE 45-2019, Instituto Nacional de Salud, Colombia; (b) PAHO/WHO. Epidemiológical Update. Measles 1 November 2019, Washington, D.C.: PAHO/WHO; 2019.



Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-45, 2019

Table No.3 Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-45, 2019

Subregion and		Measles				Rubella					Pending		Week of Onset							
	ountry	ı	IR	En.	U	ı	IR	CAC	U		Country	Cases 2018	lative 2019	1-40	41	42	43	44	45	% Pend Cases
AND	BOL									1	BOL	3	4	4	0	0	0	0		4
	COL	66	130		19						COL	184	118	117	1	0	0	0	0	3
	ECU										ECU	84	8	8	0	0	0	0		5
	PER	1	1								PER	0	9	4	0	1	2	0	2	2
	VEN			520							VEN	2	3	3	0	0	0	0	0	0
BRA	BRA	39		48	11800						BRA	465	19903	14148	2239	1928	1219	369	0	36
CAP	CRI	1	9								CRI	23	1	1	0	0	0	0	0	2
	GTM										GTM	12	135	135	0	0	0	0		40
	HND										HND	0	12	12	0	0	0	0	0	4
	NIC										NIC	0	23	12	1	4	3	3	0	3
	PAN										PAN	0	5	2	1	1	1	0		8
	SLV										SLV	0	0	0	0	0	0	0		0
CAR	CAR	4									CAR	0	10	8	0	1	0	0	1	3
LAC	CUBa	1									CUB	0	0	0	0	0	0	0	0	0
	DOM										DOM	0	11	11	0	0	0	0		7
	HTI										HTI	56	53	53	0	0	0	0	0	29
MEX	MEX	6	14								MEX	0	809	662	22	41	32	22	30	17
NOA	CAN	42	62		9						CAN									
	USA	133	1118		11						USA									
SOC	ARG	5	1		40	1			2		ARG	107	2	2	0	0	0	0	0	1
	CHL	5	5			1					CHL	0	19	13	2	2	0	2	0	3
	PRY										PRY	8	218	122	5	21	25	20	25	16
	URY	2	6		1						URY	0	3	3						4
T	OTAL	305	1346	568	11880	2	0	0	2		TOTAL	944	21346	15320	2271	1999	1282	416	58	29
I: Imported: IR: Import-related: Fn: Endemic case: U: Unknown. No updated report receive											eived									

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

(a) PAHO/WHO. Epidemiological Update. Measles 1 November 2019, Washington, D.C.: PAHO/WHO; 2019.

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-45, 2019

Subregion and Country		Sites Re Wee		% Cases with Adequate	% Cases with	% Blood Samples	% Lab. Results	Rate of Suspected Cases Last 52 weeks (2018/46-2019/45)		
		Total % This Units Week		Investigation	Adequate Sample	Received in Lab. ≤5 days	<4 days	Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657		60	63	65	64	1.2	0.3	
	COL	5175	97	93	96	92	97	5.6	9.1	
	ECU	2184		86	97	77	91	1.7	0.0	
	PER	7781		87	96	84	49	1.6	0.0	
	VEN	13092		100	61	10	17	1.8	0.3	
	BRA			72	82	85	21	25.6	0.1	
CAP	CRI	57		73	86	86	79	1.1	3.7	
	GTM	1541		85	97	63	86	2.0	0.0	
	HND	470	90	78	99	81	98	4.0	2.3	
	NIC	185	100	97	95	93	83	11.2	6.2	
	PAN	324		93	95	75	97	1.6	0.0	
	SLV			73	98	97	95	8.2	0.0	
CAR	CAR	763	89	85	97	8	85	4.2	13.2	
LAC	CUB	168		100	100	100	100	31.7	0.0	
	DOM	247		22	97	84	75	1.4	0.0	
	HTI	652	82	90	93	76	66	1.7	0.7	
MEX	MEX	20322	97	95	99	92	90	3.7	0.0	
NOA	CAN									
	USA							•••		
SOC	ARG	784		19	93	77	58	0.6	0.0	
	CHL	767	81	22	98	96	97	5.5	10.7	
	PRY	1258	98	76	88	85	78	22.0	0.2	
	URY	155		97	54	54	46	2.0	0.0	
otal and Average*		58582 48 88		88	94	84	85	11.2	1.1	

*Weighted ... No updated report received