

Measles/Rubella Weekly Bulletin

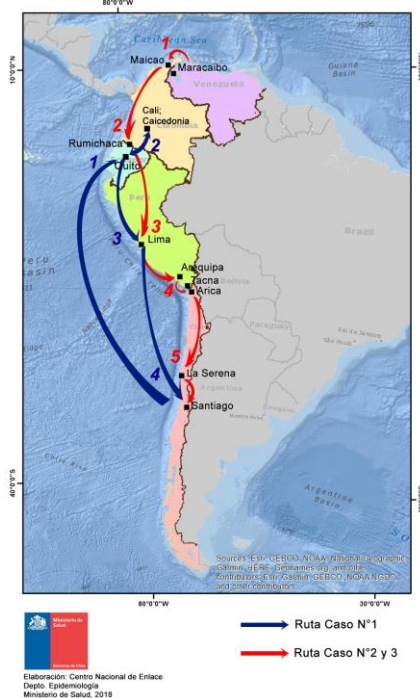


Displacement of imported measles cases in Chile, 2018*

Displacement of measles case 1			Displacement of measles cases 2 and 3		
Route of case	Location of travel	Date of travel	Route of case	Location of travel	Date of travel
1	Air travel from Santiago/Chile to Quito/Ecuador	21 October	1	Land travel Maracaibo (Venezuela)-Maicao (Colombia)	12 November
2	Land travel Quito-Cali-Caicedonia (Colombia) and back to Quito	26 October-7 November	2	Land travel Maicao - Rumichaca (Ecuador)	13 November
3	Air travel Quito-Lima (Peru)	7 November	3	Land travel Rumichaca - Lima	15-16 November
4	Air travel Lima-Santiago	8 November	4	Land travel Lima-Tacna (Peru)	16-17 November
			5	Land travel Tacna (Peru)-Arica-La Serena-Santiago (Chile)	18-19 November

Chile confirmed three imported measles cases in November. The first case is a 42-year-old female Colombian residing in Santiago, Chile. Rash onset was on 8 November with infection occurring outside the country. Cases 2 and 3 are Venezuelan children aged 4 years and 6 months with rash onsets on 23 and 29 November, respectively. They were infected outside Chile. Genotype D8 has been identified for the first two cases, the same genotype that is circulating in several outbreaks of the Americas.

Source: Ministry of Health of Chile
Data as of EW 48, 2018



Elaboración: Centro Nacional de Enlace Depto. Epidemiología Ministerio de Salud, 2018

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-48, 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. n.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*	
AND	BOL 218	0	0	0	2000-40	0	0	0	2006-03	0	217	0	0	0	...
	COL 5279	0	169	169	2018-46	0	1	1	2018-42	0	4946	340	0	0	2005-34
	ECU 600	0	19	19	2018-33	0	0	0	2004-49	0	497	0	0	0	2011-14
	PER 1006	0	38	38	2018-41	0	0	0	2009-04	0	900	1	0	0	2007-16
	VEN ...	...	5643	5643 ^a	2018-43	...	...	...	2007-51	...	...	...	...	...	...
BRA	BRA 10970	0	10163	10163 ^b	2018-47	0	0	0	2014-40	0	3738	53	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 199	0	0	0	1998-16	0	0	0	2004-11	0	198	21	0	0	2001-00
	NIC 257	0	0	0	1994-14	0	0	0	2004-19	0	244	45	0	0	2005-00
	PAN 65	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 325	0	1	1	2018-03	0	0	0	2008-18	0	321	119	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 194	0	0	0	2001-39	0	0	0	2006-21	0	141	9	0	0	...
MEX	MEX 3914	0	5	5	2018-16	0	2	2	2018-14	0	3774	0	0	0	...
NOA	CAN ...	...	28	28	2018-47	...	...	...	2016-06	0	0	0	1	...	2018-39
	USA ...	...	220	220 ^c	2018-44	...	2	2	2017-16	0	0	0	...	...	2017-00
SOC	ARG 643	0	14	14	2018-39	0	0	0	2014-22	2	257	19	0	0	2009-27
	CHL 355	0	3	3	2018-48	0	0	0	2011-25	0	333	137	0	0	...
	PRY 712	0	0	0	1998-44	0	0	0	2005-21	71	605	0	0	0	2003-06
	URY 11	0	0	0	1999-08	0	0	0	2001-37	0	10	0	0	0	...
TOTAL	27876	0	16304	16304	--	0	5	5	--	113	19260	771	1	0	--

*Congenital Rubella Infection.

...No updated report received

(a) PAHO/WHO. Epidemiological Update: Measles. 30 November 2018, Washington, D.C.: PAHO/WHO; 2018.; (b) Ministry of Health, Brazil. Report No. 32, 26 November 2018; (c) Provisional data.



Measles/Rubella Surveillance

Table No.22

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-48, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	164			5				
	COL	11	8						
	ECU								
	PER	3	1	7	28				
	VEN ^a				5643				
BRA	BRA ^b		9950		213				
	CRI								
CAP	GTM	1							
	HND								
	NIC								
	PAN								
	SLV								
CAR	CAR	1							
	CUB								
LAC	DOM								
	HTI								
MEX	MEX	2	3			2			
	CAN	17	8		3				
NOA	USA	75	140		5	2			
	ARG	2	1		11				
SOC	CHL	3							
	PRY								
	URY								
TOTAL		279	10110	7	5908	0	4	0	0

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-48, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset						% Pend. Cases	
			1-43	44	45	46	47	48		
BOL	1	1	0	0	1	0	0	0	0	
COL	14	163	143	10	5	4	1	...	3	
ECU	0	84	84	0	...	...	...	...	14
PER	4	68	44	1	8	9	4	2	7	
VEN	...	...	...	...	...	...	...	...	...
BRA	...	...	...	...	...	...	...	...	...
CRI	0	9	9	0	0	0	0	...	18	
GTM	11	14	14	0	0	0	...	...	3
HND	0	1	1	0	0	0	0	0	1	
NIC	0	13	0	0	2	6	3	2	5	
PAN	0	1	0	0	1	0	0	0	2	
SLV	0	33	33	0	0	0	0	0	8	
CAR	1	3	3	0	0	0	0	0	1	
CUB	0	0	0	0	0	0	0	0	0	
DOM	243	16	16	0	0	0	0	0	12	
HTI	0	53	50	0	3	0	0	0	27	
MEX	0	133	93	3	6	12	7	12	3	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	370	370	0	0	0	0	0	58	
CHL	0	19	5	0	1	3	4	6	5	
PRY	0	36	25	3	5	1	1	1	5	
URY	0	1	1	...	...	...	...	...	9
TOTAL		276	1018	891	17	32	35	20	23	4

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

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

(a) Epidemiological Update: Measles. 30 November 2018, Washington, D.C.: PAHO/WHO; 2018 (b) Ministry of Health, Brazil. Report No. 32, 26 November 2018

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-48, 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 (2017/49-2018/48)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	94	72	82	2.0	0.0
	COL	5179	...	80	98	90	94	10.8	4.8
	ECU	2184	...	99	93	68	63	3.8	0.0
	PER	7781	...	86	91	79	60	3.1	0.0
	VEN	13092	...	...	...	...	...	...	...
CAP	BRA	14559	81	...	56	56	50	5.2	0.2
	CRI	57	...	54	86	91	79	1.0	28.8
	GTM	1541	...	53	99	69	88	2.8	0.1
	HND	470	90	71	97	83	97	2.5	3.4
	NIC	185	100	97	99	96	95	4.2	6.6
	PAN	324	...	85	92	65	91	1.6	0.4
	SLV	1266	...	64	98	98	94	7.3	0.0
CAR	CAR	766	96	90	98	15	76	4.3	15.4
	LAC	CUB	168	...	100	100	100	17.8	0.0
	DOM	247	...	12	98	69	27	1.3	0.0
	HTI	652	88	89	94	57	25	1.8	0.4
MEX	MEX	20572	93	97	99	92	86	3.1	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	7	66	71	73	1.5	1.9
	CHL	783	79	30	64	89	94	2.0	10.9
	PRY	1182	95	80	98	89	95	11.1	0.0
	URY	155	...	100	73	73	55	0.3	0.0
Total and Average*		74604	46	82	80	75	72	4.9	1.0

*Weighted

... No updated report received