

Measles/Rubella Weekly Bulletin



Confirmed measles cases Peru, 2018*

Between EW 8 and EW 42 of 2018, there were 38 confirmed cases of measles reported, with ages ranging from 4 months to 51 years (median 18 months) and 23 of the cases are male.

Dates of rash onset were between 24 February and 10 October 2018. Three of the cases were imported (2 from Venezuela and 1 from the Philippines), and the probable place of infection for the remaining cases is: Amazonas (1), Callao (17), Cusco (2), Ica (1), La Libertad (3), Lima (7), Piura (2), and Puno (2).

The genotype for the first 2 cases was D8 originating from India, whereas the genotype identified in 7 other cases was D8, similar to that of which was identified in Venezuela.



Source: Country report through the Integrated Surveillance Information System and PAHO/WHO. Epidemiological Update: Measles. 24 October 2018, Washington, D.C.: PAHO/WHO; 2018.
* Data as of 24 October 2018

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-42, 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	197	0	0	2000-40	0	0	0	2006-03	0	192	0	0	0	...	
	COL	4407	0	136	2018-42	0	0	0	2012-31	0	4161	305	0	0	2005-34	
	ECU	600	0	19	2018-33	0	0	0	2004-49	0	497	0	0	0	2011-14	
	PER	900	0	38	2018-41	0	0	0	2009-04	1	744	1	0	0	2007-16	
	VEN	...	...	5525	5525 ^a	2018-42	...	...	...	2007-51	...	...	...	...	...
BRA	BRA	10022	0	2192	2192 ^b	2018-41	0	0	0	2014-40	0	2051	41	0	0	2009-34
CAP	CRI	36	0	0	0	2014-09	0	0	0	2001-39	0	27	19	0	0	...
	GTM	478	0	1	1	2018-03	0	0	0	2006-31	26	437	5	0	0	2005-00
	HND	188	0	0	0	1998-16	0	0	0	2004-11	0	187	20	0	0	2001-00
	NIC	204	0	0	0	1994-14	0	0	0	2004-19	0	197	41	0	0	2005-00
	PAN	63	0	0	0	2011-20	0	0	0	2002-48	0	59	3	0	0	...
CAR	SLV	422	0	0	0	2001-19	0	0	0	2006-30	0	396	0	0	0	2001-00
	CAR	291	0	1	1	2018-03	0	0	0	2008-18	0	284	62	0	0	1999-00
	CUB	1720	0	0	0	1993-27	0	0	0	2004-06	0	1720	0	0	0	1989-10
	DOM	129	0	0	0	2011-18	0	0	0	2007-45	14	99	0	0	0	...
	HTI	139	0	0	0	2001-39	0	0	0	2006-21	0	79	9	0	0	...
MEX	MEX	3613	0	5	5	2018-16	0	2	2	2018-14	0	3447	0	0	0	...
	CAN	...	...	26	26	2018-42	...	...	...	2016-06	...	...	...	1	...	2018-39
NOA	USA	...	...	142	142 ^c	2018-40	...	2	2	2017-16	...	...	...	...	...	2017-00
	URY	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOC	ARG	489	0	14	14	2018-39	0	0	0	2014-22	2	223	19	0	0	2009-27
	CHL	305	0	0	0	2015-27	0	0	0	2011-25	0	292	116	0	0	...
	PRY	604	0	0	0	1998-44	0	0	0	2005-21	71	498	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
	TOTAL	24807	0	8099	8099	--	0	4	4	--	114	15590	641	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. 27, 17 October 2018 (c) Provisional data.



Measles/Rubella Surveillance

Table No.22

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-42, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	131			5				
	COL	11	8						
	ECU			7	27				
	PER	3	1		5525				
	VEN ^a				148				
BRA	BRA ^b	208	1836						
	CRI								
	GTM	1							
	HND								
	NIC								
CAP	PAN								
	SLV								
	CAR	1							
	CUB								
	DOM								
LAC	HTI								
	MEX	2	3			2			
	NOA	16	7		3				
SOC	USA	61	78		3				
	ARG	2	1		11				
	CHL								
URY									
TOTAL		436	1934	7	5722	0	2	0	0

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-42, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases
			1-37	38	39	40	41	42		
BOL	1	5	4	0	0	1	0	...	4	
COL	14	110	90	6	6	3	4	1	2	
ECU	0	84	84	0	0	0	0	...	15	
PER	4	117	44	14	18	21	7	13	14	
VEN	...	...	...	...	...	...	...	...	...
BRA	27	5476	5215	106	155	...	...	...	10
CRI	0	9	9	0	0	0	0	0	27	
GTM	11	14	14	0	0	0	0	0	2	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	7	0	3	3	1	0	...	3	
PAN	0	4	1	0	0	1	1	1	4	
SLV	0	26	17	2	2	4	1	0	5	
CAR	1	6	5	0	0	1	0	0	2	
CUB	0	0	0	0	0	0	0	0	0	
DOM	243	16	16	0	0	0	0	0	7	
HTI	25	60	55	0	1	1	3	0	68	
MEX	0	159	86	6	12	11	20	24	5	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	250	250	0	0	0	0	0	51	
CHL	0	13	6	0	2	0	2	3	7	
PRY	0	35	18	3	5	4	5	0	3	
URY	0	0	0	...	...	...	...	...	0
TOTAL		328	6392	5915	140	204	48	43	42	26

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. 27, 17 October 2018

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-42, 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 (2017/43-2018/42)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	95	73	80	1.8	0.0
	COL	5146	98	83	98	90	95	9.4	4.3
	ECU	2184	81	99	93	68	63	4.2	0.0
	PER	7781	...	83	91	75	50	2.9	0.0
	VEN	13092	...	99	40	42	39	11.2	0.0
CAP	BRA	15097	81	...	56	56	50	4.7	0.1
	CRI	57	...	58	86	91	88	0.9	28.8
	GTM	1541	98	52	99	69	88	2.8	0.1
	HND	470	91	72	97	83	98	2.5	3.4
	NIC	185	...	97	99	95	95	3.5	6.3
LAC	PAN	324	...	81	92	65	90	1.7	0.5
	SLV	1266	...	63	98	98	93	7.6	0.0
	CAR	766	95	89	98	15	77	4.1	10.7
	CUB	168	...	100	100	100	100	15.7	0.0
	DOM	247	...	12	98	69	27	1.6	0.0
MEX	HTI	652	83	91	96	51	19	1.6	1.2
	MEX	20502	97	97	99	93	86	3.1	0.0
	NOA	CAN	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	784	...	9	73	72	74	1.2	1.9
	CHL	783	78	32	61	88	93	1.9	10.6
	PRY	1182	97	82	99	88	95	10.6	0.3
URY	155	...	0	0	0	0	0.0	0.0	
Total and Average*		75039	58	84	80	74	72	4.6	0.9

*Weighted

... No updated report received