

Measles/Rubella Weekly Bulletin



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

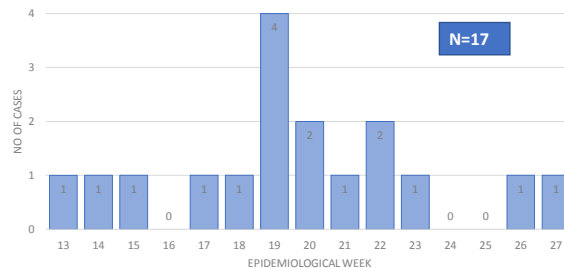


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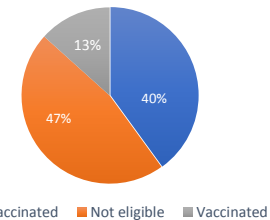
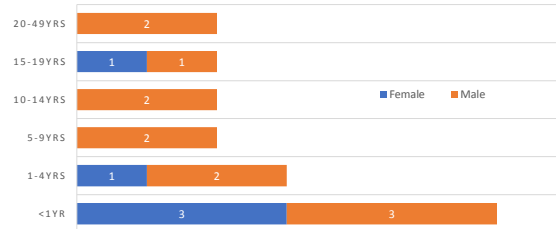
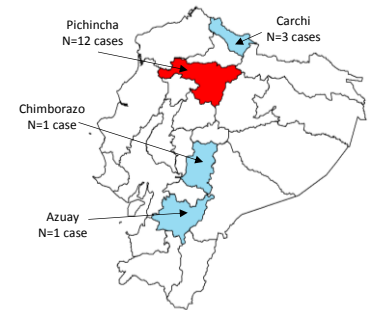
Week ending 13 July 2018

Characteristics of measles outbreak in Ecuador, 2018*

Ecuador has confirmed 17 measles cases between epidemiological weeks 13 and 27 of 2018. From this total, nine cases were classified as imported from Venezuela and eight cases as related to importation. The country continues intensifying rapid response measures to halt the outbreak and avoid spread of the virus.



Measles cases by province, epidemiological week 27-2018.



Source: Ministry of Health, Ecuador
Data as of 17 July, 2018

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-28, 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	109	0	0	0	2000-40	0	0	0	2006-03	0	101	0	0	0	...
	COL	3054	0	40	40	2018-27	0	0	0	2012-31	0	2915	220	0	0	2005-34
	ECU	238	0	17	17 ^a	2018-28	0	0	0	2004-49	0	154	0	0	0	2011-14
	PER	275	0	3	3 ^a	2018-28	0	0	0	2009-04	0	249	1	0	0	2007-16
	VEN	...	0	1613	1613 ^a	2018-28	...	...	...	2007-51	...	...	...	...	...	...
BRA	BRA	2404	0	677	677 ^a	2018-28	0	0	0	2014-40	0	715	13	0	0	2009-34
CAP	CRI	26	0	0	0	2014-09	0	0	0	2001-39	0	24	19	0	0	...
	GTM	423	0	1	1	2018-03	0	0	0	2006-31	24	388	5	0	0	2005-00
	HND	155	0	0	0	1998-16	0	0	0	2004-11	0	151	13	0	0	2001-00
	NIC	143	0	0	0	1994-14	0	0	0	2004-19	0	136	23	0	0	2005-00
	PAN	43	0	0	0	2011-20	0	0	0	2002-48	0	37	3	0	0	...
	SLV	273	0	0	0	2001-19	0	0	0	2006-30	0	256	0	0	0	2001-00
CAR	CAR	225	0	1	1	2018-03	0	0	0	2008-18	0	216	62	0	0	1999-00
LAC	CUB	654	0	0	0	1993-27	0	0	0	2004-06	0	654	0	0	0	1989-10
	DOM	55	0	0	0	2011-18	0	0	0	2007-45	8	17	0	0	0	...
	HTI	113	0	0	0	2001-39	0	0	0	2006-21	0	29	6	0	0	...
MEX	MEX	2608	0	5	5	2018-16	0	2	2	2018-07	0	2289	0	0	0	...
NOA	CAN	...	...	19	19	2018-28	...	...	...	2016-06	...	...	...	0	0	2015-50
	USA	...	...	91	91 ^b	2018-26	...	...	...	2017-16	...	...	...	...	...	2017-00
SOC	ARG	298	0	5	5 ^a	2018-28	0	0	0	2014-22	1	132	19	0	0	2009-27
	CHL	136	0	0	0	2015-27	0	0	0	2011-25	0	121	90	0	0	...
	PRY	430	0	0	0	1998-44	0	0	0	2005-21	64	351	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		11662	0	2472	2472	--	0	2	2	--	97	8935	474	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) Pan American Health Organization / World Health Organization. Epidemiological Update: Measles. 17 July 2018, Washington, D.C.: PAHO/WHO; 2018. Data officially reported as of today; (b) Provisional data.



Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-28, 2018

Subregion and Country		Measles				Rubella				
		I	IR	CAC	U	I	IR	CAC	U	
AND	BOL				2					
	COL	38								
	ECU ^a	9	8							
	PER	1			2					
BRA CAP	VEN ^a				1613					
	BRA	59	46		572					
	CRI									
	GTM	1								
	HND									
	NIC									
	PAN									
	SLV									
	CAR LAC	CAR	1							
		CUB								
MEX NOA	DOM									
	HTI									
MEX NOA	MEX	1			4					
	CAN	14	2		3					
SOC	USA	38	53							
	ARG	2	1		2					
	CHL									
	PRY									
	URY									
TOTAL		164	110	0	2198	0	0	0	0	

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-28, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases	
			1-23	24	25	26	27	28			
BOL	1	8	6	1	1	0	0	0	0	7	
COL	14	99	78	12	4	3	2	0	0	3	
ECU	0	77	77	...	...	...	...	...	...	32
PER	4	24	20	1	1	1	1	0	0	9	
VEN	...	...	...	...	...	...	...	...	...	...
BRA	27	501	462	29	10	0	0	...	...	21
CRI	0	2	2	0	0	0	0	0	0	8	
GTM	11	10	10	0	0	0	0	0	0	2	
HND	0	4	1	0	0	0	2	1	1	3	
NIC	0	7	2	0	1	3	0	1	1	5	
PAN	0	6	0	0	1	2	0	3	14	14	
SLV	0	17	14	0	2	0	1	0	6	6	
CAR	1	8	3	2	1	1	1	0	4	4	
CUB	0	0	0	0	0	0	0	0	0	0	
DOM	243	30	30	0	0	...	...	...	...	55
HTI	27	84	83	1	0	0	0	0	0	74	
MEX	0	312	245	13	10	14	15	15	12	12	
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	2	162	162	0	0	0	0	0	0	54	
CHL	0	15	2	1	1	4	2	5	11	11	
PRY	0	15	11	1	1	1	1	0	3	3	
URY	0	0	0	...	...	...	...	...	...	...
TOTAL			330	1381	1208	61	33	29	25	25	12

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

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

Epidemiological Update: Measles. 8 June 2018, Washington, D.C.: PAHO/WHO; 2018

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-28, 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 (2017/29-2018/28)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	99	75	84	1.2	0.0
	COL	5143	98	80	98	89	95	7.4	3.2
	ECU	2184	...	99	98	63	68	2.5	0.0
	PER	7781	...	92	93	85	59	1.2	0.0
	VEN	13092	...	...	...	...	...	...	...
CAP	BRA	14869	81	0	56	56	63	1.1	0.0
	CRI	57	...	62	96	88	100	1.1	28.8
	GTM	1541	98	46	99	70	88	2.9	0.1
	HND	470	91	77	97	83	97	2.8	3.0
	NIC	185	100	97	99	94	94	4.9	4.7
	PAN	324	...	77	88	60	86	1.5	0.5
	SLV	1266	...	63	97	97	93	6.8	0.0
CAR LAC	CAR	766	99	87	97	16	73	3.7	12.0
	CUB	168	...	100	100	100	100	11.0	0.0
MEX NOA	DOM	247	...	20	100	22	16	3.0	0.0
	HTI	652	86	94	97	45	13	1.6	1.1
	MEX	20478	97	97	99	93	84	3.2	0.0
SOC	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	11	73	71	69	1.0	1.9
	CHL	783	71	34	79	89	89	1.2	8.4
	PRY	1175	97	84	99	88	94	10.0	0.3
	URY	155	...	0	0	0	0	0.0	0.0
Total and Average*		74777	56	83	89	80	82	2.8	0.8

*Weighted

... No updated report received