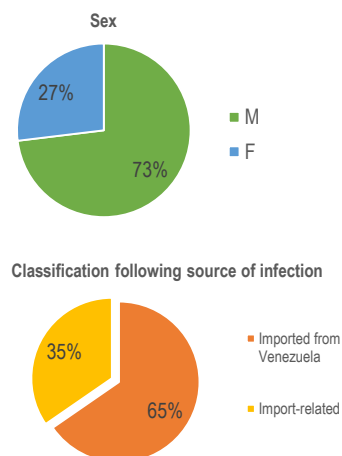
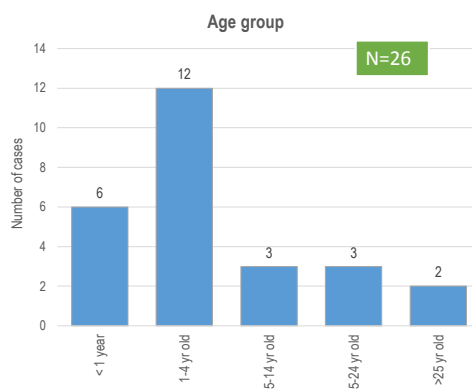


Measles/Rubella Weekly Bulletin



Characteristics of measles outbreak in Colombia, 2018*

In 2018, Colombia has confirmed 26 cases of measles in 8 departments; date of rash onset for the last case is 25 May. Of the total cases, 46% were reported among children aged 1 to 4 years old. Ninety-two percent of the cases were among Venezuelan citizens who arrived to the country during their communicable period, therefore virus exposure occurred in Venezuela. There was also secondary transmission among Venezuelans that already resided in Colombia. The identified genotype has the same lineage as the D8 genotype isolated in Venezuela. Outbreak control measures are ongoing in every department.



Source: National Institute of Health, Colombia.

*Data as of May 30, 2018

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-21, 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.	CRS*		
AND	BOL	92	0	0	0	2000-40	0	0	0	2006-03	0	84	0	0	0	...
	COL	1719	0	26	26	2018-20	0	0	0	2012-31	0	1627	172	0	0	2005-34
	ECU	238	0	7	7	2018-19	0	0	0	2004-49	0	154	0	0	0	2011-14
	PER	221	0	2	2	2018-08	0	0	0	2009-04	0	198	1	0	0	2007-16
	VEN	...	0	904	904 ^a	2018-17	0	0	0	2007-51	...	...	0	0	0	...
BRA	BRA	1686	0	173	173	2018-20	0	0	0	2014-40	0	548	12	0	0	2009-34
CAP	CRI	26	0	0	0	2014-09	0	0	0	2001-39	0	23	19	0	0	...
	GTM	312	0	1	1	2018-03	0	0	0	2006-31	20	281	4	0	0	2005-00
	HND	128	0	0	0	1998-16	0	0	0	2004-11	0	127	8	0	0	2001-00
	NIC	133	0	0	0	1994-14	0	0	0	2004-19	0	125	19	0	0	2005-00
	PAN	30	0	0	0	2011-20	0	0	0	2002-48	0	30	3	0	0	...
	SLV	158	0	0	0	2001-19	0	0	0	2006-30	0	138	0	0	0	2001-00
CAR	CAR	161	0	1	1	2018-03	0	0	0	2008-18	0	153	18	0	0	1999-00
LAC	CUB	344	0	0	0	1993-27	0	0	0	2004-06	0	344	0	0	0	1989-10
	DOM	32	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
	HTI	98	0	0	0	2001-39	0	0	0	2006-21	0	24	6	0	0	...
MEX	MEX	1645	0	4	4 ^a	2018-10	0	0	0	2017-19	0	1284	0	0	0	...
NOA	CAN	...	...	11	11	2018-18	...	...	...	2016-06	0	0	0	...	...	2015-50
	USA	...	...	84	84 ^b	2018-20	...	...	...	2017-16	0	0	0	...	...	2017-00
SOC	ARG	192	0	3	3	2018-12	0	0	0	2014-22	0	68	17	0	0	2009-27
	CHL	70	0	0	0	2015-27	0	0	0	2011-25	0	60	44	0	0	...
	PRY	348	0	0	0	1998-44	0	0	0	2005-21	34	291	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		7633	0	1216	1216	--	0	0	0	--	54	5559	323	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) Pan American Health Organization / World Health Organization. Epidemiological Update: Measles. 7 May 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 01-21, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL	17	9						
	ECU	6	1						
	PER				2				
	VEN ^a				904				
BRA	BRA	59	46		68				
	CAP								
	CRI								
	GTM	1							
	HND								
CAR	NIC								
	PAN								
	SLV								
	LAC	1							
	CAR								
MEX	CUB								
	DOM								
	HTI								
NOA	MEX	2	2						
	CAN	11							
SOC	USA	33	51						
	ARG	2	1						
	CHL								
	PRY								
	URY								
TOTAL		132	110	0	974	0	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-21, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases
			1-16	17	18	19	20	21		
BOL	1	8	4	0	1	0	1	2	9	
COL	14	66	43	8	7	4	4	0	4	
ECU	0	77	77	0	0	0	...	...	32
PER	5	21	17	2	1	1	0	0	10	
VEN	...	...	...	...	...	...	...	...	...
BRA	27	0	582	69	90	157	0	...	0	
CRI	0	3	2	0	1	0	0	0	12	
GTM	11	10	9	0	0	1	0	0	3	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	8	2	0	0	3	3	0	6	
PAN	0	0	0	0	0	0	0	...	0	
SLV	1	20	17	0	2	1	0	0	13	
CAR	1	7	3	0	1	2	1	0	4	
CUB	0	0	0	0	0	0	0	0	0	
DOM	243	32	31	0	0	0	0	1	100	
HTI	27	74	52	2	9	7	3	1	76	
MEX	0	356	271	29	33	23	0	0	22	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	19	121	119	1	1	0	0	0	63	
CHL	0	10	4	1	0	3	1	1	14	
PRY	0	23	20	0	2	0	0	1	7	
URY	0	0	0	0	0	0	...	...	0
TOTAL		353	839	1256	112	148	202	13	6	11

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

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

Epidemiological Update: Measles. 7 May 2018, Washington, D.C.: PAHO/WHO; 2018

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-21, 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 (2017/22-2018/21)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	98	77	84	1.1	0.0
	COL	5133	97	84	97	91	96	5.1	2.2
	ECU	2184	...	99	98	63	68	2.7	0.0
	PER	7781	...	90	95	82	61	1.1	0.0
	VEN	13092	...	100	97	54	55	4.2	0.6
CAP	BRA	15498	79	...	59	59	50	0.8	0.0
	CRI	57	...	62	96	88	100	1.4	28.8
	GTM	1541	98	39	99	68	87	2.4	0.1
	HND	470	91	77	97	84	98	2.8	2.7
	NIC	185	100	97	99	95	97	5.1	4.4
CAR	PAN	324	...	87	90	70	87	1.4	0.5
	SLV	1266	...	66	94	98	90	5.5	0.0
	CAR	766	90	84	98	21	65	3.2	8.3
	LAC	168	...	100	100	100	100	12.5	0.0
	DOM	247	...	19	100	0	0	3.2	0.0
MEX	HTI	652	87	96	97	45	12	1.7	1.1
	MEX	20083	...	98	99	93	81	2.9	0.0
	NOA	...	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	784	...	11	64	74	72	0.9	1.8
	CHL	783	81	36	83	92	87	1.0	7.5
	PRY	1168	94	82	99	85	91	9.4	0.3
	URY	155	...	0	0	0	0	0.1	0.0
Total and Average*		74994	30	84	88	80	78	2.4	0.7

*Weighted

... No updated report received