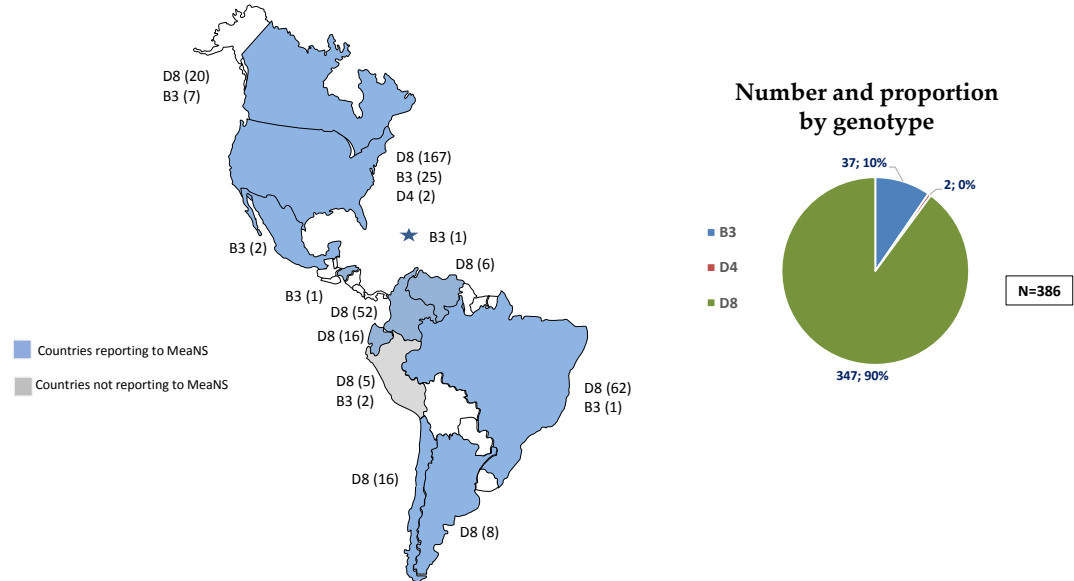


Measles/Rubella Weekly Bulletin



Measles genotypes detected in confirmed cases, 2018*

Number within brackets next to each genotype refers to the total number of sequences of N gene reported to MeaNS and the alphanumeric is related with the genotype. For example, B3 (2) means genotype B3 (2 sequences reported).



Source: Data on sequencing from Measles Nucleotide Surveillance (MeaNS); graphics reproduced by FPL-IM/PAHO.
* Data as of 16/01/2019

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-04, 2019

Subregion and Country	Susp. Cases 2019	Measles Confirmed 2019			Year/Week Last Conf. Measles case	Rubella Confirmed 2019			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2019		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	1	0	0	0	2000-40	0	0	0	2006-03	0	0	0	...	...	...
	COL	133	0	4	4	2019-03	0	0	0	2012-31	0	102	19	0	0	2005-34
	ECU	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	...	2011-14
	PER	14	0	0	0	2018-41	0	0	0	2009-04	0	3	0	0	0	2007-16
	VEN	3	0	0	0	2018-52	0	0	0	2007-51	0	2	0	0	0	...
BRA	BRA	...	...	...	...	2018-50	...	...	...	2014-40	...	...	...	...	...	2009-34
CAP	CRI	0	0	0	0	2014-09	0	0	0	2001-39	0	0	0	0	0	...
	GTM	2	0	0	0	2018-03	0	0	0	2006-31	0	1	0	0	0	2005-00
	HND	7	0	0	0	1998-16	0	0	0	2004-11	0	4	1	0	0	2001-00
	NIC	15	0	0	0	1994-14	0	0	0	2004-19	0	8	2	0	0	2005-00
	PAN	8	0	0	0	2011-20	0	0	0	2002-48	0	4	0	...	...	...
	SLV	5	0	0	0	2001-19	0	0	0	2006-30	0	5	0	0	0	2001-00
CAR	CAR	13	0	0	0	2018-03	0	0	0	2008-18	0	10	0	0	0	1999-00
LAC	CUB	72	0	0	0	1993-27	0	0	0	2004-06	0	6	0	0	0	1989-10
	DOM	3	0	0	0	2011-18	0	0	0	2007-45	0	2	0	0	0	...
	HTI	11	0	0	0	2001-39	0	0	0	2006-21	0	0	1	0	0	...
MEX	MEX	96	0	0	0	2018-16	0	0	0	2018-14	0	69	0	0	0	...
NOA	CAN	...	...	1	1	2019-02	...	...	...	2016-06	...	...	...	...	...	2018-39
	USA	...	...	52	52	2019-04	...	...	...	2017-16	...	...	...	...	...	2017-00
SOC	ARG	0	0	0	0	2018-39	0	0	0	2014-22	0	0	0	0	0	2009-27
	CHL	176	0	2	2	2019-04	0	0	0	2011-25	0	112	0	0	0	...
	PRY	94	0	0	0	1998-44	0	0	0	2005-21	2	40	0	0	0	2003-06
	URY	...	...	...	...	1999-08	...	...	...	2001-37	...	...	...	...	...	...
TOTAL		732	0	59	59	--	0	0	0	--	2	368	23	0	0	--

*Congenital Rubella Infection.

...No updated report received



Measles/Rubella Surveillance

Table No.22
Infection Source of Measles and Rubella Confirmed Cases for Week 04, 2019

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL				3				
	COL	1							
	ECU								
	PER								
	VEN								
BRA CAP	BRA								
	CRI								
	GTM								
	HND								
	NIC								
CAR LAC	PAN								
	SLV								
	CAR								
	CUB								
	DOM								
MEX	HTI								
	MEX								
NOA	CAN	1							
	USA	4	45		3				
SOC	ARG								
	CHL		1		1				
	PRY								
	URY								
TOTAL		6	46	0	7	0	0	0	0

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation for Week 04, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset					% Pend. Cases
			1	2	3	4		
BOL	3	1	0	0	1	0	100	
COL	199	27	8	14	4	1	20	
ECU	84	...	...	...	...	...	...
PER	11	11	6	3	2	0	79	
VEN	34	0	0	0	0	0	0	
BRA	...	...	...	...	...	...	...
CRI	22	0	0	0	0	0	0	
GTM	12	1	1	0	0	0	50	
HND	0	3	0	2	1	0	43	
NIC	1	7	2	1	1	3	47	
PAN	1	4	0	1	2	1	50	
SLV	0	...	...	...	...	...	...
CAR	3	3	0	0	2	1	23	
CUB	0	0	0	0	0	0	0	
DOM	18	1	0	1	0	0	33	
HTI	60	11	8	3	0	0	100	
MEX	68	27	1	7	14	5	28	
CAN	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...
ARG	411	0	0	0	0	0	0	
CHL	22	62	10	13	14	25	35	
PRY	56	52	6	11	19	16	55	
URY	1	...	...	...	...	...	...
TOTAL	1006	210	42	56	60	52	32	

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Week 04, 2019

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 (2018/05-2019/04)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	0	100	100	100	2.2	0.0
	COL	5183	96	56	93	83	98	12.1	5.3
	ECU	2184	...	0	0	0	0	3.3	0.0
	PER	7781	...	86	100	43	14	3.4	0.0
	VEN	13092	...	100	67	50	50	11.2	0.0
CAP	BRA	...	...	...	...	...	...	5.3	0.2
	CRI	57	...	0	0	0	0	1.2	2.8
	GTM	1541	...	100	100	100	100	2.7	0.1
	HND	470	90	71	100	86	100	2.3	1.3
	NIC	185	100	93	100	100	100	4.4	4.1
CAR LAC	PAN	324	...	75	100	50	100	1.7	0.0
	SLV	0	...	40	100	100	100	7.6	0.0
	CAR	763	94	100	92	8	69	4.4	10.0
	CUB	168	...	100	100	100	100	23.1	0.0
	DOM	247	...	0	100	100	67	1.3	0.0
MEX	HTI	652	89	91	100	55	36	1.7	0.4
	MEX	20521	96	94	100	84	84	3.0	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	0	0	0	1.7	0.3
	CHL	745	80	19	0	0	0	4.0	5.9
	PRY	1202	96	54	90	81	77	13.3	0.0
	URY	155	...	...	...	...	...	0.3	0.0
Total and Average*		58711	48	60	96	82	87	5.2	0.9

*Weighted

... No updated report received