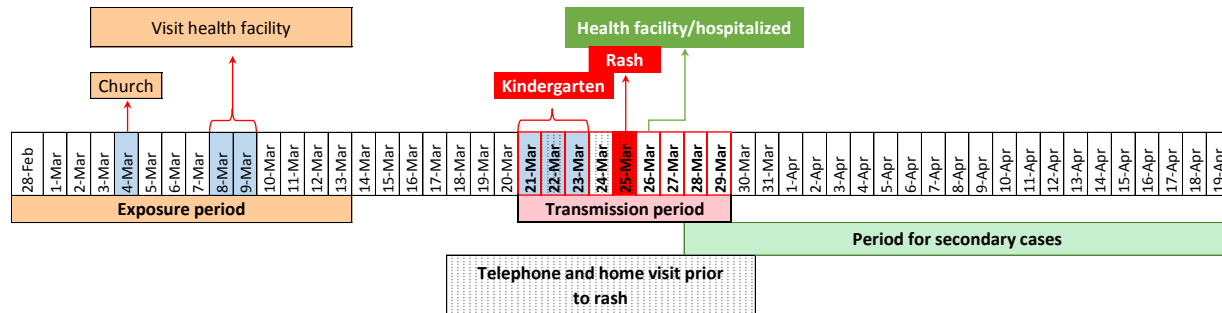


Measles/Rubella Weekly Bulletin



Timeline of an imported measles case in Argentina, 2018



A measles case was confirmed in an 8-month newborn, with no travel history, in the City of Buenos Aires. The genotype is D8, the lineage of which has a homology of 100% with strains reported in 2017 by various countries, among them Italy, Malaysia, Thailand and Japan. In 2018, this lineage has only currently been reported by Thailand. Epidemiological investigation, contact follow-ups and identification of the infection source are ongoing. As part of the control measures, the City of Buenos Aires will intensify vaccination in schools to complete schedules with second MMR doses. An epidemiological alert was issued to increase awareness in health services and various messages have been emitted in the media.

Source: Ministry of Health of Argentina.

Table 1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-14, 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.	CR1*		
AND	BOL	38	0	0	0	2000-40	0	0	0	2006-03	0	35	0	0	0	...
	COL	171	0	6	6 ^a	2018-14	0	0	0	2012-31	0	164	74	0	0	2005-34
	ECU	63	0	1	1	2018-13	0	0	0	2004-49	0	47	0	0	0	2011-14
	PER	147	0	2	2 ^a	2018-08	0	0	0	2009-04	0	126	1	0	0	2007-16
BRA	VEN	135	0	279	279 ^a	2018-04	0	0	0	2007-51	0	54	0	0	0	...
	BRA	349	0	63	63 ^b	2018-14	0	0	0	2014-40	0	233	7	0	0	2009-34
	CAP	12	0	0	0	2014-09	0	0	0	2001-39	0	11	19	0	0	...
	GTM	223	0	1	1	2018-03	0	0	0	2006-31	15	178	2	0	0	2005-00
CAR	HND	80	0	0	0	1998-16	0	0	0	2004-11	0	75	3	0	0	2001-00
	NIC	99	0	0	0	2014-00	0	0	0	2004-19	0	84	17	0	0	2005-00
	PAN	19	0	0	0	2011-20	0	0	0	2002-48	0	15	3	0	0	...
	SLV	87	0	0	0	2001-19	0	0	0	2006-30	0	65	0	0	0	2001-00
LAC	CAR	95	0	1	1	2018-03	0	0	0	2008-18	0	76	18	0	0	1999-00
	CUB	153	0	0	0	1993-27	0	0	0	2004-06	0	153	0	0	0	1989-10
	DOM	0	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
	HTI	62	0	0	0	2001-39	0	0	0	2006-21	0	0	2	0	0	...
MEX	MEX	1046	0	4	4 ^a	2018-14	0	0	0	2017-19	0	773	0	0	0	...
	NOA	...	...	5	5	2018-14	...	...	...	2016-06	...	...	...	...	...	2015-50
SOC	USA	...	...	41	41 ^c	2018-13	...	...	...	2017-16	...	...	...	...	...	2017-00
	ARG	37	0	1	1	2018-12	0	0	0	2014-22	0	7	12	0	0	2009-27
URY	CHL	40	0	0	0	2015-27	0	0	0	2011-25	0	29	31	0	0	...
	PRY	208	0	0	0	1998-44	0	0	0	2005-21	34	167	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
TOTAL	3064	0	404	404	--	0	0	0	--	49	2292	189	0	0	--	

*Congenital Rubella Infection.

...No report received

(a) Pan American Health Organization / World Health Organization. Epidemiological Update: Measles. 6 April 2018, Washington, D.C.: PAHO/WHO; 2018; (b) Epidemiological bulletin No 3, Ministry of Health of Brazil; (c) Provisional data.



Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-14, 2018

Subregion and Country	Measles				Rubella			
	I	IR	CAC	U	I	IR	CAC	U
AND								
BOL								
COL	5							
ECU				1				
PER				2				
VEN		33		246				
BRA				46				
CAP								
CRI								
GTM	2							
HND								
NIC								
PAN								
SLV								
CAR								
LAC								
CAR	1							
CUB								
DOM								
HTI								
MEX	4							
NOA	5							
USA	16	25						
SOC				1				
ARG								
CHL								
PRY								
URY								
TOTAL	33	58	0	313	0	0	0	0

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-14, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases
			1-9	10	11	12	13	14		
BOL	1	3	1	1	0	0	1	0	8	
COL	14	6	6	0	0	0	0	...	4	
ECU	0	15	14	0	0	1	0	0	24	
PER	5	20	3	3	2	0	10	2	14	
VEN	6	1	1	0	0	0	0	0	1	
BRA	27	177	69	15	93	0	0	...	51	
CRI	0	1	1	0	0	0	0	0	8	
GTM	31	28	25	2	0	0	1	0	13	
HND	2	5	5	0	0	0	0	0	6	
NIC	0	15	2	0	5	6	1	1	15	
PAN	0	4	0	0	1	2	1	...	21	
SLV	1	22	12	3	5	2	0	0	25	
CAR	1	18	6	3	1	4	3	1	19	
CUB	0	0	0	0	0	0	0	0	0	
DOM	242	0	0	...	...	...	...	...	...
HTI	28	62	53	2	4	3	0	0	100	
MEX	554	273	88	23	37	52	31	42	26	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	54	29	15	3	0	4	7	0	78	
CHL	0	11	1	1	2	0	3	4	28	
PRY	0	7	4	1	0	0	0	2	3	
URY	0	0	0	0	0	0	0	...	0	
TOTAL	966	697	306	57	150	74	58	52	23	

... No report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-14, 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 (2017/15-2018/14)	
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND								
BOL	2657	...	100	100	82	79	0.7	0.0
COL	5183	...	81	100	92	96	2.3	1.2
ECU	2184	...	100	98	63	73	2.0	0.0
PER	7771	...	90	92	85	66	1.1	0.0
VEN	13092	...	...	...	...	...	3.0	0.6
BRA	16327	85	...	69	69	49	0.2	0.0
CAP								
CRI	57	...	92	100	75	100	1.5	28.8
GTM	1541	98	0	100	71	88	2.1	0.0
HND	470	91	80	98	88	99	2.5	2.4
NIC	185	100	98	99	98	96	4.9	3.9
PAN	324	...	84	95	74	84	1.3	0.5
SLV	1266	...	74	92	96	90	4.7	0.0
CAR								
LAC								
CAR	766	87	83	97	19	55	2.7	8.3
CUB	168	...	100	100	100	100	12.8	0.0
DOM	247	...	0	0	0	0	3.1	0.0
HTI	652	72	94	95	0	0	1.7	0.9
MEX	20146	...	97	99	88	81	2.8	0.0
NOA								
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
SOC								
ARG	784	...	0	57	91	70	0.7	1.8
CHL	783	87	28	73	97	78	0.9	7.0
PRY	1168	88	83	100	87	93	8.5	0.3
URY	155	...	0	0	0	0	0.1	0.0
Total and Average*	75926	25	91	94	83	80	1.8	0.6

*Weighted

... No report received