

Measles/Rubella Weekly Bulletin



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



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Geographic distribution of confirmed measles cases, Canada – 2015*

A total of **140 cases of measles** have been reported in Canada for 2015: Ontario (n=18), Quebec (n=121), and Manitoba (n=1).

Measles activity in these three provinces is not linked, as the genotypes are different: D4 in Ontario, D8 in Manitoba and B3 in Quebec, which is linked to the Disney outbreak.



Source: Provisional data reported by the Public Health Agency of Canada to FGL-IM/PAHO
*Data as of epidemiological week 09, 2015

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-09, 2015

Subregion and Country	Susp. Cases 2015	Measles Confirmed 2015			Year/Week Last Conf. Measles case	Rubella Confirmed 2015			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2015		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	7	0	0	0	2000/40	0	0	0	2006/03	0	6	0	...	...	...
	COL	238	0	0	0	2013/25	0	0	0	2012/42	0	209	80	0	0	2005/34
	ECU	0	0	...	...	2012/28	...	...	...	2004/45	0	0	0	...	...	...
	PER	38	0	0	0	2008/18	0	0	0	2006/45	0	27	0	0	0	2007/16
	VEN	25	0	0	0	2012/16	0	0	0	2007/51	0	25	0	0	0	...
BRA	BRA	815	6	62	68	2015/09	0	0	0	2014/40	0	494	7	0	...	2009/34
	CRI	7	0	0	0	2005/22	0	0	0	2001/42	1	4	0	...	...	...
	GTM	9	0	0	0	1998/05	0	0	0	2006/30	1	8	0	0	0	2005/00
	HND	127	0	0	0	1997/29	0	0	0	2004/11	0	127	1	0	0	2001/00
	NIC	30	0	0	0	1994/14	0	0	0	2004/19	0	24	0	0	...	2005/00
	PAN	8	0	0	0	2011/20	0	0	0	2002/48	0	8	0	0	0	...
	SLV	2	0	0	0	2001/19	0	0	0	2006/30	0	0	0	0	0	2001/00
	CAR	48	0	0	0	2011/48	0	0	0	2008/18	1	35	0	0	0	1999/00
	LAC	CUB	147	0	0	0	1993/27	0	0	0	2004/06	0	0	0	0	0
	DOM	1	0	0	0	2011/18	0	0	0	2006/44	0	1	0	...	...	...
	GLP	0	0	0	0	2011/28	0	0	0	...	0	0	0	0	0	2005/00
	GUF	1	0	0	0	2011/26	0	0	0	2010/06	0	0	0	0	0	...
	HTI	28	0	0	0	2001/39	0	0	0	2006/21	0	25	3	0	0	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	...	...	...	0	0	...
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	MEX	605	0	1	1	2015/02	0	0	0	2012/49	0	434	0	0	0	...
NOA	CAN	...	...	140	140 ^a	2015/09	0	0	0	2014/10	...	...	...	...	...	2011/12
	USA	...	...	173	173 ^a	2015/09	...	...	...	2014/16	...	...	...	...	...	2012/44
SOC	ARG	3	0	0	0	2014/36	0	0	0	2014/22	0	3	6	0	0	2009/27
	CHL	32	0	0	0	2011/25	0	0	0	2011/25	0	29	0	0	0	...
	PRY	91	0	0	0	1998/44	0	0	0	2005/21	0	59	0	0	0	2003/06
	URY	...	0	...	...	1999/08	...	...	...	2001/37	0	0	0	...	...	...
TOTAL	2262	6	376	382	--	0	0	0	--	3	1518	97	0	0	--	

*Congenital Rubella Infection; (a) Provisional data.

...No report received



Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-09, 2015

Subregion and Country	Measles				Rubella			
	I	IR	CAC	U	I	IR	CAC	U
AND								
BOL								
COL								
ECU								
PER								
VEN				68				
BRA								
CAP								
CRI								
GTM								
HND								
NIC								
PAN								
SLV								
CAR								
LAC								
CUB								
DOM								
GLP								
GUF								
HTI								
MTQ								
PRI								
MEX	1							
NOA	2	119		19				
CAN	69	97		7				
USA								
SOC								
ARG								
CHL								
PRY								
URY								
TOTAL	72	216	0	94	0	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-09, 2015

Country	Pending Cases 2014	Cumulative 2015	Week of Onset							% Pend.Cases
			1-4	5	6	7	8	9		
BOL	0	1	0	0	0	0	1	0	14	
COL	74	29	11	5	4	4	3	2	12	
ECU	...	...	...	...	...	...	...	...	...
PER	18	7	2	1	2	1	1	0	18	
VEN	0	0	0	0	0	0	0	0	0	
BRA	431	262	0	0	0	0	262	0	32	
CRI	0	2	0	0	2	0	0	0	29	
GTM	2	0	0	0	0	0	0	0	0	
HND	4	0	0	0	0	0	0	0	0	
NIC	0	6	2	1	2	1	0	0	20	
PAN	5	0	0	0	0	0	0	0	0	
SLV	0	0	0	...	...	...	...	...	0
CAR	0	12	3	1	1	2	2	1	25	
LAC	0	147	1	3	17	108	0	0	100	
CUB	0	0	0	0	0	0	0	...	0	
DOM	0	0	0	0	0	0	0	...	0	
GLP	0	0	0	0	0	0	0	...	0	
GUF	0	0	0	0	0	0	0	...	0	
HTI	0	3	0	1	0	2	0	...	11	
MTQ	0	0	0	0	0	0	0	...	0	
PRI	...	...	...	...	...	...	...	...	...
MEX	0	2	1	0	0	1	0	0	0	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	0	0	0	0	0	0	0	0	
CHL	0	3	1	0	0	0	0	2	9	
PRY	2	32	7	5	5	4	7	4	35	
URY	...	...	...	...	...	...	...	...	0
TOTAL	538	506	28	17	33	123	276	9	22	

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

... No report received

Table 4.
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-09, 2015

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 (2014/10-2015/09)		
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	3121	...	100	100	86	71	1.3	0.0
	COL	5462	...	75	91	94	98	5.6	0.9
	ECU	2184	...	...	...	...	...	...	...
	PER	7314	...	89	92	74	50	1.2	0.0
	VEN	13092	...	92	100	76	52	2.1	0.1
BRA	BRA	12787	85	...	64	64	59	0.0	0.3
CAP	CRI	57	...	86	100	86	86	0.9	0.0
	GTM	1515	84	0	89	50	88	1.6	0.1
	HND	469	91	22	100	77	13	5.5	0.6
	NIC	185	...	90	100	93	89	2.8	1.6
	PAN	223	79	88	100	100	100	4.4	0.3
	SLV	...	...	100	...	...	...	6.1	0.0
CAR	CAR	716	95	54	65	19	65	6.1	1.1
LAC	CUB	150	100	100	100	100	100	0.0	0.0
	DOM	247	...	0	100	0	0	0.2	0.0
	GLP	...	...	...	...	...	...	...	...
	GUF	...	...	...	...	...	...	...	...
	HTI	187	98	100	96	80	80	1.1	0.8
	MTQ	...	...	...	...	...	...	...	...
	PRI	...	...	...	...	...	...	...	...
MEX	MEX	...	...	98	0	0	0	0.0	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	779	...	...	100	67	33	0.7	1.7
	CHL	812	99	44	88	83	83	1.6	1.9
	PRY	999	88	51	64	98	96	5.5	0.3
	URY	155	...	...	...	...	...	0.3	0.0
Total and Average*		50454	86	81	77	75	68	3.0	0.5

*Weighted