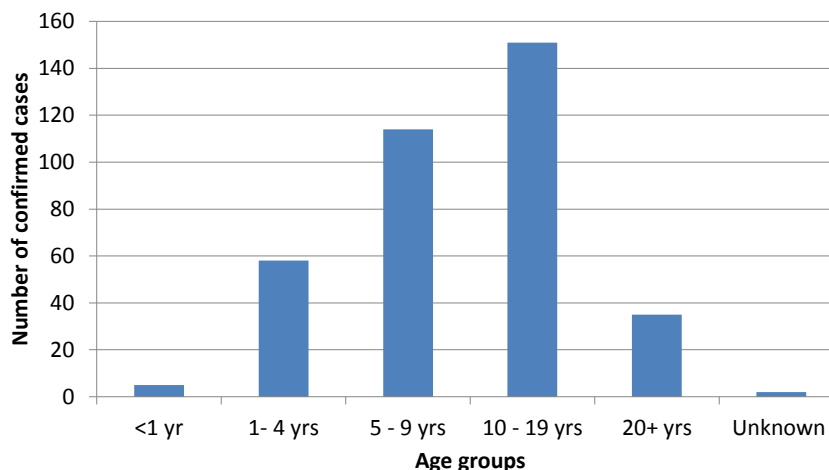


Measles/Rubella Weekly Bulletin

Number of confirmed measles cases by age groups, Fraser Valley Region, Canada, 2014*



As of April 3 2014, there have been 365 confirmed measles cases reported in the Fraser Valley Region, Canada. The most affected group is children and adolescents aged 10 to 19 years (41%), followed by children aged 5 to 9 years (31%) and 1 to 4 years (16%). The outbreak is likely due to an importation from the Netherlands, based on measles genotype identified (D8) and that two cases reported travel to that country.

Source: Country report to FGL-IM/PAHO.
*Data as of 3 April 2014.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-14, 2014

Subregion and Country	Susp. Cases 2014	Measles Confirmed 2014			Year/Week Last Conf. Measles case	Rubella Confirmed 2014			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2014		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	4	0	...	...	...
	COL	347	0	0	0	2013/25	0	0	0	2012/42	0	324	75	0	0	2005/34
	ECU	...	...	...	...	2012/28	...	...	...	2004/45	...	...	...	...	...	...
	PER	90	0	0	0	2008/18	0	0	0	2006/45	0	78	0	0	0	2007/16
	VEN	32	0	0	0	2012/16	0	0	0	2007/51	1	18	4	...	...	...
BRA	BRA	1461	0	158	158	2014/12	0	0	0	2009/41	0	1003	14	0	0	2009/34
	CAP	7	0	0	0	2005/22	0	0	0	2001/42	1	6	0	0	0	...
	GTM	38	0	0	0	1998/05	0	0	0	2006/30	1	36	1	...	...	2005/00
	HND	12	0	0	0	1997/29	0	0	0	2004/11	0	0	5	0	0	2001/00
	NIC	17	0	0	0	1994/14	0	0	0	2004/19	0	5	7	0	0	2005/00
CAR	PAN	91	0	0	0	2011/20	0	0	0	2002/48	0	89	0	...	...	...
	SLV	215	0	0	0	2001/19	0	0	0	2006/30	0	4	0	0	0	2001/00
	CAR	108	0	0	0	2011/48	0	0	0	2008/18	0	96	0	...	...	1999/00
	LAC	167	0	0	0	1993/27	0	0	0	2004/06	0	167	0	0	0	...
	DOM	4	0	0	0	2011/18	0	0	0	2006/44	0	4	0	...	...	...
MEX	GLP	0	0	0	0	2011/28	0	0	0	...	...	...	0	0	0	2005/00
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	...	...	...	0	0	...
	HTI	42	0	0	0	2001/39	0	0	0	2006/21	0	37	4	0	0	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	...	...	0	0	0	...
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NOA	MEX	614	0	2	2	2014/04	0	0	0	2012/49	0	473	0	0	0	...
	CAN	...	337 ^a	68	68 ^b	2014/14	0	1	1	2013/15	0	0	0	0	0	2011/12
SOC	USA	...	...	104	104 ^b	2014/13	0	0	0	2013/48	...	...	...	...	...	2012/44
	ARG	52	0	0	0	2012/20	0	0	0	2011/20	0	33	8	...	...	2009/27
	CHL	36	0	0	0	2011/25	0	0	0	2011/25	0	25	0	0	0	...
	PRY	114	0	0	0	1998/44	0	0	0	2005/21	0	102	2	0	0	2003/06
	URY	...	...	...	...	1999/08	...	...	...	2001/37	...	...	...	...	...	...
TOTAL	3454	337	332	669	--	0	1	1	--	3	2504	120	0	0	0	--

*Congenital Rubella Infection; (a) Provisional data and subject to change. Cases are epidemiologically linked and pending investigation. (b)Provisional data.

...No report received



Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-14, 2014

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
PER	PER								
	VEN								
BRA	BRA				158				
	CAP								
GTM	GTM								
	HND								
NIC	NIC								
	PAN								
SLV	SLV								
	CAR								
LAC	CUB								
	DOM								
GLP	GLP								
	GUF								
HTI	HTI								
	MTQ								
PRI	PRI								
	MEX				2				
NOA	CAN	12	24		369	1			
	USA	27	61		16				
SOC	ARG								
	CHL								
URY	URY								
	TOTAL	39	85	0	545	1	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-14, 2014

Country	Pending Cases 2013	Cumulative 2014	Week of Onset						% Pend.Cases
			1-9	10	11	12	13	14	
BOL	0	3	3	...	...	...	...	...	43
COL	37	23	9	2	5	4	2	1	7
ECU	...	...	...	...	...	...	...	...	...
PER	15	12	5	3	2	0	1	1	13
VEN	10	13	13	0	0	0	0	...	41
BRA	311	292	0	0	0	0	292	0	20
CRI	0	0	0	0	0	0	...	...	0
GTM	11	1	1	0	0	0	0	0	3
HND	0	0	0	0	0	0	0	0	0
NIC	0	12	3	2	6	1	0	0	71
PAN	3	2	2	0	0	0	0	0	2
SLV	4	185	92	16	25	19	19	14	86
CAR	10	12	7	1	2	0	2	0	11
CUB	0	0	0	0	0	0	0	0	0
DOM	0	0	0	0	0	0	0	0	0
GLP	0	0	0	0	0	0	...	...	0
GUF	0	0	0	0	0	0	...	...	0
HTI	0	5	0	0	3	0	2	0	12
MTQ	0	0	0	0	0	0	...	...	0
PRI	...	...	...	...	...	...	...	...	...
MEX	35	1	1	0	0	0	0	0	0
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	84	19	14	1	2	2	0	0	37
CHL	50	11	7	4	0	0	0	0	31
URY	6	10	3	1	1	2	3	0	9
TOTAL	576	601	160	30	46	28	321	16	17

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 01-14, 2014

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 (2013/15-2014/14)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	...	...	100	100	57	29	0.9	0.8
	COL	5430	...	72	93	92	99	4.8	4.3
PER	PER	2184	...	...	...	...	...	0.0	0.0
	VEN	...	...	82	91	71	48	1.5	0.0
BRA	BRA	13092	...	88	91	54	57	1.5	0.1
	CAP	11707	89	99	82	82	60	2.9	0.4
GTM	GTM	57	...	14	100	71	57	0.6	0.0
	HND	1506	47	26	95	62	70	1.9	0.1
NIC	HND	469	95	42	100	92	100	2.0	2.0
	NIC	185	100	47	88	50	57	2.6	2.3
PAN	PAN	223	74	93	98	73	90	6.0	0.1
	SLV	893	...	22	33	56	77	7.7	0.0
CAR	CAR	759	62	4	83	7	94	4.7	0.0
	LAC	150	100	100	100	100	100	10.5	0.0
DOM	DOM	...	...	25	100	100	50	0.8	0.0
	GLP	...	...	...	...	...	...	0.4	...
GUF	GUF	...	...	...	...	...	...	0.4	...
	HTI	116	97	88	100	89	47	3.5	2.0
MTQ	MTQ	...	...	...	...	...	...	0.0	...
	PRI	...	...	...	...	...	...	...	...
MEX	MEX	11138	...	98	...	...	...	3.8	...
	NOA	CAN	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	779	...	15	94	57	15	0.8	1.2
CHL	CHL	770	...	58	69	95	95	1.0	4.2
	URY	988	93	51	95	94	97	5.2	0.3
URY	URY	155	...	...	...	...	...	0.0	0.0
	Total and Average*	50601	85	83	83	78	71	2.8	0.8

*Weighted