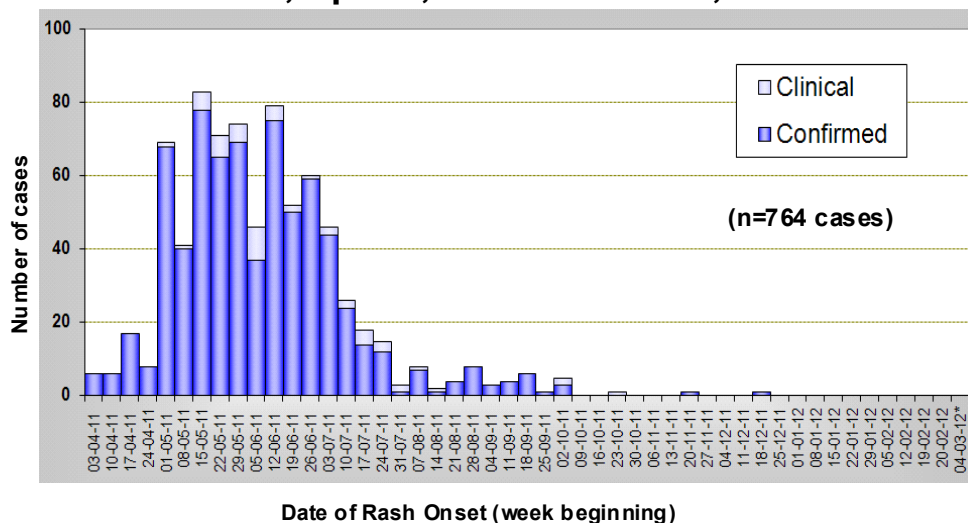




The distribution of measles cases, by the date of generalized rash and case status, Quebec, April 3, 2011 to March 7, 2012

- Genotype identified: D4
- Outbreak duration of 8 months from April to November, 2011
- Most affected: 10-19 years olds
- 79% were not immune
- Total of 803 cases reported by EW52/2011 from Canada, one region, Quebec, accounted 70% of the cases (n=764)



Source: BSV, DPSP, MSSS March 7, 2012, 12h00.

* For the week beginning March 4, data are cumulative to March 7, 2012, 12h00.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-10, 2012

Subregion and Country	Susp. Cases 2012	Measles Confirmed 2012			Year/Week Last Conf. Measles case	Rubella Confirmed 2012			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2012		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CR1*	
AND	BOL	13	0	0	2000/40	...	...	...	2006/03	0	10	0	...	...	...
	COL	207	0	0	2011/37	0	0	0	2009/18	0	158	16	0	0	2005/34
	ECU	302	0	40	2012/010	...	...	...	2004/45	9	67	0	...	...	...
	PER	12	0	0	2008/18	0	0	0	2006/45	0	8	0	...	...	2007/16
	VEN	60	0	0	2007/07	0	0	0	2007/51	5	42	0	0	0	...
BRA	BRA	700	0	1	2012/02	0	0	0	2009/41	0	478	18	...	...	2009/34
CAP	CRI	5	0	0	2005/22	0	0	0	2001/42	0	0	0	0	0	...
	GTM	66	0	0	1998/05	0	0	0	2006/30	6	47	0	0	0	2005/00
	HND	4	0	0	1997/29	0	0	0	2004/11	1	0	9	0	0	2002/00
	NIC	26	0	0	1994/14	0	0	0	2004/19	0	26	0	0	0	...
	PAN	22	0	0	2011/20	0	0	0	2002/48	0	20	0	0	0	...
	SLV	0	0	0	2001/19	0	0	0	2006/30	0	0	0	...	...	2001/00
CAR	CAR	39	0	0	2011/48	0	0	0	2008/18	0	0	0	0	0	1999/00
LAC	CUB	166	0	0	1993/27	0	0	0	2004/06	0	166	0	0	0	...
	DOM	24	0	0	2011/18	0	0	0	2006/44	0	16	0	...	...	...
	GLP	2	0	0	2011/28	0	0	0	...	0	2	0	0	0	2005/00
	GUF	2	0	0	2011/26	0	0	0	2010/06	1	1	0	0	0	...
	HTI	8	0	0	2001/39	0	0	0	2006/47	0	0	0	0	...	...
	MTQ	0	0	0	2011/27	0	0	0	...	0	0	0	0	0	...
	PRI	...	...	...	...	...	...	...	...	0	0	0	...	...	...
MEX	MEX	142	0	0	2011/12	0	0	0	2008/20	0	98	0	0	0	...
NOA	CAN	...	0	0	2011/50	0	0	0	2011/25	0	0	0	0	0	...
	USA	...	0	27	2012/07	0	0	0	2011/18	0	0	0	0	0	...
SOC	ARG	26	0	0	2011/12	0	0	0	2011/20	0	0	10	0	0	2009/27
	CHL	32	0	0	2011/25	0	0	0	2011/25	0	31	0	0	0	...
	PRY	108	0	0	1998/44	0	0	0	2005/21	12	96	0	0	0	2005/00
	URY	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...
TOTAL		1966	0	68	68	--	0	0	0	--	34	1266	53	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 01-10, 2012

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU		40						
	PER								
	VEN								
	BRA				1				
	CAP								
	CRI								
	GTM								
	HND								
CAR	NIC								
	PAN								
	SLV								
	CAR								
	CUB								
	DOM								
	GLP								
	GUF								
	HTI								
	MTQ								
MEX	PRI								
	CAN								
	NOA								
	USA	7	17		3				
	ARG								
	CHL								
	PRY								
	URY								
	TOTAL	7	57		4				

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-10, 2012

Country	Pending Cases 2011	Cumulative 2012	Week of Onset						
			1-5	6	7	8	9	10	% Pend.Cases
BOL	2	3	2	1	...	...	...	...	23
COL	92	49	23	8	6	9	3	0	24
ECU	55	212	124	35	27	23	3	0	70
PER	59	4	4	...	...	...	...	...	33
VEN	10	13	7	2	1	3	0	0	22
BRA	207	221	107	31	37	23	23	...	32
CRI	17	5	2	0	2	0	1	...	100
GTM	14	13	3	1	3	2	4	0	20
HND	0	1	1	0	0	0	0	0	25
NIC	0	0	0	0	0	0	0	0	0
PAN	6	2	0	2	0	0	0	0	9
SLV	0	0	0	0	0	0	0	0	0
CAR	10	39	38	0	0	0	0	1	100
CUB	0	0	0	0	0	0	0	0	0
DOM	0	8	5	1	0	2	0	0	33
GLP	0	0	0	0	0	0	0	0	0
GUF	0	0	0	0	0	0	0	0	0
HTI	0	8	8	0	0	0	0	...	100
MTQ	0	0	0	0	0	0	0	0	0
PRI	...	...	...	...	...	...	...	...	...
MEX	0	44	39	3	1	1	0	...	31
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	245	26	12	7	2	3	1	1	100
CHL	1	1	0	0	0	1	0	0	3
PRY	0	0	0	0	0	0	0	0	0
URY	4	0	0	0	0	0	0	0	0
TOTAL	722	649	375	91	79	67	35	2	33

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 01-10, 2012

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 (2011/11-2012/10)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	...	...	100	100	70	100	2.2	0.9
	COL	4827	87	66	88	79	86	7.2	2.8
	ECU	2165	53	46	99	90	97	6.2	0.0
	PER	...	...	67	83	89	78	2.8	0.0
	VEN	3283	0	62	95	40	39	2.4	0.0
BRA	BRA	270	82	25	...	99	...	3.9	0.2
	CAP	57	0	0	80	100	75	0.5	0.0
	GTM	1506	0	5	98	80	82	2.2	3.8
	HND	469	93	75	100	100	75	1.0	0.2
	NIC	185	100	96	100	92	100	3.4	1.9
CAR	PAN	214	65	18	91	77	86	8.0	0.0
	SLV	256	0	0	0	0	0	7.1	0.0
	CAR	641	0	87	92	58	83	6.0	0.0
	LAC	150	100	100	100	100	100	10.1	0.0
	DOM	...	...	33	75	41	71	1.2	0.0
MEX	GLP	...	...	...	...	...	...	2.8	...
	GUF	...	...	...	...	...	...	7.5	...
	HTI	90	...	50	100	...	...	0.2	0.0
	MTQ	...	...	...	...	...	...	1.7	...
	PRI	...	...	...	...	...	...	0.0	...
NOA	MEX	11138	...	...	...	...	...	5.8	0.0
	CAN	...	...	...	...	...	...	0.0	...
	USA	...	...	...	...	...	...	0.0	...
	ARG	779	1	12	81	62	5	0.7	0.9
	CHL	0	0	59	94	81	87	2.8	3.6
SOC	PRY	791	85	53	98	97	98	9.3	0.0
	URY	155	...	0	0	0	0	1.6	0.0
Total and Average*		26976	80	46	95	89	85	2.6	0.6

*Weighted

... No report received