

Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization Project/Family and Community Health Area

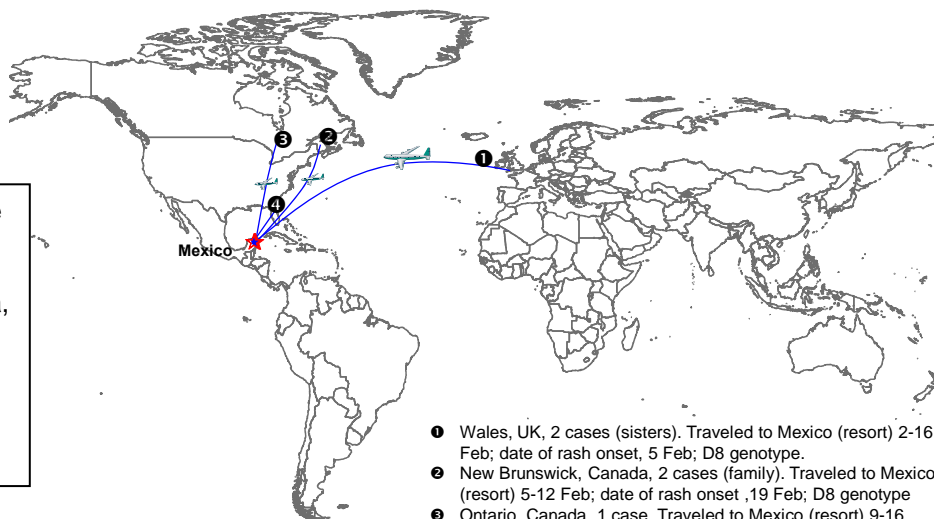
Measles and Rubella Surveillance in the Americas

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Week ending 16 March 2013



Cluster of imported measles cases, The Americas*, 2013**



As of March 21, there have been 6 measles cases linked in the resort in Mexico reported by Canada, US, and the UK. D8 genotype was identified. USA and Canada have reported secondary cases to the importation.

- ❶ Wales, UK, 2 cases (sisters). Traveled to Mexico (resort) 2-16 Feb; date of rash onset, 5 Feb; D8 genotype.
- ❷ New Brunswick, Canada, 2 cases (family). Traveled to Mexico (resort) 5-12 Feb; date of rash onset, 19 Feb; D8 genotype
- ❸ Ontario, Canada, 1 case. Traveled to Mexico (resort) 9-16 Feb; date of rash onset, 1 Mar; D8 genotype.
- ❹ Florida, USA, 1 case. Traveled to Mexico (resort) 4-11 Feb; date of rash onset, 20 Feb.

* Linked in resort Quintana Roo, Mexico, 2013.
** Data as of epidemiological week 11/2013.

Source: Country reports to PAHO/WHO.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-11, 2013

Subregion and Country	Susp. Cases 2013	Measles Confirmed 2013			Year/Week Last Conf. Measles case	Rubella Confirmed 2013			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2013		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRIf		
AND	BOL	6	0	0	0	2000/40	0	0	0	2006/03	0	2	0	...	...	...
	COL	158	0	0	0	2012/05	0	0	0	2012/42	0	142	24	0	0	2005/34
	ECU	0	...	...	...	2012/28	...	...	...	2004/45	0	0	0	...	...	...
	PER	82	0	0	0	2008/18	0	0	0	2006/45	0	75	0	...	...	2007/16
	VEN	11	0	0	0	2012/16	0	0	0	2007/51	0	5	0	0	0	...
BRA	BRA	513	2	3	5	2013/11	0	0	0	2009/41	0	345	8	0	0	2009/34
CAP	CRI	2	0	0	0	2005/22	0	0	0	2001/42	0	0	0	0	...	...
	GTM	39	0	0	0	1998/05	0	0	0	2006/30	9	28	0	0	0	2005/00
	HND	6	0	0	0	1997/29	0	0	0	2004/11	1	5	27	0	0	2001/00
	NIC	31	0	0	0	1994/14	0	0	0	2004/19	0	30	0	0	...	2005/00
	PAN	29	0	0	0	2011/20	0	0	0	2002/48	0	29	0	0	...	...
	SLV	74	0	0	0	2001/19	0	0	0	2006/30	0	0	29	0	0	2001/00
CAR	CAR	14	0	0	0	2011/48	0	0	0	2008/18	0	0	0	...	...	1999/00
LAC	CUB	75	0	0	0	1993/27	0	0	0	2004/06	0	75	0	0	...	...
	DOM	15	0	0	0	2011/18	0	0	0	2006/44	0	15	0	...	...	...
	GLP	1	0	0	0	2011/28	0	0	0	...	0	0	0	0	...	2005/00
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	0	0	0	0	...	...
	HTI	10	0	0	0	2001/39	0	0	0	2006/47	0	1	0	0	...	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	0	0	...	...
	PRI	...	...	...	...	...	...	...	...	...	0	0	0	...	...	...
MEX	MEX	186	0	0	0	2011/12	0	0	0	2012/49	0	160	0	0	...	...
NOA	CAN	...	...	10 ^a	10	2013/11	0	0	0	2012/03	0	0	0	...	...	2011/12
	USA	...	...	17 ^a	17	2013/11	0	1	1	2013/05	0	0	0	...	...	2012/44
SOC	ARG	30	0	0	0	2012/20	0	0	0	2011/20	0	2	12	...	...	2009/27
	CHL	23	0	0	0	2011/25	0	0	0	2011/25	0	12	12	0	0	...
	PRY	183	0	0	0	1998/44	0	0	0	2005/21	72	93	0	0	0	2003/06
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...
TOTAL		1488	2	30	32	--	0	1	1	--	82	1019	112	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 01-11, 2013

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA	2	3						
	CAP								
CAR	CRI								
	GTM								
	HND								
	NIC								
	PAN								
	SLV								
	CAR								
	LAC								
	CUB								
	DOM								
MEX	GLP								
	GUF								
	HTI								
	MTQ								
	PRI								
NOA	MEX				3				
	CAN	4	3						
SOC	USA	11	6						1
	ARG								
	CHL								
	URY								
TOTAL		17	12		3				1

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-11, 2013

Country	Pending Cases 2012	Cumulative 2013	Week of Onset							% Pend.Cases
			1-6	7	8	9	10	11		
BOL	8	4	4	0	0	0	0	0	0	67
COL	26	16	11	2	2	1	0	0	0	10
ECU	78	...	...	...	...	...	...	...	...	...
PER	1	7	4	1	0	0	2	0	0	9
VEN	45	6	6	0	0	0	0	0	0	55
BRA	618	163	68	12	33	28	22	...	...	32
CRI	4	2	2	0	0	0	0	0	0	100
GTM	0	2	2	0	0	0	0	0	0	5
HND	0	0	0	0	0	0	0	0	0	0
NIC	0	1	0	1	0	0	0	0	0	3
PAN	0	0	0	0	0	0	0	0	0	0
SLV	0	14	4	1	1	3	3	2	2	19
CAR	0	14	8	2	3	0	1	0	0	100
CUB	0	0	0	0	0	0	0	0	0	0
DOM	0	0	0	0	0	0	0	0	0	0
GLP	0	1	0	0	0	0	0	0	1	0
GUF	0	0	0	0	0	0	0	0	0	0
HTI	0	9	4	0	4	1	0	0	0	90
MTQ	0	0	0	0	0	0	0	0	0	0
PRI	...	...	...	...	...	...	...	...	...	...
MEX	0	0	0	0	0	0	0	0	0	0
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	164	28	22	1	1	3	1	0	0	93
CHL	2	11	9	1	1	0	0	0	0	48
PRY	3	18	18	0	0	0	0	0	0	10
URY	0	0	0	0	0	0	0	0	0	...
TOTAL		949	296	162	21	45	36	29	3	20

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 01-11, 2013

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 (2012/12-2013/11)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	...	...	100	100	100	67	1.4	0.4
	COL	5030	...	76	93	96	97	4.9	2.7	
	ECU	2184	...	0	0	0	0	1.0	0.5	
	PER	6796	...	69	93	76	68	1.8	0.0	
	VEN	13092	...	82	91	60	50	1.7	0.0	
BRA	BRA	5308	87	99	...	99	...	2.7	0.4	
	CAP	57	...	0	100	50	100	0.7	0.0	
CAR	GTM	1506	0	0	97	79	77	2.3	0.0	
	HND	469	92	67	100	100	100	1.3	5.3	
	NIC	185	5	90	94	74	90	2.2	0.0	
	PAN	217	89	83	100	79	83	3.5	0.1	
	SLV	1173	95	81	76	76	82	5.2	10.2	
	CAR	738	82	29	0	0	0	5.8	0.0	
	LAC	CUB	150	100	100	100	100	100	9.3	0.0
	DOM	108	...	13	93	73	60	1.2	0.0	
	GLP	...	...	...	...	...	...	0.4	...
	GUF	...	...	...	...	...	...	3.5	...
MEX	HTI	100	0	40	90	89	100	1.2	0.1	
	MTQ	...	...	...	...	...	...	0.0	...
	PRI	...	...	...	...	...	...	0.0	...
	MEX	11138	...	99	0	0	0	3.6	0.0	
	NOA	CAN	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	779	0	3	97	66	34	0.6	1.6	
	CHL	569	0	65	83	86	90	1.0	4.2	
	PRY	892	93	69	90	98	82	11.1	0.0	
URY	155	...	0	0	0	0	0.3	0.0		
Total and Average*		50646	88	85	92	92	83	2.9	0.8	

*Weighted

... No report received