



Measles/Rubella Weekly Bulletin

Comprehensive Family Immunization Project/Family and Community Health Area



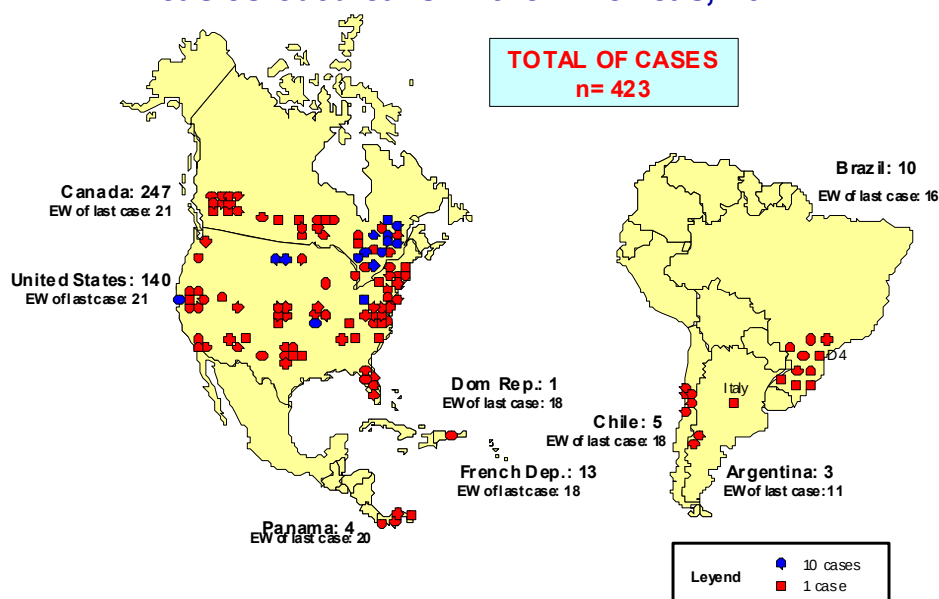
Vol. 17, No. 22

Measles and Rubella Surveillance in the Americas

Week ending
4 June 2011

Measles outbreaks in the Americas, 2011*

Up to epidemiological week 21, a total of 423 measles cases have been reported. Epidemiological investigations and genotyping have confirmed transmission of measles virus from other regions of the world to the countries of the Americas affected by these measles outbreaks. Measles genotypes identified include D4, D8, D9 and B3.



Note: Cases were imported, import-related, or of unknown origin.
*Data until EW 21/2011

Source: Country reports to PAHO, Centers for Disease Control and Prevention and the Public Health Agency of Canada.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-22, 2011

Subregion and Country	Susp. Cases 2011	Measles Confirmed 2011			Year/Week Last Conf. Measles case	Rubella Confirmed 2011			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2011		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CR1*	
AND	BOL	62	0	0	0	00/40	0	0	0	06/03	2	56	...	...	...
	COL	593	0	0	0	02/39	0	0	0	09/18	0	542	102	0	...
	ECU	194	0	0	0	08/21	0	0	0	04/45	14	160	0	0	...
	PER	283	0	0	0	08/18	0	0	0	06/45	0	253	...	...	...
	VEN	21	0	0	0	07/07	0	0	0	10/03	5	7	0	0	...
BRA	BRA	2709	0	10	10	11/19	0	0	0	09/41	0	2161	0	0	...
CAP	COR	0	0	0	0	05/22	0	0	0	01/42	0	0	0	0	...
	ELS	112	0	0	0	01/19	0	0	0	06/30	4	4	46	0	...
	GUT	81	0	0	0	98/05	0	0	0	06/30	2	60	1	0	...
	HON	28	0	0	0	97/29	0	0	0	04/11	1	22	14	0	...
	NIC	42	0	0	0	94/14	0	0	0	04/19	0	42	...	...	...
	PAN	99	0	4	4	11/20	0	0	0	02/48	1	60	0	0	...
CAR	CAR	164	0	0	0	08/21	0	0	0	08/18	0	0	0	0	...
LAC	CUB	529	0	0	0	93/27	0	0	0	04/06	0	529	0	0	...
	DOR	63	0	1	1	11/18	0	0	0	06/44	0	58	0	0	...
	FGU	...	...	...	...	10/15	...	...	...	10/06	...	...	...	...	...
	GUA	...	...	11	11 ^c	11/18	...	...	...	...	...	...	...	...	...
	HAI	...	0	0	0	01/39	0	0	0	06/47	...	...	...	...	...
	MAR	...	...	2	2	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	MEX	1218	0	0	0	06/49	0	0	0	08/20	...	1078	...	...	...
NOA	CAN	...	...	247	247 ^a	11/21	0	0	0	10/17	...	...	1	1 ^b	...
	USA	...	...	140	140 ^a	11/20	0	3	3	11/18	...	...	0	0	...
SOC	ARG	5	...	3	3	11/11	...	3	3	11/05	...	...	0	0	...
	CHI	214	0	5	5	11/16	0	0	0	08/30	0	165	23	0	...
	PAR	265	0	0	0	98/44	0	0	0	05/21	8	257	0	0	...
	URU	0	0	0	0	99/08	0	0	0	01/37	0	0	0	0	...
TOTAL		6682	0	423	423	--	0	6	6	--	37	5454	187	1	0

... No report received; * Congenital Rubella Infection; (a) Provisional data; (b) imported;

(c) Five cases have been notified in the island of Saint Martin (1 import and 4 import-related), For the surveillance of vaccine-preventable diseases, Saint Martin reports cases to Guadeloupe's Regional Agency of Health.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-22, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA	4	3		3				
CAP	COR								
	ELS								
	GUT								
	HON								
	NIC								
CAR	PAN	4							
LAC	CAR								
	CUB								
	DOR	1							
	FGU								
	GUA	3	8						
	HAI								
	MAR	2							
	PUR								
MEX	MEX								
NOA	CAN	19	22		206				
	USA	68	57		15	2	1		
SOC	ARG	1	2						3
	CHI	1	4						
	PAR								
	URU								
TOTAL		103	96		224	2	1		3

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-22, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset							% Pend.Cases
			1-17	18	19	20	21	22		
BOL	0	4	3	0	1	0	...	...	6	
COL	27	51	33	6	4	7	1	0	9	
ECU	1	20	20	...	...	...	...	...	10	
PER	16	30	19	2	2	4	2	1	11	
VEN	2	9	9	...	...	...	...	...	43	
BRA	107	538	337	41	80	58	22	...	20	
COR	0	0	0	...	...	...	...	...	0	
ELS	0	0	0	...	...	...	...	...	0	
GUT	0	19	18	0	1	0	0	0	23	
HON	1	0	0	0	0	0	0	0	0	
NIC	0	0	0	0	0	0	0	0	0	
PAN	1	34	2	0	2	15	5	10	34	
CAR	0	164	129	12	11	3	5	4	100	
CUB	0	0	0	0	0	0	0	...	0	
DOR	3	4	1	0	0	1	2	0	6	
FGU	0	...	...	...	...	...	...	...	...	
GUA	...	...	...	...	...	...	...	...	...	
HAI	21	0	...	...	...	...	...	...	...	
MAR	...	...	...	...	...	...	...	...	...	
PUR	...	...	...	...	...	...	...	...	...	
MEX	0	140	108	10	15	5	0	2	12	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	1	5	5	...	...	...	...	...	100	
CHI	15	44	20	1	7	4	6	5	21	
PAR	1	2	2	0	0	0	0	0	1	
URU	2	0	0	...	...	...	...	...	0	
TOTAL	198	1064	706	72	123	97	43	22	16	

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 01-22, 2011

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 (2010/23-2011/22)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	100	91	89	1.2	0.0
	COL	4827	0	73	90	94	96	4.9	2.6
	ECU ^a	472	...	76	97	94	82	5.0	0.0
	PER	3703	0	77	97	72	72	1.5	0.0
	VEN ^a	3283	...	95	100	76	24	0.7	0.0
BRA	BRA	...	82	94	...	97	...	4.4	0.0
CAP	COR ^a	57	...	0	0	0	0	0.7	0.0
	ELS ^a	893	...	84	100	100	79	4.0	3.8
	GUT ^a	1506	57	93	95	95	85	2.1	0.4
	HON ^a	469	95	71	100	100	89	1.1	1.1
	NIC	185	100	93	100	93	83	1.6	0.0
CAR	PAN ^a	202	78	84	96	96	92	3.8	0.0
LAC	CAR	748	0	60	88	96	88	5.8	0.0
	CUB	444	...	100	100	100	100	9.1	0.0
	DOR	251	0	48	90	71	55	1.4	0.0
	FGU	...	...	...	...	...	...	0.0	...
	GUA	...	...	...	...	...	...	...	...
	HAI	76	...	...	...	...	...	0.1	0.0
	MAR	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...
MEX	MEX	...	15	98	...	...	...	1.3	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG ^a	409	...	20	0	0	0	0.0	0.0
	CHI	569	99	17	76	83	97	1.7	5.7
	PAR ^a	600	90	47	98	86	99	5.9	0.0
	URU ^a	155	...	0	0	0	0	0.4	0.0
Total and Average		21506	81	86	94	94	90	2.9	0.4

... No report received; (a) Countries using ISIS.