



Measles/Rubella Weekly Bulletin

Comprehensive Family Immunization Project/Family and Community Health Area



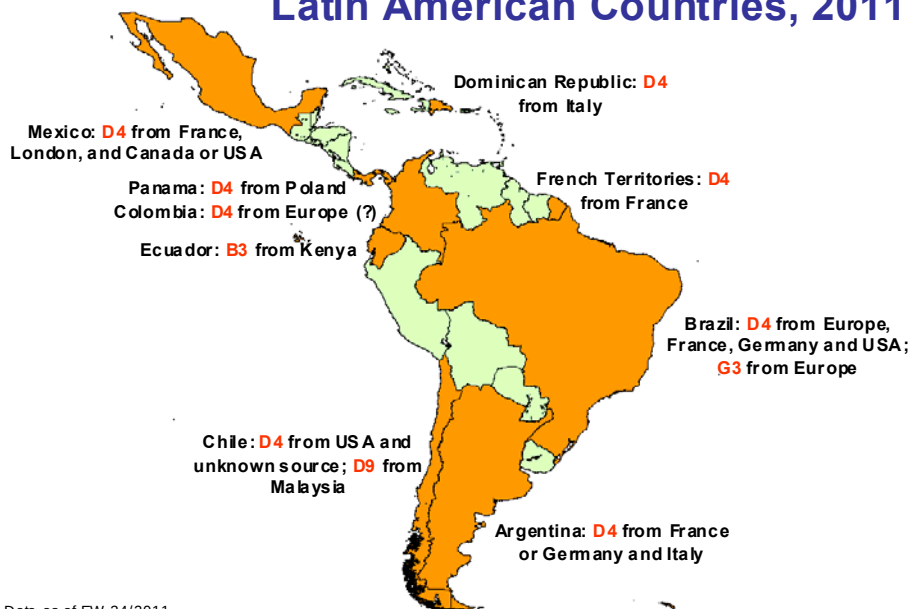
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Measles and Rubella Surveillance in the Americas

Week ending
3 September 2011

Molecular epidemiology tools have allowed for the gentrification of several of the measles viruses isolated from recent cases occurring in Latin America. None of these genotypes is indigenous to the Americas. Countries are encouraged to collect specimens for viral identification of suspected measles cases, particularly from those with recent travel history, contact with foreigners, or without vaccination history.

Measles Genotypes in Selected Latin American Countries, 2011



Data as of EW 34/2011

Source: Country reports to PAHOWHO and CDC Global Measles Laboratory.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-35, 2011

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-52, 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	144	0	0	0	00/40	0	0	0	06/03	2	139	...	...	...	...
	COL	1233	0	4	4	11/35	0	0	0	09/18	0	1135	190	0	...	2005/34
	ECU	452	0	2	2	11/30	0	0	0	04/45	42	270	0	0	0	...
	PER	442	0	0	0	08/18	0	0	0	06/45	2	405	...	...	...	2007/16
	VEN	261	0	0	0	07/07	0	0	0	10/03	34	196	0	0	0	...
BRA CAP	BRA	4851	0	18	18	11/22	0	0	0	09/41	0	4312	0	0	...	2009/34
	COR	9	0	0	0	05/22	0	0	0	01/42	0	5	0	0	0	...
	ELS	198	0	0	0	01/19	0	0	0	06/30	4	194	46	0	0	2001/xx
	GUT	178	0	0	0	98/05	0	0	0	06/30	6	148	0	0	0	2005/00
	HON	51	0	0	0	97/29	0	0	0	04/11	3	44	18	0	0	...
	NIC	115	0	0	0	94/14	0	0	0	04/19	0	109	...	...	...	...
	PAN	210	0	4	4	11/20	0	0	0	02/48	15	173	0	0	0	1999/xx
	CAR	266	0	0	0	08/21	0	0	0	08/18	0	0	0	0	0	...
	CUB	756	0	0	0	93/27	0	0	0	04/06	0	756	0	0	...	...
	DOR	87	0	1	1	11/18	0	0	0	06/44	0	58	0	0	...	...
	FGU	17	0	4	4	11/24	0	0	0	10/06	3	10	...	...	...	...
	GUA	19	0	13	13 ^c	11/28	...	...	...	...	0	6	...	...	...	...
	HAI	20	0	0	0	01/39	0	0	0	06/47	0	5	...	...	...	...
	MAR	8	...	3	3	11/27	...	...	...	...	0	5	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX NOA	MEX	4172	0	3	3	11/31	0	0	0	08/20	0	3825	...	...	...	...
	CAN	...	61	669	730 ^a	11/29	0	1	1	11/25	...	...	1	1 ^b	...	...
SOC	USA	...	...	203	203 ^a	11/34	0	4	4	11/18	...	...	0	0	...	...
	ARG	96	...	3	3	11/12	0	0	0	09/05	0	8	19	0	0	...
	CHI	378	0	6	6	11/16	0	2	2	11/25	0	309	23	0	...	...
	PAR	341	0	0	0	98/44	0	0	0	05/21	5	333	0	0	0	...
	URU	3	0	0	0	99/08	0	0	0	01/37	0	1	0	0	0	...
TOTAL		14307	61	933	994	--	0	7	7	--	116	12446	297	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 01-35, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	1	3						
	COL	1	1						
	ECU								
	PER								
	VEN								
BRA	BRA	7	8		3				
	COR								
	ELS								
	GUT								
	HON								
CAR	NIC	4							
	PAN								
	CAR								
	CUB								
	DOR	1							
MEX	FGU	2	2						
	GUA	7	5		1				
	HAI								
	MAR	2			1				
	PUR								
NOA	MEX	3							
	CAN	13	23		694				1
	USA	103	82		18	2	1		1
SOC	ARG	1	2						
	CHI	3	3			1	1		
	PAR								
	URU								
TOTAL		148	129	0	717	3	2		2

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-35, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset						
			1-30	31	32	33	34	35	% Pend.Cases
BOL	0	3	2	0	0	1	0	...	2
COL	9	95	60	11	15	5	2	2	8
ECU	0	16	15	1	0	0	0	0	4
PER	0	35	35	0	...	...	...	...	8
VEN	0	31	31	0	0	0	0	...	12
BRA	45	521	333	47	64	44	33	...	11
COR	0	4	4	0	0	0	0	...	44
ELS	0	0	0	0	0	0	0	...	0
GUT	0	24	24	0	0	0	0	0	14
HON	0	0	0	0	0	0	0	0	0
NIC	0	6	6	0	0	0	0	...	5
PAN	1	18	8	2	1	4	2	1	9
CAR	0	266	240	3	12	7	4	0	100
CUB	0	0	0	0	0	0	0	0	0
DOR	4	28	28	0	0	0	0	...	32
FGU	0	0	0	0	0	0	0	...	0
GUA	0	0	0	0	0	0	0	...	0
HAI	0	...	...	...	...	...	...	...	...
MAR	0	0	0	0	0	0	0	...	0
PUR	...	...	...	...	...	...	...	...	...
MEX	0	347	289	34	24	0	0	...	8
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	85	85	...	...	...	...	...	89
CHI	16	62	49	1	4	1	1	2	16
PAR	1	2	2	0	0	0	0	...	1
URU	2	2	2	0	0	0	0	...	67
TOTAL	78	1545	1213	99	120	62	42	5	8

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 01-35, 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 (2010/36-2011/35)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	99	99	92	91	1.8	0.0
	COL	4827	0	72	93	91	94	4.7	2.1
	ECU ^a	1633	28	78	99	95	71	5.7	0.0
	PER	3703	...	74	96	74	75	1.5	0.0
	VEN ^a	3283	0	68	96	94	58	1.6	0.0
BRA	BRA	...	80	25	...	99	...	4.3	0.0
	COR ^a	57	...	44	100	56	44	0.5	0.0
	ELS ^a	256	...	76	99	96	80	4.2	3.8
	GUT ^a	1506	82	95	97	97	85	2.1	0.0
	HON ^a	469	95	59	100	100	94	0.9	0.9
CAR	NIC	185	...	86	97	89	85	2.5	0.0
	PAN ^a	214	73	47	92	92	89	6.5	0.0
	CAR ^a	130	0	75	92	96	93	5.2	0.0
	CUB	444	100	100	100	100	100	6.9	0.0
	DOR	251	...	46	90	67	57	1.2	0.0
MEX	FGU	...	...	...	...	...	...	7.5	...
	GUA	...	...	...	...	...	...	4.1	...
	HAI	76	...	...	...	...	...	0.0	0.0
	MAR	...	...	...	...	...	...	2.0	...
	PUR	...	...	...	...	...	...	...	...
NOA	MEX	...	...	98	...	...	...	3.8	0.0
	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG ^a	409	...	6	83	63	41	0.2	0.3
	CHI	569	99	19	79	79	98	2.5	0.9
	PAR	600	...	45	100	85	79	5.9	0.0
	URU ^a	155	...	33	33	100	0	0.5	0.0
Total and Average		21424	78	70	95	94	86	3.4	0.3

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