



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
24 September 2011

During the 51st Directing Council of the Pan American Health Organization (PAHO), Dr. Jon Andrus, PAHO's Deputy Director, launched a special supplement of the *Journal of Infectious Diseases* (JID) on rubella and congenital rubella syndrome (CRS) elimination in the Americas. JID is a prestigious peer-reviewed scientific journal. The supplement is a benchmark in documenting the experiences and the hard-work of countries of the Region to eliminate a disease. Dr. Andrus stated that "when your story is told, it must be grounded in scientific method, rigorously reviewed, and accepted as fact." The elimination of rubella and CRS in the Americas represents a victory of our health care workers, countries, and partnerships.

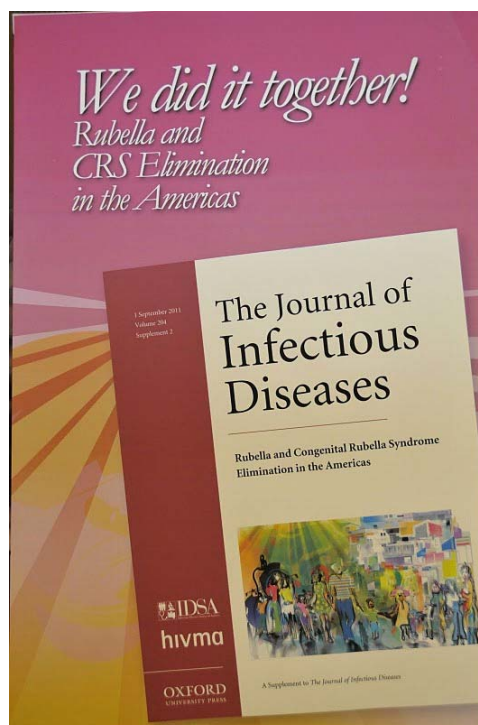


Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-38, 2011

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-36, 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	1484	0	7	7	11/37	0	0	0	09/18	2	1418	204	0	...	2005/34
BRA	ECU	503	0	10	10	11/38	0	0	0	04/45	14	160	0	0	0	...
	PER	513	0	0	0	08/18	0	0	0	06/45	2	477	...	...	...	2007/16
	VEN	392	0	0	0	07/07	0	0	0	10/03	41	270	0	0	0	...
	BRA	5320	0	18	18	11/22	0	0	0	09/41	0	4738	0	0	...	2009/34
	COR	14	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	8	148	0	0	0	2005/00
	HON	54	0	0	0	97/29	0	0	0	04/11	3	49	20	0	0	...
	NIC	144	0	0	0	94/14	0	0	0	04/19	0	135	...	...	...	...
	PAN	218	0	4	4	11/20	0	0	0	02/48	15	183	0	0	0	1999/xx
CAR	CAR	280	0	0	0	08/21	0	0	0	08/18	0	0	0	0	0	...
	CUB	791	0	0	0	93/27	0	0	0	04/06	0	791	0	0	...	...
LAC	DOR	93	0	1	1	11/18	0	0	0	06/44	0	75	0	0	...	...
	FGU	20	0	4	4	11/24	0	0	0	10/06	3	11	...	...	...	...
	GUA	21	0	13	13 ^c	11/28	...	...	...	...	0	6	...	...	...	...
	HAI	20	0	0	0	01/39	0	0	0	06/47	0	5	...	...	...	...
	MAR	9	...	3	3	11/27	...	...	...	...	0	6	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	MEX	4669	0	3	3	11/31	0	0	0	08/20	...	...	...	...	...	...
	CAN	...	61	669	730 ^a	11/29	0	1	1	11/25	...	...	1	1 ^b	...	...
	USA	...	...	213	213 ^a	11/38	0	4	4	11/18	...	...	0	0	...	...
	ARG	128	...	3	3	11/12	0	0	0	09/05	0	19	19	0	0	...
SOC	CHI	392	0	6	6	11/16	0	2	2	11/25	0	365	91	0	0	...
	PAR	385	0	0	0	98/44	0	0	0	05/21	5	376	0	0	0	...
	URU	13	0	0	0	99/08	0	0	0	01/37	0	10	0	0	0	...
TOTAL		15983	61	954	1015	--	0	7	7	--	99	9580	381	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 01-38, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	1	6						
	COL	2	8						
	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	104	90		19	2	1		1
SOC	ARG	1	2						
	CHI	3	3			1	1		
	PAR								
	URU								
TOTAL		150	147		718	3	2		2

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-38, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset							% Pend.Cases
			1-33	34	35	36	37	38		
BOL	0	3	3	0	...	...	...	...	2	
COL	8	57	28	2	7	8	7	5	4	
ECU	0	24	20	0	1	0	3	0	5	
PER	0	34	32	0	0	2	0	...	7	
VEN	0	84	84	0	0	0	0	0	21	
BRA	37	564	373	50	66	44	31	...	11	
COR	0	9	9	0	0	0	0	0	64	
ELS	0	0	0	0	0	0	0	0	0	
GUT	0	22	22	0	0	0	0	0	12	
HON	0	1	0	0	0	1	0	0	2	
NIC	0	9	5	1	1	0	0	0	6	
PAN	1	16	13	1	1	0	0	1	7	
CAR	0	280	265	5	5	5	0	0	100	
CUB	0	0	0	0	0	0	0	0	0	
DOR	3	16	14	0	1	1	0	0	17	
FGU	0	2	1	0	0	1	0	0	10	
GUA	0	2	0	0	0	1	1	0	10	
HAI	0	...	...	...	...	...	...	...	...	
MAR	0	0	0	0	0	0	0	0	0	
PUR	...	...	...	...	...	...	...	...	...	
MEX	0	385	367	10	6	2	0	...	8	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	0	105	104	1	0	0	0	0	82	
CHI	3	20	6	3	1	3	2	3	5	
PAR	1	3	3	0	0	0	0	...	1	
URU	2	2	1	0	1	0	0	0	15	
TOTAL	55	1638	1350	73	90	68	44	9	11	

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 01-38, 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 (2010/39-2011/38)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	99	99	92	91	1,7	0.0
	COL	4827	93	73	94	93	95	4,6	2.3
	ECU ^a	1771	5	74	99	90	67	5,6	0.0
	PER	3703	...	76	97	75	73	1,8	0.0
	VEN ^a	3283	0	70	96	73	46	1,9	0.0
BRA	BRA	...	77	25	...	99	...	4,2	0.0
	COR ^a	57	...	43	100	64	50	0,5	0.0
	ELS ^a	256	0	76	99	96	80	4,0	3.8
	GUT ^a	1506	98	95	98	98	84	1,9	0.0
	HON ^a	469	92	56	100	100	94	0,9	1.0
CAR	NIC	185	100	86	95	84	88	2,8	0.0
	PAN ^a	214	...	47	92	93	90	6,6	0.0
	CAR ^a	130	0	76	99	97	94	4,9	0.0
	CUB	444	...	100	100	100	100	7,0	0.0
	DOR	251	0	47	89	68	53	1,2	0.0
MEX	FGU	...	...	...	...	...	...	8,9	...
	GUA	...	...	...	...	...	...	4,3	...
	HAI	76	...	...	...	...	...	0,2	0.0
	MAR	...	...	...	...	...	...	2,2	...
	PUR	...	...	...	...	...	...	...	...
NOA	MEX	...	...	98	...	...	...	4,3	0.0
	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG ^a	463	0	9	73	67	44	0,3	0.3
	CHI	569	100	20	83	80	98	2,6	0.9
	PAR ^a	600	...	50	100	86	86	6,2	0.0
	URU ^a	155	...	8	15	50	0	0,4	0.0
Total and Average		21616	77	63	95	94	85	3.5	0.3

... No report received

(a) Countries using ISIS