



Measles/Rubella Weekly Bulletin

Comprehensive Family Immunization Project/Family and Community Health Area



Vol. 17, No. 49

Measles and Rubella Surveillance in the Americas

Week ending
10 December 2011

Progress in the Documentation and Verification of Measles, Rubella and CRS – The Americas, December 2011*

During a recent meeting, the International Expert Committee (IEC) congratulated the countries on the progress made on finalizing reports to document the elimination of measles and rubella in their countries. At the request of the IEC, in this final stage, rapid assessment of MR vaccination coverage in high-risk areas, evaluation of the measles, rubella and CRS surveillance systems and the implementation of follow-up campaigns, will be done in collaboration with PAHO.

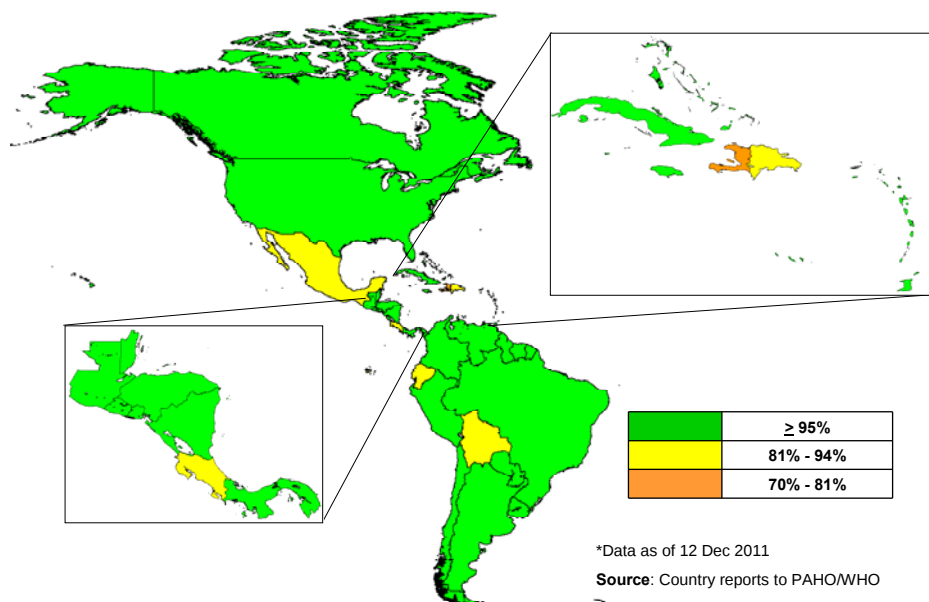


Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-49, 2011

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-48, 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	2000/40	0	0	0	2006/03	2	139	22	0	0	...	
	COL	2810	0	6	6	2011/37	0	0	0	2009/18	3	2619	271	0	0	2005/34	
BRA	ECU	604	0	167	167	2011/48	0	0	0	2004/45	51	378	0	0	0	...	
	PER	820	0	0	0	2008/18	0	0	0	2006/45	8	745	0	0	0	2007/16	
	VEN	510	0	0	0	2007/07	0	0	0	2007/51	61	410	0	0	0	...	
	BRA	7222	0	42	42	2011/42	0	0	0	2009/41	0	6588	59	0	0	2009/34	
	CAP	COR	20	0	0	2005/22	0	0	0	2001/42	0	5	0	0	0	...	
CAR	ELS	331	0	0	0	2001/19	0	0	0	2006/30	4	327	46	0	0	2001/00	
	GUT	253	0	0	0	1998/05	0	0	0	2006/30	20	209	0	0	0	2005/00	
	HON	80	0	0	0	1997/29	0	0	0	2004/11	5	67	36	0	0	2002/00	
	NIC	179	0	0	0	1994/14	0	0	0	2004/19	0	171	0	0	0	...	
	PAN	255	0	4	4	2011/20	0	0	0	2002/48	30	205	0	0	0	...	
	CAR	405	0	1	1	2008/21	0	0	0	2008/18	0	322	0	0	0	1999/00	
	LAC	CUB	1084	0	0	0	1993/27	0	0	0	2004/06	0	1084	0	0	0	...
	DOR	115	1	1	2	2011/18	0	0	0	2006/44	0	75	0	0	0	...	
	FGU	20	0	5	5	2011/26	...	...	...	2010/06	3	12	0	...	...	...	
	GUA	21	0	13	13 ^c	2011/28	0	0	0	...	0	8	0	...	...	2005/00	
MEX	HAI	37	0	0	0	2001/39	0	0	0	2006/47	0	26	0	0	...	...	
	MAR	10	...	3	3	2011/27	...	...	...	...	0	7	0	...	...	...	
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	MEX	6087	0	3	3	2011/12	0	0	0	2008/20	0	5753	0	0	0	...	
	NOA	CAN	0	55	747	802 ^a	2011/46	...	1	1	2011/25	0	0	1	1 ^b	...	...
SOC	USA	0	...	223	223 ^b	2011/20	...	4	4	2011/18	0	0	0	0	0	...	
	ARG	346	0	3	3	2011/12	0	1	1	2011/20	0	67	46	0	0	2009/27	
	CHI	448	0	6	6	2011/25	0	1	1	2011/25	0	411	91	0	0	...	
	PAR	429	0	0	0	1998/44	0	0	0	2005/21	5	423	0	0	0	2005/00	
	URU	41	0	0	0	1999/08	0	0	0	2001/37	0	18	0	0	0	...	
TOTAL		22271	56	1224	1280	--	0	7	7	--	192	20069	572	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 01-49, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	1	5						
	COL	1	166						
	ECU								
	PER								
	VEN								
BRA	BRA	9	24		9				
	COR								
	ELS								
	GUT								
	HON								
CAR	NIC	4							
	PAN	1							
	CAR								
	CUB								
	DOR	2							
MEX	FGU	2	3						
	GUA	7	6						
	HAI								
	MAR	2			1				
	PUR								
NOA	MEX	3							
	CAN	26	4		772				1
	USA	110	89		24	2	1		1
	ARG	1	2						
	CHI	3	3			1	1		
SOC	PAR								
	URU								
TOTAL		172	302		806	3	2		2

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-49, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset						
			1-44	45	46	47	48	49	% Pend.Cases
BOL	0	3	3	...	...	...	...	...	2
COL	1	181	166	10	2	2	0	1	6
ECU	0	49	49	0	0	0	0	...	8
PER	0	66	44	18	4	0	...	...	8
VEN	0	39	39	0	0	0	0	...	8
BRA	17	449	44	28	51	20	449	...	6
COR	0	15	15	0	...	...	...	...	75
ELS	0	0	0	0	0	0	...	...	0
GUT	0	24	24	0	0	0	0	0	9
HON	0	0	0	0	0	0	0	0	0
NIC	0	8	8	0	0	0	0	0	4
PAN	0	16	15	0	1	0	0	...	6
CAR	0	83	61	3	7	3	9	0	20
CUB	0	0	0	0	0	0	0	0	0
DOR	4	38	38	0	0	0	0	0	33
FGU	0	0	0	0	0	0	0	0	0
GUA	0	0	0	0	0	0	0	0	0
HAI	0	11	11	0	0	0	0	...	30
MAR	0	0	0	0	0	0	0	0	0
PUR	...	...	...	...	...	...	...	...	...
MEX	0	331	325	3	1	1	1	...	5
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	253	245	5	3	0	0	0	73
CHI	3	30	21	3	3	2	1	0	7
PAR	1	0	0	0	0	...	...	...	0
URY	0	4	2	1	0	0	1	0	10
TOTAL	26	1600	1110	71	72	28	461	1	7

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 01-49, 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 (2010/50-2011/49)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	0	...	99	99	92	91	1.5	0.8
	COL	4827	93	75	95	90	93	6.4	3.0
	ECU ^a	1773	...	73	99	80	64	4.7	0.0
	PER	0	...	77	94	77	71	2.9	0.0
	VEN ^a	3283	...	69	96	60	54	1.8	0.0
BRA	BRA	270	88	30	...	96	...	3.9	0.2
	COR ^a	57	...	35	90	72	50	0.5	0.0
	ELS ^a	256	...	62	100	91	73	5.4	3.8
	GUT ^a	1506	72	94	99	78	89	1.9	0.0
	HON ^a	469	94	50	100	79	95	1.1	1.8
CAR	NIC	0	100	90	97	89	89	3.1	0.0
	PAN ^a	214	...	44	93	87	91	7.4	0.0
	CAR ^a	130	0	82	88	37	95	4.9	0.0
	CUB	150	100	100	100	100	100	10.7	0.0
	DOR	0	0	43	89	70	57	1.2	0.0
MEX	FGU	...	...	...	...	...	...	8.9	...
	GUA	...	...	...	...	...	...	4.3	...
	HAI	90	...	...	...	...	...	0.2	0.0
	MAR	...	...	...	...	...	...	2.2	...
	PUR	...	...	...	...	...	...	...	...
NOA	MEX	11138	...	99	...	...	...	5.6	0.0
	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	ARG ^a	779	0	7	67	58	35	0.9	0.7
	CHI	569	99	20	81	81	96	2.8	3.6
SOC	PAR ^a	622	...	51	100	80	83	6.8	0.0
	URU ^a	155	0	2	5	50	0	1.2	0.0
Total and Average		26757	89	65	94	88	83	2.5	0.5

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