



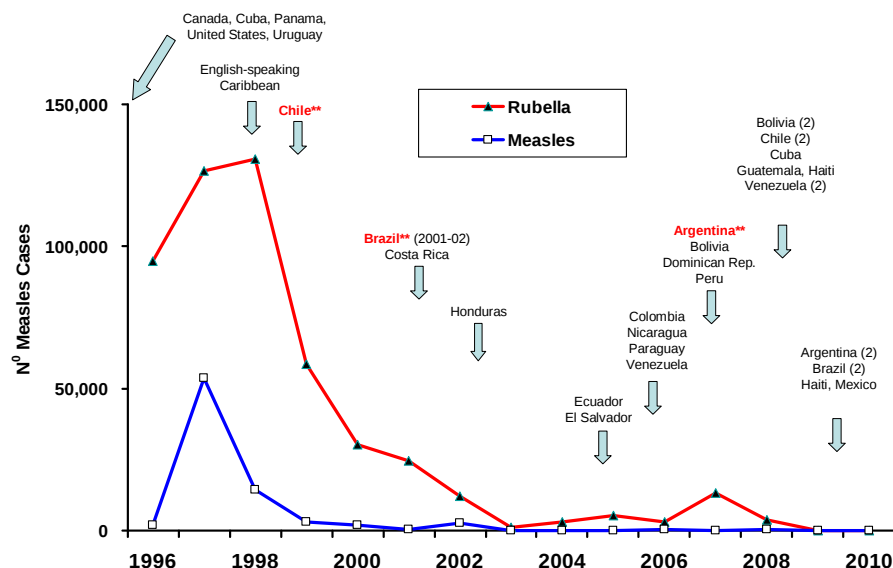
Vol. 16, No. 28

Measles and Rubella Surveillance in the Americas

Week ending
17 July 2010

Rubella Elimination: A Catalyst for Maintaining Measles Elimination

The commitment of the countries to conduct "speed-up" campaigns has ultimately prevented the reestablishment of endemic measles virus transmission in the Region.



* Includes rubella and measles cases reported to PAHO as of epidemiological week 26/2010.
** Countries that implemented "speed-up" campaigns (1st phase) in women only.

Source: Country reports to FCH/IM, PAHO.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-28, 2010

Subregion and Country		Suspect Cases 2010	Measles Confirmed 2010			Year/Week Last Confr. Measles Case	Rubella Confirmed 2010			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2010		Congenital Rubella Syndrome		CRI *
			Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.	
AND	BOL	63	0	0	0	00/40	0	0	0	06/03	0	59	...	0	...
	COL	744	0	0	0	02/39	0	0	0	07/31	1	701	84	0	...
	ECU	324	0	0	0	08/21	0	0	0	04/45	61	262	0	0	...
	PER	289	0	0	0	08/18	0	0	0	06/45	1	225	...	...	...
	VEN	285	0	0	0	07/06	0	0	0	07/34	67	207	...	...	...
BRA	BRA	3876	0	0	0	06/48	0	0	0	09/41	157	2690	0	0	...
	COR	9	0	0	0	05/22	0	0	0	01/42	0	0	0	0	0
	ELS	71	0	0	0	01/19	0	0	0	06/30	9	62	...	...	...
	GUT	134	0	0	0	08/05	0	0	0	06/30	9	125	0	0	0
	HON	91	0	0	0	07/29	0	0	0	04/11	19	67	10	0	0
CAR	NIC	60	0	0	0	04/14	0	0	0	04/19	0	60	...	...	...
	PAN	43	0	0	0	05/49	0	0	0	02/48	0	31	0	0	0
	CAR	204	0	0	0	08/26	0	0	0	08/18	2	141	0	0	...
	CUB	427	0	0	0	03/27	0	0	0	04/06	0	427	0	0	...
	DOR	43	0	0	0	01/23	0	0	0	06/44	0	10	...	...	...
LAC	FGU	23	0	2	2 ^a	10/15	0	1	1 ^a	10/06	11	9	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	9	0	0	0	01/39	0	0	0	06/47	0	3	0	0	...
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	MEX	1935	0	0	0	06/49	0	0	0	08/20	0	1808	0	0	...
	CAN	...	0	90	90 ^a	10/22	0	7	7 ^a	10/17	...	...	...	...	...
	USA	...	0	36	36 ^a	10/27	0	7	7 ^a	10/22	...	...	0	0	...
SOC	ARG	70	0	0	0	09/15	0	0	0	09/05	2	67	1	0	...
	CHI	69	0	0	0	09/07	0	0	0	08/30	0	58	113	0	...
	PAR	234	0	0	0	08/44	0	0	0	05/21	18	216	0	0	...
	URU	0	0	0	0	09/08	0	0	0	01/37	0	0	...	...	...
TOTAL		9003	0	128	128	--	0	15	15	--	357	7228	208	0	0

... No report received; * Congenital rubella infection; (a) Provisional data.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed
Cases for the Period of Weeks 01-28, 2010

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							
CAP	COR							
	ELS							
	GUT							
	HON							
	NIC							
	PAN							
CAR	CAR							
LAC	CUB							
	DOR							
	FGU	1	1		1			
	GUA							
	HAI							
	MAR							
	PUR							
MEX	MEX							
NOA	CAN	5	25	60	2	5		
	USA	23	5	8	5		2	
SOC	ARG							
	CHI							
	PAR							
	URU							
TOTAL		29	31	68	8	5	2	

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-28, 2010

Country	Pending Cases 2009	Cumulative 2010	Week of Rash Onset						
			1-23	24	25	26	27	28	Unkn.
BOL	0	4	2	0	2	0	...	...	
COL	1	42	35	0	5	1	0	1	
ECU	0	1	0	0	1	0	0	0	
PER	2	63	55	8	...	...	...	...	
VEN	0	11	10	0	0	0	0	...	1
BRA	490	1040	913	48	28	28	23	...	
COR	8	9	9	0	0	0	0	0	
ELS	0	0	0	0	0	0	...	...	
GUT	0	0	0	0	0	0	0	0	
HON	0	5	5	0	0	0	0	0	
NIC	0	0	0	0	0	0	0	...	
PAN	1	8	6	0	0	2	0	0	
CAR	0	61	32	8	8	8	4	1	
CUB	0	0	0	0	0	0	0	0	
DOR	0	33	33	0	0	...	...	...	
FGU	0	0	0	...	...	...	...	...	
GUA	...	...	...	...	...	...	...	...	
HAI	2	6	5	0	0	0	0	0	1
MAR	...	...	...	...	...	...	...	...	
PUR	...	...	...	...	...	...	...	...	
MEX	0	0	0	0	0	0	0	...	
CAN	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	
ARG	0	2	2	...	...	...	...	...	
CHI	0	11	4	2	0	2	1	2	
PAR	0	0	0	0	0	0	0	0	
URU	0	0	0	0	0	0	...	...	
TOTAL	501	1296	1111	66	44	41	28	4	2

I: Imported; IR: Import-related; U: Unknown; IN: Indigenous

... No report received

Table No.4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-28, 2010

Subregion and Country		% Sites Reporting Weekly	% Cases with Adequate Investigation	% Cases with Adequate Sample	% Lab Received ≤5 days	% Lab Result ≤4 days	Chains of Transmission With Representative Samples for Viral Isolation	
							Measles	Rubella
AND	BOL	77	100	98	76	63		
	COL	79	76	95	94	93		
	ECU	94	67	99	97	93		
	PER	97	84	92	65	53		
	VEN	85	52	88	68	61		
BRA	BRA	78	69	85	...	...		
CAP	COR	0 ^a	22	89	75	25		
	ELS	...	83	100	94	86		
	GUT	0 ^a	40	100	99	74		
	HON	92	90	99	79	92		
	NIC	100	87	97	92	68		
	PAN	0 ^a	79	98	98	77		
CAR	CAR	99	70	96	40	71		
LAC	CUB	100	100	100	100	100		
	DOR	89	66	100	72	67		
	FGU	...	...	...	...	...		
	GUA	...	...	...	...	...		
	HAI	100	50	56	...	...		
	MAR	...	...	...	...	...		
	PUR	...	...	...	...	...		
MEX	MEX	...	...	...	...	...		
NOA	CAN	...	...	...	...	...		
	USA	...	...	...	...	...		
SOC	ARG	30	20	100	80	100		
	CHI	99	7	78	61	95		
	PAR	89	59	98	80	93		
	URU	53	...	...	...	...		
Total and Average		84	70	90	84	83		

... No report received; (a) ISIS countries reporting only current week.