



Brazil completes the last step to verify the country measles-free!

On 27 September 2010 Brazil became the first country of the Region of the Americas to submit the report verifying the elimination of measles and documenting significant advances in the interruption of endemic rubella virus transmission. The country report was presented to Dr. Mirta Roses Periago, Director of the Pan American Health Organization (PAHO), during the 50th Directing Council meeting currently taking place at PAHO Headquarters in Washington, D.C. This momentous event will support the efforts of other countries to move forward in the process to document and verify measles, rubella, and congenital rubella syndrome elimination.



Table.1

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-38, 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	...	...	...
	COL	1154	0	0	0	02/39	0	0	0	07/31	1	1096	145	0	...	
	ECU	469	0	0	0	08/21	0	0	0	04/45	75	393	1	0	...	
	PER	450	0	0	0	08/18	0	0	0	06/45	1	405	...	...	...
	VEN	483	0	0	0	07/06	0	0	0	07/34	110	305	...	...	...
BRA	BRA	5756	0	14	14	10/33	0	0	0	09/41	505	4071	0	0	...	
	CAP	COR	22	0	0	0	05/22	0	0	0	01/42	0	1	0	0	0
		ELS	71	0	0	0	01/19	0	0	0	06/30	9	62
		GUT	216	0	0	0	98/05	0	0	0	06/30	14	202	0	0	0
		HON	120	0	0	0	97/29	0	0	0	04/11	34	81	10	0	0
		NIC	82	0	0	0	94/14	0	0	0	04/19	0	82
		PAN	59	0	0	0	95/49	0	0	0	02/48	0	46	0	0	0
		CAR	315	0	0	0	08/26	0	0	0	08/18	11	209	0	0	...
		LAC	634	0	0	0	93/27	0	0	0	04/06	0	634	0	0	...
DOR	111	0	0	0	01/23	0	0	0	06/44	0	43	...	...	...
MEX	FGU	23	0	2	2	10/15	0	1	1	10/06	11	9	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	9	0	0	0	01/39	0	0	0	06/47	0	3	0	0	...	
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	MEX	2172	0	0	0	06/49	0	0	0	08/20	0	2007	1	0	...	
	NOA	...	0	92	92 ^a	10/34	0	7	7 ^a	10/17	...	...	...	...	...
	USA	...	0	52	52 ^a	10/34	0	7	7 ^a	10/22	...	...	0	0	...
SOC	ARG	70	0	17	17	10/36	0	0	0	09/05	2	67	1	0	...	
	CHI	92	0	0	0	09/07	0	0	0	08/30	0	82	113	0	...	
	PAR	303	0	0	0	98/44	0	0	0	05/21	18	285	0	0	...	
	URU	8	0	0	0	99/08	0	0	0	01/37	0	3	...	...	...
TOTAL		12682	0	177	177	--	0	15	15	--	791	10145	271	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 01-38, 2010

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA	2	12					
CAP	COR							
	ELS							
	GUT							
	HON							
	NIC							
CAR	PAN							
	CAR							
	LAC							
	CUB							
	DOR							
FGU	1	1		1				
GUA								
HAI								
MAR								
PUR								
MEX	MEX							
NOA	CAN	7	25	60	2	5		
	USA	36	9	7	5		2	
SOC	ARG	2	2	13				
	CHI							
	PAR							
	URU							
TOTAL		48	49	80	8	5	2	

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-38, 2010

Country	Pending Cases 2009	Cumulative 2010	Week of Rash Onset							Unkn.
			1-33	34	35	36	37	38		
BOL	0	4	4	0	0	0	0	0		
COL	0	57	42	4	3	6	1	1		
ECU	0	1	1	0	0	0	0	0		
PER	0	44	44	0	0	0	0	0		
VEN	0	68	63	0	0	0	0	0	5	
BRA	0	1175	1001	102	49	23	...	...
COR	0	21	21	0	...	...	...	...
ELS	0	0	0	0	0	0	0	0		
GUT	0	0	0	0	0	0	0	0		
HON	0	5	3	0	0	2	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	9	8	0	0	0	0	1		
CAR	0	95	60	12	7	7	9	0		
CUB	0	0	0	0	0	0	0	0		
DOR	0	68	59	3	3	1	0	0	2	
FGU	0	0	0	...	...	...	...	...
GUA	...	...	...	...	...	...	...	...
HAI	2	6	5	0	0	0	0	0	1	
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	85	78	0	3	4	0	...		
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	2	2	0	0	0	0	0		
CHI	0	10	9	0	0	1	0	0		
PAR	0	0	0	0	0	0	0	0		
URU	0	0	0	0	0	0	0	0		
TOTAL		2	1650	1400	121	65	44	10	2	8

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 01-38, 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	76	81	93	95	94		
	ECU	93	66	99	97	93		
	PER	97	86	94	67	55		
	VEN	85	60	89	63	67		
BRA	BRA	75	69	85	...	...
CAP	COR	0 ^a	23	73	75	25		
	ELS	...	83	100	94	86		
	GUT	0 ^a	44	100	100	80		
	HON	92	90	98	78	93		
	NIC	100	88	98	91	76		
CAR	PAN	0 ^a	76	98	98	75		
	CAR	99	63	94	36	86		
	LAC	CUB	100	100	100	100	100	
	DOR	84	42	88	57	38		
	FGU	...	...	...	...	...
GUA	...	...	...	...	...
HAI	100	50	56	...	...	
MAR	...	...	...	...	...
PUR	...	...	...	...	...
MEX	MEX	...	...	...	...	...
NOA	CAN	...	...	...	...	...
	USA	...	...	...	...	...
SOC	ARG	30	20	100	80	100		
	CHI	99	13	85	59	91		
	PAR	90	60	98	82	94		
	URU	0 ^a	50	75	83	33		
Total and Average		83	71	90	83	84		

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