



Vol. 16, No. 19

Measles and Rubella Surveillance in the Americas

Week ending
15 May 2010

From 20-26 May 2010, senior EPI staff from the Ministry of Health of China are visiting the Region of the Americas (Washington, D.C. and Brazil). The purpose of the trip is to share the successful experiences and lessons learned during the measles and rubella elimination initiative in the Region.



Table.1

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-19, 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 Dis- carded Cases 2010		Congenital Ru- bella Syndrome		CRI *
			Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.	
AND	BOL	37	0	0	0	00/40	0	0	0	06/03	0	37	...	...	...
	COL	270	0	0	0	02/39	0	0	0	07/31	2	262	50	0	...
	ECU	224	0	0	0	08/21	0	0	0	04/45	49	170	0	0	...
	PER	168	0	0	0	08/18	0	0	0	06/45	1	124	...	...	...
	VEN	192	0	0	0	07/06	0	0	0	07/34	33	158	...	...	...
BRA CAP	BRA	2172	0	0	0	06/48	0	0	0	09/41	157	1068	0	0	...
	COR	6	0	0	0	05/22	0	0	0	01/42	0	0	0	0	0
	ELS	40	0	0	0	01/19	0	0	0	06/30	5	35	...	...	...
	GUT	77	0	0	0	98/05	0	0	0	06/30	4	47	0	0	...
	HON	53	0	0	0	97/29	0	0	0	04/11	11	38	6	0	0
	NIC	42	0	0	0	94/14	0	0	0	04/19	0	42	...	...	...
	PAN	28	0	0	0	95/49	0	0	0	02/48	0	26	0	0	0
	CAR	141	0	0	0	08/26	0	0	0	08/18	2	69	0	0	...
	CUB	102	0	0	0	93/27	0	0	0	04/06	0	84	0	0	...
	DOR	38	0	0	0	01/23	0	0	0	06/44	0	10	...	...	...
	FGU	7	0	0	0	...	0	0	0	...	5	0	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	1	0	0	0	01/39	0	0	0	06/47	0	0	0	0	...
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX NOA	MEX	651	0	0	0	06/49	0	0	0	08/20	0	515	0	0	...
	CAN	...	0	89	89 ^a	10/19	0	6	6	10/13	...	...	...	...	...
SOC	USA	...	0	18	18 ^a	10/17	0	1	1	10/04	...	...	0	0	...
	ARG	70	0	0	0	09/15	0	0	0	09/05	2	67	1	0	...
	CHI	48	0	0	0	09/07	0	0	0	08/30	0	37	60	0	...
	PAR	192	0	0	0	98/44	0	0	0	05/21	16	176	0	0	...
	URU	0	0	0	0	99/08	0	0	0	01/37	0	0	...	...	...
TOTAL		4559	0	107	107	--	0	7	7	--	287	2965	117	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 01-19, 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	PAN							
CAR	CAR							
LAC	CUB							
	DOR							
	FGU							
	GUA							
	HAI							
	MAR							
	PUR							
MEX	MEX							
NOA	CAN	3	25	61	1	5		
	USA	10		8	1			
SOC	ARG							
	CHI							
	PAR							
	URU							
TOTAL		13	25	69	2	5		

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-19, 2010

Country	Pending Cases 2009	Cumulative 2010	Week of Rash Onset						
			1-14	15	16	17	18	19	Unkn.
BOL	0	0	0	0	0	0	0	...	
COL	0	6	6	0	0	0	...	...	
ECU	0	5	1	3	0	1	0	0	
PER	2	43	28	3	4	7	1	...	
VEN	4	1	1	0	0	0	0	0	
BRA	529	1030	674	105	110	93	48	...	
COR	5	6	6	0	...	...	...	...	
ELS	0	0	0	...	...	...	...	...	
GUT	0	26	10	3	8	5	0	...	
HON	0	4	4	0	0	0	0	0	
NIC	0	0	0	0	0	0	0	0	
PAN	1	2	2	0	0	0	0	0	
CAR	0	70	51	4	7	7	1	0	
CUB	0	18	0	0	0	0	0	18	
DOR	1	28	28	0	0	0	0	0	
FGU	0	2	2	...	...	...	...	...	
GUA	...	...	...	...	...	...	...	...	
HAI	2	1	1	...	...	...	...	...	
MAR	...	...	...	...	...	...	...	...	
PUR	...	...	...	...	...	...	...	...	
MEX	0	234	220	11	3	0	...	...	
CAN	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	
ARG	0	2	1	0	0	0	0	1	
CHI	0	11	5	1	1	1	3	0	
PAR	0	0	0	0	0	0	0	0	
URU	0	0	0	0	0	0	0	...	
TOTAL		544	1489	1040	130	133	114	53	19

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 01-19, 2010

Sub-region and Country		% Sites Reporting Weekly	% Cases with Adequate Investigation	% Cases with Adequate Sample	% Lab Received ≤5 days	% Lab Result ≤4 days	% Cases Discarded by Lab	Chains of Transmission With Representative Samples for Viral Isolation	
								Measles	Rubella
AND	BOL	72	100	97	70	59	100		
	COL	79	69	98	90	93	99		
	ECU	94	71	98	95	93	100		
	PER	97	85	94	58	38	98		
	VEN	83	61	71	59	82	73		
BRA	BRA	86	69	85	...	...	100		
CAP	COR	0	0	100	100	50	...		
	ELS	...	78	100	90	90	100		
	GUT	0	26	88	100	60	...		
	HON	92	94	98	85	81	94		
	NIC	100	88	95	93	60	100		
PAN	PAN	70	75	100	100	93	...		
CAR	CAR	99	72	95	45	75	97		
LAC	CUB	100	100	100	100	100	82		
	DOR	87	67	100	74	68	100		
	FGU	...	...	...	...	...	...		
	GUA	...	...	...	...	...	...		
	HAI	100	...	0	...	...	...		
	MAR	...	...	...	...	...	...		
	PUR	...	...	...	...	...	...		
MEX	MEX	...	...	...	...	...	...		
NOA	CAN	...	...	...	...	...	...		
	USA	...	...	...	...	...	...		
SOC	ARG	30	20	100	80	100	100		
	CHI	99	6	79	59	100	100		
	PAR	89	61	98	81	91	100		
	URU	54	...	...	...	...	...		
Total and Average		87	68	89	79	81	98		

... No report received.