

Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization Project/Family and Community Health Area

Measles and Rubella Surveillance in the Americas

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4th International Expert Committee (IEC) Meeting with National Commissions to document and verify the elimination of endemic measles, rubella and congenital rubella syndrome in the Americas.

A meeting of the International Expert Committee (IEC) together with National Commissions to document and verify the elimination of endemic measles, rubella and congenital rubella syndrome in the Americas was held in Washington DC on May 8-9. It was the 4th annual meeting of the IEC, and the 2nd one involving the National Commissions, to follow-up on the process of documenting and verifying the elimination of these diseases. The meeting objectives were: 1) to review progress on documenting and verifying the regional elimination of measles, rubella and congenital rubella syndrome (CRS), including outcomes of the IEC visits to countries; 2) to review approaches for implementing and monitoring the Plan of Action to maintain regional elimination; 3) to discuss measures taken to reduce the impact of virus importations; and 4) to discuss and further work plans for technical cooperation in 2013-2014.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-18, 2013

Subregion and Country	Susp. Cases 2013	Measles Confirmed 2013			Year/Week Last Conf. Measles case	Rubella Confirmed 2013			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2013		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*			
AND	BOL	54	0	0	0	2000/40	0	0	0	2006/03	1	51	10	...	...	...
	COL	405	0	0	0	2012/05	0	0	0	2012/42	2	366	63	0	0	2005/34	
	ECU	0	...	...	...	2012/28	...	...	...	2004/45	0	0	0	...	...	...
	PER	148	0	0	0	2008/18	0	0	0	2006/45	0	136	0	...	...	2007/16
	VEN	32	0	0	0	2012/16	0	0	0	2007/51	2	13	0	0	0	...	
BRA	BRA	1620	3	8	11	2013/17	0	0	0	2009/41	0	1187	38	0	0	2009/34	
	CAP	3	0	0	0	2005/22	0	0	0	2001/42	1	1	0	0	...	...
CAR	GTM	103	0	0	0	1998/05	0	0	0	2006/30	11	90	0	0	0	2005/00	
	HND	17	0	0	0	1997/29	0	0	0	2004/11	2	12	38	0	0	2001/00	
	NIC	58	0	0	0	1994/14	0	0	0	2004/19	0	55	13	0	...	2005/00	
	PAN	47	0	0	0	2011/20	0	0	0	2002/48	0	45	1	0	...	...
	SLV	84	0	0	0	2001/19	0	0	0	2006/30	0	0	31	0	0	2001/00	
	CAR	14	0	0	0	2011/48	0	0	0	2008/18	0	0	0	...	...	1999/00
	LAC	CUB	349	0	0	0	1993/27	0	0	0	2004/06	0	349	0	0
	DOM	20	0	0	0	2011/18	0	0	0	2006/44	0	15	0	...	...	...
MEX	GLP	1	0	0	0	2011/28	0	0	0	...	0	0	0	0	...	2005/00	
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	0	0	0	0	...	...
	HTI	82	0	0	0	2001/39	0	0	0	2006/47	0	1	2	0	...	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	0	0	...	...
	PRI	...	...	...	...	...	...	...	...	...	0	0	0	0	...	...
	MEX	836	0	0	0	2011/12	0	0	0	2012/49	0	736	0	0	...	...
	NOA	CAN	12 ^a	12	2013/13	0	0	0	2012/03	0	0	0	2011/12
SOC	USA	...	...	55 ^a	55	2013/17	0	1	1	2013/05	0	0	0	...	...	2012/44
	ARG	79	0	0	0	2012/20	0	0	0	2011/20	0	10	40	...	...	2009/27
	CHL	51	0	0	0	2011/25	0	0	0	2011/25	0	33	12	0	0	...	
	PRY	255	0	0	0	1998/44	0	0	0	2005/21	116	121	0	0	0	2003/06	
URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...		
TOTAL	4258	3	75	78	--	0	1	1	--	135	3221	248	0	0	--		

*Congenital Rubella Infection; (a) Provisional data;

...No report received



Measles/Rubella Surveillance

Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-18, 2013

Subregion and Country	Measles				Rubella			
	I	IR	CAC	U	I	IR	CAC	U
AND								
BOL								
COL								
ECU								
PER								
VEN								
BRA	2	2		7				
CAP								
CRI								
GTM								
HND								
NIC								
PAN								
SLV								
CAR								
LAC								
CUB								
DOM								
GLP								
GUF								
HTI								
MTQ								
PRI								
MEX								
NOA	3	3		6				
CAN								
USA	20	35						1
SOC								
ARG								
CHL								
PRY								
URY								
TOTAL	25	40		13				1

I: Imported; IR: Import-related; CAC: Country-acquired case
U: Unknown.

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-18, 2013

Country	Pending Cases 2012	Cumulative 2013	Week of Onset							% Pend.Cases
			1-13	14	15	16	17	18		
BOL	6	2	1	1	0	0	0	...	4	
COL	12	37	37	0	0	0	0	...	9	
ECU	78	...	...	...	...	...	...	...	...
PER	1	12	3	2	3	2	2	0	8	
VEN	0	17	17	0	0	0	0	0	53	
BRA	511	415	253	52	53	39	14	4	26	
CRI	0	1	1	0	0	0	...	...	33
GTM	0	2	2	0	0	0	0	0	2	
HND	0	0	0	0	0	0	0	0	0	
NIC	0	3	0	0	0	1	1	1	5	
PAN	1	2	2	0	0	0	0	0	4	
SLV	0	0	0	...	...	...	...	...	0
CAR	0	14	14	0	0	...	...	...	100
CUB	0	0	0	0	0	0	0	...	0	
DOM	0	5	2	2	0	1	0	0	25	
GLP	0	0	0	0	0	0	0	0	0	
GUF	0	0	0	0	0	0	0	0	0	
HTI	0	81	47	5	16	5	7	1	99	
MTQ	0	0	0	0	0	0	0	0	0	
PRI	...	...	...	...	...	...	...	...	...
MEX	0	100	80	5	8	4	3	...	12	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	150	69	54	5	2	4	4	0	87	
CHL	2	18	3	1	1	9	3	1	35	
PRY	3	18	18	0	0	0	0	0	7	
URY	0	...	...	...	...	...	...	...	...
TOTAL	764	796	534	73	83	65	34	7	19	

... No report received

Table 4.

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-18, 2013

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 (2012/19-2013/18)		
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	...	...	98	98	83	96	1.3	0.8
	COL	5029	...	71	95	93	97	4.8	3.0
	ECU	2184	...	...	...	...	...	0.7	0.5
	PER	4783	0	72	95	79	59	1.8	0.0
	VEN	13092	0	75	97	32	26	1.7	0.0
BRA	BRA	13468	80	99	...	99	...	2.7	0.4
CAP	CRI	57	...	0	100	67	100	0.6	0.0
	GTM	1506	12	0	98	74	83	2.4	0.0
	HND	469	96	41	100	71	100	1.2	5.6
	NIC	185	100	91	97	81	90	2.5	0.9
	PAN	219	85	85	100	74	98	3.3	0.3
	SLV	893	...	0	0	0	0	4.3	12.6
CAR	CAR	738	...	29	0	0	0	5.1	0.0
LAC	CUB	150	...	100	100	100	100	11.4	0.0
	DOM	0	0	10	90	55	45	1.0	0.0
	GLP	...	...	...	...	...	...	0.7	...
	GUF	...	...	...	...	...	...	1.3	...
	HTI	100	89	80	100	79	66	1.0	0.2
	MTQ	...	...	...	...	...	...	0.5	...
	PRI	...	...	...	...	...	...	0.0	...
MEX	MEX	11138	...	98	...	...	...	4.3	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	779	0	5	82	62	33	0.7	2.0
	CHL	569	99	62	90	88	94	0.9	3.0
	PRY	892	88	78	91	95	86	10.4	0.0
	URY	155	0	0	0	0	0	0.1	0.0
Total and Average*		56406	76	90	95	93	85	3.0	0.9

*Weighted

... No report received