

Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization Project/Family and Community Health Area

Measles and Rubella Surveillance in the Americas



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Week ending 06 April 2013

Source of measles virus importations to the Americas by WHO region in 2012*

WHO region	Total # of cases	Countries (# of cases)	Genotype identified
African	6	Cameroon (1)	B3
		Uganda (2)	N/A
		Ethiopia (3)	B3
Eastern Mediterranean	11	Afghanistan (3)	B3
		Lebanon (1)	D4
		Pakistan (7)	B3
European	7	France (1)	D4
		Ukraine (1)	
		Spain (1)	D4
		UK (2)	D8
		Romania (1)	D8
South East Asia	4	India (2)	D8, D4
		Thailand (2)	D8
		Hong Kong/Macau/Thailand (1)	N/A
Western Pacific	2	Malaysia/Thailand (1)	D9

It only includes imported cases with known source of infection.

* Data as of Dec 2012. Source: Global Measles and Rubella Lab Network (CDC)

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-14, 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.	CRS*		
AND	BOL	25	0	0	0	2000/40	0	0	0	2006/03	1	20	0	...	...	...
	COL	300	0	0	0	2012/05	0	0	0	2012/42	1	264	35	0	0	2005/34
	ECU	0	...	...	...	2012/28	...	...	...	2004/45	0	0	0	...	...	...
	PER	119	0	0	0	2008/18	0	0	0	2006/45	0	113	0	...	...	2007/16
	VEN	11	0	0	0	2012/16	0	0	0	2007/51	0	5	0	0	0	...
BRA	BRA	965	2	2	4	2013/13	0	0	0	2009/41	0	660	28	0	0	2009/34
CAP	CRI	3	0	0	0	2005/22	0	0	0	2001/42	1	1	0	0	...	...
	GTM	71	0	0	0	1998/05	0	0	0	2006/30	10	59	0	0	0	2005/00
	HND	8	0	0	0	1997/29	0	0	0	2004/11	2	5	30	0	0	2001/00
	NIC	42	0	0	0	1994/14	0	0	0	2004/19	0	40	13	0	...	2005/00
	PAN	35	0	0	0	2011/20	0	0	0	2002/48	0	34	1	0	...	...
	SLV	84	0	0	0	2001/19	0	0	0	2006/30	0	0	31	0	0	2001/00
CAR	CAR	14	0	0	0	2011/48	0	0	0	2008/18	0	0	0	...	...	1999/00
LAC	CUB	130	0	0	0	1993/27	0	0	0	2004/06	0	130	0	0	...	...
	DOM	15	0	0	0	2011/18	0	0	0	2006/44	0	15	0	...	...	...
	GLP	1	0	0	0	2011/28	0	0	0	...	0	1	0	0	...	2005/00
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	0	0	0	0	...	...
	HTI	36	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	...	...	...
MEX	MEX	607	0	0	0	2011/12	0	0	0	2012/49	0	417	0	0	...	...
NOA	CAN	...	...	12 ^a	12	2013/13	0	0	0	2012/03	0	0	0	...	...	2011/12
	USA	...	...	22 ^a	22	2013/13	0	1	1	2013/05	0	0	0	...	...	2012/44
SOC	ARG	48	0	0	0	2012/20	0	0	0	2011/20	0	6	26	...	...	2009/27
	CHL	31	0	0	0	2011/25	0	0	0	2011/25	0	28	12	0	0	...
	PRY	193	0	0	0	1998/44	0	0	0	2005/21	79	96	0	0	0	2003/06
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...
TOTAL		2739	2	36	38	--	0	1	1	--	94	1895	178	0	0	--

*Congenital Rubella Infection; (a) Provisional data;

...No report received

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Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-14, 2013

Subregion and Country	Measles				Rubella			
	I	IR	CAC	U	I	IR	CAC	U
AND								
BOL								
COL								
ECU								
PER								
VEN								
BRA	2	2						
CAP								
CRI								
GTM								
HND								
NIC								
PAN								
SLV								
CAR								
LAC								
CUB								
DOM								
GLP								
GUF								
HTI								
MTQ								
PRI								
MEX								
NOA	3	3		6				
CAN	15	7						1
USA								
SOC								
ARG								
CHL								
PRY								
URY								
TOTAL	20	12		6				1

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-14, 2013

Country	Pending Cases 2012	Cumulative 2013	Week of Onset							% Pend.Cases
			1-9	10	11	12	13	14		
BOL	6	4	3	1	0	...	...	...	16
COL	15	35	20	4	4	5	1	1	12	
ECU	78	...	...	...	...	...	...	...	...
PER	2	7	4	0	0	1	0	2	6	
VEN	45	6	6	0	0	0	0	0	55	
BRA	615	302	152	51	47	29	23	...	31	
CAP										
CRI	0	1	1	0	0	0	0	0	33	
GTM	0	2	2	0	0	0	0	0	3	
HND	0	0	0	0	0	0	0	0	0	
NIC	0	2	1	0	1	0	0	0	5	
PAN	0	1	0	0	0	1	0	0	3	
SLV	0	17	7	2	0	8	...	...	20
CAR										
LAC										
CUB	0	14	13	1	0	0	0	0	100	
CUB	0	0	0	0	0	0	0	0	0	
DOM	0	0	0	0	0	0	0	0	0	
GLP	0	0	0	0	0	0	0	0	0	
GUF	0	0	0	0	0	0	0	0	0	
HTI	0	35	21	8	4	2	0	0	97	
MTQ	0	0	0	0	0	0	0	0	0	
PRI	...	...	...	...	...	...	...	...	...
MEX	0	95	67	9	11	6	2	...	16	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	164	42	35	2	4	1	0	0	88	
CHL	2	3	1	0	0	2	0	0	10	
PRY	3	18	18	0	0	0	0	0	9	
URY	0	...	...	...	...	...	...	...	...
TOTAL	930	584	351	78	71	55	26	3	21	

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 01-14, 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 (2012/15-2013/14)	
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	...	...	100	100	86	95	1.3	0.4
BOL	5029	96	76	93	95	97	5.0	2.7
COL	2184	0	0	0	0	0	0.8	0.5
ECU	0	0	71	95	80	59	1.9	0.0
PER	13092	0	82	91	60	50	1.5	0.0
VEN	13202	83	99	...	99	...	2.7	0.4
BRA	57	0	0	100	67	100	0.7	0.0
CAP	1506	12	0	97	80	85	2.4	0.0
CRI	469	64	50	100	75	100	1.2	5.3
GTM	185	0	86	95	74	90	2.3	0.0
HND	217	83	86	100	77	86	3.4	0.1
NIC	1173	...	80	81	81	81	4.8	10.2
PAN	738	0	29	0	0	0	5.5	0.0
SLV	150	100	100	100	100	100	9.3	0.0
CAR	103	...	13	93	73	60	1.1	0.0
LAC	...	...	...	...	...	...	0.7	...
CUB	...	...	...	...	...	...	1.3	...
DOM	100	0	64	100	67	50	1.4	0.1
GLP	...	...	...	...	...	...	0.0	...
GUF	...	...	...	...	...	...	0.0	...
HTI	11138	0	98	0	0	0	4.5	0.0
MTQ	...	...	...	...	...	...	...	...
PRI	...	...	...	...	...	...	...	...
MEX	...	...	...	...	...	...	...	...
NOA	...	...	...	...	...	...	...	...
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
SOC	779	0	4	88	69	38	0.6	1.6
ARG	569	...	61	87	90	93	1.0	4.2
CHL	892	0	73	90	97	82	10.5	0.0
PRY	155	0	0	0	0	0	0.1	0.0
URY	...	...	...	...	...	...	...	...
Total and Average*	51738	80	88	93	93	83	3.0	0.8

*Weighted

... No report received