

# Measles/Rubella Weekly Bulletin

## Measles Genotypes identified in Confirmed Cases the Americas, 2008-2014\*

Country	2008				2009				2010					2011					2012					2013					2014*					
	D4	D5	D8	H1	B3	D4	H1	B3	D3	D4	D8	D9	G3	H1	B3	D4	D8	D9	G3	H1	B3	D4	D8	D9	B3	D3	D4	D7	D8	D9	H1	B3	D8	H1
Argentina			1			1		3								1																		
Brazil								14	2						24			1			1	1			1			1		81			31	
Canada	1	2	31			8	3	3	8	2	2	34	3	134	4	5					5	1	2		15				34		2	25	5	
Chile															8		1																	
Colombia															6						1							*						
Ecuador	1														45	1							22											
USA	10	7		1	1	26	3	4	3	5	6	7		3	10	63	7	16	9	1	11	4	10	1	11	1	3	1	40	8	5	37	3	1
<b>Total</b>	<b>12</b>	<b>9</b>	<b>32</b>	<b>1</b>	<b>1</b>	<b>35</b>	<b>3</b>	<b>20</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>34</b>	<b>58</b>	<b>236</b>	<b>11</b>	<b>21</b>	<b>10</b>	<b>1</b>	<b>38</b>	<b>8</b>	<b>13</b>	<b>1</b>	<b>27</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>155</b>	<b>8</b>	<b>7</b>	<b>62</b>	<b>39</b>	<b>1</b>

Genotype	B3	D3	D4	D7	D8	D9	G3	H1
Quantity	210	4	306	1	264	40	12	50

\*Source: MeaNS Data until 17 April 2014 and country reports to FGL/IM.

Table 1  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-17, 2014

Subregion and Country	Susp. Cases 2014	Measles Confirmed 2014			Year/Week Last Conf. Measles case	Rubella Confirmed 2014			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2014		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*			
AND	BOL	7	0	0	0	2000/40	0	0	0	2006/03	0	4	0	...	...	...	
	COL	409	0	0	0	2013/25	0	0	0	2012/42	0	393	92	0	0	2005/34	
	ECU	...	...	...	...	2012/28	...	...	...	2004/45	...	...	...	...	...	...	
	PER	115	0	0	0	2008/18	0	0	0	2006/45	0	93	0	0	0	2007/16	
	VEN	92	0	0	0	2012/16	0	0	0	2007/51	7	56	4	...	...	...	
BRA	BRA	1729	5	167	172	2014/14	0	0	0	2009/41	0	1268	17	0	0	2009/34	
	CRI	11	0	0	0	2005/22	0	0	0	2001/42	1	8	0	0	0	...	
	GTM	38	0	0	0	1998/05	0	0	0	2006/30	1	36	1	...	...	2005/00	
	HND	13	0	0	0	1997/29	0	0	0	2004/11	0	0	6	0	0	2001/00	
	NIC	18	0	0	0	1994/14	0	0	0	2004/19	0	7	8	0	0	2005/00	
CAR	PAN	102	0	0	0	2011/20	0	0	0	2002/48	0	100	0	...	...	...	
	SLV	254	0	0	0	2001/19	0	0	0	2006/30	0	7	0	0	0	2001/00	
	CAR	129	0	0	0	2011/48	0	0	0	2008/18	0	118	0	...	...	1999/00	
	LAC	CUB	221	0	0	0	1993/27	0	0	0	2004/06	0	221	0	0	0	...
	DOM	4	0	0	0	2011/18	0	0	0	2006/44	0	4	0	...	...	...	
MEX	GLP	0	0	0	0	2011/28	0	0	0	...	...	...	0	0	0	2005/00	
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	...	...	...	0	0	...	
	HTI	50	0	0	0	2001/39	0	0	0	2006/21	0	44	6	0	0	...	
	MTQ	0	0	0	0	2011/27	0	0	0	...	...	...	...	0	0	...	
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
NOA	MEX	1021	0	2	2	2014/04	0	0	0	2012/49	0	827	0	0	0	...	
	CAN	...	385 <sup>a</sup>	86	471 <sup>b</sup>	2014/17	0	1	1	2014/10	0	0	0	0	0	2011/12	
SOC	USA	...	...	154	154 <sup>b</sup>	2014/16	0	0	0	2013/48	...	...	...	...	...	2012/44	
	ARG	52	0	0	0	2012/20	0	0	0	2011/20	0	33	8	...	...	2009/27	
	CHL	37	0	0	0	2011/25	0	0	0	2011/25	0	25	0	0	0	...	
	PRY	119	0	0	0	1998/44	0	0	0	2005/21	0	107	2	0	0	2003/06	
	URY	...	...	...	...	1999/08	...	...	...	2001/37	...	...	...	...	...	...	
<b>TOTAL</b>	<b>4421</b>	<b>390</b>	<b>409</b>	<b>799</b>	<b>--</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>--</b>	<b>9</b>	<b>3351</b>	<b>144</b>	<b>0</b>	<b>0</b>	<b>--</b>		

\*Congenital Rubella Infection; (a) Provisional data and subject to change. Cases are epidemiologically linked and pending investigation. (b)Provisional data.

...No report received



# Measles/Rubella Surveillance

**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-17, 2014

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
BRA	ECU								
	PER								
CAP	VEN				172				
	BRA								
LAC	CRI								
	GTM								
SOC	HND								
	NIC								
MEX	PAN								
	SLV								
NOA	CAR								
	CUB								
SOC	DOM								
	GLP								
URY	GUF								
	HTI								
URY	MTQ								
	PRI								
URY	MEX				2				
	CAN	17	31		423	1			
URY	USA	62	85		7				
	ARG								
URY	CHL								
	PRY								
URY	URY								
	TOTAL	79	116		604	1	0	0	0

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-17, 2014

Country	Pending Cases 2013	Cumulative 2014	Week of Onset							% Pend.Cases
			1-12	13	14	15	16	17		
BOL	0	3	3	...	...	...	...	...	...	43
COL	37	16	11	3	1	0	1	...	...	4
ECU	...	...	...	...	...	...	...	...	...	...
PER	15	22	11	2	0	3	3	3	...	19
VEN	2	29	27	2	0	0	0	...	...	32
BRA	311	289	0	0	0	0	289	0	...	17
CRI	0	2	1	0	0	0	1	0	...	18
GTM	11	1	1	0	0	...	...	...	...	3
HND	0	0	0	0	0	0	...	...	...	0
NIC	0	11	11	0	0	0	0	0	...	61
PAN	0	2	2	0	0	0	0	0	...	2
SLV	2	220	152	20	17	12	5	14	...	87
CAR	3	11	6	1	1	0	2	1	...	9
LAC	CUB	0	0	0	0	0	0	0	...	0
DOM	0	0	0	0	0	0	0	...	...	0
GLP	0	0	0	0	0	0	...	...	...	0
GUF	0	0	0	0	0	0	...	...	...	0
HTI	0	6	3	1	0	2	0	0	...	12
MTQ	0	0	0	0	0	0	...	...	...	0
PRI	...	...	...	...	...	...	...	...	...	...
MEX	35	1	1	0	0	0	0	0	...	0
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	84	19	19	0	0	0	...	...	...	37
CHL	50	12	12	0	0	0	0	0	...	32
PRY	6	10	7	3	0	0	...	...	...	8
URY	...	...	...	...	...	...	...	...	...	...
TOTAL	556	654	267	32	19	17	301	18	...	15

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 01-17, 2014

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 (2013/18-2014/17)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	...	...	100	100	57	29	0.8	0.5
	COL	5405	...	77	96	92	97	4.7	4.3
BRA	ECU	2184	...	0	0	0	0	0.0	0.0
	PER	...	...	83	91	70	42	1.4	0.0
CAP	VEN	13092	...	88	91	48	44	1.6	0.1
	BRA	12455	86	99	82	82	60	2.9	0.4
LAC	CRI	57	...	18	82	70	50	0.6	0.0
	GTM	1506	...	26	95	62	70	1.8	0.1
SOC	HND	469	...	38	100	92	100	2.0	1.8
	NIC	185	100	44	89	53	60	2.5	2.3
URY	PAN	223	3	94	98	76	90	5.8	0.1
	SLV	893	98	23	33	60	81	7.5	2.5
URY	CAR	759	61	5	84	6	95	4.7	0.0
	CUB	150	100	100	100	100	100	10.5	0.0
URY	DOM	...	...	25	100	100	50	0.7	0.0
	GLP	...	...	...	...	...	...	0.4	...
URY	GUF	...	...	...	...	...	...	0.4	...
	HTI	123	98	90	100	87	54	3.3	2.0
URY	MTQ	...	...	...	...	...	...	0	...
	PRI	...	...	...	...	...	...	...	...
URY	MEX	11138	...	98	0	0	0	3.8	...
	CAN	...	...	...	...	...	...	...	...
URY	USA	...	...	...	...	...	...	...	...
	ARG	779	...	15	94	57	15	0.8	1.2
URY	CHL	569	99	59	64	95	95	1.0	4.2
	PRY	988	...	54	94	94	97	4.9	0.3
URY	URY	155	...	...	...	...	...	0.0	0.0
	TOTAL and Average*	51130	87	85	83	78	71	2.8	0.7

\*Weighted