

Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization Project/Family and Community Health Area

Measles and Rubella Surveillance in the Americas

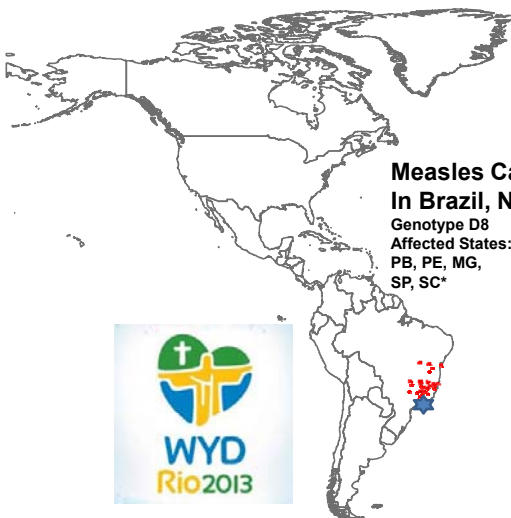


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Week ending 13 July 2013

World Youth Day - WYD Rio 2013 Health Alert

From 23 to 28 July, 2013, the World Youth Day will be celebrated in Rio de Janeiro, Brazil. This event increases the risk of importations of measles and rubella viruses by due to the large influx of people visiting Rio from areas where measles and rubella are still circulating. Independently Brazil has reported 72 confirmed measles cases this year and the outbreak is still ongoing.



Measles Cases In Brazil, N= 72
Genotype D8
Affected States:
PB, PE, MG,
SP, SC*

For this reason, the Pan American Health Organization:

- Recommends that travelers verify that they are vaccinated against measles and rubella to reduce the risk of acquiring disease
- Urges all Member States to strengthen their international travel advisories so that travelers are protected against measles and rubella prior to departure.

*Paraíba (PB), Pernambuco (PE), Minas Gerais (MG), São Paulo (SP), Santa Catarina (SC)

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-28, 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	64	0	0	0	2000/40	0	0	0	2006/03	1	60	19	...	...	...
	COL	952	0	0	0	2012/05	0	0	0	2012/42	8	886	150	0	0	2005/34	
	ECU	0	...	...	...	2012/28	...	...	...	2004/45	0	0	0	...	...	...
	PER	229	0	0	0	2008/18	0	0	0	2006/45	0	216	0	...	...	2007/16
	VEN	118	0	0	0	2012/16	0	0	0	2007/51	14	68	0	0	0	...	
BRA	BRA	2656	0	72	72	2013/27	0	0	0	2009/41	0	2092	63	0	0	2009/34	
	CAP	CRI	12	0	0	0	2005/22	0	0	0	2001/42	2	8	0	0	...	
CAR	GTM	147	0	0	0	1998/05	0	0	0	2006/30	23	120	0	0	0	2005/00	
	HND	29	0	0	0	1997/29	0	0	0	2004/11	6	21	57	0	0	2001/00	
	NIC	97	0	0	0	1994/14	0	0	0	2004/19	4	89	17	0	...	2005/00	
	PAN	79	0	0	0	2011/20	0	0	0	2002/48	0	75	1	0	...	...
	SLV	84	0	0	0	2001/19	0	0	0	2006/30	0	0	0	0	0	2001/00	
	CAR	176	0	0	0	2011/48	0	0	0	2008/18	0	7	0	...	...	1999/00
	LAC	CUB	581	0	0	0	1993/27	0	0	0	2004/06	0	581	0	0
	DOM	36	0	0	0	2011/18	0	0	0	2006/44	0	24	0	...	...	...
	GLP	1	0	0	0	2011/28	0	0	0	...	0	1	0	0	0	...	2005/00
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	0	0	0	0	0
MEX	HTI	221	0	0	0	2001/39	0	0	0	2006/21	0	1	25	0	...	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	0	0	...	...
	PRI	...	...	...	...	...	...	...	...	...	0	0	0	...	...	...
	MEX	2166	0	0	0	2011/12	0	0	0	2012/49	0	2157	0	0	...	...
NOA	CAN	...	1	28 ^a	29	2013/28	0	1	1	2013/15	0	0	0	...	...	2011/12
	USA	...	...	115 ^a	115	2013/24	0	3	3	2013/04	0	0	0	...	...	2012/44
SOC	ARG	127	0	0	0	2012/20	0	0	0	2011/20	0	25	53	...	...	2009/27
	CHL	68	0	0	0	2011/25	0	0	0	2011/25	0	62	73	0	0	...	
	PRY	309	0	0	0	1998/44	0	0	0	2005/21	136	155	0	0	0	2003/06	
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...	
TOTAL	8152	1	215	216	--	0	4	4	--	194	6647	458	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 01-28, 2013

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA				72				
	CAP								
	CRI								
	GTM								
	HND								
CAR	NIC								
	PAN								
	SLV								
	CAR								
	LAC								
	CUB								
	DOM								
	GLP								
	GUF								
	HTI								
MEX	MTQ								
	PRI								
	MEX								
NOA	CAN	7	4		18	1			
	USA	26	89			2			1
SOC	ARG								
	CHL								
	PRY								
	URY								
TOTAL		33	93		90	3			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 01-28, 2013

Country	Pending Cases 2012	Cumulative 2013	Week of Onset							% Pend.Cases
			1-23	24	25	26	27	28		
BOL	6	3	3	...	...	...	...	...	...	5
COL	5	58	43	5	8	2	0	0	0	6
ECU	78	...	...	...	...	...	...	...	...	...
PER	0	13	6	0	1	1	1	4	6	6
VEN	1	35	34	1	0	0	0	...	30	30
BRA	511	538	430	28	31	26	22	1	20	20
CRI	0	2	2	0	0	0	0	0	17	17
GTM	0	4	3	0	1	0	0	0	3	3
HND	0	0	0	0	0	0	0	0	0	0
NIC	0	4	1	1	0	1	1	0	4	4
PAN	1	4	4	0	0	0	0	0	5	5
SLV	0	17	17	...	...	...	...	...	20	20
CAR	0	169	153	4	1	2	8	1	96	96
CUB	0	0	0	0	0	0	0	0	0	0
DOM	0	12	12	0	0	0	0	0	33	33
GLP	0	0	0	0	0	0	0	0	0	0
GUF	0	0	0	0	0	0	0	0	0	0
HTI	0	220	200	8	6	4	2	0	100	100
MTQ	0	0	0	0	0	0	0	0	0	0
PRI	...	...	...	...	...	...	...	...	...	...
MEX	0	9	9	0	0	0	0	0	0	0
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	150	101	100	1	0	0	0	0	80	80
CHL	2	6	3	1	2	0	0	0	9	9
PRY	2	18	18	0	0	0	0	0	6	6
URY	0	0	0	...	...	...	...	...	...	...
TOTAL		756	1213	1038	49	50	36	34	6	15

... No report received

Table 4.

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-28, 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 (2012/29-2013/28)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	...	...	98	98	80	97	1.2	1.1
	COL	5029	0	73	95	91	96	4.7	3.4	
	ECU	2184	...	...	...	...	...	0.3	0.1
	PER	4783	...	78	95	75	57	1.6	0.0	
	VEN	13092	...	74	97	15	17	1.2	0.0	
BRA	BRA	12266	75	99	...	99	...	2.6	0.6	
	CAP	57	0	17	67	67	50	0.7	0.0	
	GTM	1506	11	0	97	74	83	2.1	0.0	
	HND	469	96	41	100	66	100	0.9	5.3	
	NIC	185	100	90	98	89	93	2.6	1.2	
CAR	PAN	219	90	82	99	77	95	3.8	0.3	
	SLV	893	...	0	0	0	0	2.3	12.6	
	CAR	738	41	7	4	29	100	5.0	0.0	
	LAC	CUB	150	100	100	100	100	100	10.2	0.0
	DOM	254	88	8	91	58	56	1.0	0.0	
	GLP	...	...	...	...	...	...	0.7	...
	GUF	...	...	...	...	...	...	0.9	...
	HTI	100	95	85	100	77	65	2.3	0.9	
	MTQ	...	...	...	...	...	...	0.5	...
	PRI	...	...	...	...	...	...	...	...
MEX	MEX	11138	...	99	...	...	...	4.1	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	779	...	8	85	61	41	0.6	2.0	
	CHL	569	...	59	88	89	94	0.9	4.2	
	PRY	921	86	79	92	95	87	9.4	0.0	
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		55487	71	89	91	89	85	2.8	1.0	

*Weighted

... No report received