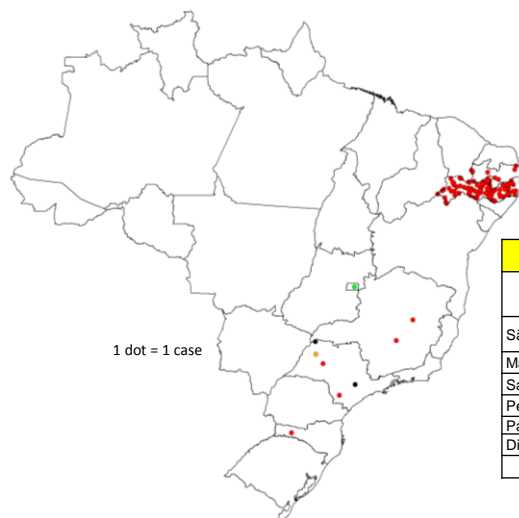


Measles/Rubella Weekly Bulletin



Distribution of confirmed measles cases and genotypes, Brazil, 2013*



Legend
● D8 genotype
● D4 genotype
● B3 genotype
● unknown genotype

Confirmed measles cases in Brazil, 2013*		
States	N° of confirmed cases	Genotype
São Paulo	5	D8 (2); D4 (1), unknown (2)
Mato Grosso del Sur	2	D8
Santa Catarina	1	D8
Pernambuco	98	D8
Paraíba	7	D8
Distrito Federal	1	B3
Total Brazil	114	D8, D4 and B3

*Data updated on 8 October 2013

Source: Country report to PAHO

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-40, 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	83	0	0	0	2000/40	0	0	0	2006/03	1	78	22	...	...	...
	COL	1620	0	1	1	2013/25	0	0	0	2012/42	8	1516	254	0	0	2005/34	
	ECU	0	...	...	...	2012/28	...	...	...	2004/45	0	0	0	...	...	...
	PER	299	0	0	0	2008/18	0	0	0	2006/45	0	281	0	...	...	2007/16
	VEN	167	0	0	0	2012/16	0	0	0	2007/51	21	81	0	0	0	...	
BRA	BRA	3657	0	114	114	2013/35	0	0	0	2009/41	0	3015	89	0	0	2009/34	
	CAP	CRI	19	0	0	0	2005/22	0	0	0	2001/42	3	15	0	0	...	
	GTM	203	0	0	0	1998/05	0	0	0	2006/30	53	145	4	0	0	2005/00	
	HND	116	0	0	0	1997/29	0	0	0	2004/11	76	40	62	0	0	2001/00	
	NIC	126	0	0	0	1994/14	0	0	0	2004/19	5	116	27	0	...	2005/00	
	PAN	104	0	0	0	2011/20	0	0	0	2002/48	0	103	2	0	...	...
	SLV	16	0	0	0	2001/19	0	0	0	2006/30	0	0	0	0	0	2001/00	
	CAR	CAR	268	0	0	0	2011/48	0	0	0	2008/18	0	188	0	1999/00
	LAC	CUB	877	0	0	0	1993/27	0	0	0	2004/06	0	877	0	0
	DOM	48	0	0	0	2011/18	0	0	0	2006/44	0	36	0	...	...	...
MEX	GLP	2	0	0	0	2011/28	0	0	0	...	0	2	...	...	...	2005/00
	GUF	1	0	0	0	2011/26	0	0	0	2010/06	0	1	...	...	...	...
	HTI	312	0	0	0	2001/39	0	0	0	2006/21	0	253	41	0	...	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	...	...	...	...
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	NOA	MEX	3813	0	0	0	2011/12	0	0	0	2012/49	0	3796	0	0
	CAN	...	...	39	39 ^a	2013/40	0	1	1	2013/15	0	0	0	0	...	2011/12
	SOC	USA	166	166 ^a	2013/34	0	6	6	2013/04	0	...	2012/44
ARG	202	0	0	0	2012/20	0	0	0	2011/20	1	77	74	...	...	2009/27	
CHL	82	0	0	0	2011/25	0	0	0	2011/25	0	72	73	0	0	...		
PRY	385	0	0	0	1998/44	0	0	0	2005/21	142	226	1	0	0	2003/06		
URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...		
TOTAL	12400	0	320	320	--	0	7	7	--	310	12826	649	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 01-40, 2013

Subregion and Country	Measles				Rubella			
	I	IR	CAC	U	I	IR	CAC	U
AND								
BOL	1							
COL								
ECU								
PER								
VEN				105				
BRA	4	5						
CAP								
CRI								
GTM								
HND								
NIC								
PAN								
SLV								
CAR								
LAC								
CUB								
DOM								
GLP								
GUF								
HTI								
MTQ								
PRI								
MEX								
NOA	8	22		9	1			
CAN								
USA	52	111		3	4			2
SOC								
ARG								
CHL								
PRY								
URY								
TOTAL	65	138		117	5			2

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-40, 2013

Country	Pending Cases 2012	Cumulative 2013	Week of Onset							% Pend.Cases
			1-35	36	37	38	39	40		
BOL	1	4	4	...	...	...	...	...	...	5
COL	0	95	81	0	4	7	3	0	0	6
ECU	0	...	...	...	...	...	...	...	...	...
PER	0	18	9	5	1	2	1	0	0	6
VEN	0	58	58	0	0	0	0	0	0	35
BRA	0	642	...	...	...	...	...	...	...	18
CRI	0	1	1	0	0	0	0	0	0	5
GTM	0	5	5	0	0	0	0	0	0	2
HND	0	0	0	0	0	0	0	0	0	0
NIC	0	5	5	0	...	...	...	...	...	4
PAN	0	1	1	0	0	0	0	...	...	1
SLV	0	16	16	...	...	...	...	...	...	100
CAR	0	79	64	8	5	1	1	0	0	29
CUB	0	0	0	0	0	0	0	0	0	0
DOM	0	12	12	0	0	0	0	0	0	25
GLP	0	0	0	0	0	0	0	0	0	0
GUF	0	0	0	0	0	0	0	0	0	0
HTI	0	59	35	9	5	6	4	0	0	19
MTQ	0	0	0	0	0	0	0	0	0	0
PRI	...	...	...	...	...	...	...	...	...	...
MEX	0	17	15	0	1	0	1	0	0	0
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	205	123	122	1	0	0	0	...	...	61
CHL	0	10	10	0	0	0	0	...	...	12
PRY	1	17	16	0	0	1	0	0	0	4
URY	0	0	0	...	...	...	...	...	...	0
TOTAL	207	1162	454	23	16	17	10	0	0	9

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 01-40, 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 (2012/41-2013/40)		
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2887	...	99	99	80	92	1.2	1.2
	COL	5029	92	77	93	88	95	4.8	3.7
	ECU	2184	...	...	...	...	...	0.0	...
	PER	7325	...	90	96	77	52	1.5	0.0
	VEN	13092	0	71	86	16	16	0.9	0.0
BRA	BRA	13471	79	99	...	...	...	1.8	0.4
CAP	CRI	57	0	32	74	74	63	0.6	0.0
	GTM	1506	6	0	94	71	83	1.7	0.1
	HND	469	95	37	95	74	97	1.7	3.9
	NIC	185	...	90	98	86	88	2.5	2.0
	PAN	220	...	87	100	72	90	3.9	0.3
	SLV	893	...	0	81	62	92	0.8	10.2
CAR	CAR	719	41	11	3	29	100	4.9	0.0
LAC	CUB	150	100	100	100	100	100	9.6	0.0
	DOM	250	52	6	98	68	62	0.8	0.0
	GLP	...	...	...	...	...	...	0.4	...
	GUF	...	...	...	...	...	...	0.4	...
	HTI	103	78	90	100	81	72	3.1	1.5
	MTQ	...	...	...	...	...	...	...	...
	PRI	...	...	...	...	...	...	0.0	...
MEX	MEX	11138	...	98	...	...	...	3.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	779	...	13	89	61	46	0.6	2.2
	CHL	569	...	59	88	95	95	0.7	3.5
	PRY	930	63	82	94	94	88	8.9	0.1
	URY	155	...	0	0	0	0	0.0	0.0
Total and Average*		62111	76	90	90	81	86	2.4	0.9

*Weighted

... No report received