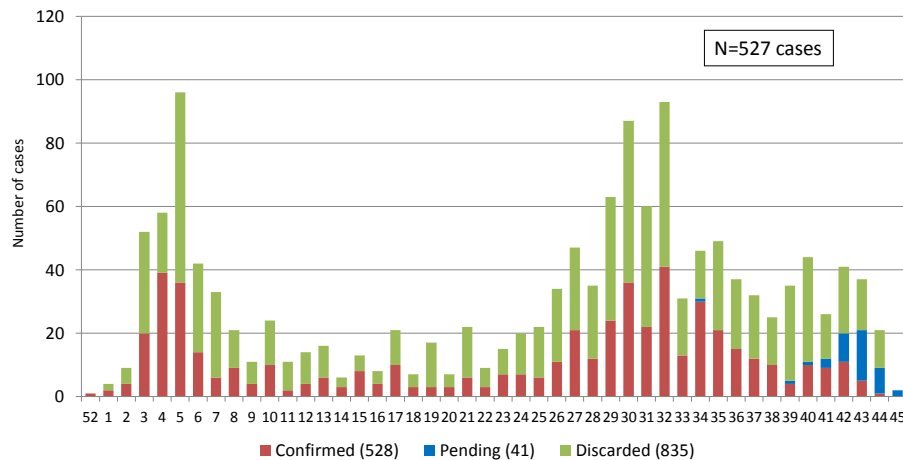


Measles/Rubella Weekly Bulletin

Distribution of confirmed measles cases by epidemiological week, Ceará – Brazil, 2014

As of epidemiological week 45 (ending November 8th), 525 cases have been reported in the northern state of Ceará, Brazil. The outbreak affected 24 of the 184 municipalities, y remains active in Fortaleza (capital). Of the 527 confirmed cases, 42.8% are among adolescents and adults aged 15-39 years old, followed by children less than 1 year of age (25.5%). Genotype identify was D8. The state has intensified the vaccination activities among the affected population by implementing house-to-house vaccination and mobile vaccination posts.



Source: Country reports to FGL-IM.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-45, 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	122	0	0	0	2000/40	0	0	0	2006/03	0	117	0	...	...	...
	COL	1839	0	0	0	2013/25	0	0	0	2012/42	1	1745	329	0	0	2005/34
	ECU	0	...	...	...	2012/28	...	...	...	2004/45	...	...	...	...	...	...
	PER	325	0	0	0	2008/18	0	0	0	2006/45	0	294	0	0	...	2007/16
BRA	VEN	448	0	0	0	2012/16	0	0	0	2007/51	26	389	6	...	...	...
	BRA	5654	85	478	563	2014/44	0	0	0	2009/41	0	4607	59	0	0	2009/34
	CRI	38	0	0	0	2005/22	0	0	0	2001/42	1	33	0	0	...	...
	GTM	227	0	0	0	1998/05	0	0	0	2006/30	9	214	6	...	...	2005/00
CAR	HND	143	0	0	0	1997/29	0	0	0	2004/11	18	123	10	0	0	2001/00
	NIC	114	0	0	0	1994/14	0	0	0	2004/19	2	104	19	0	...	2005/00
	PAN	192	0	0	0	2011/20	0	0	0	2002/48	1	187	0	...	...	...
	SLV	425	0	0	0	2001/19	0	0	0	2006/30	0	383	0	0	...	2001/00
LAC	CAR	445	0	0	0	2011/48	0	0	0	2008/18	1	403	9	...	...	1999/00
	CUB	1001	0	0	0	1993/27	0	0	0	2004/06	0	1001	0	0	...	...
	DOM	54	0	0	0	2011/18	0	0	0	2006/44	0	41	0	...	...	...
	GLP	0	0	0	0	2011/28	0	0	0	...	0	0	...	...	...	2005/00
MEX	GUF	0	0	0	0	2011/26	0	0	0	2010/06	0	0	...	...	...	...
	HTI	108	0	0	0	2001/39	0	0	0	2006/21	0	107	21	0	0	...
	MTQ	1	0	0	0	2011/27	0	0	0	...	0	1	...	...	...	...
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NOA	MEX	4058	0	2	2	2014/04	0	0	0	2012/49	0	3266	0	0	0	...
	CAN	...	385 ^a	127	512 ^b	2014/36	0	1	1	2014/10	...	...	...	...	...	2011/12
	USA	...	...	603	603 ^b	2014/43	0	1	1	2014/16	...	...	...	...	...	2012/44
SOC	ARG	172	0	2	2	2014/36	0	2	2	2014/22	2	124	99	...	...	2009/27
	CHL	195	0	0	0	2011/25	0	0	0	2011/25	0	25	46	0	0	...
	PRY	290	0	0	0	1998/44	0	0	0	2005/21	1	284	4	0	0	2003/06
	URY	9	0	0	0	1999/08	0	0	0	2001/37	0	9	0	...	...	...
TOTAL	15703	470	1212	1682	--	0	4	4	--	62	13457	608	0	0	--	

*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 01-45, 2014

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
PER	ECU								
	VEN								
BRA	BRA				563				
	CRI								
CAP	GTM								
	HND								
NIC	PAN								
	SLV								
CAR	CAR								
	CUB								
LAC	DOM								
	GLP								
GUF	GUF								
	HTI								
MTQ	MTQ								
	PRI								
MEX	MEX				2				
	CAN	25	51		436	1			
NOA	USA	109	487		7	1			
	ARG	2				2			
SOC	CHL								
	PRY								
URY	URY								
	TOTAL	136	538		1008	4	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-45, 2014

Country	Pending Cases 2013	Cumulative 2014	Week of Onset							% Pend.Cases
			1-40	41	42	43	44	45		
BOL	0	5	5	0	...	...	...	...	4
COL	6	93	85	7	1	0	...	...	5
ECU	...	...	...	...	...	...	...	...	...
PER	15	31	29	1	1	0	...	...	10
VEN	0	33	33	0	...	...	...	...	7
BRA	214	484	0	0	0	0	484	0	9	
CRI	0	4	2	0	1	1	...	...	11
GTM	0	4	3	1	0	0	0	0	2	
HND	0	2	1	1	0	0	0	0	1	
NIC	0	8	2	6	0	0	...	...	7
PAN	0	4	4	0	0	0	...	...	2
SLV	0	42	39	2	1	0	0	0	10	
CAR	0	41	25	3	3	7	3	0	9	
CUB	0	0	0	0	0	0	0	0	0	
DOM	0	13	13	0	0	0	0	0	24	
GLP	0	0	0	0	0	0	0	...	0	
GUF	0	0	0	0	0	0	0	...	0	
HTI	0	1	1	0	0	0	0	0	1	
MTQ	0	0	0	0	0	0	0	...	0	
PRI	...	...	...	...	...	...	...	...	...
MEX	0	0	0	0	0	0	0	0	0	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	38	43	43	0	0	0	0	...	25	
CHL	0	13	13	0	0	0	0	0	34	
PRY	0	5	5	0	0	0	0	0	2	
URY	0	0	0	0	0	0	0	0	0	
TOTAL	273	826	303	21	7	8	487	0	5	

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 01-45, 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 (2013/46-2014/45)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3055	...	99	98	72	91	1.4	0.0
	COL	5515	...	77	96	90	98	4.5	3.2
PER	ECU	2184	...	...	...	...	...	...	...
	VEN	13092	...	88	98	65	48	1.7	0.1
BRA	BRA	13472	85	...	71	71	49	2.8	0.3
	CRI	57	...	55	84	73	68	0.9	0.0
CAP	GTM	1506	39	7	93	61	79	1.8	0.1
	HND	469	87	38	97	70	94	2.0	0.5
NIC	PAN	185	...	93	96	94	94	2.2	1.2
	SLV	223	...	96	97	84	89	5.8	0.3
CAR	CAR	719	73	40	82	12	92	6.3	0.6
	CUB	150	100	100	100	100	100	17.2	0.0
LAC	DOM	...	...	7	96	48	57	0.6	0.0
	GLP	...	...	...	...	...	...	0.4	...
GUF	GUF	...	...	...	...	...	...	0.4	...
	HTI	153	...	90	97	87	73	1.3	1.1
MTQ	MTQ	...	...	...	...	...	...	...	...
	PRI	...	...	...	...	...	...	...	...
MEX	MEX	11138	...	98	98	88	82	3.5	0.0
	CAN	...	...	...	...	...	...	...	...
NOA	USA	...	...	...	...	...	...	...	...
	ARG	779	...	18	96	57	28	0.5	1.4
SOC	CHL	808	98	61	86	92	96	0.4	3.5
	PRY	991	89	74	96	95	87	5.1	0.3
URY	URY	155	...	89	78	86	71	0.3	0.0
	TOTAL and Average*	61965	82	84	87	79	71	2.9	0.7

*Weighted