

Measles/Rubella Weekly Bulletin



Days interval between date of rash onset and local notification date of suspected measles and rubella cases Region of the Americas, 2010-2015*

For the period 2010-2015, on average 46% of suspected measles and rubella cases were reported within the first 48 hours after the date of rash onset. Nevertheless, data of local notification was missing on average in 6% of the cases. Timely notification is important for the early implementation of public health measures with the purpose of quickly interrupting circulation of both viruses.

Year	Total number of suspected cases	0-2 days	3-4 days	≥4 days	Cases with no data
2010	7,812	3,645 (47%)	1,530 (20%)	2,469 (32%)	168 (2%)
2011	10,590	5,114 (48%)	1,976 (19%)	2,822 (27%)	678 (6%)
2012	8,231	3,903 (43%)	1,569 (19%)	2,157 (26%)	602 (7%)
2013	6,821	2,927 (43%)	1,402 (21%)	2,101 (31%)	390 (6%)
2014	7,672	3,378 (44%)	1,419 (19%)	2,057 (27%)	818 (11%)
2015	1,993	931 (47%)	394 (20%)	563 (28%)	105 (5%)

Source: Country reports through ISIS, MESS, DEF, and Excel files to FGL-IM/PAHO.

Note: The table only includes suspected measles and rubella cases reported by Latin American and the Caribbean.

*Data as of epidemiological week 21, 2015.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-24, 2015

Subregion and Country	Susp. Cases 2015	Measles Confirmed 2015			Year/Week Last Conf. Measles case	Rubella Confirmed 2015			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2015		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	28	0	0	0	2000/40	0	0	0	2006/03	0	27	0	...	...	...
	COL	816	0	0	0	2013/25	0	0	0	2012/42	0	776	235	0	0	2005/34
	ECU	0	...	...	...	2012/28	...	...	...	2004/45	...	...	...	...	...	...
	PER	204	0	0	0	2008/18	0	0	0	2006/45	0	172	0	0	0	2007/16
	VEN	179	0	0	0	2012/16	0	0	0	2007/51	6	172	2	0	0	...
BRA	BRA	3237	10	143	153	2015/22	0	0	0	2014/40	0	2623	1	0	...	2009/34
	CAP	18	0	0	0	2005/22	0	0	0	2001/42	1	17	0	...	...	...
	GTM	83	0	0	0	1998/05	0	0	0	2006/30	2	80	0	0	0	2005/00
	HND	168	0	0	0	1997/29	0	0	0	2004/11	0	167	5	0	0	2001/00
	NIC	79	0	0	0	1994/14	0	0	0	2004/19	0	75	11	0	...	2005/00
CAR	PAN	39	0	0	0	2011/20	0	0	0	2002/48	0	39	0	0	0	...
	SLV	80	0	0	0	2001/19	0	0	0	2006/30	0	66	0	0	0	2001/00
	CAR	149	0	0	0	2011/48	0	0	0	2008/18	1	138	7	0	0	1999/00
	LAC	620	0	0	0	1993/27	0	0	0	2004/06	0	0	0	0	0	...
	DOM	13	0	0	0	2011/18	0	0	0	2006/44	0	9	0	...	...	...
MEX	GLP	1	0	0	0	2011/28	0	0	0	...	0	1	0	...	...	2005/00
	GUF	1	0	0	0	2011/26	0	0	0	2010/06	0	1	0	...	...	...
	HTI	95	0	0	0	2001/39	0	0	0	2006/21	0	88	7	0	0	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	0	...	...	...
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NOA	MEX	2209	0	1	1	2015/02	0	0	0	2012/49	0	1736	0	0	0	...
	CAN	...	...	195	195 ^a	2015/19	0	0	0	2014/10	...	...	...	...	...	2011/12
SOC	USA	...	...	175	175 ^a	2015/21	...	...	...	2014/16	...	...	...	...	...	2012/44
	ARG	129	0	0	0	2014/36	0	0	0	2014/22	1	48	40	0	0	2009/27
	CHL	268	0	7	7	2015/22	0	0	0	2011/25	0	219	0	0	0	...
	PRY	293	0	0	0	1998/44	0	0	0	2005/21	2	204	0	0	0	2003/06
	URY	1	0	0	0	1999/08	0	0	0	2001/37	0	1	0	0	0	...
TOTAL	8710	10	521	531	--	0	0	0	--	13	6659	308	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 01-24, 2015

Subregion and Country	Measles				Rubella			
	I	IR	CAC	U	I	IR	CAC	U
AND								
BOL								
COL								
ECU								
PER								
VEN				153				
BRA								
CAP								
CRI								
GTM								
HND								
NIC								
PAN								
SLV								
CAR								
LAC								
CUB								
DOM								
GLP								
GUF								
HTI								
MTQ								
PRI								
MEX	1							
NOA	7	168		20				
CAN	81	85		9				
USA								
SOC								
ARG								
CHL	7							
PRY								
URY								
TOTAL	96	253	0	182	0	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-24, 2015

Country	Pending Cases 2014	Cumulative 2015	Week of Onset							% Pend.Cases
			1-19	20	21	22	23	24		
BOL	0	1	1	0	0	0	0	0	4	
COL	8	40	33	1	2	2	1	1	5	
ECU	...	...	...	...	...	...	...	...	...
PER	0	32	10	2	3	3	4	10	16	
VEN	0	1	1	0	0	0	0	0	1	
BRA	431	460	347	11	15	37	32	18	14	
CRI	0	0	0	...	...	...	...	...	0
GTM	2	1	1	0	0	0	0	0	1	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	4	4	0	0	0	0	...	5	
PAN	0	0	0	0	0	0	0	0	0	
SLV	2	14	8	0	3	3	0	0	18	
CAR	0	10	2	1	1	4	2	0	7	
LAC	0	620	464	32	50	24	34	16	100	
CUB	0	4	4	0	0	0	0	...	31	
DOM	0	0	0	0	0	0	0	...	0	
GLP	0	0	0	0	0	0	0	...	0	
GUF	0	0	0	0	0	0	0	...	0	
HTI	4	7	2	1	0	1	2	1	7	
MTQ	0	0	0	0	0	0	0	...	0	
PRI	...	...	...	...	...	...	...	...	...
MEX	0	11	11	0	0	0	0	0	0	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	80	44	4	3	6	13	10	62	
CHL	0	42	1	1	2	4	20	14	16	
PRY	2	87	62	6	11	5	3	0	30	
URY	0	0	0	...	...	...	...	...	0
TOTAL	449	1415	996	59	90	89	111	70	16	

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 01-24, 2015

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 (2014/26-2015/24)		
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	3258	...	100	100	96	81	1.0	0.0
	COL	5458	88	77	95	91	96	5.2	2.6
	ECU	2184	...	...	...	...	...	...	...
	PER	7314	...	77	92	63	43	1.4	0.0
	VEN	13092	...	94	99	77	62	1.6	0.0
...	BRA	13751	98	...	75	75	46	1.7	0.0
CAP	CRI	57	...	67	94	83	72	0.8	0.0
	GTM	1506	85	1	95	58	81	1.5	0.1
	HND	469	90	31	100	73	40	5.5	0.4
	NIC	185	...	96	100	88	93	2.9	0.8
	PAN	224	79	44	100	76	95	3.2	0.3
	SLV	...	...	75	96	91	95	4.3	3.8
CAR	CAR	714	96	40	93	18	66	6.1	1.4
LAC	CUB	168	100	100	100	100	100	11.3	0.0
	DOM	247	...	...	100	8	...	0.2	0.0
	GLP	...	...	...	...	...	...	0.2	0.0
	GUF	...	...	...	...	...	...	0.4	0.0
	HTI	191	99	94	95	84	82	1.4	0.3
	MTQ	...	...	...	...	...	...	0.0	0.0
	PRI	...	...	...	...	...	...	...	...
MEX	MEX	...	0	98	93	89	83	0.0	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	779	...	12	79	73	44	1.1	0.7
	CHL	817	87	39	49	92	93	2.7	0.0
	PRY	999	89	50	67	94	87	6.8	0.3
	URY	155	...	100	100	100	100	0.2	0.0
Total and Average*		51568	95	81	85	82	69	3.1	0.7

*Weighted