

Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization/Family, Gender and Life Course
Measles and Rubella Surveillance in the Americas

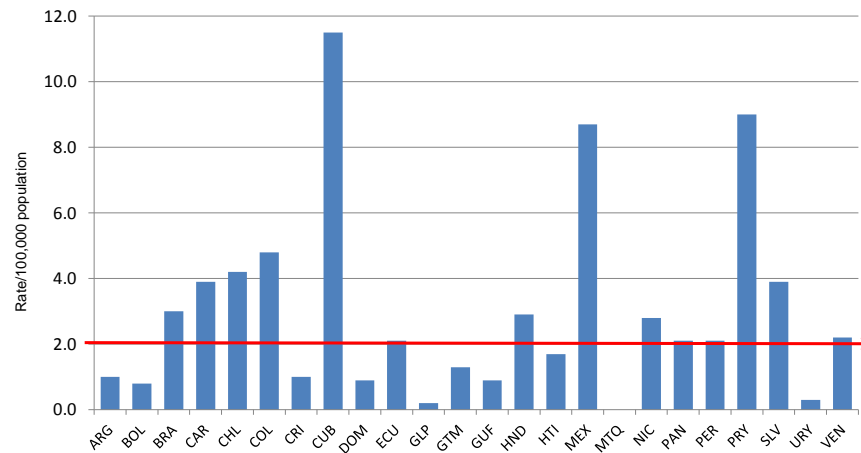


Vol. 22, No. 6

Week ending 13 February 2016

Notification rate of suspected measles and rubella cases per 100,000 population. The Americas, 2015*

Every country should perform the analysis of the notification rate by the subnational level (department, state, province, region or equivalent). In addition, all municipalities or districts in each country, regardless their population size, should at least notify one suspected measles or rubella case annually. There are several febrile-eruptive illnesses, such as Dengue Chikungunya or Zika, which presents compatible symptoms with measles and rubella.



Source: country report to PAHO/WHO.
*Data as of February 16, 2016

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-06, 2016

Subregion and Country	Susp. Cases 2016	Measles Confirmed 2016			Year/Week Last Conf. Measles case	Rubella Confirmed 2016			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2016		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRIS*	
AND	BOL	...	...	...	2000/40	...	...	...	2006/03	...	...	...	...	...	...
	COL	147	0	0	2015/36	0	0	0	2012/42	0	128	54	0	0	2005/34
	ECU	...	...	...	2012/28	...	...	...	2004/45	...	...	...	...	...	...
	PER	15	...	...	2015/25	...	...	...	2006/45	0	9	0	...	...	2007/16
BRA	VEN	3	0	0	2012/16	0	0	0	2007/51	2	1	0	0	0	...
	BRA	129	0	0	2015/32	0	0	0	2014/40	0	53	1	0	0	2009/34
CAP	CRI	0	0	0	2005/22	0	0	0	2001/42	0	0	0	0	0	...
	GTM	17	0	0	1998/05	0	0	0	2006/30	1	16	0	0	0	2005/00
HND	HND	5	0	0	1997/29	0	0	0	2004/11	0	5	4	0	0	2001/00
	NIC	4	0	0	1994/14	0	0	0	2004/19	0	4	4	0	0	2005/00
PAN	PAN	3	0	0	2011/20	0	0	0	2002/48	0	3	0	0	0	...
	SLV	1	0	0	2001/19	0	0	0	2006/30	0	0	0	0	0	2001/00
CAR	CAR	74	0	0	2011/48	0	0	0	2008/18	0	56	0	0	0	1999/00
	LAC	CUB	13	0	0	1993/27	0	0	0	2004/06	0	13	0	0	0
DOM	DOM	0	0	0	2011/18	0	0	0	2006/44	0	0	0	0	0	...
	GLP	0	0	0	2011/28	0	0	0	...	0	0	...	...	...	2005/00
GUF	GUF	0	0	0	2011/26	0	0	0	2010/06	0	0	...	...	...	...
	HTI	2	0	0	2001/39	0	0	0	2006/21	0	1	0	0	0	...
MEX	MTQ	0	0	0	2011/27	0	0	0	...	0	0	...	...	...	...
	MEX	232	0	0	2015/02	0	0	0	2012/49	0	106	0	0	0	...
NOA	CAN	...	...	2	2 ^a	2016/03	0	0	0	2014/10	...	...	...	...	2011/12
	USA	...	...	1	1 ^a	2016/01	...	...	...	2015/00	...	...	...	...	2015/00
SOC	ARG	14	0	0	2014/36	0	0	0	2014/22	0	4	8	0	0	2009/27
	CHL	17	0	0	2015/27	0	0	0	2011/25	0	17	124	0	0	...
PRY	PRY	44	0	0	1998/44	0	0	0	2005/21	0	33	0	0	0	2003/06
	URY	0	0	0	1999/08	0	0	0	2001/37	0	0	0	...	...	...
TOTAL	720	0	3	3	--	0	0	0	--	3	449	195	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 01-06, 2016

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-06, 2016

Country	Pending Cases 2015	Cumulative 2016	Week of Onset							% Pend.Cases
			1	2	3	4	5	6		
BOL	4	...	...	...	...	...	...	...	...
COL	58	19	9	5	5	0	0	0	13	
ECU	42	...	...	...	...	...	...	...	...
PER	40	6	1	1	1	3	0	0	40	
VEN	0	0	0	0	0	0	0	0	0	
BRA	234	75	25	13	17	10	10	0	58	
CRI	3	0	0	0	0	0	0	0	0	
GTM	1	0	0	0	0	0	0	0	0	
HND	0	0	0	0	0	0	0	0	0	
NIC	0	0	0	0	0	0	0	0	0	
PAN	1	0	0	0	0	0	0	0	0	
SLV	13	1	0	1	0	0	0	0	100	
CAR	3	15	1	1	4	3	5	1	20	
LAC	0	0	0	0	0	0	0	0	0	
DOM	48	0	0	0	0	0	0	0	0	
GLP	0	0	0	0	0	0	0	0	0	
GUF	0	0	0	0	0	0	0	0	0	
HTI	8	1	0	0	0	0	1	0	50	
MTQ	0	0	0	0	0	0	0	0	0	
MEX	7	7	2	2	1	2	0	0	3	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	56	10	0	4	1	2	3	0	71	
CHL	23	0	0	0	0	0	0	0	0	
PRY	10	11	0	0	3	2	5	1	25	
URY	0	0	0	0	0	0	0	0	0	
TOTAL	551	145	38	27	32	22	24	2	20	

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 01-06, 2016

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 (2015/07-2016/06)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3459	...	...	...	...	...	0.7	0.0
	COL	5473	91	85	90	93	98	4.5	1.1
	ECU	2184	...	...	...	...	...	1.8	0.0
	PER	7314	...	100	93	79	50	2.2	0.0
	VEN	13092	...	100	100	100	100	2.1	0.1
BRA	BRA	13547	59	...	61	61	47	2.6	0.0
CAP	CRI	57	...	0	0	0	0	0.8	0.0
	GTM	1506	91	24	100	81	88	1.3	0.5
	HND	470	92	100	100	100	100	1.1	0.2
	NIC	185	...	25	100	100	75	2.2	0.3
	PAN	271	75	67	100	67	100	1.9	0.1
	SLV	893	...	100	100	100	0	3.5	3.8
CAR	CAR	714	93	92	96	38	64	4.4	1.4
LAC	CUB	168	100	100	100	100	100	11.0	0.0
	DOM	247	...	0	0	0	0	0.7	0.0
	GLP	...	...	...	...	...	...	0.2	0.0
	GUF	...	...	...	...	...	...	0.9	0.0
	HTI	320	80	100	100	50	50	1.5	1.2
	MTQ	...	...	...	...	...	...	0.0	0.0
MEX	MEX	139	...	91	48	0	0	6.9	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	809	...	14	57	88	63	1.0	0.1
	CHL	817	92	24	88	93	100	4.1	5.0
	PRY	1050	86	64	93	74	77	8.7	0.3
	URY	165	...	0	0	0	0	0.3	0.0
Total and Average*		52741	70	82	72	74	74	3.0	0.5

*Weighted