

Measles/Rubella Weekly Bulletin



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

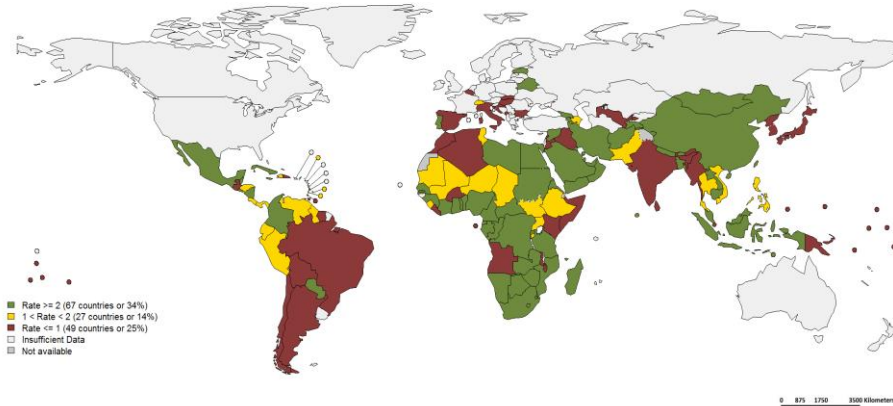
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Surveillance sensitivity reporting rate of measles and rubella
(12 months, discarded cases* per 100,000 population)

- The Region is showing measles outbreaks in Venezuela, Guatemala, Brazil, Antigua, Canada and United States.
- The sensitivity of measles/rubella surveillance has lowered in many countries in South America.
- It is urgent that countries form rapid response teams and plans, increase their vaccination coverage for two doses of the MMR vaccine and strengthen epidemiological surveillance, to avoid the reestablishment of endemic transmission of the measles/rubella virus in the Region of the Americas.



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Based on data received 2018-01 and covering the period between 2016-12 and 2017-11 - Target: ≥ 2 discarded cases* / 100,000 population** - * Suspected cases investigated and discarded as non-measles non-rubella using laboratory testing and/or epidemiological linkage to another etiology ** World population prospects, 2017 revision

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-07, 2018

Subregion and Country	Susp. Cases 2018	Measles Confirmed 2018			Year/Week Last Conf. Measles case	Rubella Confirmed 2018			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2018		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	0	0	0	0	2000-40	0	0	0	2006-03	0	0	0	0	0	...
	COL	67	0	0	0	2015-35	0	0	0	2012-31	0	63	50	0	0	2005/34
	ECU	0	0	0	0	2016-14	0	0	0	2004-49	0	0	0	0	0	2011/14
	PER	24	0	0	0	2015-25	0	0	0	2009-04	0	15	0	0	0	2007/16
	VEN	27	0	20	20	2018-03	0	0	0	2007-51	0	6	0	0	0	...
BRA	BRA	75	0	0	0	2015-32	0	0	0	2014-40	0	49	4	0	0	2009/34
CAP	CRI	0	0	0	0	2014-09	0	0	0	2001-39	0	0	1	0	0	...
	GTM	91	0	1	1	2018-03	0	0	0	2006-31	1	74	2	0	0	2005/00
	HND	43	0	0	0	1998-16	0	0	0	2004-11	0	38	2	0	0	2001/00
	NIC	50	0	0	0	...	0	0	0	2004-19	0	28	6	0	0	2005/00
	PAN	7	0	0	0	2011-20	0	0	0	2002-48	0	5	3	0	0	...
	SLV	42	0	0	0	2001-19	0	0	0	2006-30	0	29	0	0	0	2001/00
CAR	CAR	42	0	1	1	2018-03	0	0	0	2008-18	0	16	61	0	0	1999/00
LAC	CUB	0	0	0	0	1993-27	0	0	0	2004-06				0	0	1989/10
	DOM	0	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
	HTI	27	0	0	0	2001-39	0	0	0	2006-21	0	0	2	0	0	...
MEX	MEX	243	0	0	0	2015-02	0	0	0	2017-19	0	178	0	0	0	...
NOA	CAN	...	...	3	3	2018-07	...	...	...	2016-06	0	0	0	...	...	2015/50
	USA	...	...	9	9	2018-03	...	...	...	2017-16	0	0	0	...	...	2017/00
SOC	ARG	1	0	0	0	2017-17	0	0	0	2014-22	0	0	1	0	0	2009/27
	CHL	15	0	0	0	2015-27	0	0	0	2011-25	0	10	0	0	0	...
	PRY	83	0	0	0	1998-44	0	0	0	2005-21	0	81	0	0	0	2003/06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		837	0	34	34	--	0	0	0	--	1	592	132	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 01-07, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN		20						
BRA	BRA								
	CAP								
	CRI								
	GTM	1							
	HND								
CAR	NIC								
	PAN								
	SLV								
	LAC	1							
	CUB								
MEX	DOM								
	HTI								
	MEX				1				
NOA	CAN	2							
	USA	4	5						
SOC	ARG								
	CHL								
	PRY								
	URY								
TOTAL		8	25		1	0	0	0	0

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 01-07, 2018

Country	Pending Cases 2016	Cumulative 2017	Week of Onset							% Pend. Cases
			1-2	3	4	5	6	7		
BOL	5	...	...	...	...	...	...	...	...	...
COL	14	4	1	0	0	2	1	0	6	6
ECU	4	...	...	...	...	...	...	...	...	...
PER	6	9	2	0	1	1	2	3	38	38
VEN	11	1	1	0	0	0	0	0	4	4
BRA	27	26	10	4	3	7	2	0	35	35
CAP	5	0	0	0	0	0	0	...	0	0
CRI	31	15	1	3	6	1	4	0	16	16
GTM	6	5	1	1	0	2	1	0	12	12
HND	0	22	0	0	7	6	7	2	44	44
NIC	0	2	0	0	1	1	...	...	29	29
PAN	4	13	0	1	4	5	3	0	31	31
SLV	1	25	0	0	1	9	14	1	60	60
CAR	0	0	0	...	...	...	...	...	0	0
LAC	242	0	0	0	0	0	...	...	0	0
CUB	28	27	4	12	3	6	1	1	100	100
DOM	554	65	12	4	7	13	14	15	27	27
HTI	...	...	...	...	...	...	...	...	...	...
MEX	...	...	...	...	...	...	...	...	...	...
CAN	83	1	1	0	0	0	0	...	100	100
USA	5	5	0	2	1	1	1	0	33	33
ARG	0	2	0	0	2	0	0	0	2	2
CHL	0	...	...	...	...	...	...	...	...	...
PRY	0	...	...	...	...	...	...	...	...	...
URY	0	...	...	...	...	...	...	...	...	...
TOTAL		1026	222	33	27	36	54	50	22	27

... No report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-07, 2018

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 (2017/08-2018/07)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3514	...	...	...	...	...	0.4	0.0
	COL	5252	95	81	100	91	96	2.4	0.8
	ECU	2184	...	...	...	...	...	1.1	0.0
	PER	7771	...	75	92	73	50	0.9	0.0
	VEN	13092	...	100	96	73	92	2.9	0.6
BRA	BRA	6793	49	0	72	72	61	0.0	0.0
	CAP	57	...	0	0	0	0	1.6	26.1
	CRI	1541	98	0	100	80	99	1.5	0.1
	GTM	470	91	47	100	91	100	2.4	2.3
	HND	185	100	98	100	100	94	4.2	3.2
CAR	NIC	324	...	86	100	71	100	1.2	0.5
	PAN	1266	...	74	88	97	86	4.6	0.0
	SLV	769	74	95	95	10	20	2.4	6.9
	LAC	...	...	...	...	...	...	12.3	0.0
	CUB	247	...	0	0	0	0	3.1	0.0
MEX	DOM	652	89	100	96	0	0	1.5	0.9
	HTI	20146	...	98	98	88	83	2.5	0.0
	MEX	...	...	...	...	...	...	...	...
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	0	0	0	0.7	1.6
	CHL	779	78	20	67	100	90	0.9	12.2
	PRY	1168	92	81	100	93	96	7.8	0.3
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		67149	20	84	97	76	76	1.6	0.6

*Weighted

... No report received