

Measles/Rubella Weekly Bulletin



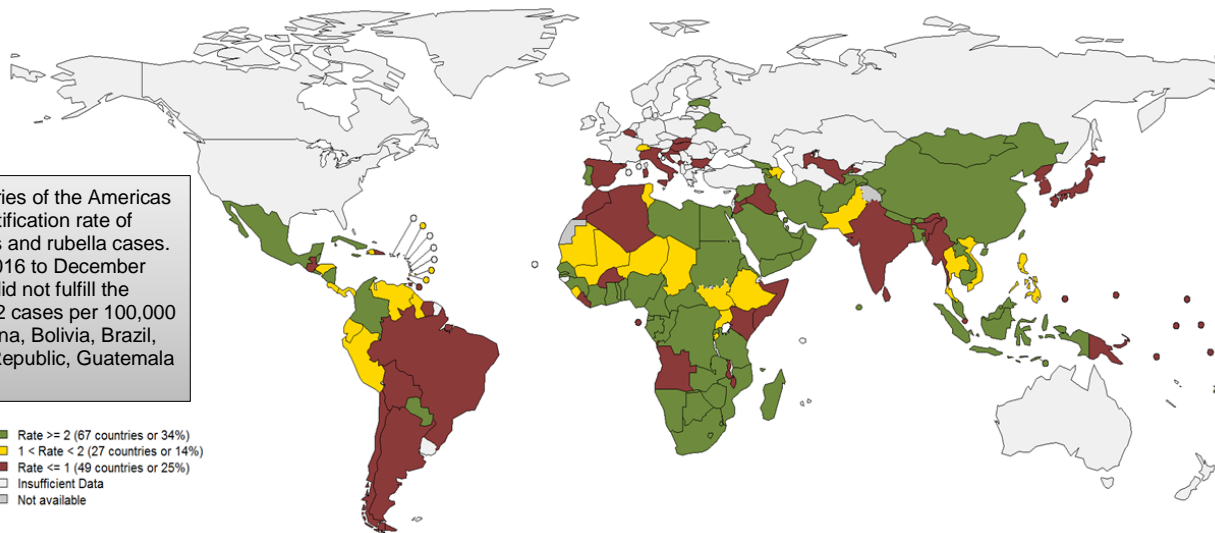
Comprehensive Family Immunization/Family, Gender and Life Course
Measles and Rubella Surveillance in the Americas



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Week ending 20 January 2018

Surveillance sensitivity reporting rate of measles and rubella by countries December 2016 to November 2017



We urge the countries of the Americas to improve their notification rate of suspected measles and rubella cases. From November 2016 to December 2017, 7 countries did not fulfill the notification rate of 2 cases per 100,000 population: Argentina, Bolivia, Brazil, Chile, Dominican Republic, Guatemala and Suriname.

- Rate ≥ 2 (67 countries or 34%)
- 1 < Rate < 2 (27 countries or 14%)
- Rate ≤ 1 (49 countries or 25%)
- Insufficient Data
- Not available

Countries that have eliminated measles and rubella are not maintaining a sensitive surveillance system



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Data source: IVB Database

Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-03, 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	1	0	0	0	2015-35	0	0	0	2012-31	0	1	10	0	0	2005/34
	ECU	0	0	0	0	2016-14	0	0	0	2004-49	0	0	0	0	0	2011/14
	PER	3	0	0	0	2015-25	0	0	0	2009-04	0	2	0	0	0	2007/16
	VEN	2	0	2	2	2018-01	0	0	0	2007-51	0	0	0	0	0	...
BRA	BRA	17	0	0	0	2015-32	0	0	0	2014-40	0	7	2	0	0	2009/34
	CAP	0	0	0	0	2014-09	0	0	0	2001-39	0	0	1	0	0	...
CAR	GTM	0	0	0	0	1998-05	0	0	0	2006-31	0	0	2	0	0	2005/00
	HND	3	0	0	0	1998-16	0	0	0	2004-11	0	3	1	0	0	2001/00
	NIC	4	0	0	0	...	0	0	0	2004-19	0	2	1	0	0	2005/00
	PAN	0	0	0	0	2011-20	0	0	0	2002-48	0	0	3	0	0	...
	SLV	0	0	0	0	2001-19	0	0	0	2006-30	0	0	0	0	0	2001/00
	CAR	7	0	0	0	...	0	0	0	1997-17	0	7	0	0	0	1999/00
	LAC	CUB	0	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0
MEX	DOM	0	0	0	0	2001-39	0	0	0	2006-21	0	0	0	0	0	...
	HTI	0	0	0	0	2015-02	0	0	0	2017-19	0	0	0	0	0	...
NOA	MEX	75	0	0	0	2000-40	0	0	0	2006-03	0	50	0	0	0	...
	CAN	...	0	0	0	2017/36	0	0	0	2016/06	...	...	...	...	...	2015/50
SOC	USA	...	0	0	0	2017/40	0	0	0	2017/16	...	...	...	...	...	2017/00
	ARG	1	0	0	0	2017-17	0	0	0	2014-22	0	0	1	0	0	2009/27
	CHL	5	0	0	0	2015-27	0	0	0	2011-25	0	3	0	0	0	...
	PRY	20	0	0	0	1998-44	0	0	0	2005-21	0	20	0	0	0	2003/06
	URY	0	0	0	0	...	0	0	0	2001-37	0	0	0	0	0	...
TOTAL	138	0	2	2	--	0	0	0	--	0	95	21	0	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 01-03, 2018

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

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-03, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset			
			1	2	3	% Pend. Cases
BOL	5	0	0	0	0	0
COL	16	0	0	0	0	0
ECU	4	0	0	0	0	0
PER	5	1	1	0	0	33
VEN	7	0	0	0	0	0
BRA	163	15	10	5	0	88
CRI	5	0	0	0	0	0
GTM	31	0	0	0	0	0
HND	5	0	0	0	0	0
NIC	0	2	1	1	0	50
PAN	0	0	0	0	0	0
SLV	19	0	0	0	0	0
CAR	1	0	0	0	0	0
CUB	0	0	0	0	0	0
DOM	202	0	0	0	0	0
HTI	25	0	0	0	0	0
MEX	554	25	2	12	11	33
CAN	...	...	...	...	...	...
USA	...	...	...	...	...	...
ARG	83	1	1	0	0	100
CHL	10	2	0	0	2	40
PRY	0	0	0	0	0	0
URY	0	0	0	0	0	0
TOTAL	1135	46	15	18	13	33

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 01-03, 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 (2017/04-2018/03)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	0	0	0	0	0	0	0.5	0.0
	COL	0	0	100	100	100	100	2.4	0.3
	ECU	2184	0	0	0	0	0	1.2	0.0
	PER	7771	0	33	100	100	33	0.9	0.0
	VEN	13092	0	100	100	100	100	1.7	0.6
CAP	BRA	15819	73	0	65	65	61	0.8	0.2
	CRI	57	0	0	0	0	0	1.9	26.1
	GTM	1541	0	0	0	0	0	1.0	0.0
	HND	470	0	33	100	100	100	1.9	2.3
	NIC	185	100	100	100	100	75	3.6	2.8
CAR	PAN	324	0	0	0	0	0	1.1	0.5
	SLV	1265	91	0	0	0	0	3.7	0.0
	CAR	769	95	100	100	29	29	2.1	11.9
LAC	CUB	0	0	0	0	0	0	12.6	0.0
	DOM	247	0	0	0	0	0	2.8	0.0
	HTI	368	0	0	0	0	0	1.4	0.8
MEX	MEX	0	0	99	100	76	71	2.6	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	809	0	0	0	0	0	0.7	3.3
	CHL	783	77	60	20	100	100	0.9	5.1
	PRY	1160	90	75	100	95	100	7.7	0.3
	URY	155	0	0	0	0	0	...	0.0
Total and Average*		46999	33	34	56	50	47	1.8	0.7

*Weighted

... No report received