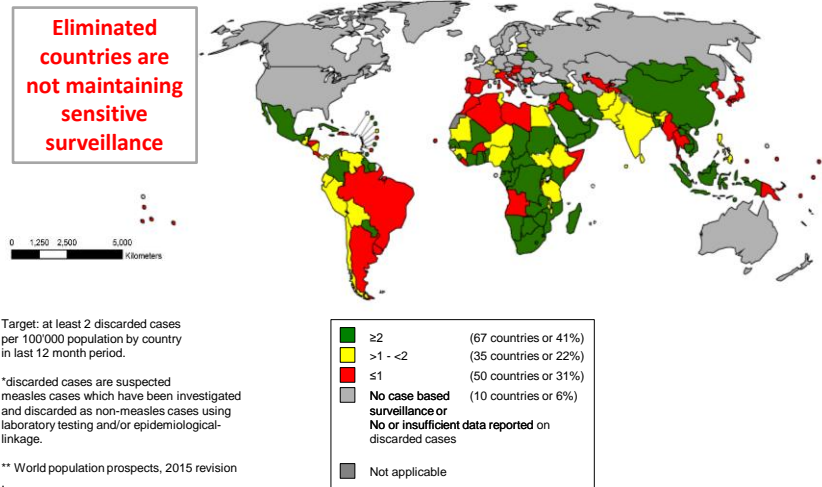


# Measles/Rubella Weekly Bulletin



## Measles<sup>1</sup> Surveillance System Sensitivity Oct 2015 to Sep 2016 (12M period) reporting rate of discarded cases\* per 100'000 population\*\*



Target: at least 2 discarded cases per 100'000 population by country in last 12 month period.

\*discarded cases are suspected measles cases which have been investigated and discarded as non-measles cases using laboratory testing and/or epidemiological-linkage.

\*\* World population prospects, 2015 revision

<sup>1</sup> In the Region of the Americas, this surveillance is integrated with rubella.

Data source: surveillance DEF file  
Data in HQ as of 9 November 2016

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 lines on maps represent approximate border lines for which there may not yet be full agreement. ©WHO 2016. All rights reserved.



Table.1  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-49, 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	94	0	0	0	2000-40	0	0	0	2006-03	0	92	0	0	0	...
	COL	1362	0	0	0	2015-35	0	0	0	2012-31	0	1310	516	0	0	2005/34
	ECU	208	0	1	1	2016-14	0	0	0	2004-49	0	188	0	0	0	2011/14
	PER	352	0	0	0	2015-25	0	0	0	2009-04	0	301	0	0	0	2007/16
	VEN	564	0	0	0	2012-17	0	0	0	2015-52	8	556	7	0	0	...
BRA	BRA	2106	0	0	0	2015-32	0	0	0	2014-40	0	1920	78	0	0	2009/34
CAP	CRI	28	0	0	0	2014-09	0	0	0	2001-39	3	24	61	0	0	...
	GTM	186	0	0	0	1998-05	0	0	0	2006-31	5	178	0	0	0	2005/00
	HND	55	0	0	0	1998-16	0	0	0	2004-11	1	52	18	0	0	2001/00
	NIC	118	0	0	0	1994/14	0	0	0	2004-19	0	114	44	0	0	2005/00
	PAN	50	0	0	0	2011-20	0	0	0	2002-48	0	50	0	0	0	...
	SLV	173	0	0	0	2001-19	0	0	0	2006-30	0	156	0	0	0	2001/00
CAR	CAR	485	0	0	0	2011/48	0	0	0	2008/18	0	474	30	0	0	1999/00
LAC	CUB	617	0	0	0	1993/27	0	0	0	2004/06	0	617	0	0	0	...
	DOM	133	0	0	0	2011-18	0	0	0	2007-45	0	25	0	0	0	...
	HTI	53	0	0	0	2001-39	0	0	0	2006-21	0	40	16	0	0	...
MEX	MEX	3863	0	0	0	2015-02	0	0	0	2001-25	0	3843	0	0	0	...
NOA	CAN	...	...	11	11 <sup>a</sup>	2016/37	0	1	1	2016/06	0	0	0	...	...	2015/50
	USA	...	...	53	53 <sup>a</sup>	2016/35	...	1	1	2016/03	0	0	0	...	...	2015/00
SOC	ARG	263	0	0	0	2014-33	0	0	0	2014-22	9	193	107	0	0	2009/27
	CHL	185	0	0	0	2015-27	0	0	0	2011-25	0	175	95	0	0	...
	PRY	347	0	0	0	1998-44	0	0	0	2005-21	25	298	0	0	0	2003/06
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	...	...	...
<b>TOTAL</b>		<b>11242</b>	<b>0</b>	<b>65</b>	<b>65</b>	<b>--</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>--</b>	<b>51</b>	<b>10606</b>	<b>972</b>	<b>0</b>	<b>0</b>	<b>--</b>

\*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 01-49, 2016

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU	1							
	PER								
	VEN								
BRA	BRA								
	CAP								
	CRI								
	GTM								
	HND								
CAR	NIC								
	PAN								
	SLV								
	CAR								
	LAC								
MEX	CUB								
	DOM								
	HTI								
NOA	MEX				1	1			
	CAN	10							
SOC	USA	26	24		3	1			
	ARG								
	CHL								
	PRY								
	URY								
<b>TOTAL</b>		<b>37</b>	<b>24</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>

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 01-49, 2016

Country	Pending Cases 2015	Cumulative 2016	Week of Onset							% Pend. Cases
			1-44	45	46	47	48	49		
BOL	0	2	2	0	0	0	0	0	0	2
COL	3	52	44	3	1	2	2	0	0	4
ECU	0	19	19	0	...	...	...	...	...	9
PER	0	51	46	0	2	1	2	...	...	14
VEN	0	0	0	0	0	0	0	0	0	0
BRA	234	187	148	18	4	9	8	0	0	9
CAP										
CRI	0	1	1	0	...	...	...	...	...	4
GTM	1	3	3	0	0	0	0	0	0	2
HND	0	2	1	0	0	0	0	1	1	4
NIC	0	4	0	0	3	1	0	0	0	3
PAN	0	0	0	0	0	0	...	...	...	0
SLV	9	17	10	1	0	1	2	3	3	10
CAR	0	11	11	0	0	0	0	0	0	2
LAC										
CUB	0	0	0	...	...	...	...	...	...	0
DOM	62	108	108	0	0	0	0	0	0	81
HTI	0	13	4	1	4	1	3	0	0	25
MEX	0	20	3	3	3	3	6	2	2	1
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	2	61	44	5	5	5	1	1	1	23
CHL	0	10	6	2	1	0	1	0	0	5
PRY	0	24	10	1	1	4	3	5	5	7
URY	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>		<b>311</b>	<b>585</b>	<b>460</b>	<b>34</b>	<b>24</b>	<b>27</b>	<b>28</b>	<b>12</b>	<b>5</b>

... No report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-49, 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 (2015/50-2016/49)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3514	...	99	97	51	83	0.9	0.0
	COL	5321	95	72	96	87	92	3.0	25.1
	ECU	2184	...	92	98	76	72	1.4	0.0
	PER	7061	...	83	90	70	30	1.2	0.0
	VEN	13092	...	93	99	74	69	1.8	0.1
CAP	BRA	12630	75	...	39	59	59	1.0	0.2
	CRI	57	...	64	96	86	93	0.6	9.1
	GTM	1506	97	2	96	55	70	1.1	0.0
	HND	470	91	67	100	75	98	0.6	1.1
	NIC	370	50	95	97	97	86	1.9	3.8
CAR	PAN	271	...	88	100	68	98	1.3	0.0
	SLV	1246	...	65	94	88	80	2.7	0.0
	CAR	714	69	88	98	21	78	6.5	2.6
	LAC	168	...	100	100	100	100	5.5	0.0
	DOM	247	...	2	89	7	11	1.3	0.0
MEX	HTI	320	88	91	96	68	66	0.5	0.6
	MEX	139	...	95	96	91	85	3.0	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	809	...	18	87	70	47	0.6	1.4
	CHL	798	84	36	90	92	92	1.1	0.0
	PRY	1063	89	80	96	79	69	5.4	0.0
	URY	165	...	0	0	0	0	0.0	0.0
<b>Total and Average*</b>		<b>52145</b>	<b>36</b>	<b>83</b>	<b>85</b>	<b>73</b>	<b>76</b>	<b>1.8</b>	<b>3.6</b>

\*Weighted

... No report received