

# Measles/Rubella Weekly Bulletin



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

Vol. 23, No. 17

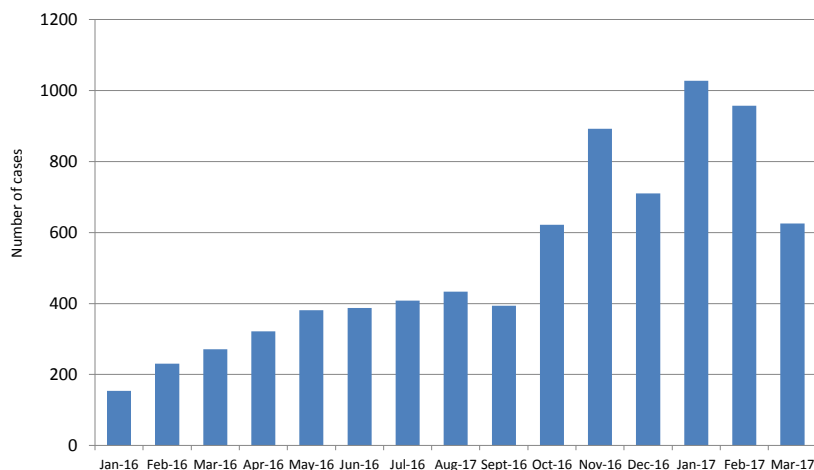
Week ending 29 April 2017



### Distribution of reported measles cases in the WHO European Region by month, 2016-2017\*

Considering the increase in reported measles cases in the European region, PAHO is issuing an epidemiological alert, recommending its Member States to strengthen surveillance activities and implement appropriate measures to protect their populations against measles and rubella.

From early January 2016 to 1 May 2017, a total of **7,847 measles cases** were reported by **37 European countries**; 34% of these cases were reported in 2017. The majority of cases were reported by Romania (3,181 cases) and Italy (1,549 cases). Access the alert at <http://bit.ly/2pep3ko>



Source: Monthly aggregated and case-based data reported by Members to WHO-EURO or via the European Centre for Disease Prevention and Control (ECDC-TESS).  
\*As of May 1, 2017.

**Table.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-17, 2017**

Subregion and Country	Susp. Cases 2017	Measles Confirmed 2017			Year/Week Last Conf. Measles case	Rubella Confirmed 2017			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2017		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*			
AND	BOL	20	0	0	0	2000-40	0	0	0	2006-03	0	18	0	0	0	...	
	COL	273	0	0	0	2015-35	0	0	0	2012-31	0	266	146	0	0	2005/34	
	ECU	...	...	...	...	2016-14	...	...	...	2004-49	...	...	...	...	...	2004/49	
	PER	92	0	0	0	2015-25	0	0	0	2009-04	2	78	0	0	0	2007/16	
BRA	VEN	105	0	0	0	2012-17	0	0	0	2015-52	0	99	2	0	0	...	
	BRA	413	0	0	0	2015-32	0	0	0	2014-40	0	295	17	0	0	2009/34	
	CAP	CRI	2	0	0	0	2014-09	0	0	0	2001-39	0	2	40	0	0	...
	GTM	23	0	0	0	0	1998-05	0	0	0	2006-31	0	22	2	0	0	2005/00
	HND	34	0	0	0	0	1998-16	0	0	0	2004-11	0	32	7	0	0	2001/00
	NIC	8	0	0	0	0	1994/14	...	...	...	2004-19	0	6	9	0	0	2005/00
	PAN	18	0	0	0	0	2011-20	0	0	0	2002-48	0	15	0	0	0	...
	SLV	50	0	0	0	0	2001-19	0	0	0	2006-30	0	33	0	0	0	2001/00
CAR	CAR	61	0	0	0	0	2011/48	0	0	0	2008/18	0	53	15	0	0	1999/00
	LAC	CUB	173	0	0	0	1993/27	0	0	0	2004/06	0	173	0	0	0	...
	DOM	2	0	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
HTI	39	0	0	0	0	2001-39	0	0	0	2006-21	0	31	9	0	0	...	
MEX	MEX	970	0	0	0	2015-02	0	0	0	2001-25	0	780	0	0	0	...	
NOA	CAN	...	...	39	39 <sup>a</sup>	2017/17	0	0	0	2016/06	...	...	...	...	...	2015/50	
	USA	...	...	43	43 <sup>a</sup>	2017/13	...	...	...	2016/03	...	...	...	...	...	2015/00	
SOC	ARG	46	0	2	2	2017-17	0	0	0	2014-22	0	32	30	0	0	2009/27	
	CHL	56	0	0	0	2015-27	0	0	0	2011-25	0	49	24	0	0	...	
	PRY	180	0	0	0	1998-44	0	0	0	2005-21	1	172	0	0	0	2003/06	
	URY	...	...	...	...	1999/08	...	...	...	2001/37	...	...	...	...	...	...	
<b>TOTAL</b>	<b>2565</b>	<b>0</b>	<b>84</b>	<b>84</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>3</b>	<b>2156</b>	<b>301</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 01-17, 2017

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
BRA	VEN								
	BRA								
	CAP								
	CRI								
CAR	GTM								
	HND								
	NIC								
	PAN								
LAC	SLV								
	CAR								
	CUB								
	DOM								
MEX	HTI								
	MEX								
NOA	CAN	7	28		4				
	USA	16	12		15				
SOC	ARG	1	1						
	CHL								
	PRY								
	URY								
<b>TOTAL</b>		<b>24</b>	<b>41</b>	<b>0</b>	<b>19</b>	<b>0</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 01-17, 2017

Country	Pending Cases 2016	Cumulative 2017	Week of Onset							% Pend. Cases
			1-12	13	14	15	16	17		
BOL	0	2	2	0	0	0	0	0	0	10
COL	13	7	5	1	1	0	0	0	0	3
ECU	19	...	...	...	...	...	...	...	...	...
PER	0	12	9	0	1	0	2	...	...	13
VEN	0	6	6	0	0	0	0	0	0	6
BRA	184	118	64	16	13	14	11	0	0	29
CAP	CRI	1	0	0	0	0	0	0	0	0
	GTM	3	1	1	0	0	0	0	0	4
	HND	0	2	0	0	2	0	0	0	6
	NIC	0	2	2	...	...	...	...	...	25
	PAN	0	3	0	0	0	0	1	2	17
	SLV	2	17	9	4	1	0	3	0	34
CAR	CAR	1	8	1	1	2	2	1	1	13
LAC	CUB	0	0	0	0	0	0	0	0	0
	DOM	2	2	2	...	...	...	...	...	100
	HTI	3	8	3	1	0	4	0	0	21
MEX	MEX	0	190	91	22	14	9	24	30	20
NOA	CAN	...	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...	...
SOC	ARG	4	12	11	0	0	0	0	1	26
	CHL	0	7	2	1	1	2	0	1	13
	PRY	4	7	5	0	0	1	1	0	4
	URY	...	...	...	...	...	...	...	...	...
<b>TOTAL</b>		<b>236</b>	<b>404</b>	<b>213</b>	<b>46</b>	<b>35</b>	<b>32</b>	<b>43</b>	<b>35</b>	<b>16</b>

... No report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-17, 2017

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 (2017/18-2017/17)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	3514	...	95	100	80	50	0.8	0.0	
	COL	5212	95	75	97	89	99	2.5	9.5	
	ECU	2184	...	...	...	...	...	0.7	0.0	
	PER	7771	...	83	96	74	52	1.2	0.0	
BRA	VEN	13092	...	99	98	61	64	1.9	0.2	
	BRA	14461	76	...	...	...	...	0.7	0.2	
	CAP	CRI	57	...	50	100	50	100	0.6	15.1
		GTM	1541	78	0	96	61	91	1.1	0.0
	HND	470	91	59	100	71	100	0.8	1.8	
	NIC	185	...	100	100	100	100	1.6	4.9	
	PAN	321	16	72	100	89	94	1.3	0.0	
	SLV	1257	88	66	96	98	94	3.1	0.0	
CAR	CAR	700	80	92	97	13	62	5.2	3.6	
LAC	CUB	168	100	100	100	100	100	13.0	0.0	
	DOM	247	...	0	100	0	0	0.3	0.0	
	HTI	368	77	87	97	59	62	0.7	1.3	
MEX	MEX	20146	...	96	98	88	85	3.2	0.0	
NOA	CAN	...	...	...	...	...	...	...	...	
	USA	...	...	...	...	...	...	...	...	
SOC	ARG	809	...	20	91	67	69	0.6	1.9	
	CHL	779	81	32	80	89	89	1.1	5.8	
	PRY	1158	91	77	96	95	95	5.8	0.0	
	URY	155	...	...	...	...	...	0.0	0.0	
<b>Total and Average*</b>		<b>74595</b>	<b>29</b>	<b>86</b>	<b>97</b>	<b>84</b>	<b>85</b>	<b>1.8</b>	<b>1.0</b>	

\*Weighted

... No report received