

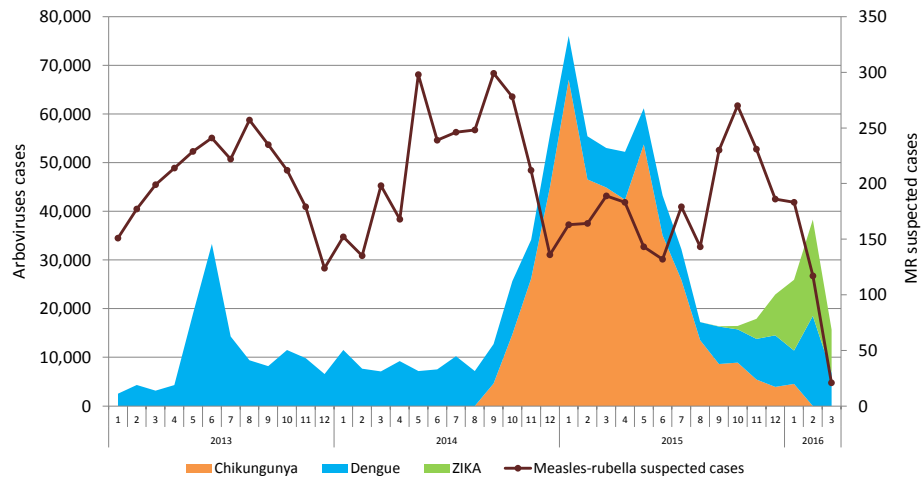
# Measles/Rubella Weekly Bulletin



## Trends in reporting suspected measles/rubella and arboviruses cases in Colombia, 2013-2016\*

Chikungunya and Zika viruses were introduced in Colombia in September 2014 and August 2015 respectively, and reported cases of both viruses and dengue started increasing. This increase, however, was not observed in the notification of suspected measles-rubella cases; this could be due to the country's use of a more specific definition for suspected cases and potential delays in data entry to FGL-IM surveillance systems.

These observations highlight the need to update MR surveillance information on a weekly basis, to conduct reliable and integrated analyses with arboviruses surveillance, for evidence-based decision making.



Source: Country report to PAHO surveillance systems.  
\*Data reported as of 7 April 2016.

Table.1  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-13, 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.	CRI*		
AND	BOL	21	...	...	...	2000/40	...	...	...	2006/03	0	19	0	0	0	...
	COL	331	0	0	0	2015/36	0	0	0	2012/42	0	279	126	0	0	2005/34
	ECU	67	0	0	0	2012/28	0	0	0	2004/45	0	59	0	0	0	2011/14
	PER	85	0	0	0	2015/25	0	0	0	2006/45	0	62	0	0	0	2007/16
	VEN	26	0	0	0	2012/16	0	0	0	2007/51	5	21	0	0	0	...
BRA	BRA	487	0	0	0	2015/32	0	0	0	2014/40	0	285	15	0	0	2009/34
CAP	CRI	4	0	0	0	2005/22	0	0	0	2001/42	0	2	0	0	0	...
	GTM	24	0	0	0	1998/05	0	0	0	2006/30	1	23	0	0	0	2005/00
	HND	16	0	0	0	1997/29	0	0	0	2004/11	1	15	5	0	0	2001/00
	NIC	4	0	0	0	1994/14	0	0	0	2004/19	0	4	4	0	0	2005/00
	PAN	17	0	0	0	2011/20	0	0	0	2002/48	0	14	0	0	0	...
	SLV	14	0	0	0	2001/19	0	0	0	2006/30	0	5	0	0	0	2001/00
CAR	CAR	118	0	0	0	2011/48	0	0	0	2008/18	0	104	9	0	0	1999/00
LAC	CUB	104	0	0	0	1993/27	0	0	0	2004/06	0	104	0	0	0	...
	DOM	0	0	0	0	2011/18	0	0	0	2006/44	0	0	0	0	0	...
	GLP	0	0	0	0	2011/28	0	0	0	...	0	0	0	...	...	2005/00
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	0	0	0	...	...	...
	HTI	10	0	0	0	2001/39	0	0	0	2006/21	0	8	0	0	0	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	0	...	...	...
MEX	MEX	488	0	0	0	2015/02	0	0	0	2012/49	0	419	0	0	0	...
NOA	CAN	...	...	6	6 <sup>a</sup>	2016/11	0	1	1	2016/06	...	...	...	...	...	2015/50
	USA	...	...	3	3 <sup>a</sup>	2016/10	...	...	...	2015/00	...	...	...	...	...	2015/00
SOC	ARG	33	0	0	0	2014/36	0	0	0	2014/22	0	6	20	0	0	2009/27
	CHL	38	0	0	0	2015/27	0	0	0	2011/25	0	35	10	0	0	...
	PRY	122	0	0	0	1998/44	0	0	0	2005/21	3	103	0	0	0	2003/06
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	...	...	...
<b>TOTAL</b>	<b>2009</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>--</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>--</b>	<b>10</b>	<b>1567</b>	<b>189</b>	<b>0</b>	<b>0</b>	<b>--</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 01-13, 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	6			1				
	USA	3							
SOC	ARG								
	CHL								
	PRY								
	URY								
<b>TOTAL</b>		<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-13, 2016

Country	Pending Cases 2015	Cumulative 2016	Week of Onset							% Pend.Cases
			1-8	9	10	11	12	13		
BOL	0	2	1	0	1	0	...	...	10	
COL	16	52	31	15	6	0	0	0	16	
ECU	42	8	3	2	1	2	0	...	12	
PER	21	23	12	1	3	1	3	3	27	
VEN	0	0	0	0	0	0	0	...	0	
BRA	234	202	129	18	27	18	10	0	41	
CRI	0	2	1	1	0	0	0	0	50	
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	
PAN	1	3	0	0	0	2	0	1	18	
SLV	9	9	9	0	0	...	...	...	64	
CAR	1	14	2	5	3	2	2	0	12	
CUB	0	0	0	0	0	0	...	...	0	
DOM	48	0	0	0	0	0	0	...	0	
GLP	0	0	0	0	0	0	...	...	0	
GUF	0	0	0	0	0	0	...	...	0	
HTI	7	2	1	0	1	0	0	0	20	
MTQ	0	0	0	0	0	0	...	...	0	
MEX	7	0	0	0	0	0	0	0	0	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	21	27	24	2	1	0	0	0	82	
CHL	23	3	1	0	0	0	2	0	8	
PRY	10	16	5	1	3	7	0	0	13	
URY	0	0	0	...	...	...	...	...	0	
<b>TOTAL</b>		<b>441</b>	<b>363</b>	<b>219</b>	<b>45</b>	<b>46</b>	<b>32</b>	<b>17</b>	<b>4</b>	<b>18</b>

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 01-13, 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 (2015/14-2016/13)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3514	...	100	100	52	76	1.1	0.0
	COL	5345	95	79	87	80	92	4.4	1.4
	ECU	2184	...	79	99	76	86	1.9	0.0
	PER	7314	...	87	92	70	32	2.2	0.0
	VEN	13092	...	100	100	58	54	1.8	0.1
	BRA	13764	70	...	26	26	31	2.2	0.1
CAP	CRI	57	...	75	100	100	75	0.7	0.0
	GTM	1506	97	17	96	75	83	1.2	0.5
	HND	470	89	81	100	75	100	0.8	0.3
	NIC	185	...	25	100	100	75	1.7	0.3
	PAN	226	...	100	100	76	94	2.0	0.1
	SLV	1243	...	79	93	92	69	3.5	3.8
CAR	CAR	714	95	91	98	21	79	4.1	1.7
LAC	CUB	168	...	100	100	100	100	10.2	0.0
	DOM	247	...	0	0	0	0	0.4	0.0
	GLP	...	...	...	...	...	...	0.0	0.0
	GUF	...	...	...	...	...	...	0.4	0.0
	HTI	320	85	100	100	80	70	1.3	1.2
	MTQ	...	...	...	...	...	...	0.0	0.0
MEX	MEX	139	...	98	93	94	89	4.6	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	809	...	18	70	70	43	0.9	0.3
	CHL	817	87	18	89	91	100	4.0	0.4
	PRY	1050	91	70	98	86	84	8.2	0.3
	URY	165	...	0	0	0	0	0.2	0.0
<b>Total and Average*</b>		<b>55493</b>	<b>78</b>	<b>84</b>	<b>77</b>	<b>67</b>	<b>71</b>	<b>2.9</b>	<b>0.4</b>

\*Weighted

... No report received