

# Measles/Rubella Weekly Bulletin



## Preparation of health alerts to mitigate impact of importations

Measles importations from people coming from other regions of the world are the biggest challenge in maintaining elimination.

It is important to prepare the response to the global Olympic Games by strengthening epidemiological surveillance and raising MMR vaccination coverage in all countries.



August 5-21, 2016



September 7-18th, 2016

Table.1  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-49, 2015

Subregion and Country	Susp. Cases 2015	Measles Confirmed 2015			Year/Week Last Conf. Measles case	Rubella Confirmed 2015			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2015		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	83	0	0	0	2000/40	0	0	0	2006/03	0	79	0	...	...	...
	COL	1954	0	1	1	2015/36	0	0	0	2012/42	0	1879	483	0	0	2005/34
	ECU	285	0	0	0	2012/28	0	0	0	2004/45	1	242	0	...	...	...
	PER	545	0	4	4	2015/25	0	0	0	2006/45	0	460	0	0	0	2007/16
	VEN	596	0	0	0	2012/16	0	0	0	2007/51	17	579	3	0	0	...
BRA	BRA	5526	33	181	214	2015/32	0	0	0	2014/40	0	5071	1	0	...	2009/34
CAP	CRI	44	0	0	0	2005/22	0	0	0	2001/42	2	40	0	...	...	...
	GTM	163	0	0	0	1998/05	0	0	0	2006/30	5	157	24	0	0	2005/00
	HND	193	0	0	0	1997/29	0	0	0	2004/11	1	191	15	0	0	2001/00
	NIC	150	0	0	0	1994/14	0	0	0	2004/19	0	149	45	0	...	2005/00
	PAN	68	0	0	0	2011/20	0	0	0	2002/48	0	67	1	0	0	...
	SLV	401	0	0	0	2001/19	0	0	0	2006/30	0	385	0	0	0	2001/00
CAR	CAR	271	0	0	0	2011/48	0	0	0	2008/18	1	264	7	0	0	1999/00
LAC	CUB	1240	0	0	0	1993/27	0	0	0	2004/06	0	1240	0	0	0	...
	DOM	85	0	0	0	2011/18	0	0	0	2006/44	0	38	0	...	...	...
	GLP	1	0	0	0	2011/28	0	0	0	...	0	1	0	...	...	2005/00
	GUF	2	0	0	0	2011/26	0	0	0	2010/06	0	2	0	...	...	...
	HTI	159	0	0	0	2001/39	0	0	0	2006/21	0	136	32	0	0	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	0	...	...	...
MEX	MEX	4457	0	1	1	2015/02	0	0	0	2012/49	0	3545	0	0	0	...
NOA	CAN	...	...	196	196 <sup>a</sup>	2015/42	0	0	0	2014/10	0	0	0	...	...	2011/12
	USA	...	...	189	189 <sup>a</sup>	2015/31	...	...	...	2014/16	0	0	0	...	...	2012/44
SOC	ARG	399	0	0	0	2014/36	0	0	0	2014/22	2	284	105	0	0	2009/27
	CHL	684	0	9	9	2015/27	0	0	0	2011/25	0	652	124	0	0	...
	PRY	523	0	0	0	1998/44	0	0	0	2005/21	14	486	0	0	0	2003/06
	URY	8	0	0	0	1999/08	0	0	0	2001/37	0	8	0	0	0	...
<b>TOTAL</b>		<b>17837</b>	<b>33</b>	<b>581</b>	<b>614</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>43</b>	<b>15955</b>	<b>840</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, 2015

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	1							
	COL								
BRA	ECU								
	PER	1	3						
	VEN								
	BRA				214				
	CAP								
CAR	CRI								
	GTM								
	HND								
	NIC								
	PAN								
	SLV								
	LAC								
	CAR								
	LAC								
	CUB								
MEX	DOM								
	GLP								
	GUF								
	HTI								
	MTQ								
NOA	MEX	1							
	CAN	8	168		20				
SOC	USA	91	87		11				
	ARG								
	CHL	2	7						
	PRY								
	URY								
<b>TOTAL</b>		<b>104</b>	<b>265</b>	<b>0</b>	<b>245</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-49, 2015

Country	Pending Cases 2014	Cumulative 2015	Week of Onset							% Pend.Cases
			1-44	45	46	47	48	49		
BOL	0	4	2	0	0	2	0	...	5	
COL	1	74	54	6	4	3	5	2	4	
ECU	0	42	40	2	0	0	...	...	15	
PER	0	80	80	0	0	...	...	...	15	
VEN	0	0	0	0	0	0	0	0	0	
BRA	431	243	151	26	30	21	15	0	4	
CRI	0	2	2	0	0	0	0	...	5	
GTM	0	1	1	0	0	0	0	0	1	
HND	0	1	0	0	0	0	1	0	1	
NIC	0	1	0	1	0	0	...	...	1	
PAN	0	1	0	0	1	0	0	0	1	
SLV	2	12	8	1	0	3	0	...	3	
CAR	0	6	1	0	0	0	4	1	2	
LAC	0	0	0	0	0	0	0	...	0	
CUB	13	47	47	0	...	...	...	...	55	
DOM	0	0	0	0	0	0	0	0	0	
GLP	0	0	0	0	0	0	0	0	0	
GUF	0	0	0	0	0	0	0	0	0	
HTI	0	23	21	0	0	1	1	...	14	
MTQ	0	0	0	0	0	0	0	0	0	
MEX	0	8	4	1	1	2	0	0	0	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	0	113	88	10	6	6	3	0	28	
CHL	0	23	17	1	4	0	0	1	3	
PRY	0	23	23	0	0	0	0	0	4	
URY	0	0	0	0	0	0	...	...	0	
<b>TOTAL</b>			<b>447</b>	<b>704</b>	<b>539</b>	<b>48</b>	<b>46</b>	<b>38</b>	<b>29</b>	<b>4</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 01-49, 2015

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 (2014/51-2015/49)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	3459	...	100	100	79	82	0.9	0.0	
	COL	5540	...	79	97	90	98	4.5	5.4	
	ECU	2184	...	55	96	92	55	2.1	0.0	
	PER	7314	...	86	94	71	49	2.0	0.0	
	VEN	13092	...	93	99	75	62	2.1	0.1	
CAP	BRA	13547	72	...	58	58	48	2.9	0.3	
	CRI	57	...	55	86	77	72	1.0	0.0	
	GTM	1506	74	1	95	58	77	1.2	0.5	
	HND	469	90	35	100	71	47	3.5	0.8	
	NIC	185	...	94	100	90	92	2.7	3.3	
CAR	PAN	224	94	78	100	74	95	2.1	0.1	
	SLV	...	...	31	49	87	93	6.6	3.8	
	LAC	CAR	714	67	97	93	15	69	3.7	1.4
	CUB	168	...	100	100	100	100	12.1	0.0	
	DOM	247	21	5	46	42	42	0.8	0.0	
MEX	GLP	...	...	...	...	...	...	0.2	0.0	
	GUF	...	...	...	...	...	...	0.9	0.0	
	HTI	191	96	92	95	78	76	1.6	1.2	
	MTQ	...	...	...	...	...	...	0.0	0.0	
	NOA	MEX	...	...	91	96	90	81	8.6	0.0
SOC	CAN	...	...	...	...	...	...	...	...	
	USA	...	...	...	...	...	...	...	...	
	ARG	784	...	23	87	67	45	1.0	1.5	
	CHL	817	91	37	89	95	95	4.1	5.0	
	PRY	1033	86	67	84	91	91	8.4	0.3	
	URY	155	...	88	100	100	50	0.3	0.0	
<b>Total and Average*</b>		<b>51686</b>	<b>73</b>	<b>79</b>	<b>82</b>	<b>77</b>	<b>72</b>	<b>4.0</b>	<b>1.3</b>	

\*Weighted