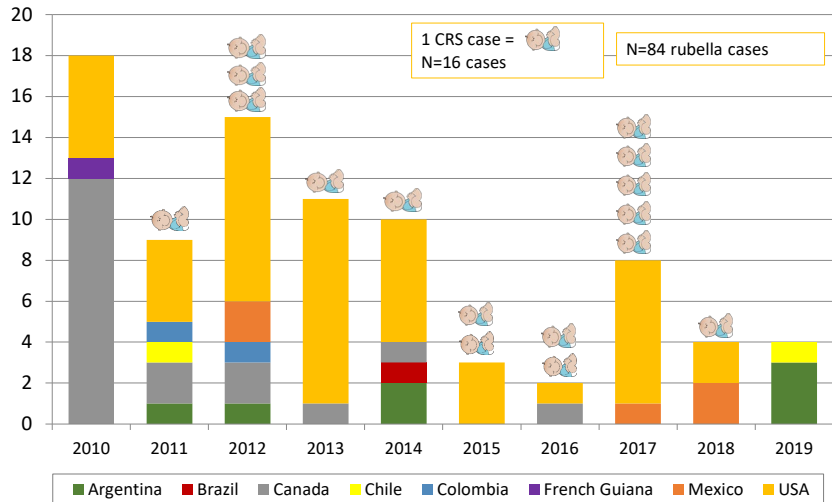




**Distribution of rubella and congenital rubella syndrome cases (CRS) by year and country following endemic interruption. The Americas, 2010-2019\***



Source: ISIS, MESS and country reports to FPL-IM/PAHO. Data as of 14 June 2019.

Due to global circulation and potential reintroduction of the rubella virus in the Region of the Americas, PAHO recommends the following to countries:

1) Strengthen the integrated surveillance of measles and rubella in all public and private health services, with an emphasis on internal medicine and obstetrics-gynecology, to provide information to pregnant women about symptoms compatible with rubella and immediate notification to their doctor.

2) Strengthen the surveillance of congenital rubella syndrome in public and private health services, with an emphasis on pediatric services, neonatology, ophthalmology, cardiology or otorhinolaryngology, hearing screening clinics, or health institutions that manage congenital malformations.

**Table.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 23, 2019**

Subregion and Country	Susp. Cases 2019	Measles Confirmed 2019				Year/Week Last Conf. Measles case	Rubella Confirmed 2019			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2019		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	37	0	0	...	0	2000-40	0	0	0	2006-03	0	5	0	0	0	...
	COL	1342	0	119	...	119	2019-21	0	0	0	2012-31	1	1123	116	0	0	2005-34
	ECU	0	0	0	0	0	2018-33	0	0	0	2004-49	0	0	0	...	...	2011-14
	PER	236	0	2	...	2	2019-17	0	0	0	2009-04	0	220	0	0	0	2007-16
	VEN	...	32	148	23	203	2019-13	0	0	0	2007-51	3	68	19	0	0	...
BRA	BRA	1748	13	114	...	127	2019-20	...	...	...	2014-40	0	1115	22	0	0	2009-34
CAP	CRI	34	0	10	...	10 <sup>a</sup>	2019-13	0	0	0	2001-39	0	24	17	0	0	...
	GTM	177	0	0	...	0	2018-03	0	0	0	2006-31	1	172	2	1	0	2005-00
	HND	124	0	0	...	0	1998-16	0	0	0	2004-11	0	112	3	0	0	2001-00
	NIC	334	0	0	...	0	1994-14	0	0	0	2004-19	3	254	11	3	0	2005-00
	PAN	32	0	0	...	0	2011-20	0	0	0	2002-48	0	29	0	0	0	...
	SLV	195	0	0	...	0	2001-19	0	0	0	2006-30	0	195	0	0	0	2001-00
CAR	CAR	153	0	2	1	3	2019-17	0	0	0	2008-18	0	132	4	0	0	1999-00
LAC	CUB	1146	0	0	...	0	1993-27	0	0	0	2004-06	0	1146	0	0	0	1989-10
	DOM	65	0	0	...	0	2011-18	0	0	0	2007-45	3	40	0	3	0	...
	HTI	126	0	0	...	0	2001-39	0	0	0	2006-21	0	23	14	0	0	...
MEX	MEX	1818	0	2	...	2	2019-22	0	0	0	2018-14	0	1658	0	0	0	...
NOA	CAN	...	...	64	4	68	2019-22	...	...	...	2016-06	...	...	...	...	...	2018-39
	USA	...	...	42	980	1022 <sup>b</sup>	2019-23	...	...	...	2017-16	...	...	...	...	...	2017-00
SOC	ARG	23	0	4	...	4	2019-14	0	3	3	2019-16	0	18	0	0	0	2009-27
	CHL	535	0	4	...	4	2019-18	0	1	1	2019-14	0	512	61	0	0	...
	PRY	794	0	0	...	0	1998-44	0	0	0	2005-21	78	371	2	0	0	2003-06
	URY	33	0	9	...	9 <sup>c</sup>	2019-19	...	...	...	2001-37	0	23	0	0	...	...
<b>TOTAL</b>		<b>8592</b>	<b>45</b>	<b>520</b>	<b>1008</b>	<b>1573</b>	--	<b>0</b>	<b>4</b>	<b>4</b>	--	<b>89</b>	<b>7240</b>	<b>271</b>	<b>0</b>	<b>0</b>	--

\*Congenital Rubella Infection.

(a) PAHO/WHO. Epidemiological Update: Measles. 17 May 2019, Washington, D.C.: PAHO/WHO; 2019;

(b) Centers for Disease Control and Prevention (<https://www.cdc.gov/measles/cases-outbreaks.html>). Cases as of 6 June 2019. Case count is preliminary and subject to change. Data are updated every Monday; (c) Ministry of Health, Uruguay.

...No updated report receive



**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-23, 2019

Subregion and Country		Measles				Rubella			
		I	IR	En.	U	I	IR	CAC	U
AND	BOL	108			11				
	COL <sup>a</sup>								
BRA	ECU								
	PER	1	1						
	VEN <sup>a</sup>			203					
				48	40				
CAP	BRA	39							
	CRI <sup>a</sup>	4	6						
CAR	GTM								
	HND								
	NIC								
	PAN								
	SLV								
	CAR	3							
	LAC								
MEX	CUB								
	DOM								
NOA	HTI								
	MEX	2			7				
SOC	CAN	33	28		17				
	USA	57	948						
SOC	ARG	3	1			3			
	CHL <sup>a</sup>		2	2		1			
	PRY								
	URY <sup>b</sup>		8		1				
<b>TOTAL</b>		<b>250</b>	<b>994</b>	<b>253</b>	<b>76</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-23, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases
			1-18	19	20	21	22	23		
BOL	2	32	30	2	...	...	...	...	86	
COL	184	99	94	3	2	0	0	0	7	
ECU	84	0	0	0	...	...	...	...	0	
PER	0	14	5	0	3	1	2	3	6	
VEN	8	9	9	0	0	0	0	0	4	
BRA	465	506	235	62	101	88	20	...	29	
CRI	23	1	1	0	0	0	0	0	3	
GTM	12	4	4	0	0	0	0	0	2	
HND	0	12	12	0	0	0	0	0	10	
NIC	0	77	24	20	19	9	5	...	23	
PAN	0	3	2	0	0	0	0	1	9	
SLV	0	0	0	0	0	0	0	0	0	
CAR	0	18	7	2	1	0	4	4	12	
LAC	0	0	0	0	0	0	0	...	0	
CUB	0	0	0	0	0	0	0	...	0	
DOM	18	22	22	0	0	0	0	0	34	
HTI	56	103	82	9	10	2	0	0	82	
MEX	0	158	67	4	13	6	28	40	9	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	336	0	0	0	0	0	0	0	0	
CHL	2	18	7	3	1	1	5	1	3	
PRY	25	345	200	27	35	38	26	19	43	
URY	0	2	2	0	0	0	...	...	6	
<b>TOTAL</b>		<b>1215</b>	<b>1423</b>	<b>803</b>	<b>132</b>	<b>185</b>	<b>145</b>	<b>90</b>	<b>68</b>	<b>16</b>

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

(a) PAHO/WHO. Epidemiological Update: Measles. 17 May 2019, Washington, D.C.: PAHO/WHO; 2019

(b) Ministry of Health, Uruguay

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-23, 2019

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 (2018/24-2019/23)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	19	24	78	89	1.0	0.0
	COL	5156	98	91	95	92	97	10.3	6.6
	ECU	2184	...	0	0	0	0	1.7	0.0
	PER	7781	...	92	96	89	44	3.1	0.0
CAP	VEN	13092	...	100	68	9	17	2.7	0.3
	BRA	13005	...	0	47	0	0	0.6	0.1
	CRI	57	...	74	85	86	79	1.3	2.5
	GTM	1541	...	78	97	66	92	1.7	0.2
CAR	HND	470	91	78	99	80	98	2.2	1.4
	NIC	185	...	95	97	94	79	7.6	4.9
	PAN	324	...	91	91	75	94	1.7	0.0
	SLV	1281	91	73	98	97	95	6.7	0.0
LAC	CAR	763	75	85	97	8	86	3.9	10.4
	CUB	168	...	100	100	100	100	28.1	0.0
MEX	DOM	247	...	23	97	91	69	0.9	0.0
	HTI	652	...	90	97	74	71	1.7	0.9
NOA	MEX	20489	97	96	99	89	89	2.7	0.0
	CAN	...	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	784	...	17	100	96	96	1.3	0.3
	CHL	768	63	29	99	95	99	5.2	8.5
	PRY	1253	98	67	86	81	69	18.5	0.1
URY	155	...	94	64	64	61	1.3	0.0	
<b>Total and Average*</b>		<b>43012</b>	<b>39</b>	<b>84</b>	<b>86</b>	<b>88</b>	<b>89</b>	<b>3.2</b>	<b>0.8</b>

\*Weighted

... No updated report received