



### Confirmed measles cases Region of the Americas, 2019\*

**2019 confirmed measles cases**

- Argentina=2
- Bahamas=2
- Brazil\*\*=18
- Canada=21
- Chile=3
- Colombia=19
- Costa Rica=3
- Mexico=1
- USA=206
- Venezuela=40
- TOTAL=315**

\*\* Confirmed measles cases in Brazil were among crewmembers of a cruise ship.

Source: Country reports to FPL-IM/PAHO  
\* Data as of 7 March 2019

**Table.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 09, 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	1	0	0	...	0	0	0	2000-40	0	0	0	0	0	0	0	...
	COL	423	0	19	...	19	0	0	0	2012-31	0	345	49	0	0	0	2005-34
	ECU	0	...	...	...	...	...	...	...	2018-33	...	...	...	...	...	...	2011-14
	PER	62	0	0	...	0	0	0	0	2018-41	0	0	36	0	0	0	2007-16
	VEN	2	0	40	...	40 <sup>a</sup>	0	0	0	2019-07	0	0	2	0	0	0	...
BRA	BRA	0	...	18	...	18 <sup>a,b</sup>	...	...	...	2019-08	...	...	...	...	...	...	2009-34
	CRI	19	0	3	...	3	0	0	0	2019-08	0	13	37	0	0	0	...
	GTM	19	0	0	...	0	0	0	0	2018-03	0	18	0	0	0	0	2005-00
	HND	34	0	0	...	0	0	0	0	1998-16	0	25	2	0	0	0	2001-00
	NIC	63	0	0	...	0	0	0	0	1994-14	0	39	6	0	0	0	2005-00
	PAN	10	0	0	...	0	0	0	0	2011-20	0	8	0	0	0	0	...
	SLV	26	0	0	...	0	0	0	0	2001-19	0	26	0	0	0	0	2001-00
	CAR	41	0	2	...	2	0	0	0	2019-08	0	32	2	0	0	0	1999-00
LAC	CUB	458	0	0	...	0	0	0	0	1993-27	0	6	0	0	0	0	1989-10
	DOM	20	0	0	...	0	0	0	0	2011-18	0	11	0	0	0	0	...
	HTI	18	0	0	...	0	0	0	0	2001-39	0	0	5	0	0	0	...
	MEX	445	0	1	...	1	0	0	0	2018-16	0	339	0	0	0	0	...
NOA	CAN	16	...	19	2	21	...	...	...	2019-09	...	...	...	...	...	...	2018-39
	USA	0	...	22	184	206 <sup>c</sup>	...	...	...	2019-08	...	...	...	...	...	...	2017-00
SOC	ARG	2	0	2	...	2	0	0	0	2019-09	0	0	0	0	0	0	2009-27
	CHL	324	0	3	...	3	0	0	0	2019-06	0	268	15	0	0	0	...
	PRY	256	0	0	...	0	0	0	0	1998-44	0	122	2	0	0	0	2003-06
URY	...	...	...	...	...	...	...	...	1999-08	...	...	...	...	...	...	...	
<b>TOTAL</b>	<b>1880</b>	<b>0</b>	<b>129</b>	<b>186</b>	<b>315</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>6</b>	<b>1290</b>	<b>118</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>

\*Congenital Rubella Infection.

...No updated report receive

(a) PAHO/ WHO. Epidemiological Update: Measles. 4 March 2019, Washington, D.C.: PAHO/WHO; 2019;

(b) Confirmed measles cases in Brazil were among crewmembers of a cruise ship; (c) Provisional data.



**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-09, 2019

Subregion and Country		Measles				Rubella				
		I	IR	En.	U	I	IR	CAC	U	
AND	BOL									
	COL	10			9					
	ECU									
	PER			40						
BRA	VEN <sup>a</sup>									
	BRA <sup>a,b</sup>	18								
CAP	CRI	1	2							
	GTM									
	HND									
	NIC									
	PAN									
	SLV									
	CAR	CAR	2							
		LAC								
	MEX	CUB								
		DOM								
NOA	HTI									
	MEX	1								
SOC	CAN	10	9		2					
	USA	20	184		2					
SOC	ARG	2								
	CHL		1		2					
	PRY									
	URY									
<b>TOTAL</b>		<b>64</b>	<b>196</b>	<b>40</b>	<b>15</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 01-09, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases
			1-4	5	6	7	8	9		
BOL	3	1	1	...	...	...	...	...	...	100
COL	176	59	38	6	12	2	1	0	0	14
ECU	84	...	...	...	...	...	...	...	...	...
PER	1	26	4	4	5	5	3	5	5	42
VEN	34	...	...	...	...	...	...	...	...	...
BRA	0	...	...	...	...	...	...	...	...	...
CRI	23	3	1	0	0	1	1	0	0	16
GTM	12	1	1	0	0	0	0	0	0	5
HND	0	9	1	2	3	0	3	0	0	26
NIC	0	24	1	1	3	8	5	6	6	38
PAN	0	2	2	0	0	...	...	...	...	20
SLV	0	0	0	0	0	0	0	0	0	0
CAR	1	7	2	0	1	1	2	1	1	17
CUB	0	386	205	62	59	60	0	...	...	84
DOM	18	8	2	2	1	3	0	0	0	40
HTI	54	18	16	1	0	1	0	0	0	100
MEX	68	105	18	14	12	8	28	25	25	24
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	401	0	0	0	0	0	0	0	0	0
CHL	7	53	19	6	3	8	6	11	16	16
PRY	41	129	41	7	10	20	33	18	18	50
URY	1	...	...	...	...	...	...	...	...	...
<b>TOTAL</b>	<b>924</b>	<b>831</b>	<b>352</b>	<b>105</b>	<b>109</b>	<b>117</b>	<b>82</b>	<b>66</b>	<b>37</b>	

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

... No updated report received

(a) PAHO/WHO. Epidemiological Update: Measles. 4 March 2019, Washington, D.C.: PAHO/WHO; 2019;

(b) Confirmed measles cases in Brazil were among crewmembers of a cruise ship.

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-09, 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 (2018/10-2019/09)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657	...	0	100	100	100	2.0	0.0	
	COL	5152	98	79	95	91	98	12.5	5.7	
	ECU	2184	...	...	...	...	...	3.1	0.0	
	PER	7781	...	85	97	66	20	3.4	0.0	
CAP	VEN	13092	...	100	100	50	50	9.8	0.0	
	BRA	...	...	...	...	...	...	5.2	0.2	
	CRI	57	...	63	95	78	67	1.4	5.5	
	GTM	1541	98	79	95	67	72	2.1	0.1	
	HND	470	90	71	100	88	100	2.1	1.4	
	NIC	185	100	98	98	98	95	4.4	4.5	
	PAN	324	...	90	100	60	100	1.6	0.0	
	SLV	...	...	65	100	96	96	6.9	0.0	
	CAR	CAR	763	76	80	93	8	82	4.1	10.2
	LAC	CUB	168	...	100	100	100	100	26.0	0.0
MEX	DOM	247	...	10	100	100	85	1.3	0.0	
	HTI	652	72	89	100	39	39	1.5	0.6	
NOA	MEX	41158	97	96	100	87	87	3.0	0.0	
	CAN	...	...	...	...	...	...	...	...	
SOC	USA	...	...	...	...	...	...	...	...	
	ARG	784	...	0	100	100	100	1.9	0.3	
	CHL	768	86	41	97	96	99	4.8	6.6	
	PRY	1238	96	69	89	74	65	14.2	0.1	
	URY	155	...	...	...	...	...	0.3	0.0	
<b>Total and Average*</b>		<b>79376</b>	<b>63</b>	<b>80</b>	<b>97</b>	<b>88</b>	<b>89</b>	<b>5.2</b>	<b>0.9</b>	

\*Weighted

... No updated report received