



### Integrated Measles-Rubella (MR) Surveillance Indicators Latin America and the Caribbean, 2016-2020\*



Source: For 2016-2019, MR Weekly bulletins and for 2020, ISIS and country reports | \*Data as of epidemiological week 53, 2020. | \*\*Data not available for Brazil.

Despite COVID-19 pandemic, all surveillance indicators and the annual notification rate of suspected measles and rubella cases was met in 2020, with the exception of the percentage of blood samples received in laboratory in less than 5 days. When analyzing the performance trend in the last five years, a slight increase is observed in the same indicators who fulfilled the minimum threshold. However, less suspected cases were reported in 2020, resulting in a 3.4 fold decreased in comparison with 2019.

**Table.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-53, 2020**

Subregion and Country	Susp. Cases 2020	Measles Confirmed 2020				Year/Week Last Conf. Measles case	Rubella Confirmed 2020			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2020		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*			
AND	BOL	74	0	2	...	2	2020-16	0	0	0	2006-03	17	53	0	0	0	...	
	COL	653	0	1	...	1	2020-09	0	0	0	2012-31	0	494	331	0	0	2005-34	
	ECU	136	0	0	...	0	2018-33	...	...	...	2004-49	1	110	0	0	0	2011-14	
	PER	73	0	0	...	0	2019-18	0	0	0	2009-04	0	72	0	0	0	2007-16	
	VEN	562	0	0	...	0	2019-33	0	0	0	2007-51	32	373	0	0	0	...	
BRA	BRA	17353	2823	5619	...	8442	2020-52	0	0	0	2014-40	0	8421	37	0	0	2009-34	
	CAP	103	0	0	...	0	2019-13	0	0	0	2001-39	5	98	128	0	0	...	
	GTM	69	0	0	...	0	2018-03	0	0	0	2006-31	1	63	1	0	0	2005-00	
	HND	118	0	0	...	0	1998-16	0	0	0	2004-11	0	117	10	0	0	2001-00	
	NIC	114	0	0	...	0	1994-14	0	0	0	2004-19	10	96	22	0	0	2005-00	
	PAN	28	0	0	...	0	2011-20	0	0	0	2002-48	0	27	0	0	0	...	
	SLV	182	0	0	...	0	2001-19	0	0	0	2006-30	0	182	181	0	0	2001-00	
CAR	CAR	55	0	0	...	0	2019-48	0	0	0	2008-18	0	55	12	0	0	1999-00	
	LAC	1540	0	0	...	0	2019-24	0	0	0	2004-06	0	1540	0	0	0	1989-10	
	DOM	48	0	0	...	0	2011-18	0	0	0	2007-45	4	16	0	0	0	...	
	HTI	124	0	0	...	0	2001-39	0	0	0	2006-21	0	101	49	0	0	...	
MEX	MEX	2501	...	187	9	196	2020-23	0	0	0	2018-14	0	2153	0	0	0	...	
	NOA	CAN	...	...	1	...	1	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	13	...	13	2020-48	...	...	...	2019-03	...	...	...	...	...	2017-00	
SOC	ARG	326	0	60	1	61	2020-12	0	0	0	2019-47	3	261	0	0	0	2009-27	
	CHL	46	0	2	...	2	2020-03	0	0	0	2019-14	0	40	69	0	0	...	
	PRY	569	0	0	...	0	1998-44	0	0	0	2005-21	2	507	6	0	0	2003-06	
	URY	9	0	0	2	2	2020-07	0	0	0	2001-37	0	6	0	0	0	...	
<b>TOTAL</b>	<b>24683</b>	<b>2823</b>	<b>5885</b>	<b>12</b>	<b>8720</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>75</b>	<b>14785</b>	<b>846</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	

\*Congenital Rubella Infection.

...No updated report received



**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases  
for the Period of Weeks 01-53, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL				2			
	COL	1						
	ECU							
	PER							
	VEN							
BRA CAP	BRA			8442				
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	DOM							
MEX	HTI							
	MEX*							
NOA	CAN	1						
	USA	13						
SOC	ARG	7			54			
	CHL	2						
	PRY							
	URY		2					
<b>TOTAL</b>		<b>24</b>	<b>2</b>	<b>8442</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation  
for the Period of Weeks 01-53, 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset							% Pend. Cases
			1-48	49	50	51	52	53		
BOL	1	2	2	...	...	...	...	...	3	
COL	122	158	158	...	...	...	...	...	24	
ECU	7	25	25	...	...	...	...	...	18	
PER	13	1	1	0	0	0	0	0	1	
VEN	19	155	155	...	...	...	...	...	28	
BRA	2597	490	396	29	26	34	5	0	3	
CRI	0	0	0	0	0	0	0	...	0	
GTM	0	5	5	0	0	0	0	...	7	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	8	7	1	0	0	...	...	7	
PAN	1	1	1	...	...	...	...	...	4	
SLV	0	0	0	0	0	0	0	...	0	
CAR	6	0	0	0	0	0	0	...	0	
CUB	0	0	0	0	0	0	...	...	0	
DOM	24	28	27	1	0	0	...	...	58	
HTI	29	23	21	1	0	1	0	0	19	
MEX	247	152	138	3	8	3	0	0	6	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	6	1	1	0	0	0	...	...	0	
CHL	9	4	4	0	0	0	0	...	9	
PRY	49	57	55	2	0	0	0	0	10	
URY	3	1	1	...	...	...	...	...	11	
<b>TOTAL</b>	<b>3133</b>	<b>1112</b>	<b>998</b>	<b>37</b>	<b>34</b>	<b>38</b>	<b>5</b>	<b>0</b>	<b>5</b>	

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.  
\*Pending final classification

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-53, 2020

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 (2020/02-2020/53)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	88	93	72	88	0.6	0.0
	COL	4612	...	50	...	...	...	1.3	4.7
	ECU	2184	...	99	71	33	61	0.8	0.0
	PER	7781	...	92	82	58	51	0.2	0.0
	VEN	13092	...	100	94	14	11	0.2	0.3
CAP	BRA	...	63	...	...	73	79	8.0	0.1
	CRI	57	...	96	99	96	97	2.0	18.9
	GTM	1541	...	99	100	54	84	0.4	0.0
	HND	469	...	97	100	85	98	1.4	0.6
	NIC	185	...	95	97	94	97	1.8	1.9
	PAN	324	...	100	96	71	89	0.7	0.0
	SLV	1288	...	87	100	98	93	2.9	0.0
CAR	CAR	763	...	60	96	22	76	0.7	1.0
	LAC	168	...	100	100	100	100	13.5	0.0
MEX	DOM	247	...	35	67	76	61	0.4	0.0
	HTI	659	91	91	95	58	60	1.1	1.9
	MEX	20163	...	95	99	95	90	1.9	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	7	92	67	52	0.7	0.0
	CHL	788	...	9	78	92	94	0.2	0.0
	PRY	1293	...	75	92	85	93	8.1	0.4
	URY	155	...	67	33	38	38	0.3	0.0
<b>Total and Average*</b>		<b>59210</b>	<b>1</b>	<b>86</b>	<b>96</b>	<b>78</b>	<b>95</b>	<b>3.7</b>	<b>1.0</b>

\*Weighted

... No updated report received