



<https://www.paho.org/en/documents/immunization-program-context-covid-19-pandemic-version-2-24-april-2020>

- Surveillance systems should continue with early detection and case management for diseases with global surveillance mandates and elimination and eradication objectives: **measles, rubella, neonatal tetanus, polio.**
- Optimizing and prioritizing the use of laboratory tests to ensure the sustainability of laboratory surveillance during the pandemic and in the months immediately following.
- If an outbreak occurs, the risk-benefit of conducting outbreak response vaccination should be evaluated while considering the health system's ability to safely carry out this activity. This evaluation should assess the risk of a late response against the associated risks of an immediate response.

**Table.1**  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-17, 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.	CRIS*		
AND	BOL	20	0	2	...	2	2020-16	0	0	0	2006-03	2	16	0	0	0	...
	COL <sup>a</sup>	420	0	0	...	0	2019-51	0	0	0	2012-31	0	...	93	0	0	2005-34
	ECU	...	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	...	2011-14
	PER	41	0	0	...	0	2019-18	0	0	0	2009-04	0	38	0	0	0	2007-16
BRA	VEN	258	0	0	...	0	2019-33	0	0	0	2007-51	0	119	19	0	0	...
	BRA	9162	715	2195	...	2910	2020-16	0	0	0	2014-40	0	2664	0	0	0	2009-34
	CRI	4	0	0	...	0	2019-13	0	0	0	2001-39	0	2	0	0	0	...
	GTM	31	0	0	...	0	2018-03	0	0	0	2006-31	1	28	1	0	0	2005-00
	HND	70	0	0	...	0	1998-16	0	0	0	2004-11	0	70	2	0	0	2001-00
	NIC	39	0	0	...	0	1994-14	0	0	0	2004-19	3	32	13	0	0	2005-00
	PAN	14	0	0	...	0	2011-20	0	0	0	2002-48	0	13	0	0	0	...
	SLV	3	0	0	...	0	2001-19	0	0	0	2006-30	0	3	0	0	0	2001-00
CAR	CAR	43	0	0	...	0	2019-48	0	0	0	2008-18	0	33	12	0	0	1999-00
	LAC	481	0	0	...	0	2019-24	0	0	0	2004-06	0	481	0	0	0	1989-10
	DOM	12	0	0	...	0	2011-18	0	0	0	2007-45	4	6	0	0	0	...
MEX	HTI	64	0	0	...	0	2001-39	0	0	0	2006-21	0	26	11	0	0	...
	MEX	1633	...	...	...	154 <sup>b</sup>	2020-17	0	0	0	2018-14	0	1108	0	0	0	...
NOA	CAN	...	...	1	...	1	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	12	...	12	2020-10	...	...	...	2019-03	...	...	...	...	...	2017-00
SOC	ARG	77	0	56	...	56	2020-12	0	0	0	2019-47	0	21	0	0	0	2009-27
	CHL	38	0	2	...	2	2020-03	0	0	0	2019-14	0	32	0	0	0	...
	PRY	403	0	0	...	0	1998-44	0	0	0	2005-21	1	346	6	0	0	2003-06
	URY	2	0	2	...	2	2020-07	0	0	0	2001-37	0	0	0	0	0	...
<b>TOTAL</b>	<b>12815</b>	<b>715</b>	<b>2270</b>	<b>0</b>	<b>3139</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>11</b>	<b>4848</b>	<b>152</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>

\*Congenital Rubella Infection.

...No updated report received

(a) *Boletín Epidemiológico Semanal, SE 16-2020*, Instituto Nacional de Salud, Colombia; (b) General Surveillance of Epidemiology, Health Secretary of Mexico. Accessed on 1 May 2020.

[https://www.gob.mx/cms/uploads/attachment/file/548275/Tabla\\_resumen\\_casos\\_confirmados\\_sarampion\\_2020.04.24.pdf](https://www.gob.mx/cms/uploads/attachment/file/548275/Tabla_resumen_casos_confirmados_sarampion_2020.04.24.pdf)



**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases  
for the Period of Weeks 01-17, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL				2			
	COL							
	ECU							
	PER							
	VEN							
BRA CAP	BRA				2910			
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	DOM							
MEX	MEX		1	1	152			
	NOA	1						
SOC	CAN	12						
	USA	5						
	ARG	2			51			
	CHL							
	PRY							
URY		2						
<b>TOTAL</b>		<b>20</b>	<b>3</b>	<b>1</b>	<b>3115</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation  
for the Period of Weeks 01-17 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset							% Pend. Cases
			1-12	13	14	15	16	17		
BOL	1	0	0	0	0	0	0	0	0	0
COL	119	...	...	...	...	...	...	...	...	...
ECU	8	...	...	...	...	...	...	...	...	...
PER	13	3	3	0	0	0	0	0	0	7
VEN	3	138	137	0	1	0	0	0	0	53
BRA	7598	3588	3207	183	99	56	43	0	0	39
CRI	0	2	2	...	...	...	...	...	...	50
GTM	0	2	2	0	0	0	0	0	0	6
HND	0	0	0	0	0	0	0	0	0	0
NIC	4	4	0	0	4	0	0	0	0	10
PAN	1	1	1	0	0	0	0	...	...	7
SLV	0	0	0	...	...	...	...	...	...	0
CAR	6	10	10	0	0	0	0	0	0	23
LAC	0	0	0	0	0	...	...	...	...	0
DOM	20	2	2	0	0	0	0	0	0	17
HTI	34	38	37	0	0	1	0	0	0	59
MEX	248	353	133	76	49	37	38	20	22	22
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	2	0	0	0	0	0	0	0	0	0
CHL	9	4	4	0	0	0	0	...	...	11
PRY	85	56	48	1	2	1	2	2	2	14
URY	3	0	0	...	...	...	...	...	...	0
<b>TOTAL</b>	<b>8154</b>	<b>4201</b>	<b>3586</b>	<b>260</b>	<b>155</b>	<b>95</b>	<b>83</b>	<b>22</b>	<b>33</b>	

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-17, 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 (2019/18-2020/17)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	85	70	53	68	1.2	0.3
	COL	5200	94	...	...	...	...	1.7	6.1
	ECU	2184	...	...	...	...	...	...	...
	PER	7781	...	95	83	67	58	1.1	0.0
	VEN	13092	...	100	100	0	0	0.4	0.6
CAP	BRA	...	...	...	...	...	...	30.4	0.1
	CRI	57	...	100	100	100	75	1.0	8.4
	GTM	1541	98	100	100	58	94	1.4	0.0
	HND	469	91	96	100	80	97	4.1	1.4
	NIC	185	100	95	97	95	97	7.3	3.6
	PAN	324	...	79	100	100	100	1.3	0.0
	SLV	1271	...	100	100	100	33	5.3	0.0
CAR	CAR	763	91	67	88	13	63	3.6	4.5
LAC	CUB	168	...	100	100	100	100	24.7	0.0
	DOM	247	...	58	92	83	50	1.0	0.0
	HTI	659	87	84	98	48	58	1.5	1.5
MEX	MEX	20104	96	96	98	88	84	4.1	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	13	95	60	55	0.7	0.0
	CHL	767	...	8	95	92	94	2.1	7.4
	PRY	1291	98	74	92	83	92	19.4	0.8
	URY	155	...	100	0	0	0	1.3	0.0
<b>Total and Average*</b>		<b>59699</b>	<b>48</b>	<b>92</b>	<b>97</b>	<b>86</b>	<b>87</b>	<b>12.4</b>	<b>1.0</b>

\*Weighted

... No updated report received