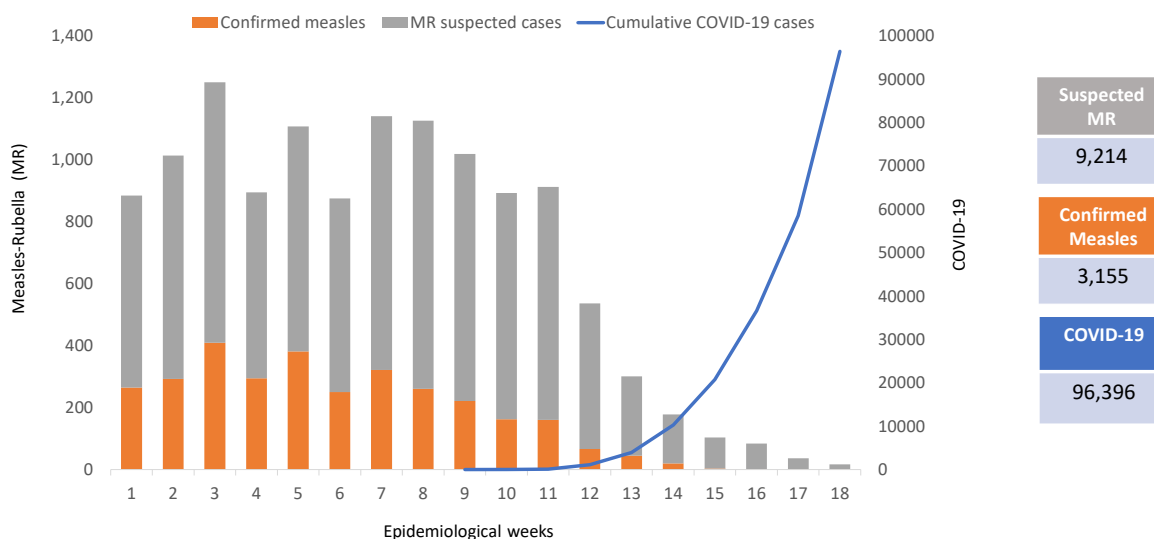




Notification of measles, rubella and COVID-19 cases in Brazil, 2020*



Source: Ministry of Health of Brazil: a) weekly measles and rubella surveillance reports sent to PAHO; b) <https://covid.saude.gov.br/>
 *Data reported for the epidemiological weeks 1-18, 2020.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-19, 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	24	0	2	...	2	2020-16	0	0	0	2006-03	2	20	0	0	0	...
	COL ^a	432	...	...	...	...	2019-51	0	0	0	2012-31	...	...	112	0	0	2005-34
	ECU	...	...	...	...	...	2018-33	...	...	...	2004-49	...	...	0	...	...	2011-14
	PER	41	0	0	...	0	2019-18	0	0	0	2009-04	0	38	0	0	0	2007-16
	VEN	258	0	0	...	0	2019-33	0	0	0	2007-51	0	3	19	0	0	...
BRA	BRA	9214	717	2438	...	3155	2020-18	0	0	0	2014-40	0	2948	0	0	0	2009-34
CAP	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	71	0	0	...	0	1998-16	0	0	0	2004-11	0	71	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	20	0	0	...	0	2011-20	0	0	0	2002-48	0	13	0	0	0	...
	SLV	55	0	0	...	0	2001-19	0	0	0	2006-30	0	55	108	0	0	2001-00
CAR	CAR	44	0	0	...	0	2019-48	0	0	0	2008-18	0	33	12	0	0	1999-00
LAC	CUB	553	0	0	...	0	2019-24	0	0	0	2004-06	0	553	0	0	0	1989-10
	DOM	12	0	0	...	0	2011-18	0	0	0	2007-45	4	6	0	0	0	...
	HTI	69	0	0	...	0	2001-39	0	0	0	2006-21	0	28	11	0	0	...
MEX	MEX	1700	...	...	...	172 ^b	2020-19	0	0	0	2018-14	0	1168	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	100	0	56	...	56	2020-12	0	0	0	2019-47	0	44	0	0	0	2009-27
	CHL	38	0	2	...	2	2020-03	0	0	0	2019-14	0	32	0	0	0	...
	PRY	420	0	0	...	0	1998-44	0	0	0	2005-21	2	378	6	0	0	2003-06
	URY	2	0	2	...	2	2020-07	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		13127	717	2513	0	3402	--	0	0	0	--	12	5452	284	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) *Boletín Epidemiológico Semanal, SE 18-2020*, Instituto Nacional de Salud, Colombia; (b) General Surveillance of Epidemiology, Health Secretary of Mexico. Accessed on 7 May 2020.

https://www.gob.mx/cms/uploads/attachment/file/552469/Tabla_resumen_casos_confirmados_sarampion_2020.05.15.pdf



Table No.2
Infection Source of Measles and Rubella Confirmed Cases
for the Period of Weeks 01-19, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL				2			
	COL							
	ECU							
	PER							
VEN	VEN			3155				
	BRA							
	CAP							
	CRI							
GTM	GTM							
	HND							
	NIC							
	PAN							
SLV	SLV							
	CAR						1	
	LAC							
	CUB							
DOM	DOM							
	HTI							
	MEX		1	1	170			
	NOA	1						
CAN	CAN	12						
	USA	5						
	SOC	2			51			
	CHL							
PRY	PRY							
	URY		2					
	TOTAL	20	3	3156	223	0	0	1

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-19 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset						% Pend. Cases
			1-14	15	16	17	18	19	
BOL	1	0	0	0	0	0	0	0	0
COL	119	...	...	...	...	...	...	...	...
ECU	8	...	...	...	...	...	...	...	...
PER	13	3	3	0	0	0	0	0	7
VEN	3	138	138	0	0	0	...	...	53
BRA	7598	3111	2941	69	65	25	11	0	34
CRI	0	2	2	...	...	...	...	...	50
GTM	0	2	2	0	0	0	0	0	6
HND	0	0	0	0	0	0	0	0	0
NIC	4	4	4	0	0	0	...	...	10
PAN	1	7	3	0	1	0	3	0	35
SLV	0	0	0	0	0	0	0	0	0
CAR	6	10	10	0	0	0	0	0	23
LAC	0	0	0	0	0	0	0	0	0
CUB	20	2	2	0	0	0	0	0	17
DOM	34	41	39	1	1	0	0	0	59
HTI	248	356	238	31	34	30	10	13	21
MEX	...	...	...	...	...	...	...	...	...
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	0	0	0	0	0	0	0	0
CHL	9	4	4	0	0	...	...	...	11
PRY	85	40	34	0	1	0	3	2	10
URY	3	0	0	...	...	...	...	...	0
TOTAL	8154	3720	3420	101	102	55	27	15	28

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-19, 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 (2019/20-2020/19)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	92	79	63	75	1.1	0.3
	COL	5221	94	...	...	...	...	1.5	6.5
	ECU	2184	...	...	...	...	...	...	...
	PER	7781	...	95	83	67	58	1.0	0.0
VEN	VEN	13092	...	100	100	0	0	0.4	0.6
	BRA	...	...	0	0	0	0	30.3	0.1
	CAP	57	...	100	100	100	75	0.9	8.4
	CRI	1541	...	100	100	58	94	1.2	0.0
GTM	GTM	469	...	96	100	80	97	4.0	1.4
	HND	185	...	95	97	95	97	6.7	3.6
	NIC	324	...	75	95	90	85	1.4	0.0
	PAN	1271	...	87	98	100	96	6.0	0.0
SLV	SLV	763	62	68	89	15	64	3.4	4.5
	CAR	168	...	100	100	100	100	24.6	0.0
	LAC	247	...	58	92	83	50	0.8	0.0
	CUB	659	92	84	97	48	55	1.4	1.5
DOM	DOM	20110	94	96	98	90	87	4.0	0.0
	HTI	...	...	...	...	...	...	...	...
	MEX	...	...	...	...	...	...	...	...
	NOA	...	...	...	...	...	...	...	...
CAN	CAN	784	0	16	96	58	49	0.7	0.0
	USA	767	0	8	95	92	94	2.0	7.4
	SOC	1291	98	75	92	83	94	18.5	0.8
	CHL	155	0	100	0	0	0	0.8	0.0
PRY	PRY	...	...	...	...	...	...	...	...
	URY	...	...	...	...	...	...	...	...
	TOTAL and Average*	59726	44	90	97	87	88	12.3	1.0

*Weighted

... No updated report received