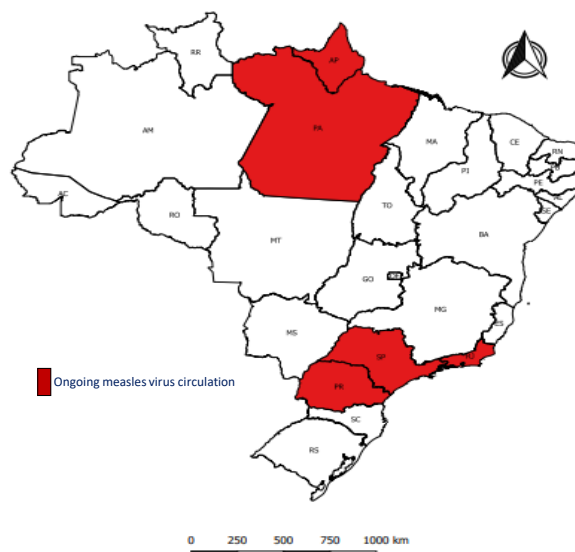




Measles outbreak in Brazil, 2020^(a)

- Brazil reported **7,718 confirmed measles cases** in 2020; of this total, 65% were in the state of Pará.
- **Five states** (Amapá, Pará, Paraná, Rio de Janeiro and São Paulo) reported ongoing virus circulation in the last 90 days.
- **Infants aged <1 year old** reported the highest incidence rate (104,00 cases per 100,000 population), followed by young adults aged 15 to 19 years old and 20 to 29 years old, though this last group reported the highest proportion of confirmed cases.
- **Five deaths** were reported in children <5 years old, in three states.
- The country has scheduled a **multi-antigen vaccination campaign** in October of this year, targeting individuals <15 years old nationwide.
- Genotype D8, lineage GirSomnath was isolated.



Source: Health Secretariat, Ministry of Health of Brazil. ^a Data until the Epidemiological week 32, updated in 17/08/2020, subject to change

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-35, 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	44	0	2	...	2	2020-16	0	0	0	2006-03	11	31	0	0	0	...
	COL	556	...	1	...	1	2020-09	0	0	0	2012-31	...	411	156	0	0	2005-34
	ECU	...	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	...	2011-14
	PER	53	0	0	...	0	2019-18	0	0	0	2009-04	0	50	0	0	0	2007-16
	VEN	503	0	0	...	0	2019-33	0	0	0	2007-51	33	279	0	0	0	...
BRA	BRA	16018	2728	5128	...	7856	2020-33	0	0	0	2014-40	0	7437	26	0	0	2009-34
	CRI	50	0	0	...	0	2019-13	0	0	0	2001-39	1	21	81	0	0	...
	GTM	52	0	0	...	0	2018-03	0	0	0	2006-31	1	39	1	0	0	2005-00
	HND	81	0	0	...	0	1998-16	0	0	0	2004-11	0	81	6	0	0	2001-00
	NIC	73	0	0	...	0	1994-14	0	0	0	2004-19	4	61	21	0	0	2005-00
CAR	PAN	28	0	0	...	0	2011-20	0	0	0	2002-48	0	27	0	0	0	...
	SLV	65	0	0	...	0	2001-19	0	0	0	2006-30	0	64	149	0	0	2001-00
	CAR	49	0	0	...	0	2019-48	0	0	0	2008-18	0	48	12	0	0	1999-00
	CUB	684	0	0	...	0	2019-24	0	0	0	2004-06	0	684	0	0	0	1989-10
	DOM	15	0	0	...	0	2011-18	0	0	0	2007-45	4	8	0	0	0	...
MEX	HTI	91	0	0	...	0	2001-39	0	0	0	2006-21	0	59	23	0	0	...
	MEX	2052	...	186	10	196	2020-23	0	0	0	2018-14	0	1792	0	0	0	...
	CAN	...	...	1	...	1	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
SOC	USA	...	...	12	...	12	2020-10	...	...	...	2019-03	...	...	...	...	...	2017-00
	ARG	326	0	60	1	61	2020-12	0	0	0	2019-47	3	261	0	0	0	2009-27
	CHL	38	0	2	...	2	2020-03	0	0	0	2019-14	0	32	0	0	0	...
	PRY	488	0	0	...	0	1998-44	0	0	0	2005-21	2	431	6	0	0	2003-06
	URY	9	0	0	2	2	2020-07	0	0	0	2001-37	0	6	0	0	0	...
TOTAL	21275	2728	5392	13	8133	--	0	0	0	--	59	11822	481	0	0	0	--

*Congenital Rubella Infection.

...No updated report received



Measles, Rubella, and Congenital Rubella Syndrome Surveillance in the Americas

Vol. 26, No. 35

Table No.2
Infection Source of Measles and Rubella Confirmed Cases
for the Period of Weeks 01-35, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL				2			
	COL	1						
	ECU							
	PER							
	VEN							
BRA CAP	BRA			7856				
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	CUB							
MEX	DOM							
	HTI							
NOA	MEX*							
	CAN	1						
SOC	USA	12						
	ARG	7			54			
	CHL	2						
	PRY							
	URY		2					
TOTAL		23	2	7856	56	0	0	0

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-35, 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset							% Pend. Cases
			1-30	31	32	33	34	35		
BOL	1	0	0	0	0	0	0	0	0	0
COL	0	144	144	0	0	0	...	...	...	26
ECU	8	...	...	...	...	...	...	...	...	...
PER	13	3	3	0	0	0	0	0	0	11
VEN	5	191	183	2	3	3	0	0	0	0
BRA	2597	703	672	16	15	0	0	0	0	7
CRI	0	28	28	0	0	0	0	0	0	57
GTM	0	12	11	0	1	...	...	...	...	23
HND	0	0	0	0	0	0	0	0	0	0
NIC	0	8	1	2	1	3	0	1	8	8
PAN	1	1	1	...	...	...	...	...	...	4
SLV	0	0	0	...	...	...	...	...	...	0
CAR	6	1	1	0	0	0	0	0	0	2
CUB	0	0	0	...	...	...	...	...	...	0
DOM	20	3	3	...	...	...	...	...	...	20
HTI	30	32	32	0	0	0	0	0	0	36
MEX	248	64	38	9	6	5	6	0	3	3
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	3	1	1	0	0	0	0	0	0	0
CHL	9	4	4	...	...	...	...	...	...	11
PRY	85	55	52	0	3	0	0	0	0	12
URY	3	1	1	0	0	0	0	0	0	0
TOTAL	3029	1251	1175	29	29	11	6	1	6	

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-35, 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 (2019/36-2020/35)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657	...	91	91	68	84	0.9	0.0	
	COL	4612	...	47	...	...	...	1.1	7.1
	ECU	2184	...	...	...	...	...	...	...
	PER	7781	...	96	85	66	57	0.5	0.0	
	VEN	13092	...	39	86	17	27	0.7	0.3	
CAP	BRA	...	...	...	...	72	55	24.7	0.1
	CRI	57	...	92	44	100	91	1.3	20.3	
	GTM	1541	...	100	96	44	69	0.6	0.0	
	HND	469	91	96	100	77	94	2.1	1.6	
	NIC	185	100	95	97	96	97	2.2	4.3	
	PAN	324	...	93	96	71	89	1.0	0.0	
	SLV	1282	...	86	97	98	92	2.9	0.0	
	CAR	CAR	763	83	61	96	22	73	1.7	4.4
	LAC	CUB	168	...	100	100	100	100	13.7	0.0
	DOM	247	...	53	93	80	53	0.3	0.0	
MEX	HTI	659	91	88	98	51	46	0.9	1.9	
	MEX	20020	95	96	98	93	90	2.7	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	7	92	67	52	1.7	0.0	
	CHL	767	...	8	95	92	94	1.0	7.4	
	PRY	1291	98	74	92	84	93	14.2	0.9	
	URY	155	...	67	33	38	38	0.4	0.0	
Total and Average*		59038	37	77	95	74	61	9.7	0.9	

*Weighted

... No updated report received