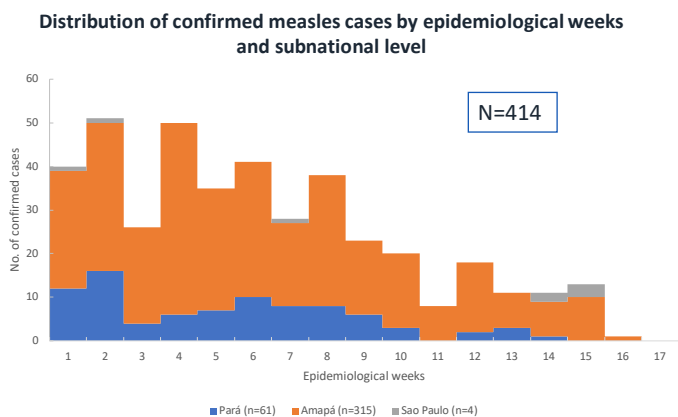
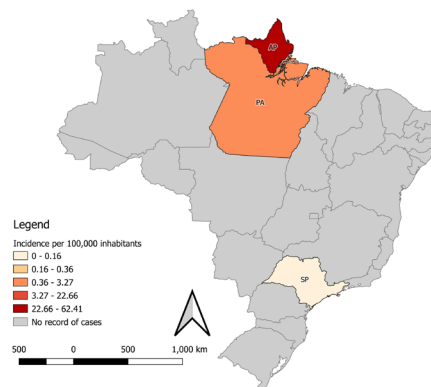




Measles outbreak in Brazil, 2021*



Distribution of measles incidence rate by subnational level



Most affected groups (with data available for 347 cases):

<1 year old: 55,74 per 100,000 population | 1-4years old: 11,95 per 100,000 population

Source: Ministry of Health of Brazil. *Data as of epidemiological week 17, 2021

As of epidemiological week 17 of 2021, Brazil confirmed 414 cases as measles in three states: Amapá, Pará and São Paulo, where outbreaks are still active. The most affected groups are infants less than 1 year old and preschool aged children (1-4yr); 54% of the cases were reported among male. Genotype and lineage analysis is underway.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-18, 2021

Subregion and Country	Susp. Cases 2021	Measles Confirmed 2021				Year/Week Last Conf. Measles case	Rubella Confirmed 2021			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2021		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	20	0	0	...	0	2020-16	0	0	0	2006-03	0	20	0	0	0	...
	COL	...	...	...	...	...	2020-09	...	...	...	2012-31	...	...	...	...	...	2005-34
	ECU	...	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	...	2011-14
	PER	18	0	0	...	0	2019-18	0	0	0	2009-04	0	14	0	0	0	2007-16
	VEN	389	0	0	...	0	2019-33	0	0	0	2007-51	6	383	0	0	0	...
BRA	BRA	1028	93	321	...	414	2021-16	0	0	0	2014-40	0	406	11	0	0	2009-34
CAP	CRI	10	0	0	...	0	2019-13	0	0	0	2001-39	0	8	27	0	0	...
	GTM	40	0	0	...	0	2018-03	0	0	0	2006-31	0	40	1	0	0	2005-00
	HND	12	0	0	...	0	1998-16	0	0	0	2004-11	0	12	7	0	0	2001-00
	NIC	50	0	0	...	0	1994-14	0	0	0	2004-19	0	42	19	0	0	2005-00
	PAN	3	0	0	...	0	2011-20	0	0	0	2002-48	0	3	0	0	0	...
	SLV	37	0	0	...	0	2001-19	0	0	0	2006-30	0	37	0	0	0	2001-00
CAR	CAR	2	0	0	...	0	2019-48	0	0	0	2008-18	0	1	0	0	0	1999-00
LAC	CUB	85	0	0	...	0	2019-24	0	0	0	2004-06	0	85	0	0	0	1989-10
	DOM	11	0	0	...	0	2011-18	0	0	0	2007-45	1	8	0	0	0	...
	HTI	62	0	0	...	0	2001-39	0	0	0	2006-21	0	38	12	0	0	...
MEX	MEX	317	0	0	...	0	2020-23	0	0	0	2018-14	0	266	0	0	0	...
NOA	CAN	...	...	...	...	0	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	...	...	0	2020-48	...	...	...	2019-03	...	...	...	...	...	2017-00
SOC	ARG	0	0	0	...	0	2020-12	0	0	0	2019-47	0	0	0	0	0	2009-27
	CHL	9	0	0	...	0	2020-03	0	0	0	2019-14	0	9	28	0	0	...
	PRY	187	0	0	...	0	1998-44	0	0	0	2005-21	1	184	1	0	0	2003-06
	URY	0	0	0	...	0	2020-07	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		2280	93	321	...	414	--	0	0	0	--	8	1596	106	0	0	--

*Congenital Rubella Infection.

...No updated report received



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

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Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-18, 2021

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA				414			
	CAP							
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	DOM							
	HTI							
MEX	MEX							
NOA	CAN							
	USA							
SOC	ARG							
	CHL							
	PRY							
	URY							
TOTAL		0	0	0	414	0	0	0

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

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-18, 2021

Country	Pending Cases 2020	Cumulative 2021	Week of Onset						% Pend. Cases	
			1-13	14	15	16	17	18		
BOL	0	0	0	0	0	0	0	0	0	
COL	158	...	...	...	...	...	...	...	...
ECU	25	...	...	...	...	...	...	...	...
PER	2	4	1	0	0	2	1	0	22	
VEN	46	106	95	10	1	0	0	...	27	
BRA	511	168	99	18	25	13	13	0	16	
CRI	0	2	2	0	0	0	0	...	20	
GTM	0	0	0	0	0	0	0	0	0	
HND	0	0	0	0	0	0	0	0	0	
NIC	0	8	0	0	2	4	2	...	16	
PAN	0	0	0	0	0	0	0	0	0	
SLV	0	0	0	...	...	...	...	...	0
CAR	0	1	0	0	0	1	0	0	50	
LAC	0	0	0	...	...	...	...	...	0
	DOM	1	2	0	0	0	1	1	18	
	HTI	18	24	12	2	4	5	1	39	
MEX	MEX	153	51	16	4	5	8	12	6	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	1	0	0	0	0	0	0	0	
	CHL	1	0	0	0	0	0	0	0	
	PRY	11	2	2	0	0	0	0	1	
	URY	1	0	0	0
TOTAL		928	368	227	34	37	33	30	7	16

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-18, 2021

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 (2020/20-2021/18)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	2657	...	95	100	85	85	1.0	0.0	
	COL	9224	...	...	...	...	...	0.4	4.4
	ECU	2184	...	...	...	...	...	0.2	0.0
	PER	7781	...	78	83	60	53	0.1	0.0	
	VEN	13092	...	92	90	29	18	0.2	0.0	
CAP	BRA	...	69	...	...	98	85	1.4	0.1
	CRI	82	100	100	100	100	30	0.9	23.0	
	GTM	1541	...	100	100	78	98	0.4	0.0	
	HND	469	93	100	100	92	100	0.6	0.8	
	NIC	185	...	100	96	92	92	2.0	3.2	
	PAN	324	...	100	100	100	100	0.3	0.0	
	SLV	1291	...	95	86	100	100	1.8	0.0	
	CAR	CAR	758	...	0	50	0	100	0.2	1.0
	LAC	CUB	168	...	100	100	100	100	9.5	0.0
		DOM	247	...	0	82	67	44	0.4	0.0
	HTI	659	92	90	97	42	60	1.0	2.4	
MEX	MEX	20212	95	95	100	98	95	0.9	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	0	0	0	...	0.0	
	CHL	787	63	67	0	0	0	0.1	0.8	
	PRY	1329	92	60	100	77	89	4.6	0.1	
	URY	155	...	0	0	0	0	0.1	0.0	
Total and Average*		63929	34	89	96	82	75	1.1	0.8	

*Weighted

... No updated report received

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition. International Programs Center, Population Division, U.S. Census Bureau IDB Release Date: September 2019.