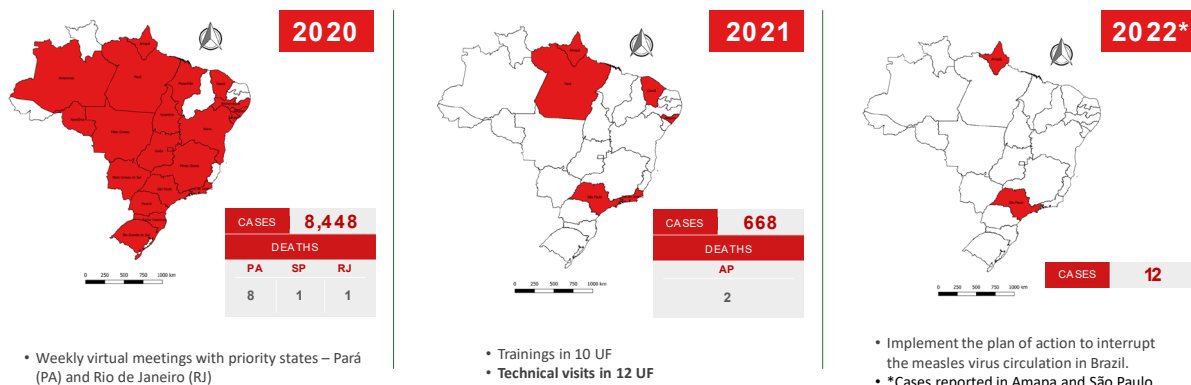


Measles epidemiological situation and surveillance actions carried out during the COVID-19 pandemic

Map. Distribution of measles cases, by Federation Unit (UF) and actions taken during the pandemic period, Brazil, 2020 to 2022



Source: SVS/MS. Measles data updated on 24 March 2022, subject to change. Coverage: <http://sipni.datasus.gov.br>. Preliminary data updated as of March 2022.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 13, 2022

Subregion and Country	Susp. Cases 2022	Measles Confirmed 2022				Year/Week Last Conf. Measles case	Rubella Confirmed 2022			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2022		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	7	0	0	...	0	2020-16	0	0	0	2006-03	0	7	0	0	0	...
	COL	195	0	0	...	0	2020-09	0	0	0	2012-31	0	104	148	0	0	2005-34
	ECU	0	0	0	...	0	2018-33	0	0	0	2004-49	0	0	0	0	0	2011-14
	PER	23	0	0	...	0	2019-18	0	0	0	2009-04	0	19	0	0	0	2007-16
	VEN	103	0	0	...	0	2019-33	0	0	0	2007-51	2	7	0	0	0	...
BRA	BRA	276	0	13	...	13	2022-09	0	0	0	2014-40	0	163	11	...	...	2009-34
CAP	CRI	0	0	0	...	0	2019-13	0	0	0	2001-39	0	0	5	...	...	...
	GTM	20	0	0	...	0	2018-03	0	0	0	2006-31	0	19	0	...	...	2005-00
	HND	21	0	0	...	0	1998-16	0	0	0	2004-11	0	19	1	0	0	2001-00
	NIC	33	0	0	...	0	1994-14	0	0	0	2004-19	0	31	9	0	0	2005-00
	PAN	...	...	...	...	...	2011-20	...	...	...	2002-48	...	...	...	...	...	...
	SLV	101	0	0	...	0	2001-19	0	0	0	2006-30	0	101	70	0	0	2001-00
CAR	CAR	0	0	0	...	0	2019-48	0	0	0	2008-18	0	0	0	0	0	1999-00
LAC	CUB	...	...	...	...	...	2019-24	...	...	...	2004-06	...	...	...	...	...	1989-10
	DOM	15	0	0	...	0	2011-18	0	0	0	2007-45	2	4	0	0	0	...
	HTI	24	0	0	...	0	2001-39	0	0	0	2006-21	0	15	13	0	0	...
MEX	MEX	353	0	0	...	0	2020-23	0	0	0	2018-14	0	298	0	0	0	...
NOA	CAN	...	...	1	...	1	2022-10	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	2	...	2	2022-06	0	0	0	2019-03	...	...	...	...	...	2017-00
SOC	ARG ^a	24	0	1	...	1	2022-12	0	0	0	2019-47	0	24	0	0	0	2009-27
	CHL	9	0	0	...	0	2020-03	0	0	0	2019-14	0	8	11	0	0	...
	PRY	133	0	0	...	0	1998-44	0	0	0	2005-21	0	121	0	0	0	2003-06
	URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...
TOTAL		1337	0	17		17		0	0	0		4	940	268	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) Source: Ministry of Health, Argentina webpage: <https://bancos.salud.gob.ar/recurso/actualizacion-epidemiologica-caso-confirmado-de-sarampion-importado-en-ciudad-de-buenos>



Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 13, 2022

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA			13				
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	DOM							
HTI								
MEX	MEX							
NOA	CAN	1						
	USA	2						
SOC	ARG	1						
	CHL							
	PRY							
	URY							
TOTAL		4	0	13	0	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 13, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset						% Pend. cases
			1-8	9	10	11	12	13	
BOL	0	0	0	0	0	...	...	...	0
COL	133	91	19	13	10	27	22	0	47
ECU	47	0	0	0	0	0	...	...	0
PER	0	4	0	1	0	2	0	1	17
VEN	5	0	0	0	...	...	...	...	0
BRA	28	100	59	13	16	12	0	0	36
CRI	3	0	0	...	...	...	...	...	0
GTM	0	1	0	1	0	0	0	0	5
HND	1	2	2	0	0	0	0	0	10
NIC	0	2	1	1	0	0	0	0	6
PAN	1	...	...	...	...	...	...	...	...
SLV	0	0	0	0	0	0	...	...	0
CAR	1	0	0	0	0	0	0	0	0
CUB	0	...	...	...	...	...	...	...	...
DOM	0	9	1	0	4	0	3	1	60
HTI	20	9	9	0	0	0	0	0	38
MEX	58	55	10	2	6	6	15	16	16
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0
CHL	0	1	0	0	0	0	1	0	11
PRY	1	12	3	0	1	1	4	3	9
URY	0	...	...	...	...	...	...	...	...
TOTAL	298	286	104	31	37	48	45	21	21

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 13, 2022

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 (2021/14-2022/13)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	2657	...	57	86	86	71	0.9	1.3	
	COL	5296	...	6	0	0	0	1.9	3.2	
	ECU	2184	...	0	0	0	0	1.0	0.0	
	PER	7781	...	83	74	32	21	0.2	0.0	
	VEN	13092	...	92	94	28	73	1.0	0.0	
CAP	BRA	...	...	...	...	91	88	0.9	0.2
	CRI	82	...	0	0	0	0	0.2	12.0	
	GTM	1541	...	100	90	85	90	0.4	0.0	
	HND	469	92	86	100	95	90	0.6	0.9	
	NIC	185	...	100	94	91	91	2.0	4.5	
	PAN	324	...	...	...	...	...	0.4	0.0
	SLV	1305	...	88	98	97	91	6.4	24.3	
	CAR	CAR	758	52	0	0	0	0	0.1	0.0
	LAC	CUB	168	1.4	0.0
	DOM	247	...	13	33	80	100	0.4	0.0	
HTI	659	96	88	100	25	46	1.1	1.6		
MEX	MEX	20216	97	95	100	90	91	1.2	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	79	58	29	0.2	0.0	
	CHL	799	74	67	78	100	100	0.2	5.0	
	PRY	1384	98	79	97	80	97	7.5	0.3	
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		60086	38	73	95	81	86	1.1	0.9	

*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.