



Percent measles-rubella cases with adequate investigation Surveillance Indicator



Source: Integrated Surveillance Information System (ISIS) and country reports to FPL-IM/PAHO. | * Data as of 6 January 2022 (Brazil data as of EW 2021-39).

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 1-52, 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	104	0	0	...	0	0	0	2020-16	0	0	0	9	95	30	0	0	...		
	COL	974	0	0	...	0	0	0	2020-09	0	0	0	0	855	157	0	0	2005-34		
	ECU	202	0	0	...	0	0	0	2018-33	...	...	...	6	149	0	0	0	2011-14	
	PER	67	0	0	...	0	0	0	2019-18	0	0	0	0	64	0	0	0	2007-16		
	VEN	1249	0	0	...	0	0	0	2019-33	0	0	0	2007-51	37	1008	0	0	0	...	
BRA	BRA	2615	145	516	...	661	0	0	0	2021-47	0	0	0	2014-40	0	1763	64	0	0	2009-34
	CRI	20	0	0	...	0	0	0	2019-13	0	0	0	2001-39	0	17	75	0	0	...	
	GTM	83	0	0	...	0	0	0	2018-03	0	0	0	2006-31	1	82	1	0	0	2005-00	
	HND	52	0	0	...	0	0	0	1998-16	0	0	0	2004-11	1	51	19	0	0	2001-00	
	NIC	139	0	0	...	0	0	0	1994-14	0	0	0	2004-19	1	136	50	0	0	2005-00	
CAR	PAN	22	0	0	...	0	0	0	2011-20	0	0	0	2002-48	0	21	0	0	0	...	
	SLV	366	0	0	...	0	0	0	2001-19	0	0	0	2006-30	0	366	234	0	0	2001-00	
	CAR	5	0	0	...	0	0	0	2019-48	0	0	0	2008-18	0	4	0	0	0	1999-00	
	CUB	401	0	0	...	0	0	0	2019-24	0	0	0	2004-06	0	401	0	0	0	1989-10	
	DOM	33	0	0	...	0	0	0	2011-18	0	0	0	2007-45	1	31	0	0	0	...	
MEX	GUF	...	0	5	...	5	...	...	2021-44	...	...	...	...	...	...	...	...	...	...
	HTI	145	0	0	...	0	0	0	2001-39	0	0	0	2006-21	0	122	27	0	0	...	
	MEX	1402	0	0	...	0	0	0	2020-23	0	0	0	2018-14	0	1344	0	0	0	...	
	CAN	...	...	...	...	0	0	0	2020-06	0	0	0	2019-50	0	0	0	...	...	2018-39
	USA	48	1	49	0	0	0	2021-48	0	0	0	2019-03	0	0	0	2017-00
SOC	ARG	55	0	0	...	0	0	0	2020-12	0	0	0	2019-47	0	55	0	0	0	2009-27	
	CHL	46	0	0	...	0	0	0	2020-03	0	0	0	2019-14	0	46	100	0	0	...	
	PRY	581	0	0	...	0	0	0	1998-44	0	0	0	2005-21	1	576	5	0	0	2003-06	
	URY	0	0	0	...	0	0	0	2020-07	0	0	0	2001-37	0	0	0	0	0	...	
TOTAL	8561	145	569	1	715	--	0	0	0	--	57	7186	762	0	0	0	0	--		

*Congenital Rubella Infection.

...No updated report received



Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 1-52, 2021

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA CAP	BRA			661				
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	DOM							
MEX	GUF	2	3					
	HTI							
	MEX							
NOA	CAN							
	USA	48	1					
SOC	ARG							
	CHL							
	PRY							
	URY							
TOTAL		50	4	661	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 1-52, 2021

Country	Pending Cases 2020	Cumulative 2021	Week of Onset							% Pend. cases
			1-47	48	49	50	51	52		
BOL	0	0	0	0	0	0	0	0	0	0
COL	0	119	84	16	19	0	0	0	0	12
ECU	0	47	47	0	0	0	...	...	...	23
PER	0	3	1	0	2	0	0	0	0	4
VEN	0	10	10	0	0	0	0	0	...	1
BRA	511	191	129	13	18	28	3	0	0	7
CRI	0	3	3	0	...	...	...	...	...	15
GTM	0	0	0	0	0	0	0	0	0	0
HND	0	0	0	0	0	0	0	0	0	0
NIC	0	2	2	0	0	0	0	0	0	1
PAN	0	1	1	0	0	...	...	...	...	5
SLV	0	0	0	0	0	0	0	0	0	0
CAR	0	1	1	0	0	0	0	0	0	20
LAC	0	0	0	...	...	...	...	...	...	0
DOM	0	1	1	0	0	0	0	0	0	3
GUF	...	...	...	...	...	...	...	...	...	...
HTI	19	23	20	1	2	0	0	0	0	16
MEX	152	58	22	7	9	10	8	2	4	4
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	2	0	0	0	0	0	0	0	0	0
CHL	0	0	0	0	0	0	0	0	0	0
PRY	0	4	2	0	0	0	0	2	1	1
URY	1	0	0	...	...	...	...	...	...	0
TOTAL	685	463	323	37	50	38	11	4	5	

... No updated report

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-52, 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 (2021/01-2021/52)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	2657	...	98	98	95	94	0.9	1.3	
	COL	5302	97	44	0	0	0	1.9	2.1	
	ECU	2184	...	89	69	48	67	1.2	0.0	
	PER	7781	...	84	82	63	42	0.2	0.0	
	VEN	13092	...	92	93	26	23	1.0	0.0	
BRA CAP	BRA ^b	...	...	62	69	86	81	1.2	0.2
	CRI	82	...	95	100	100	50	0.4	11.2	
	GTM	1541	13	100	98	78	95	0.5	0.0	
	HND	469	93	94	100	92	90	0.5	0.9	
	NIC	185	...	100	97	96	94	2.1	3.9	
	PAN	324	...	68	86	59	1	0.5	0.0	
	SLV	1304	84	86	99	99	98	5.6	20.3	
	CAR	CAR	758	71	0	60	0	75	0.1	0.0
	LAC	CUB	168	...	100	100	100	100	0.8	0.0
	DOM	247	...	18	91	67	57	0.3	0.0	
MEX	HTI	659	94	90	94	45	63	1.3	1.1	
	MEX	20197	93	91	100	96	97	1.1	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	84	73	33	0.1	0.0	
	CHL	788	69	48	87	89	91	0.2	4.5	
	PRY	1362	96	79	97	82	96	8.1	0.3	
	URY	155	...	0	0	0	0	0.0	0.0	
Total and Average*		60039	48	76	86	77	76	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.

(b) Brazil data as of epidemiological week 2021-39.