

Performance of measles-rubella surveillance indicators Latin America, 2022*

Country/Territories	Total Population	Number of Suspected Cases	MR Notification rate per 100,000 population	% cases with adequate investigation	% cases with adequate sample	% serum samples received in laboratory in <= 5 days	% serum samples with laboratory results reported in <= 4 days
Peru	34,049,589	127	0.37	87	93	79	54
Panama	4,408,581	34	0.77	85	88	59	91
Guatemala	17,843,908	164	0.92	99	92	76	89
Costa Rica	5,180,829	64	1.24	98	86	95	80
Dominican Republic	11,228,821	141	1.26	47	97	82	87
Honduras	10,432,860	145	1.39	86	99	93	97
Chile	19,603,733	300	1.53	46	95	93	97
Haiti	11,584,996	190	1.64	90	95	20	69
Brazil	215,313,498	3,818	1.77	75	76	85	84
Mexico	127,504,126	2,533	1.99	92	100	95	95
Argentina	45,510,318	908	2.00	3	83	73	70
Bolivia	12,224,110	253	2.07	96	98	94	95
Nicaragua	6,948,392	147	2.12	99	95	93	91
Colombia	51,874,024	1,147	2.21	82	94	89	90
Ecuador	18,001,000	412	2.29	90	86	67	87
Venezuela	28,301,696	2,045	7.23	93	95	24	31
El Salvador	6,336,392	570	9.00	92	100	99	97
Paraguay	6,780,744	660	9.73	75	97	88	98
Cuba	11,212,191	1,594	14.22	100	100	100	100
Uruguay	3,422,794	...	...	...	...	...	...
Latin America	647,762,599	15252	2.35	81	91	79	81

Source: Integrated Surveillance Information System (ISIS) and country reports to CIM/PAHO.
* 2022 Measles-rubella final data reported.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-40, 2023

Subregion and Country	Susp. Cases 2023	Measles Confirmed 2023				Year/Week Last Conf. Measles case	Rubella Confirmed 2023			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2023		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case			
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*				
AND	BOL	125	0	0	...	0	0	0	2020-16	0	0	0	2006-03	26	79	0	0	0	...
	COL	1371	0	0	...	0	0	0	2020-09	0	0	0	2012-31	0	1241	713	0	0	2005-34
	ECU	344	0	0	...	0	0	0	2022-46	0	0	0	2004-49	10	285	0	0	0	2011-14
	PER	109	0	0	...	0	0	0	2019-18	0	0	0	2009-04	0	94	0	0	0	2007-16
	VEN	1646	0	0	...	0	0	0	2019-33	0	0	0	2007-51	67	1579	0	0	0	...
BRA	BRA	1698	0	0	...	0	0	0	2022-28	0	0	0	2014-40	0	1548	49	0	0	2009-34
CAP	CRI	84	0	0	...	0	0	0	2019-13	0	0	0	2001-39	0	84	16	0	0	...
	GTM	190	0	0	...	0	0	0	2018-03	0	0	0	2006-31	0	189	0	0	0	2005-00
	HND	88	0	0	...	0	0	0	1998-16	0	0	0	2004-11	0	86	16	0	0	2001-00
	NIC	134	0	0	...	0	0	0	1994-14	0	0	0	2004-19	27	99	34	0	0	2005-00
	PAN	45	0	0	...	0	0	0	2011-20	0	0	0	2002-48	0	44	0	0	0	...
	SLV	422	0	0	...	0	0	0	2001-19	0	0	0	2006-30	0	422	228	0	0	2001-00
CAR	CAR	56	0	0	...	0	0	0	2019-48	0	0	0	2008-18	0	53	0	0	0	1999-00
LAC	CUB	1906	0	0	...	0	0	0	2019-24	0	0	0	2004-06	0	1906	0	0	0	1989-10
	DOM	194	0	0	...	0	0	0	2011-18	0	0	0	2007-45	42	152	0	0	0	...
	HTI	212	0	0	...	0	0	0	2001-39	0	0	0	2006-21	0	152	39	0	0	...
MEX	MEX	1777	0	0	...	0	0	0	2020-23	0	0	0	2018-14	0	1610	0	0	0	...
NOA	CAN	...	...	8	...	8	2023-39	...	1	1	2023-36	0	0	0	2	...	...	2023-32	
	USA	...	...	29	...	29	2023-39	...	...	...	2021-38	0	0	0	...	...	...	2017-00	
SOC	ARG	174	0	0	...	0	2022-26	0	0	0	2019-47	0	174	0	0	0	0	2009-27	
	CHL	78	0	1	...	1	2023-32	0	0	0	2019-14	0	77	51	0	0	0	...	
	PRY	1165	0	0	...	0	1998-44	0	0	0	2005-21	1	893	7	0	0	0	2003-06	
	URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...	...
TOTAL		11818	0	38	...	38	--	0	1	1	--	173	10767	1153	2	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 1-40, 2023

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							
	CAP							
	CRI							
	GTM							
	HND							
CAR	NIC							
	PAN							
	SLV							
	CAR							
	CUB							
LAC	DOM							
	HTI							
	MEX							
NOA	MEX	7			1	1		
	CAN	29						
SOC	USA							
	ARG							
	CHL	1						
	URY							
TOTAL		37	0	0	1	1	0	0

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 1-40, 2023

Country	Pending Cases 2022	Cumulative 2023	Week of Onset						% Pend. cases
			1-35	36	37	38	39	40	
BOL	0	20	19	0	1	...	...	...	16
COL	0	130	73	7	16	22	12	0	9
ECU	1	49	19	8	9	10	3	0	14
PER	0	15	8	0	1	3	1	2	14
VEN	0	0	0	0	0	0	0	...	0
BRA	0	150	91	18	21	20	0	0	9
CAP	0	0	0	...	...	...	...	...	0
CRI	0	0	0	0	0	0	0	...	1
GTM	0	1	1	0	0	0	0	...	1
HND	2	2	0	0	0	1	1	0	2
NIC	0	8	1	0	1	3	1	2	6
PAN	0	1	1	0	0	0	0	...	2
SLV	0	0	0	0	0	0	0	0	0
CAR	0	3	2	0	0	0	1	0	5
CUB	0	0	0	0	0	0	0	0	0
DOM	0	0	0	0	0	0	0	0	0
HTI	34	60	57	0	2	1	0	0	28
MEX	0	167	118	7	10	8	10	14	9
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0
CHL	0	0	0	0	0	0	0	0	0
URY	0	271	256	2	3	2	8	0	23
...
TOTAL	37	877	646	42	64	70	37	18	7

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-40, 2023

Subregion and Country		Sites Reporting Weekly		% Suspected cases with adequate investigation	% Suspected cases with adequate sample	% Serum samples received in lab. ≤5 days	% Serum samples with lab. results reported ≤4 days	Rate of Suspected Cases Last 52 weeks (2022/41-2023/40)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	4161	...	94	88	82	83	1.5	0.0
	COL	4983	100	84	84	90	90	3.1	12.4
	ECU	2184	...	78	87	83	96	2.6	0.0
	PER	7781	...	86	87	73	46	0.4	0.0
	VEN	13092	...	90	94	22	57	4.6	0.0
CAP	BRA	...	...	...	...	88	86	1.1	0.2
	CRI	82	...	98	98	89	95	2.2	2.4
	GTM	1541	...	99	97	81	98	1.1	0.0
	HND	469	100	82	99	86	100	1.3	1.6
	NIC	185	...	93	100	99	99	2.7	5.8
CAR	PAN	324	...	91	100	78	100	1.2	0.0
	SLV	1327	89	93	99	99	100	7.1	39.7
	CAR	758	...	16	86	27	65	0.9	0.0
	CUB	168	...	100	100	100	100	15.4	0.0
	DOM	247	...	37	99	78	93	2.2	0.0
LAC	HTI	712	72	89	94	17	61	2.1	4.1
	MEX	20187	95	93	100	93	92	1.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	9	84	68	53	0.8	0.0
	CHL	811	71	88	94	91	93	0.7	5.2
	URY	1445	100	63	82	85	92	19.3	1.0
	URY	155	...	...	...	...	...	...	...
Total and Average*		61396	46	85	93	81	87	2.1	1.8

*Weighted

... No updated report received.

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2022). World Population Prospects 2022, Online Edition.