

Reported vs expected: number of measles and rubella (MR) suspected cases in Latin America, 2023

Country	No. of suspected MR cases reported by EW 36	No. of suspected MR cases expected by EW SE 52*	No. suspected MR cases to report to achieve the total number of cases expected by EW 52
Brazil	1562	4328	2766
Mexico	1580	2569	989
Argentina	153	915	762
Peru	88	687	599
Chile	46	393	347
Guatemala	157	362	205
Honduras	73	212	139
Ecuador	239	364	125
Bolivia	125	248	123
Dominican Republic	156	227	71
Uruguay	NR**	68	68
Panama	35	89	54
Haiti	194	234	40
Nicaragua	118	141	23
Costa Rica	84	104	20
Cuba	1745	224	1521
Paraguay	1130	137	993
Venezuela	1329	577	752
El Salvador	365	127	238
Colombia	1279	1042	237

*This is the cumulative number of cases to be reported for achieving the annual rate of 2 suspected MR cases per 100,000 population.
** NR: Not reporting

Source: Integrated Surveillance Information System (ISIS) and country reports to CIM/PAHO. | Data as of epidemiological week 36 of 2023.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-36, 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	2020-16	0	0	0	2006-03	26	79	0	0	0	...
	COL	1279	0	0	...	0	2020-09	0	0	0	2012-31	0	1112	615	0	0	2005-34
	ECU	239	0	0	...	0	2022-46	0	0	0	2004-49	9	223	0	0	0	2011-14
	PER	88	0	0	...	0	2019-18	0	0	0	2009-04	0	80	0	0	0	2007-16
	VEN	1329	0	0	...	0	2019-33	0	0	0	2007-51	33	842	0	0	0	...
BRA	BRA	1562	0	0	...	0	2022-28	0	0	0	2014-40	0	1420	44	0	0	2009-34
CAP	CRI	84	0	0	...	0	2019-13	0	0	0	2001-39	0	84	16	0	0	...
	GTM	157	0	0	...	0	2018-03	0	0	0	2006-31	0	156	0	0	0	2005-00
	HND	73	0	0	...	0	1998-16	0	0	0	2004-11	0	73	15	0	0	2001-00
	NIC	118	0	0	...	0	1994-14	0	0	0	2004-19	27	90	31	0	0	2005-00
	PAN	35	0	0	...	0	2011-20	0	0	0	2002-48	0	35	0	0	0	...
	SLV	365	0	0	...	0	2001-19	0	0	0	2006-30	0	365	228	0	0	2001-00
CAR	CAR	52	0	0	...	0	2019-48	0	0	0	2008-18	0	48	0	0	0	1999-00
LAC	CUB	1745	0	0	...	0	2019-24	0	0	0	2004-06	0	1745	0	0	0	1989-10
	DOM	156	0	0	...	0	2011-18	0	0	0	2007-45	30	126	0	0	0	...
	HTI	194	0	0	...	0	2001-39	0	0	0	2006-21	0	140	29	0	0	...
MEX	MEX	1580	0	0	...	0	2020-23	0	0	0	2018-14	0	1412	0	0	0	...
NOA	CAN	...	...	7	...	7	2023-24	...	...	...	2019-50	0	0	0	2	...	2023-32
	USA	...	...	22	...	22	2023-30	...	...	...	2021-38	0	0	0	...	...	2017-00
SOC	ARG	153	0	0	...	0	2022-26	0	0	0	2019-47	0	153	0	0	0	2009-27
	CHL	46	0	0	...	0	2020-03	0	0	0	2019-14	0	46	49	0	0	...
	PRY	1130	0	0	...	0	1998-44	0	0	0	2005-21	1	871	7	0	0	2003-06
	URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...
TOTAL		10410	0	29	...	29	--	0	0	0	--	126	9100	1034	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 1-36, 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	6			1			
	CAN	22						
SOC	USA							
	ARG							
	CHL							
	PRY							
	URY							
TOTAL		28	0	0	1	0	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 1-36, 2023

Country	Pending Cases 2022	Cumulative 2023	Week of Onset						% Pend. cases
			1-31	32	33	34	35	36	
BOL	0	20	19	0	0	0	1	0	16
COL	0	167	105	11	15	21	15	0	13
ECU	1	7	7	0	0	0	0	0	3
PER	0	8	5	1	2	0	0	...	9
VEN	6	299	276	23	0	...	...	...	22
BRA	0	141	75	14	21	24	7	0	10
CAP	0	0	0	...	...	...	...	...	0
CRI	0	0	0	0	0	0	0	0	1
GTM	0	1	1	0	0	0	0	0	0
HND	2	0	0	0	0	0	0	0	0
NIC	0	1	0	0	0	1	0	0	1
PAN	0	0	0	0	0	0	0	...	0
SLV	0	0	0	0	0	0	0	0	0
CAR	0	4	2	0	1	0	1	...	8
LAC	0	0	0	0	0	0	0	...	0
DOM	0	0	0	0	0	0	0	0	0
HTI	34	54	51	1	0	2	0	0	28
MEX	0	168	108	9	4	7	11	29	11
NOA	...	...	...	...	...	...	...	...	...
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0
CHL	0	0	0	0	0	0	0	...	0
PRY	0	258	254	0	0	1	2	1	23
URY	...	...	...	...	...	...	...	...	...
TOTAL	43	1128	833	67	82	79	37	30	11

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-36, 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 (2022/37-2023/36)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	4161	...	94	88	82	83	1.8	0.0
	COL	4981	100	85	84	90	90	3.1	12.4
	ECU	2184	...	87	95	84	99	2.2	0.0
	PER	7781	...	86	91	75	43	0.4	0.0
	VEN	13092	...	90	94	22	57	2.6	0.0
CAP	BRA	...	...	...	...	94	88	1.1	0.2
	CRI	82	...	98	98	89	95	2.3	2.4
	GTM	1541	...	100	98	83	99	1.0	0.0
	HND	469	100	79	99	85	100	1.2	1.5
	NIC	185	...	92	100	99	99	2.8	5.5
CAR	PAN	324	...	89	100	74	100	1.1	0.0
	SLV	1328	90	93	99	99	100	6.6	39.7
	CAR	758	8	17	83	28	62	0.8	0.0
	LAC	168	...	100	100	100	100	15.6	0.0
	DOM	247	...	40	99	75	91	2.0	0.0
MEX	HTI	712	29	87	93	17	60	1.9	3.9
	MEX	20152	95	93	100	92	91	1.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	7	84	65	50	1.0	0.0
	CHL	811	...	80	93	89	93	0.7	5.1
	PRY	1443	100	64	82	85	91	19.7	1.0
	URY	155	...	...	...	...	...	...	...
Total and Average*		61358	45	86	93	81	87	2.0	1.9

*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.