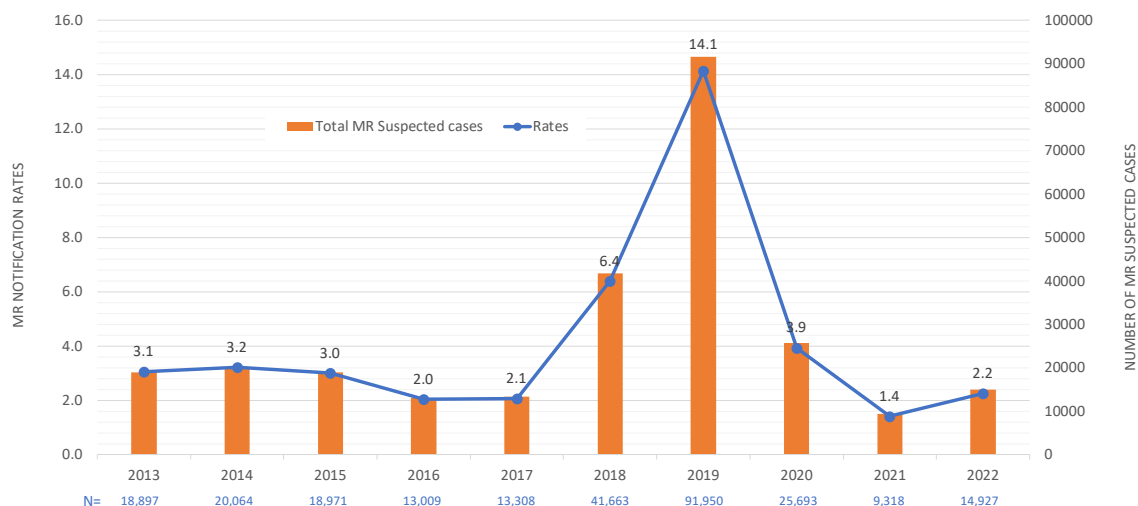


10-year trend of the annual rate of measles and rubella suspected cases. Latin America and the Caribbean, 2013-2022*



Source: ISIS, MESS and country reports. | *Data as of 1 May 2023.

In the last 10 years, there was a downward trend in the notification rate of suspected measles and rubella cases, reaching its lowest point in 2021: **1.4 cases per 100,000 population**. This drastic reduction is due to many factors, but mainly to the COVID-19 pandemic (2020-2021 period) and epidemic outbreaks of arboviral diseases (2016-2017 period). The annual rate increase peaks are directly related to the presence of measles outbreaks, as happened in 2018 and 2019, when the virus circulated in 14 countries and territories of the Americas.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-16, 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	40	0	0	...	0	2020-16	0	0	0	2006-03	0	7	0	0	0	...
	COL	426	0	0	...	0	2020-09	0	0	0	2012-31	0	290	200	0	0	2005-34
	ECU	0	0	0	...	0	2022-46	0	0	0	2004-49	0	0	0	0	0	2011-14
	PER	36	0	0	...	0	2019-18	0	0	0	2009-04	0	29	0	0	0	2007-16
	VEN	530	0	0	...	0	2019-33	0	0	0	2007-51	7	20	0	0	0	...
BRA	BRA	618	0	0	...	0	2022-28	0	0	0	2014-40	0	445	20	0	0	2009-34
CAP	CRI	0	0	0	...	0	2019-13	0	0	0	2001-39	0	0	120	0	0	...
	GTM	67	0	0	...	0	2018-03	0	0	0	2006-31	0	67	0	0	0	2005-00
	HND	21	0	0	...	0	1998-16	0	0	0	2004-11	0	21	6	0	0	2001-00
	NIC	31	0	0	...	0	1994-14	0	0	0	2004-19	0	25	12	0	0	2005-00
	PAN	11	0	0	...	0	2011-20	0	0	0	2002-48	0	10	0	0	0	...
	SLV	136	0	0	...	0	2001-19	0	0	0	2006-30	0	136	229	0	0	2001-00
CAR	CAR	25	0	0	...	0	2019-48	0	0	0	2008-18	0	23	0	0	0	1999-00
LAC	CUB	503	0	0	...	0	2019-24	0	0	0	2004-06	0	503	0	0	0	1989-10
	DOM	29	0	0	...	0	2011-18	0	0	0	2007-45	2	27	0	0	0	...
	HTI	79	0	0	...	0	2001-39	0	0	0	2006-21	0	44	9	0	0	...
MEX	MEX	532	0	0	...	0	2020-23	0	0	0	2018-14	0	448	0	0	0	...
NOA	CAN	...	...	5	...	5	2023-16	...	...	...	2019-50	...	...	...	...	...	2018-39
	USA	...	...	7	...	7	2023-13	...	...	...	2019-03	...	...	...	...	...	2017-00
SOC	ARG	70	0	0	...	0	2022-26	0	0	0	2019-47	...	...	...	0	0	2009-27
	CHL	14	0	0	...	0	2020-03	0	0	0	2019-14	0	14	0	0	0	...
	PRY	1004	0	0	...	0	1998-44	0	0	0	2005-21	0	194	0	0	0	2003-06
	URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...
TOTAL		4172	0	12	...	12	--	0	0	0	--	9	2303	596	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 1-16, 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							
	LAC							
	CAR							
LAC	CUB							
	DOM							
	HTI							
MEX	MEX							
NOA	CAN	5						
	USA	7						
SOC	ARG							
	CHL							
	PRY							
URY								
TOTAL		12	0	0	0	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 1-16, 2023

Country	Pending Cases 2022	Cumulative 2023	Week of Onset						% Pend. cases
			1-11	12	13	14	15	16	
BOL	2	33	28	1	4	0	0	0	83
COL	89	136	48	16	21	32	19	0	32
ECU	1	0	0	...	...	...	...	...	0
PER	1	7	3	0	1	2	1	0	19
VEN	6	1	1	0	0	0	0	0	0
BRA	151	167	137	15	15	0	0	0	27
CAP	4	0	0	...	...	...	...	...	0
CRI	0	0	0	0	0	0	0	0	0
GTM	0	0	0	0	0	0	0	0	0
HND	2	0	0	0	0	0	0	0	0
NIC	0	6	5	0	0	1	0	...	19
PAN	0	1	1	0	0	...	...	...	9
SLV	0	0	0	0	0	0	0	0	0
CAR	5	2	2	0	0	0	0	0	8
CUB	0	0	0	0	...	...	...	...	0
DOM	0	0	0	0	0	0	0	0	0
HTI	34	35	28	4	0	0	3	0	44
MEX	196	84	44	10	6	9	15	0	16
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	1	1	0	0	0	0	0	1
CHL	9	0	0	0	0	0	0	0	0
PRY	44	810	796	6	3	3	2	0	81
URY	...	...	...	...	...	...	...	...	...
TOTAL	544	1283	1094	52	50	47	40	0	31

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-16, 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 (2022/17-2023/16)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	4161	...	90	90	83	85	2.1	0.0
	COL	5002	98	84	71	90	93	2.3	12.4
	ECU	2184	...	...	0	0	0	1.7	0.0
	PER	7781	...	89	97	58	22	0.4	0.0
	VEN	13092	...	89	91	4	57	4.6	0.0
CAP	BRA	...	...	...	...	87	95	1.6	0.2
	CRI	82	...	0	0	0	0	0.7	18.2
	GTM	1541	...	97	99	78	100	1.1	0.0
	HND	469	78	76	100	86	100	1.3	1.1
	NIC	185	...	97	100	97	97	2.1	4.0
CAR	PAN	324	...	91	100	91	100	1.0	0.3
	SLV	1325	90	93	99	100	100	8.0	39.7
	CAR	758	58	20	80	32	60	0.6	0.0
	LAC	CUB	168	...	100	100	100	8.6	0.0
	DOM	247	...	41	93	68	61	1.4	0.0
MEX	HTI	712	76	80	95	15	49	1.8	3.1
	MEX	20135	94	93	100	91	93	1.9	0.0
	NOA	CAN	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	784	...	0	79	63	54	1.6	0.0
	CHL	801	84	36	100	93	86	1.5	2.9
	PRY	1435	98	25	77	79	87	20.5	0.5
URY	155	...	...	...	...	...	...	...
Total and Average*		61341	46	71	88	75	86	2.2	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.