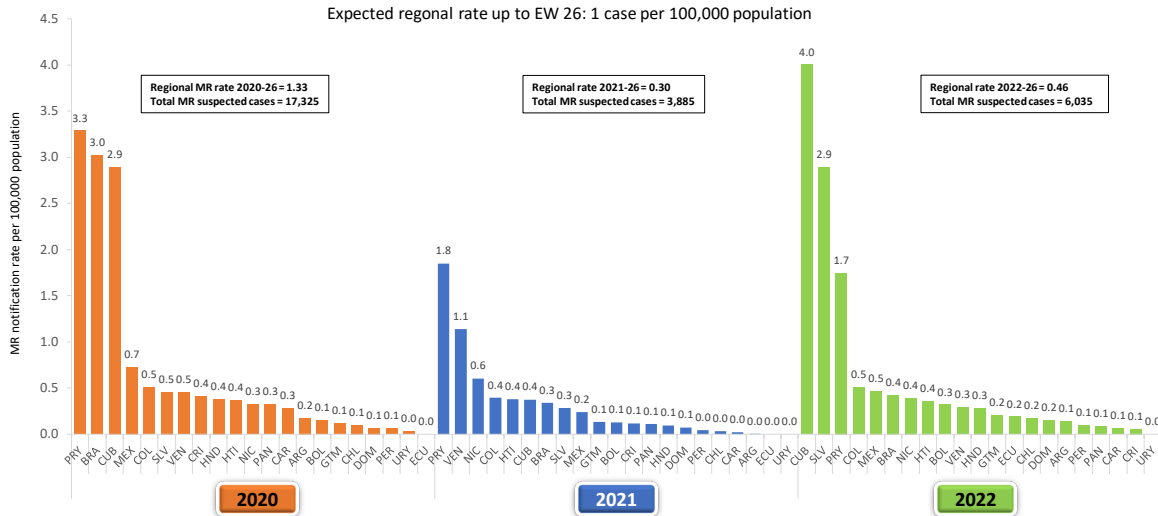


Notification rate of suspected measles and rubella (MR) cases per 100,000 population by country. Latin America and the Caribbean as of epidemiological weeks 26, 2020-2022*



Source: For 2020 and 2021, MR weekly bulletins up to EW 26 published at PAHO website. For 2022, weekly surveillance reports through ISIS and Excel reports to FPL-IM/PAHO. | *Dataas of EW-26, 2022.

We compared the performance of the notification rate of suspected measles and rubella cases by country for the first 26 epidemiological weeks (EW) of 2020, 2021 and 2022, years affected by the COVID-19 pandemic. A slight improvement is observed in the notification rate at the regional level in 2022 compared to 2021, which is also reflected in a 2-fold increase in the total of suspected cases. However, no more than 2-3 countries have met the expected regional rate (1 case) during the analysis period, underlaying the challenges to reinvigorate the epidemiological MR surveillance.

Table.1 Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-26, 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	77	0	0	...	0	0	0	2020-16	2006-03	1	76	0	0	0	...	
	COL	523	0	0	...	0	0	0	2020-09	2012-31	0	151	357	0	0	2005-34	
	ECU	69	0	0	...	0	0	0	2018-33	2004-49	0	68	0	0	0	2011-14	
	PER	64	0	0	...	0	0	0	2019-18	2009-04	0	58	0	0	0	2007-16	
	VEN	171	0	0	...	0	0	0	2019-33	2007-51	4	167	0	0	0	...	
BRA	BRA	1820	1	40	...	0	0	0	2022-25	2014-40	0	1291	30	0	...	2009-34	
CAP	CRI	6	0	0	...	0	0	0	2019-13	2001-39	0	6	5	...	...	...
	GTM	77	0	0	...	0	0	0	2018-03	2006-31	0	76	0	...	...	2005-00
	HND	58	0	0	...	0	0	0	1998-16	2004-11	0	54	9	0	0	2001-00	
	NIC	53	0	0	...	0	0	0	1994-14	2004-19	0	51	17	0	0	2005-00	
	PAN	8	0	0	...	0	0	0	2011-20	2002-48	0	8	0	0	0	...	
	SLV	379	0	0	...	0	0	0	2001-19	2006-30	0	379	128	0	0	2001-00	
CAR	CAR	10	0	0	...	0	0	0	2019-48	2008-18	0	10	0	0	0	1999-00	
LAC	CUB	920	...	...	...	...	...	...	2019-24	2004-06	0	920	0	...	...	1989-10
	DOM	34	0	0	...	0	0	0	2011-18	2007-45	2	30	0	0	0	...	
	HTI	84	0	0	...	0	0	0	2001-39	2006-21	0	60	32	0	0	...	
MEX	MEX	1238	0	0	...	0	0	0	2020-23	2018-14	0	1123	0	0	0	...	
NOA	CAN	...	...	3	...	0	0	0	2022-19	2019-50	...	...	...	...	...	2018-39
	USA	...	...	6	...	0	0	0	2022-24	2019-03	...	...	...	...	...	2017-00
SOC	ARG	134	0	1	...	0	0	0	2022-12	2019-47	0	133	0	0	0	2009-27	
	CHL	67	0	0	...	0	0	0	2020-03	2019-14	0	65	35	0	0	...	
	PRY	255	0	0	...	0	0	0	1998-44	2005-21	0	247	4	0	0	2003-06	
	URY	...	...	...	...	...	...	...	2020-07	2001-37	...	...	...	...	...	...
TOTAL	6047	1	50	...	51	--	0	0	0	--	7	4973	617	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 1-26, 2022

Subregion and Country	Measles				Rubella		
	I	IR	En.	U	I	IR	U
AND							
BOL							
COL							
ECU							
PER							
VEN			41				
BRA							
CAP							
CRI							
GTM							
HND							
NIC							
PAN							
SLV							
CAR							
LAC							
CUB							
DOM							
HTI							
MEX							
NOA	3						
CAN	6						
USA	1						
SOC							
ARG							
CHL							
PRY							
URY							
TOTAL	10	0	41	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 1-26, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset						% Pend. cases
			1-21	22	23	24	25	26	
BOL	0	0	0	0	0	0	0	...	0
COL	133	372	288	19	13	34	18	0	71
ECU	53	1	1	0	0	0	0	...	1
PER	0	6	3	0	2	1	0	...	9
VEN	4	0	0	0	0	0	0	0	0
BRA	22	488	339	60	36	28	25	0	27
CRI	3	0	0	...	...	...	...	...	0
GTM	0	1	1	0	0	0	0	0	1
HND	1	4	4	0	0	0	0	0	7
NIC	0	2	2	0	0	0	0	0	4
PAN	0	0	0	0	0	0	0	0	0
SLV	0	0	0	0	0	0	0	0	0
CAR	1	0	0	0	0	0	0	0	0
LAC									
CUB	0	0	0	0	0	0	0	0	0
DOM	0	2	2	0	0	0	0	0	6
HTI	20	24	14	1	2	0	5	2	29
MEX	58	115	40	8	18	17	23	9	9
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
SOC									
ARG	0	0	0	0	0	0	0	...	0
CHL	0	2	2	0	0	0	0	0	3
PRY	0	8	5	1	0	0	1	1	3
URY	0	...	...	...	...	...	...	...	...
TOTAL	295	1025	701	89	71	80	72	12	17

... No updated report

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-26, 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 (2021/27-2022/26)	
	Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND								
BOL	4156	...	95	94	90	92	1.2	0.0
COL	5071	93	8	7	41	31	1.9	3.2
ECU	2184	...	90	64	33	61	1.1	0.0
PER	7781	...	91	80	42	30	0.3	0.0
VEN	13092	...	100	96	13	7	2.0	0.0
BRA	...	...	...	...	94	77	1.4	0.2
CAP								
CRI	82	...	100	100	100	100	0.2	12.0
GTM	1541	98	100	94	78	91	0.6	0.0
HND	469	93	86	100	95	97	0.9	1.3
NIC	185	...	100	96	91	94	1.6	5.0
PAN	324	...	63	100	75	100	0.5	0.0
SLV	1303	91	90	99	98	97	8.6	24.3
CAR								
LAC								
CUB	758	48	90	100	0	90	0.2	0.0
DOM	168	...	100	100	100	100	12.0	0.0
HTI	247	...	32	91	84	94	0.5	0.0
MEX	659	96	89	96	27	55	1.2	2.3
NOA								
CAN	20209	96	92	99	95	96	1.5	0.0
USA	...	...	...	...	...	...	...	...
SOC								
ARG	784	...	0	70	60	53	0.4	0.0
CHL	799	79	60	88	95	98	0.5	6.1
PRY	1398	98	77	96	83	99	7.7	0.6
URY	155	...	...	...	...	...	0.0	0.0
Total and Average*	61365	49	81	85	85	80	1.6	1.0

*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.