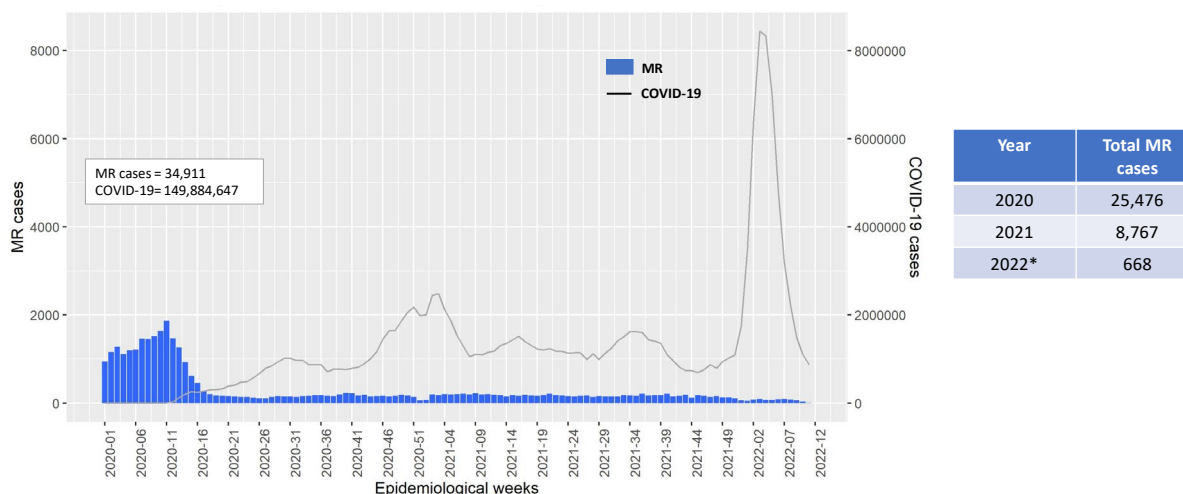


Ongoing impact of COVID-19 pandemic on the reporting of suspected measles and rubella cases. The Americas, 2020-2022*



Source: Surveillance reports sent to PAHO / WHO.
*Data up to epidemiological week 12, 2022.

The COVID-19 pandemic continues to have a negative impact on the notification of suspected measles and rubella cases, with a plateau that continues in 2022. In 2021, case notification was reduced by 66% as compared to 2020. This reduction in cases worsened towards the end of 2021 and the beginning of 2022, with the resurgence of COVID-19 cases due to the Omicron variant.

Table 1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 11, 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	7	0	0	...	0	2020-16	0	0	0	2006-03	0	7	0	0	0	...
	COL	144	0	0	...	0	2020-09	0	0	0	2012-31	0	57	113	0	0	2005-34
	ECU	0	0	0	...	0	2018-33	0	0	0	2004-49	0	0	0	0	0	2011-14
	PER	14	0	0	...	0	2019-18	0	0	0	2009-04	0	10	0	0	0	2007-16
	VEN	104	0	0	...	0	2019-33	0	0	0	2007-51	2	7	0	0	0	...
BRA	BRA	233	0	12	...	12	2022-09	0	0	0	2014-40	0	124	7	...	...	2009-34
CAP	CRI	0	0	0	...	0	2019-13	0	0	0	2001-39	0	0	5	...	...	...
	GTM	9	0	0	...	0	2018-03	0	0	0	2006-31	0	9	0	...	...	2005-00
	HND	16	0	0	...	0	1998-16	0	0	0	2004-11	0	14	1	0	0	2001-00
	NIC	29	0	0	...	0	1994-14	0	0	0	2004-19	0	27	6	0	0	2005-00
	PAN	...	...	...	...	...	2011-20	...	...	...	2002-48	...	...	...	...	...	...
	SLV	100	0	0	...	0	2001-19	0	0	0	2006-30	0	100	70	0	0	2001-00
CAR	CAR	0	0	0	...	0	2019-48	0	0	0	2008-18	0	0	0	0	0	1999-00
LAC	CUB	...	...	...	...	...	2019-24	...	...	...	2004-06	...	...	...	...	...	1989-10
	DOM	5	0	0	...	0	2011-18	0	0	0	2007-45	1	4	0	0	0	...
	HTI	21	0	0	...	0	2001-39	0	0	0	2006-21	0	11	11	0	0	...
MEX	MEX	264	0	0	...	0	2020-23	0	0	0	2018-14	0	221	0	0	0	...
NOA	CAN	...	...	1	...	1	2022-10	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	...	...	0	2021-48	0	0	0	2019-03	...	...	...	...	...	2017-00
SOC	ARG	5	0	0	...	0	2020-12	0	0	0	2019-47	0	5	0	0	0	2009-27
	CHL	5	0	0	...	0	2020-03	0	0	0	2019-14	0	5	11	0	0	...
	PRY	111	0	0	...	0	1998-44	0	0	0	2005-21	0	103	0	0	0	2003-06
	URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...
TOTAL	1067	0	13	13	13	--	0	0	0	--	3	704	224	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 11, 2022

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA			12				
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	DOM							
MEX	MEX							
	HTI							
NOA	CAN	1						
	USA							
	ARG							
SOC	CHL							
	PRY							
	URY							
TOTAL		1	0	12	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 11, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset							% Pend. cases
			1-6	7	8	9	10	11		
BOL	0	0	0	0	0	0	0	0	...	0
COL	133	87	31	6	13	21	14	2	2	60
ECU	47	0	0	0	0	0	0	0	0	0
PER	0	4	1	2	0	1	0	0	0	29
VEN	5	0	0	0	0	0	...	...	...	0
BRA	28	97	37	18	17	14	11	0	0	42
CRI	3	0	0	0	0	...	...	...	...	0
GTM	0	0	0	0	0	0	0	0	...	0
HND	1	2	2	0	0	0	0	0	0	13
NIC	1	2	0	1	0	1	0	0	0	7
PAN	1	...	...	...	...	...	...	...	...	...
SLV	0	0	0	0	0	0	0	0	0	0
CAR	1	0	0	0	0	0	0	0	0	0
LAC	0	...	...	...	...	...	...	...	...	...
DOM	0	0	0	0	0	0	0	0	0	0
HTI	20	10	6	2	2	0	0	0	0	48
MEX	58	43	10	3	6	7	9	8	8	16
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0	0
CHL	0	0	0	0	0	0	0	0	0	0
PRY	1	8	3	0	0	0	3	2	2	7
URY	0	...	...	...	...	...	...	...	...	...
TOTAL	299	253	90	32	38	44	37	12	12	24

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 11, 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 (2021/12-2022/11)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	2657	...	57	86	86	71	0.9	1.3
	COL	5296	...	5	0	0	0	1.8	3.2
	ECU	2184	...	0	0	0	0	1.1	0.0
	PER	7781	...	71	79	45	18	0.2	0.0
	VEN	13092	...	92	94	28	73	1.0	0.0
CAP	BRA	0	...	...	...	79	92	1.0	0.2
	CRI	82	...	0	0	0	0	0.2	12.0
	GTM	1541	...	100	89	67	78	0.3	0.0
	HND	469	88	81	100	94	88	0.6	0.9
	NIC	185	...	100	93	90	90	2.0	4.3
	PAN	324	...	...	...	...	...	0.5	0.0
	SLV	1305	84	88	99	97	91	6.5	24.3
	CAR	758	66	0	0	0	0	0.1	0.0
LAC	CUB	0	...	...	...	...	...	1.7	0.0
	DOM	247	...	20	100	80	100	0.3	0.0
	HTI	659	96	90	95	20	40	1.2	1.5
MEX	MEX	20093	...	95	100	92	94	1.2	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	ARG	784	...	0	60	60	0	0.1	0.0
SOC	CHL	801	72	80	80	100	100	0.2	4.8
	PRY	1383	95	80	98	79	96	7.6	0.3
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		59796	8	75	97	78	88	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.