

Performance of measles-rubella surveillance indicators The Caribbean, 2022*

Country/Territories	Total Population	Number of Suspected Cases	% cases with adequate investigation	% cases with adequate sample	% serum samples received in laboratory in <= 5	% serum samples with laboratory results reported in <= 4 days	MR Notification rate per 100,000 population
Anguilla	15,857	...	...	...	...	...	...
Antigua and Barbuda	93,763	...	...	...	...	...	...
Aruba	106,445	...	...	...	...	...	...
Bahamas	409,984	1	100	...	...	100	0.2
Barbados	281,635	7	...	100	14	86	2.5
Belize	405,273	6	17	83	...	100	1.5
Bermuda	64,184	...	...	...	...	...	...
British Virgin Islands	31,305	...	...	...	...	...	...
Cayman Islands	68,706	...	...	...	...	...	...
Curaçao	191,164	...	...	...	...	...	...
Dominica	72,738	...	...	...	...	...	...
Grenada	125,438	1	...	100	100	...	0.8
Guyana	808,726	23	13	100	...	96	2.8
Jamaica	2,827,377	24	50	100	...	92	0.8
Montserrat	4,390	...	...	...	...	...	...
Saint Kitts and Nevis	47,658	...	...	...	...	...	...
Saint Lucia	179,858	...	...	...	...	...	...
Saint Vincent and Grenadines	103,948	...	...	...	...	...	...
Sint Maarten	44,175	...	...	...	...	...	...
Suriname	618,041	...	...	...	...	...	...
Trinidad and Tobago	1,531,045	...	...	...	...	...	...
Turks and Caicos Islands	45,703	...	...	...	...	...	...
CARPHA	8,077,413	62	27	97	3	92	0.8

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 1-38, 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	26	79	0	0	0	...
	COL	1322	0	0	...	0	0	0	2020-09	0	0	0	0	1193	661	0	0	2005-34
	ECU	293	0	0	...	0	0	0	2022-46	0	0	0	10	270	0	0	0	2011-14
	PER	98	0	0	...	0	0	0	2019-18	0	0	0	0	87	0	0	0	2007-16
	VEN	1329	0	0	...	0	0	0	2019-33	0	0	0	33	842	0	0	0	...
BRA	BRA	1566	0	0	...	0	0	0	2022-28	0	0	0	0	1455	44	0	0	2009-34
CAP	CRI	84	0	0	...	0	0	0	2019-13	0	0	0	0	84	16	0	0	...
	GTM	185	0	0	...	0	0	0	2018-03	0	0	0	0	184	0	0	0	2005-00
	HND	78	0	0	...	0	0	0	1998-16	0	0	0	0	78	16	0	0	2001-00
	NIC	127	0	0	...	0	0	0	1994-14	0	0	0	27	99	33	0	0	2005-00
	PAN	35	0	0	...	0	0	0	2011-20	0	0	0	0	35	0	0	0	...
	SLV	386	0	0	...	0	0	0	2001-19	0	0	0	0	386	228	0	0	2001-00
CAR	CAR	54	0	0	...	0	0	0	2019-48	0	0	0	0	52	0	0	0	1999-00
LAC	CUB	1745	0	0	...	0	0	0	2019-24	0	0	0	0	1745	0	0	0	1989-10
	DOM	175	0	0	...	0	0	0	2011-18	0	0	0	40	135	0	0	0	...
	HTI	196	0	0	...	0	0	0	2001-39	0	0	0	0	141	35	0	0	...
MEX	MEX	1679	0	0	...	0	0	0	2020-23	0	0	0	0	1511	0	0	0	...
NOA	CAN	...	...	7	...	7	...	...	2023-24	...	...	...	...	...	...	2	...	2023-32
	USA	...	...	22	...	22	...	...	2023-30	...	...	...	...	...	...	...	...	2017-00
SOC	ARG	160	0	0	...	0	0	0	2022-26	0	0	0	0	160	0	0	0	2009-27
	CHL	63	0	1	...	1	...	...	2023-32	0	0	0	0	62	51	0	0	...
	PRY	1145	0	0	...	0	0	0	1998-44	0	0	0	1	882	7	0	0	2003-06
	URY	...	...	...	...	...	...	...	2020-07	...	...	...	...	...	...	...	...	...
TOTAL	10845	0	30	...	30	--	0	0	0	--	137	9480	1091	2	0	0	--	--

*Congenital Rubella Infection.

...No updated report received



Measles, Rubella, and Congenital Rubella Syndrome Surveillance in the Americas

Vol. 29, No. 37-38

Table No.2
Infection Source of Measles and Rubella Confirmed Cases
for the Period of Weeks 1-38, 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							
	NIC							
	PAN							
	SLV							
CAR	CAR							
LAC	CUB							
	DOM							
	HTI							
MEX	MEX							
NOA	CAN	6			1			
	USA	22						
SOC	ARG							
	CHL	1						
	PRY							
	URY							
TOTAL		29	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 1-38, 2023

Country	Pending Cases 2022	Cumulative 2023	Week of Onset						% Pend. cases
			1-33	34	35	36	37	38	
BOL	0	20	19	0	1	0	...	...	16
COL	0	129	83	8	8	19	11	0	10
ECU	1	13	12	1	0	0	0	0	4
PER	0	11	7	0	0	1	1	2	11
VEN	6	299	299	...	...	...	...	...	22
BRA	0	107	97	24	14	14	0	0	7
CRI	0	0	0	...	...	...	...	...	0
GTM	0	1	1	0	0	0	0	0	1
HND	2	0	0	0	0	0	0	0	0
NIC	0	1	0	1	0	0	0	0	1
PAN	0	0	0	0	0	...	...	...	0
SLV	0	0	0	0	0	0	0	0	0
CAR	0	2	2	0	0	0	0	...	4
CUB	0	0	0	0	0	...	...	...	0
DOM	0	0	0	0	0	0	0	0	0
HTI	34	55	52	2	1	0	0	0	28
MEX	0	168	113	5	3	9	15	23	10
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0
CHL	0	0	0	0	0	0	0	0	0
PRY	0	262	254	1	1	2	3	1	23
URY	...	...	...	...	...	...	...	...	...
TOTAL	43	1068	939	42	28	45	30	26	10

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-38, 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 (2022/39-2023/38)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	4161	...	94	88	82	83	1.7	0.0
	COL	4978	100	86	87	90	90	3.1	12.4
	ECU	2184	...	85	95	82	97	2.4	0.0
	PER	7781	...	88	89	74	43	0.4	0.0
	VEN	13092	...	90	94	22	57	2.3	0.0
BRA	BRA	...	...	...	...	65	73	1.1	0.2
CAP	CRI	82	...	98	98	89	95	2.2	2.4
	GTM	1541	77	100	98	82	99	1.2	0.0
	HND	469	100	81	99	86	100	1.3	1.6
	NIC	185	...	93	100	99	99	2.7	5.6
	PAN	324	...	89	100	74	100	1.0	0.0
	SLV	1328	90	93	99	99	99	6.7	39.7
CAR	CAR	758	...	17	85	28	66	0.8	0.0
LAC	CUB	168	...	100	100	100	100	15.4	0.0
	DOM	247	...	38	99	77	92	2.1	0.0
	HTI	712	...	87	93	17	60	2.0	4.1
MEX	MEX	20166	95	93	100	92	92	1.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	6	84	66	53	0.9	0.0
	CHL	811	82	86	94	92	95	0.7	5.1
	PRY	1445	93	64	82	85	92	19.5	1.0
	URY	155	...	...	...	...	...	...	...
Total and Average*		61371	47	86	94	77	85	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.