

Trend analysis in the measles-rubella performance surveillance indicators following the regional sustainability plan. The English-Speaking Caribbean, 2017-2021

Country	MR notification rate per 100,000 population					Fulfillment of indicators*					3/5 years
	2021	2020	2019	2018	2017	2021	2020	2019	2018	2017	
Anguilla	●	●	●	●	●	✗	✗	✗	✓	✓	✗
Antigua and Barbuda	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Aruba	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Bahamas	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Belize	●	●	●	●	●	✗	✗	✓	✓	✓	✓
Bermuda	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Barbados	●	●	●	●	●	✗	✗	✓	✗	✗	✗
British Virgin Islands	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Curaçao	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Cayman Islands	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Dominica	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Grenada	●	●	●	●	●	✗	✓	✗	✗	✗	✗
Guyana	●	●	●	●	●	✗	✗	✗	✗	✓	✗
Jamaica	●	●	●	●	●	✗	✗	✓	✗	✓	✗
Montserrat	●	●	●	●	●	✗	✗	✗	✓	✗	✗
Saint Kitts and Nevis	●	●	●	●	●	✗	✗	✗	✓	✗	✗
Saint Lucia	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Sint Maarten	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Saint Vincent and the Grenadines	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Suriname	●	●	●	●	●	✗	✗	✗	✗	✗	✗
Trinidad and Tobago	●	●	●	●	●	✗	✗	✗	✗	✗	✗

*Countries who have met the annual rate of 2 suspected measles-rubella cases per 100,000 population plus at least 3 of 5 surveillance indicators: CRS notification rate, % of cases with adequate investigation, % of cases with adequate sample, % of blood samples received in ≤5 days, % of laboratory results in ≤4 days.

Source: Integrated Surveillance Information System (ISIS); Measles Elimination Surveillance System (MESS) and country reports to FPL-IM/PAHO. Data updated as of February 11, 2022.

Table.1 Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 6, 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	0	0	2020-16	0	0	0	0	7	0	0	0	...
	COL	54	0	0	...	0	0	0	2020-09	0	0	0	2012-31	0	6	0	0	2005-34
	ECU	...	...	...	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	2011-14
	PER	4	0	0	...	0	0	0	2019-18	0	0	0	2009-04	0	4	0	0	2007-16
	VEN	0	0	0	...	0	0	0	2019-33	0	0	0	2007-51	0	0	0	0	...
BRA	BRA	55	0	2	...	2	0	0	2022-04	0	0	0	2014-40	0	15	3	...	2009-34
CAP	CRI	0	0	0	...	0	0	0	2019-13	0	0	0	2001-39	0	5	...	...	...
	GTM	...	...	...	...	...	...	...	2018-03	...	...	...	2006-31	...	...	...	...	2005-00
	HND	7	0	0	...	0	0	0	1998-16	0	0	0	2004-11	0	5	1	0	2001-00
	NIC	16	0	0	...	0	0	0	1994-14	0	0	0	2004-19	0	16	4	0	2005-00
	PAN	...	...	...	...	...	...	...	2011-20	...	...	...	2002-48	...	...	...	...	...
	SLV	12	0	0	...	0	0	0	2001-19	0	0	0	2006-30	0	12	14	0	2001-00
CAR	CAR	0	0	0	...	0	0	0	2019-48	0	0	0	2008-18	0	0	0	0	1999-00
LAC	CUB	...	...	...	...	...	...	...	2019-24	...	...	...	2004-06	...	...	...	...	1989-10
	DOM	1	0	0	...	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	...
	HTI	10	0	0	...	0	0	0	2001-39	0	0	0	2006-21	0	4	5	0	...
MEX	MEX	92	0	0	...	0	0	0	2020-23	0	0	0	2018-14	0	69	0	0	...
NOA	CAN	...	...	...	...	0	0	0	2020-06	0	0	0	2019-50	...	...	...	...	2018-39
	USA	...	...	...	...	0	0	0	2021-48	0	0	0	2019-03	...	...	...	...	2017-00
SOC	ARG	0	0	0	...	0	0	0	2020-12	0	0	0	2019-47	0	0	0	0	2009-27
	CHL	2	0	0	...	0	0	0	2020-03	0	0	0	2019-14	0	1	6	0	...
	PRY	56	0	0	...	0	0	0	1998-44	0	0	0	2005-21	0	46	0	0	2003-06
	URY	...	...	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...
TOTAL		316	0	2	...	2	0	0	0	...	0	0	179	44	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 6, 2022

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA			2				
	CRI							
	GTM							
	HND							
	NIC							
CAP	PAN							
	SLV							
	CAR							
	CUB							
	DOM							
CAR	HTI							
	MEX							
	NOA							
SOC	CAN							
	USA							
	ARG							
LAC	CHL							
	PRY							
	URY							
	TOTAL	0	0	2	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 6, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset						% Pend. cases
			1	2	3	4	5	6	
BOL	0	0	0	0	0	0	0	0	0
COL	136	54	13	12	9	12	7	1	100
ECU	47	...	...	...	...	...	...	...	...
PER	1	1	0	0	1	0	0	0	25
VEN	5	0	0	0	0	0	0	0	0
BRA	124	38	31	6	1	0	0	...	69
CRI	3	0	0	0	0	0	...	...	0
GTM	0	...	...	...	...	...	...	...	...
HND	1	2	0	0	0	0	2	0	29
NIC	2	0	0	0	0	0	0	0	0
PAN	1	...	...	...	...	...	...	...	...
SLV	0	0	0	0	0	...	...	...	0
CAR	1	0	0	0	0	0	0	0	0
CUB	0	...	...	...	...	...	...	...	...
DOM	1	1	0	0	0	1	0	...	100
HTI	21	6	0	3	1	0	1	1	60
MEX	58	23	2	5	2	1	4	9	25
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	...	...	...	...	...	0
CHL	0	1	0	0	0	0	1	0	50
PRY	1	10	0	1	1	1	1	6	18
URY	0	...	...	...	...	...	...	...	...
TOTAL	402	136	46	27	15	15	16	17	43

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 6, 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 (2021/07-2022/06)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	2657	...	57	86	86	71	1.0	1.3
	COL	5302	...	6	0	0	0	1.8	2.8
	ECU	2184	...	...	...	...	...	1.0	0.0
	PER	7781	...	25	100	50	0	0.2	0.0
	VEN	13092	...	0	0	0	0	1.2	0.0
CAP	BRA	...	...	...	...	91	89	1.0	0.2
	CRI	82	...	0	0	0	0	0.2	12.0
	GTM	1541	...	...	...	...	...	0.4	0.0
	HND	469	46	57	100	86	71	0.5	0.9
	NIC	185	...	100	94	88	94	2.1	4.2
CAR	PAN	324	...	...	...	...	...	0.5	0.0
	SLV	1305	...	83	100	100	100	5.4	21.5
	CAR	758	...	0	0	0	0	0.1	0.0
	LAC	CUB	168	...	...	...	...	2.7	0.0
	DOM	247	...	0	0	0	0	0.3	0.0
MEX	HTI	659	93	90	100	20	20	1.4	1.3
	MEX	40030	96	92	100	82	88	1.1	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	0	0	0	0.1	0.0
	CHL	789	67	50	50	100	100	0.2	9.4
	PRY	1383	97	73	96	67	87	8.0	0.3
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		79895	51	67	97	79	85	1.1	1.2

*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.