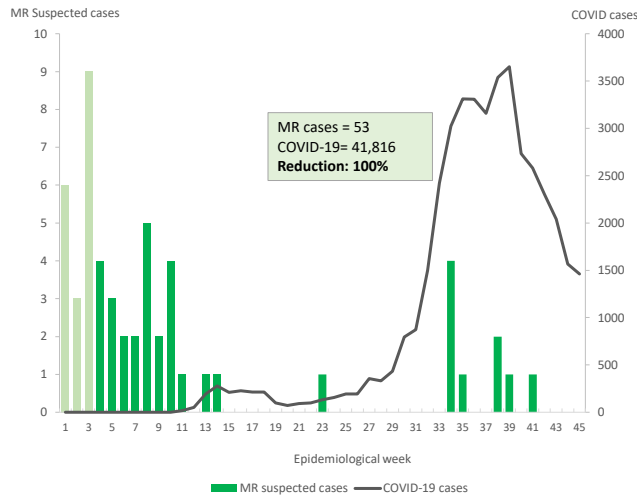


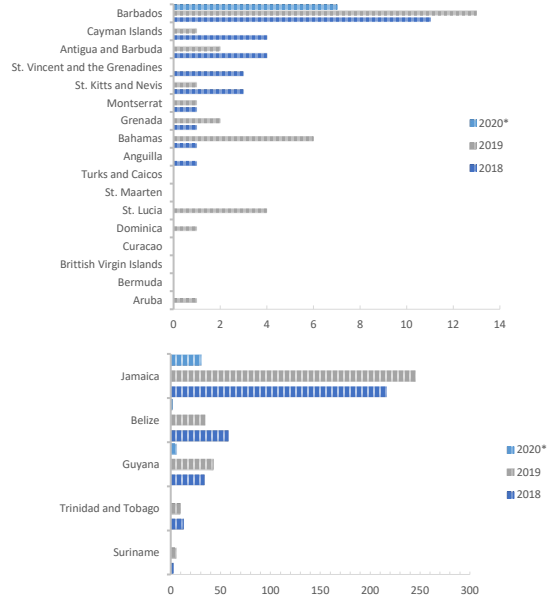


Notification of measles, rubella (MR) and COVID-19 cases by epidemiological weeks. The Caribbean sub-region, 2020*



*Data as of epidemiological week 45, 2020. Source: Surveillance country reports sent to PAHO.

Notification of suspected measles and rubella cases by country, The Caribbean sub region, 2018-2020*



In 2020, there are two periods of epidemiological silence in the notification of suspected cases of measles and rubella (MR), which is explained by the increase of confirmed COVID-19 cases and that only six out of 22 countries reported suspected measles and rubella cases. In addition, this epidemiological silence has persisted in at least five countries during the 2018 and 2019; while in nine countries the notification has been suboptimal in some of these two years, as they have not reported the minimum number of suspected cases to meet the annual notification rate.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-46, 2020

Subregion and Country	Susp. Cases 2020	Measles Confirmed 2020				Year/Week Last Conf. Measles case	Rubella Confirmed 2020			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2020		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	71	0	2	...	2	2020-16	0	0	0	2006-03	17	52	0	0	0	...
	COL	653	0	1	...	1	2020-09	0	0	0	2012-31	0	494	156	0	0	2005-34
	ECU	136	0	0	...	0	2020-06	...	...	...	2004-49	1	110	0	0	0	2011-14
	PER	68	0	0	...	0	2019-18	0	0	0	2009-04	0	62	0	0	0	2007-16
	VEN	559	0	0	...	0	2019-33	0	0	0	2007-51	32	373	0	0	0	...
BRA	BRA	16972	2828	5516	...	8344	2020-43	0	0	0	2014-40	0	8152	32	0	0	2009-34
CAP	CRI	81	0	0	...	0	2019-13	0	0	0	2001-39	5	48	81	0	0	...
	GTM	51	0	0	...	0	2018-03	0	0	0	2006-31	1	49	1	0	0	2005-00
	HND	100	0	0	...	0	1998-16	0	0	0	2004-11	0	99	7	0	0	2001-00
	NIC	107	0	0	...	0	1994-14	0	0	0	2004-19	10	91	21	0	0	2005-00
	PAN	28	0	0	...	0	2011-20	0	0	0	2002-48	0	27	0	0	0	...
	SLV	152	0	0	...	0	2001-19	0	0	0	2006-30	0	152	181	0	0	2001-00
CAR	CAR	53	0	0	...	0	2019-48	0	0	0	2008-18	0	50	12	0	0	1999-00
LAC	CUB	1408	0	0	...	0	2019-24	0	0	0	2004-06	0	1408	0	0	0	1989-10
	DOM	15	0	0	...	0	2011-18	0	0	0	2007-45	4	8	0	0	0	...
	HTI	118	0	0	...	0	2001-39	0	0	0	2006-21	0	97	40	0	0	...
MEX	MEX	2401	...	184	10	194	2020-23	0	0	0	2018-14	0	2067	0	0	0	...
NOA	CAN	...	...	1	...	1	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	12	...	12	2020-10	...	...	...	2019-03	...	...	...	...	...	2017-00
SOC	ARG	326	0	60	1	61	2020-12	0	0	0	2019-47	3	261	0	0	0	2009-27
	CHL	42	0	2	...	2	2020-03	0	0	0	2019-14	0	32	0	0	0	...
	PRY	536	0	0	...	0	1998-44	0	0	0	2005-21	2	464	6	0	0	2003-06
	URY	9	0	0	2	2	2020-07	0	0	0	2001-37	0	6	0	0	0	...
TOTAL	23886	2828	5778	13	8619	--	0	0	0	--	75	14102	537	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 01-46, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL				2			
	COL	1						
	ECU							
	PER							
	VEN							
BRA CAP	BRA			8344				
	CRI							
	GTM							
	HND							
	NIC							
CAR LAC	PAN							
	SLV							
	CAR							
	CUB							
	DOM							
MEX NOA	HTI							
	MEX*							
SOC	CAN	1						
	USA	12						
	ARG	7			54			
	CHL	2						
	URY		2					
TOTAL		23	2	8344	56	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-46, 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset							% Pend. Cases
			1-41	42	43	44	45	46		
BOL	1	0	0	0	0	0	0	0	0	0
COL	0	158	148	1	9	0	0	0	0	24
ECU	7	25	25	0	0	0	0	0	...	18
PER	13	6	1	0	0	2	3	0	0	9
VEN	19	152	149	1	2	...	...	...	...	27
BRA	2597	476	429	15	12	15	5	0	0	3
CRI	0	28	28	0	0	0	0	0	...	35
GTM	0	1	1	0	0	0	0	0	0	2
HND	0	1	1	0	0	0	0	0	0	1
NIC	0	6	4	0	1	0	1	0	0	6
PAN	1	1	1	0	0	...	...	...	...	4
SLV	0	0	0	0	0	0	0	0	0	0
CAR	6	3	3	0	0	0	0	0	0	6
CUB	0	0	0	0	0	0	0	0	0	0
DOM	20	3	3	...	...	...	...	...	...	20
HTI	29	21	19	0	2	0	0	0	0	18
MEX	247	138	83	10	8	8	18	11	6	6
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	5	1	1	0	0	0	0	0	0	0
CHL	9	4	4	0	0	0	0	0	0	10
PRY	51	58	55	0	0	0	2	1	1	11
URY	3	1	1	...	...	...	...	...	...	11
TOTAL	3008	1083	956	27	34	25	29	12	5	5

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.
*Pending final classification

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-46, 2020

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 (2019/47-2020/46)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	87	93	70	87	0.8	0.0
	COL	4612	...	50	...	...	...	1.3	9.6
	ECU	2184	...	99	71	33	61	1.1	0.0
	PER	7781	...	91	85	61	52	0.3	0.0
	VEN	13092	...	100	94	14	11	0.6	0.3
CAP	BRA	...	71	...	...	74	34	10.5	0.1
	CRI	57	144	95	65	94	96	1.6	20.3
	GTM	1541	0	98	100	61	86	0.3	0.0
	HND	469	93	97	100	82	100	1.6	1.7
	NIC	185	...	95	98	94	98	1.9	4.3
CAR LAC	PAN	324	...	100	96	71	89	0.7	0.0
	SLV	1288	...	88	100	97	94	2.8	0.0
	CAR	763	76	58	96	21	74	1.0	1.0
	CUB	168	...	100	100	100	100	12.4	0.0
	DOM	247	...	53	93	80	53	0.2	0.0
MEX NOA	HTI	659	91	91	95	58	60	1.1	2.6
	MEX	20130	96	95	99	94	89	1.9	0.0
SOC	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	ARG	784	...	7	92	67	52	1.2	0.0
	CHL	788	...	10	86	92	94	0.4	7.4
	PRY	1292	99	75	92	85	94	10.1	0.9
URY	155	...	67	33	38	38	0.3	0.0	
Total and Average*		59176	38	85	96	76	47	4.6	1.1

*Weighted

... No updated report received