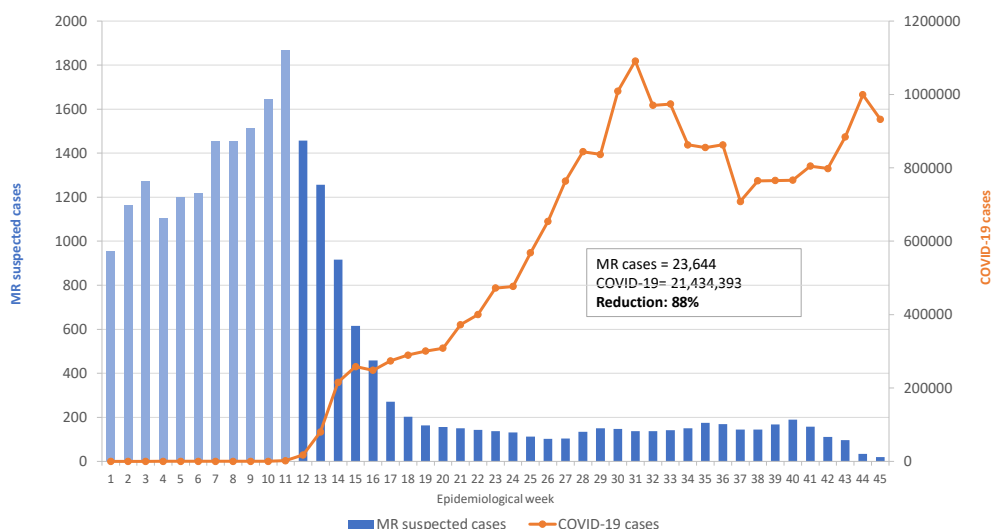




Notification of measles, rubella (MR) and COVID-19 cases by epidemiological weeks, Region of the Americas, 2020*



*Data as of epidemiological week 45, 2020. Source: Surveillance country reports sent to PAHO. USA only report total number of confirmed measles cases.

The median of the first 11 epidemiological weeks in comparison with the median from epidemiological weeks 12 to 45 was reduced in 88% (from 1274 to 149 cases reported), highlighting the impact of the COVID-19 pandemic in the notification of measles and rubella cases in the Americas region. Countries are urged to strengthen their epidemiological surveillance systems for measles and rubella given that the re-opening of the economy and borders may increase the risk of virus importations into their territories.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-45, 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	63	0	2	...	2	2020-16	0	0	0	2006-03	17	42	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	61	0	0	...	0	2019-18	0	0	0	2009-04	0	58	0	0	0	2007-16
	VEN	559	0	0	...	0	2019-33	0	0	0	2007-51	32	373	0	0	0	...
BRA	BRA	16780	2812	5449	...	8261	2020-41	0	0	0	2014-40	0	8017	32	0	0	2009-34
	CRI	73	0	0	...	0	2019-13	0	0	0	2001-39	4	41	81	0	0	...
	GTM	51	0	0	...	0	2018-03	0	0	0	2006-31	1	49	1	0	0	2005-00
	HND	97	0	0	...	0	1998-16	0	0	0	2004-11	0	96	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
	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	...
MEX	HTI	116	0	0	...	0	2001-39	0	0	0	2006-21	0	97	40	0	0	...
	MEX	2373	...	184	10	194	2020-23	0	0	0	2018-14	0	2047	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	38	0	2	...	2	2020-03	0	0	0	2019-14	0	32	0	0	0	...
	PRY	533	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	23631	2812	5711	13	8536	--	0	0	0	--	74	13923	537	0	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 01-45, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL				2			
	COL	1						
	ECU							
	PER							
	VEN							
BRA CAP	BRA			8261				
	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	8261	56	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-45, 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset							% Pend. Cases
			1-40	41	42	43	44	45		
BOL	1	2	1	0	1	0	...	...	3
COL	122	158	145	3	1	9	0	...	24	
ECU	7	25	25	0	0	0	0	...	18	
PER	13	3	2	0	0	0	0	1	5	
VEN	19	152	142	7	1	2	...	...	27
BRA	2597	506	481	21	4	0	...	...	3
CRI	0	28	28	0	0	0	0	...	38	
GTM	0	1	1	0	0	0	0	0	2	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	6	4	0	0	1	0	1	6	
PAN	1	1	1	0	0	0	...	...	4
SLV	0	0	0	0	0	0	0	...	0	
CAR	6	3	2	1	0	0	0	0	6	
CUB	0	0	0	0	0	0	0	0	0	
DOM	20	3	3	...	...	...	...	...	20
HTI	29	19	18	0	0	1	0	0	16	
MEX	247	130	78	8	13	10	10	11	5	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	5	1	1	0	0	0	0	0	0	
CHL	9	4	4	...	...	...	...	...	11
PRY	85	67	60	0	0	0	4	3	13	
URY	3	1	1	...	...	...	...	...	11
TOTAL	3164	1111	998	40	20	23	14	16	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 01-45, 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 (2019/46-2020/45)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	86	92	68	86	0.8	0.0
	COL	4612	...	50	...	...	...	2.0	7.1
	ECU	2184	...	99	71	33	61	1.1	0.0
	PER	7781	...	92	85	65	57	0.3	0.0
	VEN	13092	...	100	94	14	11	0.7	0.3
CAP	BRA	...	...	...	...	74	34	11.1	0.1
	CRI	57	...	95	62	93	96	1.5	20.3
	GTM	1541	...	98	100	61	86	0.3	0.0
	HND	469	93	97	100	81	100	1.6	1.7
	NIC	185	100	95	98	94	98	2.0	4.3
CAR LAC	PAN	324	...	100	96	71	89	0.8	0.0
	SLV	1288	...	88	100	97	94	2.9	0.0
	CAR	763	72	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	96	59	60	1.0	2.6
	MEX	20132	96	95	99	94	89	2.0	0.0
SOC	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	ARG	784	...	7	92	67	52	1.3	0.0
	CHL	767	...	8	95	92	94	0.4	7.4
	PRY	1292	99	75	92	84	93	10.6	0.9
URY	155	...	67	33	38	38	0.3	0.0	
Total and Average*		59157	38	85	96	76	47	4.8	0.9

*Weighted

... No updated report received