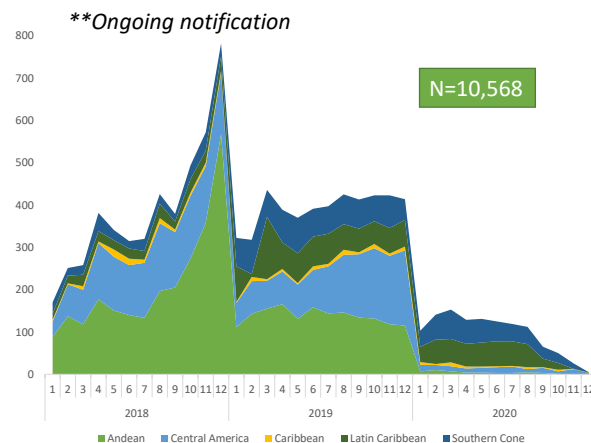
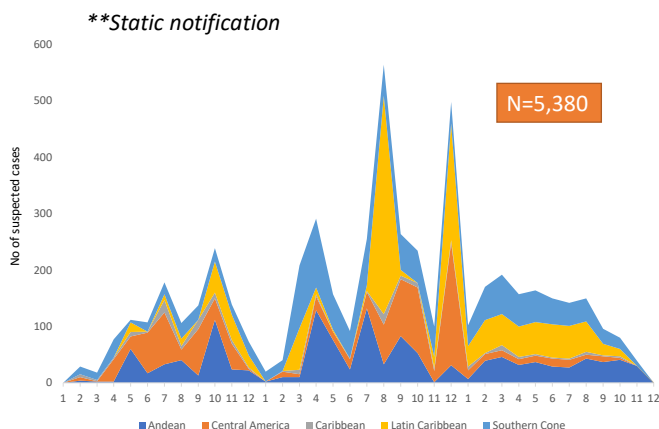




Comparison of the timely notification of suspected measles and rubella cases: first 12 epidemiological week, 2018-2020*

Is there a reduction in the notification of suspected cases in 2020? Or the cases are not timely notified into the informatic surveillance system?



Source: Weekly measles-rubella bulletins published at PAHO's website. This notification is static, does not change or include updates throughout the year. Accessed on 3/30/2020. www.paho.org/immunization/measlesrubellabulletin

Source: Regional Immunization Data Warehouse. This regional database systematizes the updates on the notification of suspected measles and rubella cases sent by the countries on a weekly basis. This updates are continuous throughout the year and includes the untimely notification of suspected cases.

*Do not include Brazil and Mexico

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-12, 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.	CRS*	
AND	BOL	4	0	0	...	0	0	0	2000-40	0	3	0	0	0	...	
	COL ^a	362	0	0	...	0	0	0	2019-51	0	...	58	0	0	2005-34	
	ECU	...	...	...	...	...	...	...	2018-33	0	0	0	...	...	2011-14
	PER	40	0	0	...	0	0	0	2019-18	0	28	0	0	0	2007-16	
	VEN	3	0	0	...	0	0	0	2019-33	0	3	19	0	0	...	
BRA	BRA	6172	130	1185	...	1315	0	0	2020-11	0	1500	2	0	0	2009-34	
	CAP	4	0	0	...	0	0	0	2019-13	0	2	0	0	0	...	
	GTM	26	0	0	...	0	0	0	2018-03	0	24	1	0	0	2005-00	
	HND	54	0	0	...	0	0	0	1998-16	0	54	2	0	0	2001-00	
	NIC	30	0	0	...	0	0	0	1994-14	0	17	4	0	0	2005-00	
	PAN	12	0	0	...	0	0	0	2011-20	0	7	0	0	0	...	
	SLV	3	0	0	...	0	0	0	2001-19	0	3	0	0	0	2001-00	
CAR	CAR	42	0	0	...	0	0	0	2019-48	0	32	12	0	0	1999-00	
	LAC	CUB	425	0	0	...	0	0	2019-24	0	425	0	0	0	1989-10	
	DOM	9	0	0	...	0	0	0	2011-18	0	6	0	0	0	...	
MEX	HTI	33	0	0	...	0	0	0	2001-39	0	12	11	0	0	...	
	MEX	839	0	0	...	0	0	0	2019-43	0	527	0	0	0	...	
	NOA	CAN	...	...	1	...	1	0	2020-06	0	0	0	...	...	2018-39
SOC	USA	...	...	12	...	12	...	...	2020-10	...	0	0	...	...	2017-00
	ARG	...	0	51	...	51	0	0	2020-08	0	0	0	0	0	2009-27	
	CHL	38	0	2	...	2	0	0	2020-03	0	32	0	0	0	...	
	PRY	382	0	0	...	0	0	0	1998-44	0	235	6	0	0	2003-06	
	URY	2	0	2	...	2	0	0	2020-07	0	0	0	0	0	...	
TOTAL	8480	130	1253	0	1383	--	0	0	0	--	3	2910	115	0	0	--

*Congenital Rubella Infection.

(a) Boletín Epidemiológico Semanal, SE 11-2020, Instituto Nacional de Salud, Colombia.

...No updated report received



Table No.2
Infection Source of Measles and Rubella Confirmed Cases
for the Period of Weeks 01-12, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA				1315			
	CAP							
	CRI							
	GTM							
	HND							
CAR	NIC							
	PAN							
	SLV							
	CAR							
	CUB							
LAC	DOM							
	HTI							
	MEX							
NOA	MEX	1						
	CAN	12						
	USA							
SOC	ARG	5			46			
	CHL	2						
	PRY							
	URY		2					
TOTAL		20	2	0	1361	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 01-12 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset							% Pend. Cases
			1-7	8	9	10	11	12		
BOL	1	1	1	0	0	0	...	...	25
COL	119	...	...	...	...	...	...	...	...
ECU	8	...	...	...	...	...	...	...	...
PER	13	12	8	2	2	0	0	0	30	
VEN	3	0	0	0	0	0	0	...	0	
BRA	7598	3357	1802	575	510	286	184	0	54	
CRI	0	2	1	1	0	0	0	0	50	
GTM	0	1	0	0	0	0	1	0	4	
HND	0	0	0	0	0	0	0	0	0	
NIC	4	11	1	0	2	1	5	2	37	
PAN	1	5	1	2	1	1	...	...	42
SLV	0	0	0	...	...	...	...	...	...
CAR	6	10	6	1	1	1	0	1	24	
CUB	0	0	0	0	0	0	0	...	0	
DOM	20	3	0	0	1	2	0	0	33	
HTI	34	21	17	3	0	1	0	0	64	
MEX	248	288	72	22	24	42	76	52	34	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	0	0	0	0	0	0	0	0	
CHL	9	4	3	0	1	0	0	0	11	
PRY	86	147	118	9	9	5	5	1	38	
URY	3	0	0	...	...	...	...	...	0
TOTAL		8155	3862	2030	615	551	339	271	56	46

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-12, 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 (2019/13-2020/12)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657	...	100	100	100	75	1.2	0.3	
	COL	5143	...	...	...	...	...	2.3	5.7
	ECU	2184	...	...	...	...	...	0.0	0.0
	PER	7781	...	95	85	66	57	1.4	0.0	
	VEN	13092	...	100	100	0	0	0.6	0.6	
CAP	BRA	...	...	...	...	...	...	30.7	0.1
	CRI	57	144	100	100	100	75	1.3	8.4	
	GTM	1541	97	100	100	54	96	1.6	0.1	
	HND	469	91	94	98	78	96	4.2	1.4	
	NIC	185	100	97	97	93	97	9.4	2.9	
CAR	PAN	324	...	75	100	100	100	1.4	0.0	
	SLV	1271	...	100	100	100	33	6.5	0.0	
	CAR	763	87	67	88	14	62	4.3	4.5	
	LAC	CUB	168	...	100	100	100	100	26.3	0.0
	DOM	247	...	56	89	78	44	1.3	0.0	
MEX	HTI	659	89	85	100	36	67	1.7	1.5	
	MEX	20253	95	96	99	83	80	3.9	0.0	
	NOA	CAN	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	784	...	8	94	61	59	0.7	0.0	
	CHL	767	45	8	95	92	94	2.5	7.4	
	PRY	1288	97	72	89	74	80	21.7	0.8	
URY	155	...	100	0	0	0	2.0	0.0		
Total and Average*		59788	41	87	96	81	83	12.6	0.9	

*Weighted

... No updated report received