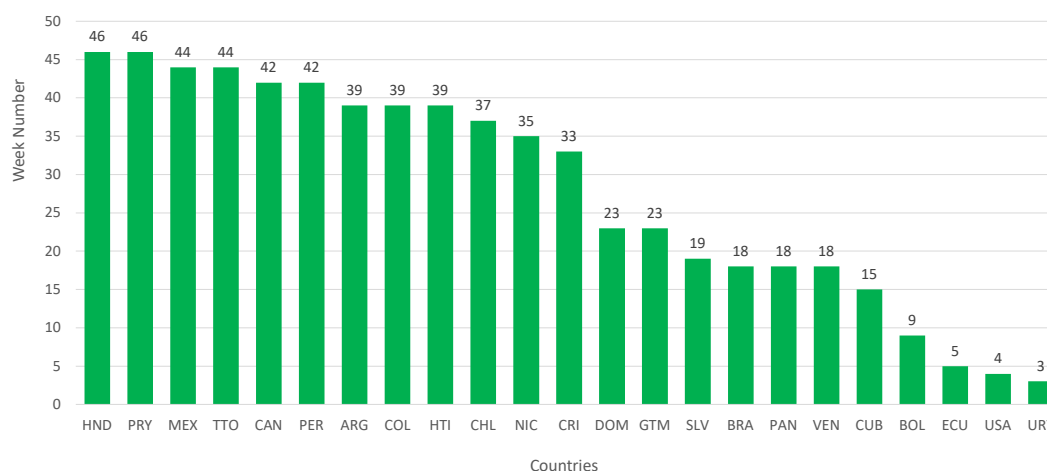




Countries reporting surveillance data to PAHO on time, epidemiological weeks 1-46 of 2019*



Source: Immunization database, FPL-IM/PAHO.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-47, 2019

Subregion and Country	Susp. Cases 2019	Measles Confirmed 2019				Year/Week Last Conf. Measles case	Rubella Confirmed 2019			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2019		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	2006-03	1	113	8	0	0	...	
	COL	4127	1	224	...	225 ^a	0	0	0	2012-31	1	3532	312	0	0	2005-34
	ECU	174	0	0	0	0	0	0	0	2004-49	0	162	0	0	0	2011-14
	PER	401	0	2	...	2	0	0	0	2009-04	0	387	0	0	0	2007-16
	VEN	1447	100	397	23	520 ^b	0	0	0	2007-51	6	250	19	0	0	...
BRA	BRA	58803	2931	10558	...	13489	0	0	0	2014-40	0	26597	33	0	0	2009-34
	CRI	49	0	10	...	10	0	0	0	2001-39	0	38	25	0	0	...
	GTM	362	0	0	...	0	0	0	0	2006-31	1	222	2	0	0	2005-00
	HND	349	0	0	...	0	0	0	0	2004-11	0	337	19	0	0	2001-00
	NIC	668	0	0	...	0	0	0	0	2004-19	10	639	27	0	0	2005-00
CAR	PAN	62	0	0	...	0	0	0	0	2002-48	0	59	0	0	0	...
	SLV	489	0	0	...	0	0	0	0	2006-30	0	489	0	0	0	2001-00
	CAR	312	0	3	1	4	0	0	0	2008-18	0	294	43	0	0	1999-00
	CUB	3083	0	1	...	1 ^b	0	0	0	2004-06	0	3083	0	0	0	1989-10
	DOM	154	0	0	...	0	0	0	0	2007-45	8	135	0	0	0	...
MEX	HTI	187	0	0	...	0	0	0	0	2006-21	0	136	18	0	0	...
	MEX	4856	0	20	...	20	0	0	0	2018-14	0	3994	0	0	0	...
	CAN	...	...	104	9	113	...	...	...	2016-06	0	0	0	...	...	2018-39
	USA	...	...	1262	...	1262	...	...	...	2019-03	0	0	0	...	...	2017-00
	ARG	205	0	53	...	53 ^c	0	3	3	2019-20	0	150	0	0	0	2009-27
SOC	CHL	756	0	10	...	10	0	1	1	2019-14	0	725	136	0	0	...
	PRY	1384	0	0	...	0	0	0	0	2005-21	88	1076	3	0	0	2003-06
	URY	70	0	9	...	9	...	...	...	2001-37	0	58	0	0	0	...
TOTAL	78063	3032	12653	33	15718	--	0	4	4	--	115	42476	645	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) Boletín Epidemiológico Semanal, SE 46-2019, Instituto Nacional de Salud, Colombia; (b) PAHO/WHO. Epidemiological Update. Measles 1 November 2019, Washington, D.C.: PAHO/WHO; 2019; (c) Boletín Integrado de Vigilancia, N°473, Semana Epidemiológica 46/2019, Argentina



Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-47, 2019

Subregion and Country		Measles				Rubella			
		I	IR	En.	U	I	IR	CAC	U
AND	BOL	66	132		27				
	COL								
	ECU								
	PER	1	1						
	VEN			520					
BRA	BRA	39		48	13402				
	CAP	1	9						
CAR LAC	CRI								
	GTM								
	HND								
	NIC								
	PAN								
	SLV								
	CAR	4							
	LAC	1							
	DOM								
	HTI								
MEX	MEX	6	14						
	NOA	42	62		9				
SOC	USA	133	1118		11				
	ARG	5	1		47	1			2
	CHL	5	5			1			
	PRY								
	URY	2	6		1				
TOTAL		305	1348	568	13497	2	0	0	2

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-47, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases
			1-42	43	44	45	46	47		
BOL	3	11	8	2	0	0	1	...	9	
COL	184	118	118	0	0	0	0	0	3	
ECU	84	8	8	0	0	...	...	...	5
PER	0	12	5	2	0	3	2	...	3	
VEN	2	3	3	0	0	0	0	0	0	
BRA	465	18829	14598	1636	1438	854	303	0	32	
CRI	23	1	1	0	0	0	0	...	2	
GTM	12	139	132	3	3	1	0	0	38	
HND	0	12	12	0	0	0	0	0	3	
NIC	0	19	13	0	3	0	2	1	3	
PAN	0	3	3	0	0	0	0	...	5	
SLV	0	0	0	0	0	0	0	...	0	
CAR	0	14	8	2	0	3	1	0	4	
LAC	0	0	0	0	0	0	...	...	0
DOM	0	11	11	0	0	0	0	...	7	
HTI	57	51	51	0	0	0	0	0	27	
MEX	0	842	723	28	23	44	24	...	17	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	82	2	2	0	0	0	0	...	1	
CHL	0	19	17	0	2	0	...	...	3
PRY	8	207	123	24	24	19	15	2	15	
URY	0	3	3	...	...	...	...	...	4
TOTAL	920	20304	15839	1697	1493	924	348	3	26	

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

... No updated report received

(a) PAHO/WHO. Epidemiological Update. Measles 1 November 2019, Washington, D.C.: PAHO/WHO; 2019.

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-47, 2019

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 (2018/48-2019/47)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	62	57	61	60	1.3	0.3
	COL	5964	86	93	96	92	96	5.0	9.4
	ECU	2184	...	86	97	77	91	1.4	0.0
	PER	7781	...	87	96	84	49	1.4	0.0
	VEN	13092	...	100	62	9	16	1.7	0.3
BRA	BRA	...	83	72	82	85	21	25.6	0.1
	CAP	57	...	73	86	86	79	1.1	3.7
CAR LAC	GTM	1541	98	86	97	63	84	2.1	0.0
	HND	470	91	79	99	80	99	4.2	2.4
	NIC	185	100	97	95	93	83	11.1	6.3
	PAN	324	...	95	95	76	97	1.6	0.0
	SLV	1283	...	74	98	97	95	8.2	0.0
CAR	CAR	763	55	84	97	9	84	4.3	11.6
	LAC	168	...	100	100	100	100	30.2	0.0
	DOM	247	...	21	97	84	75	1.4	0.0
	HTI	652	84	90	94	75	66	1.8	0.7
MEX	MEX	20320	...	95	99	91	89	3.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	19	92	77	58	0.6	0.0
	CHL	767	...	22	98	96	97	5.3	10.7
	PRY	1257	99	77	89	86	80	21.8	0.2
	URY	155	...	97	54	54	46	2.0	0.0
Total and Average*		60651	16	76	85	84	37	11.1	1.2

*Weighted

... No updated report received