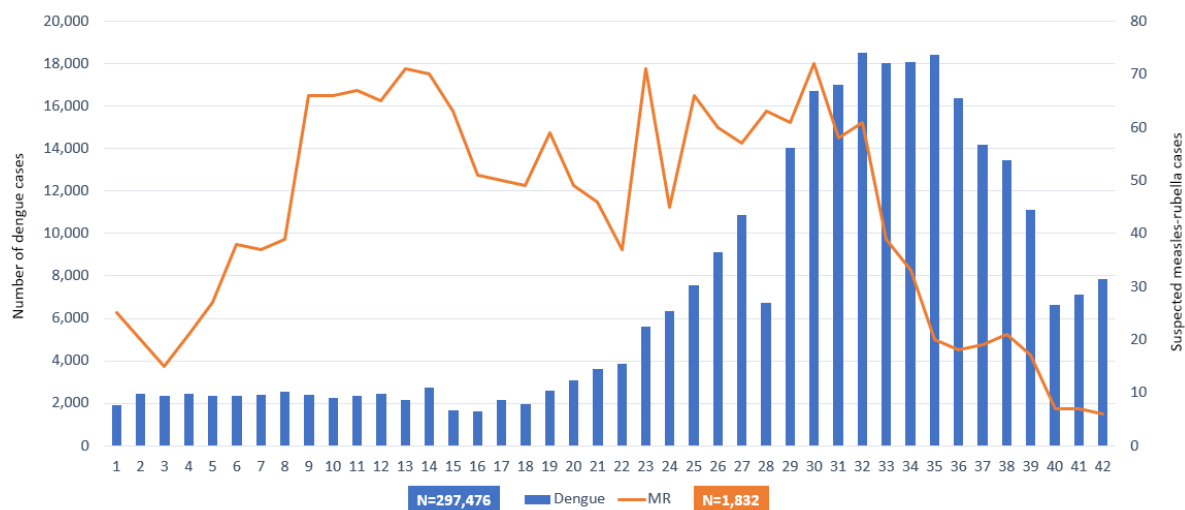




Reported cases of dengue and measles-rubella (MR) by epidemiological week of 2019*, Central America



*Data as of epidemiological week 42, 2019.

Source: Weekly surveillance reports sent through ISIS/MESS and PLISA (Health Information Platform for the Americas)

In 2019, dengue has resurged in Central America due to a 69% increase of cases in comparison with 2018. This explosive resurgence of cases observed starting from epidemiological week 30 generated a significant decrease in the notification of suspected measles and rubella (MR) cases. Although four of the six countries in Central America have significantly exceeded the notification rate of suspected cases expected for week 42 and for 2019, countries are urged not to let their guard down and continue with the timely notification of cases to avoid their masking by dengue.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-43, 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.	CRIS*			
AND	BOL	111	0	...	0	2000-40	0	0	0	2006-03	1	78	8	0	0	...		
	COL	2055	0	212	212 ^a	2019-39	0	0	0	2012-31	1	1733	283	0	0	2005-34		
	ECU	174	0	0	0	2018-33	0	0	0	2004-49	0	162	0	0	0	2011-14		
	PER	392	0	2	2	2019-17	0	0	0	2009-04	0	372	0	0	0	2007-16		
	VEN	461	100	397	23	520 ^a	2019-34	0	0	0	2007-51	8	202	19	0	0	...	
BRA	BRA	50779	2194	8235	...	10429	...	...	...	2014-40	0	20045	30	0	0	2009-34	
	CAP	CRI	49	0	10	...	10	2019-13	0	0	0	2001-39	0	38	25	0	0	...
	GTM	337	0	0	...	0	2018-03	0	0	0	2006-31	1	201	2	0	0	2005-00	
	HND	319	0	0	...	0	1998-16	0	0	0	2004-11	0	307	17	0	0	2001-00	
	NIC	652	0	0	...	0	1994-14	0	0	0	2004-19	9	625	25	0	0	2005-00	
	PAN	59	0	0	...	0	2011-20	0	0	0	2002-48	0	55	0	0	0	...	
CAR	SLV	907	0	0	...	0	2001-19	0	0	0	2006-30	0	907	0	0	0	2001-00	
	CAR	302	0	3	1	4	2019-07	0	0	0	2008-18	0	289	43	0	0	1999-00	
	LAC	CUB	2397	0	0	...	0	2019-24	0	0	0	2004-06	0	2397	0	0	0	1989-10
MEX	DOM	144	0	0	...	0	2011-18	0	0	0	2007-45	7	126	0	0	0	...	
	HTI	182	0	0	...	0	2001-39	0	0	0	2006-21	0	117	18	0	0	...	
MEX	MEX	4575	0	16	...	16	2019-37	0	0	0	2018-14	0	3762	0	0	0	...	
	NOA	CAN	...	0	112	9	121	2019-39	...	...	...	2016-06	0	0	0	...	2018-39
SOC	USA	...	...	1250	...	1250 ^a	2019-40	...	...	...	2019-03	0	0	0	...	2017-00	
	ARG	181	0	38	...	38 ^a	2019-40	0	3	3	2019-16	0	140	0	0	0	2009-27	
	CHL	740	0	9	...	9	2019-40	0	1	1	2019-14	0	706	111	0	0	...	
	PRY	1271	0	0	...	0	1998-44	0	0	0	2005-21	88	948	3	0	0	2003-06	
	URY	70	0	9	...	9	2019-22	...	...	...	2001-37	0	58	0	0	0	...
TOTAL	66269	2294	10288	33	12621	--	0	4	4	--	115	33268	584	0	0	--		

*Congenital Rubella Infection.

...No updated report received

(a) PAHO/WHO. Epidemiological Update. Measles 1 November 2019, Washington, DC. Case count is preliminary and subject to change. Data are updated every Monday.



Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-43, 2019

Subregion and Country		Measles				Rubella			
		I	IR	En.	U	I	IR	CAC	U
AND	BOL				17				
	COL	69	126						
	ECU								
	PER	1		1					
	VEN			520	12				
BRA	BRA	39		48	5953				
	CRI	1	9						
	GTM								
	HND								
	NIC								
CAP	PAN								
	SLV								
	CAR	4							
	LAC								
	CUB*								
MEX	DOM								
	HTI								
NOA	MEX	5	11						
	CAN	41	58		13				
SOC	USA								
	ARG	5	1		29	1			2
	CHL	4	5			1			
	PRY								
	URY	2	6		1				
TOTAL		171	216	569	6025	2	0	0	2

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-43, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases	
			1-38	39	40	41	42	43			
BOL	3	32	32	0	0	0	0	0	0	29	
COL	184	118	117	0	1	0	0	0	0	6	
ECU	84	8	8	0	0	0	0	0	0	5	
PER	1	18	13	1	0	2	2	0	0	5	
VEN	2	4	4	0	0	0	0	0	0	1	
BRA	465	19742	14671	2420	1924	727	0	0	0	39	
CRI	23	1	1	0	0	0	0	0	0	2	
GTM	12	135	135	0	0	0	0	0	0	40	
HND	0	12	12	0	0	0	0	0	0	4	
NIC	0	18	12	0	2	4	0	0	0	3	
PAN	0	4	2	0	2	0	0	0	0	7	
SLV	0	0	0	0	0	0	0	0	0	0	
CAR	0	9	7	1	0	1	0	0	0	3	
LAC	0	0	0	0	0	0	0	0	0	0	
CUB*	0	11	11	0	0	0	0	0	0	8	
DOM	0	11	11	0	0	0	0	0	0	8	
HTI	56	65	65	0	0	0	0	0	0	36	
MEX	0	797	649	27	40	49	32	0	0	17	
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	130	2	2	0	0	0	0	0	0	1	
CHL	0	23	11	6	3	3	0	0	0	3	
PRY	8	235	142	25	24	21	23	0	0	18	
URY	0	3	3	0	0	0	0	0	0	4	
TOTAL			968	21237	15897	2480	1996	807	57	0	231

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-43, 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 (2018/44-2019/43)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	0	60	63	65	64	1.3	0.3
	COL	5243	98	93	96	92	97	6.2	9.0
	ECU	2184	0	86	97	77	91	1.7	0.0
	PER	7781	0	86	97	82	47	1.7	0.0
	VEN	13092	0	100	57	10	17	1.8	0.3
CAP	BRA	0	0	0	0	0	0	23.7	0.1
	CRI	57	0	73	86	86	79	1.2	3.7
	GTM	1541	0	85	97	63	86	2.0	0.0
	HND	470	91	78	99	81	98	3.9	2.3
	NIC	185	100	97	95	93	83	11.3	6.1
CAR	PAN	324	0	97	95	76	95	1.6	0.0
	SLV	1283	92	37	49	97	95	16.2	0.0
	CAR	763	92	85	97	8	86	4.4	13.2
	LAC	168	0	100	100	100	100	26.6	0.0
	DOM	247	0	21	97	83	76	1.3	0.0
MEX	HTI	652	0	90	93	75	65	1.8	0.7
	MEX	20330	97	95	99	91	89	3.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	0	19	93	79	56	0.7	0.0
	CHL	767	0	22	97	96	98	5.4	10.7
	PRY	1258	98	75	88	85	78	21.8	0.2
	URY	155	0	97	54	54	46	2.0	0.0
Total and Average*		59941	48	80	90	84	85	10.6	1.1

*Weighted

... No updated report received