

Measles/Rubella Weekly Bulletin



Annual rate of suspected measles and rubella cases by country, 2015-2018*

Country	2015	2016	2017	2018
CAR	3.71	6.60	2.27	3.69
PRY	8.56	5.78	8.09	8.32
CUB	10.95	13.24	12.58	11.67
COL	4.63	3.16	2.65	8.38
SLV	4.34	3.17	4.46	3.39
MEX	3.66	3.11	2.60	2.69
VEN	2.17	2.51	4.48	10.30
NIC	2.65	2.02	3.71	3.10
DOM	1.13	1.62	3.18	1.11
PAN	1.83	1.43	1.25	1.39
PER	2.13	1.34	1.04	2.28
ECU	2.09	1.83	2.26	3.45
GTM	1.07	1.24	1.07	2.83
BOL	1.07	1.19	0.57	1.77
CHL	3.92	1.11	0.98	1.61
BRA	2.79	1.04	0.85	4.78
CRI	1.00	0.74	2.08	0.67
ARG	0.95	0.72	0.82	1.00
HND	2.44	0.71	1.94	1.96
HTI	1.59	0.52	1.47	1.18
URY	0.29	0.00	0.00	0.00
Region	2.84	2.07	2.02	3.65

Legend:

	≥2.0
	1.0 - 1.99
	≤0.99

Source: MESS, ISIS and country reports sent to FPL/IM. The population reported to the United Nations was used to calculate the rate per country.
*Data as of epidemiological week 40, 2018

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-40, 2018

Subregion and Country	Susp. Cases 2018	Measles Confirmed 2018			Year/Week Last Conf. Measles case	Rubella Confirmed 2018			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2018		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRIS*		
AND	BOL	196	0	0	0	2000-40	0	0	0	2006-03	0	191	0	0	0	...
	COL	4111	0	105	105	2018-39	0	0	0	2012-31	0	3911	292	0	0	2005-34
	ECU	573	0	19	19	2018-33	0	0	0	2004-49	0	469	0	0	0	2011-14
	PER	732	0	36	36	2018-38	0	0	0	2009-04	1	557	1	0	0	2007-16
	VEN	...	...	4605	4605 ^a	2018-35	...	...	...	2007-51	...	...	...	...	...	...
BRA	BRA	10022	0	2044	2044 ^b	2018-37	0	0	0	2014-40	0	2051	41	0	0	2009-34
CAP	CRI	33	0	0	0	2014-09	0	0	0	2001-39	0	24	19	0	0	...
	GTM	478	0	1	1	2018-03	0	0	0	2006-31	26	437	5	0	0	2005-00
	HND	182	0	0	0	1998-16	0	0	0	2004-11	0	181	17	0	0	2001-00
	NIC	193	0	0	0	1994-14	0	0	0	2004-19	0	186	39	0	0	2005-00
	PAN	57	0	0	0	2011-20	0	0	0	2002-48	0	55	3	0	0	...
	SLV	216	0	0	0	2001-19	0	0	0	2006-30	0	199	0	0	0	2001-00
CAR	CAR	280	0	1	1	2018-03	0	0	0	2008-18	0	269	62	0	0	1999-00
LAC	CUB	1340	0	0	0	1993-27	0	0	0	2004-06	0	1340	0	0	0	1989-10
	DOM	120	0	0	0	2011-18	0	0	0	2007-45	14	99	0	0	0	...
	HTI	130	0	0	0	2001-39	0	0	0	2006-21	0	59	9	0	0	...
MEX	MEX	3475	0	5	5	2018-16	0	2	2	2018-14	0	3239	0	0	0	...
NOA	CAN	...	...	25	25	2018-36	...	...	...	2016-06	...	...	...	...	...	2015-50
	USA	...	...	137	137 ^c	2018-36	...	2	2	2017-16	...	...	...	...	...	2017-00
SOC	ARG	442	0	11	11	2018-34	0	0	0	2014-22	2	202	19	0	0	2009-27
	CHL	290	0	0	0	2015-27	0	0	0	2011-25	0	272	116	0	0	...
	PRY	567	0	0	0	1998-44	0	0	0	2005-21	71	469	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		23437	0	6989	6989	--	0	4	4	--	114	14393	623	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) PAHO/WHO. Epidemiological Update: Measles. 21 September 2018, Washington, D.C.: PAHO/WHO; 2018.; (b) Ministry of Health, Brazil. Report No. 26, 2018 (c) Provisional data.



Measles/Rubella Surveillance

Table No.22
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-40, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL				8				
	COL	97							
	ECU	11	8						
	PER	3	1	5	19				
	VEN ^a				4605				
BRA	BRA ^b	208	1836						
CAP	CRI								
	GTM	1							
	HND								
	NIC								
	PAN								
	SLV								
CAR	CAR	1							
LAC	CUB								
	DOM								
	HTI								
MEX	MEX	2	3			2			
NOA	CAN	16	2		7				
	USA	57	78		2				
SOC	ARG	2	1		1				
	CHL								
	PRY								
	URY								
TOTAL		398	1929	5	6272	0	2	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-40, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases	
			1-35	36	37	38	39	40			
BOL	1	8	4	1	1	2	0	0	4		
COL	14	95	76	3	12	3	1	...	2		
ECU	0	85	85	0	0	0	0	...	15		
PER	4	134	54	10	24	26	18	2	14		
VEN	...	...	...	...	...	...	...	...	...
BRA	27	5476	5038	177	106	98	57	0	10		
CRI	0	9	9	0	0	0	0	0	27		
GTM	11	14	10	3	1	0	0	0	2		
HND	0	1	1	0	0	0	0	0	1		
NIC	0	7	1	1	3	1	1	...	3		
PAN	0	2	1	0	0	1	0	0	4		
SLV	0	17	9	3	0	4	1	0	5		
CAR	1	13	6	1	1	4	1	0	2		
CUB	0	0	0	0	0	0	0	...	0		
DOM	243	7	7	0	0	0	0	0	7		
HTI	25	84	82	1	1	0	0	0	68		
MEX	0	196	81	6	23	30	25	31	5		
CAN	0	0	0	0	0	0	0	0	...		
USA	0	0	0	0	0	0	0	0	...		
ARG	2	227	227	0	0	0	0	0	51		
CHL	1	19	12	0	2	1	0	4	7		
PRY	0	31	11	2	2	2	6	8	3		
URY	0	0	0	...	...	...	...	...	0
TOTAL			329	6425	5714	208	176	172	110	45	28

I: Imported; IR: Import-related; CAC: Country-acquired case

... No updated report received

U: Unknown. (a) Pan American Health Organization / World Health Organization.

(a) Epidemiological Update: Measles. 21 September 2018, Washington, D.C.: PAHO/WHO; 2018 (b) Ministry of Health, Brazil. Report No. 26, 2018

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-40, 2018

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 (2017/40-2018/39)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	95	72	80	1.8	0.0
	COL	5146	...	83	98	89	94	8.9	4.2
	ECU	2184	...	99	94	69	62	4.2	0.0
	PER	7781	...	86	91	76	50	2.4	0.0
	VEN	13092	...	99	39	43	40	12.1	0.0
	BRA	15097	81	0	56	56	50	4.7	0.1
CAP	CRI	57	...	64	88	90	93	0.8	28.8
	GTM	1541	98	52	99	69	88	2.8	0.1
	HND	470	91	74	98	85	98	2.4	3.2
	NIC	185	0	96	98	95	95	3.6	6.1
	PAN	324	0	84	91	63	89	1.6	0.5
	SLV	1266	0	63	97	98	92	7.5	0.0
CAR	CAR	766	79	89	98	15	75	3.9	10.7
LAC	CUB	168	...	100	100	100	100	12.7	0.0
	DOM	247	...	13	98	74	29	1.7	0.0
	HTI	652	83	90	98	48	18	1.5	1.2
MEX	MEX	20465	96	97	97	93	84	3.1	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	0	10	74	70	73	1.2	1.9
	CHL	783	86	29	61	88	93	1.8	10.6
	PRY	1182	96	83	99	88	95	10.5	0.3
	URY	155	0	0	0	0	0	0.0	0.0
Total and Average*		75024	49	85	83	80	80	4.5	0.9

*Weighted

... No updated report received