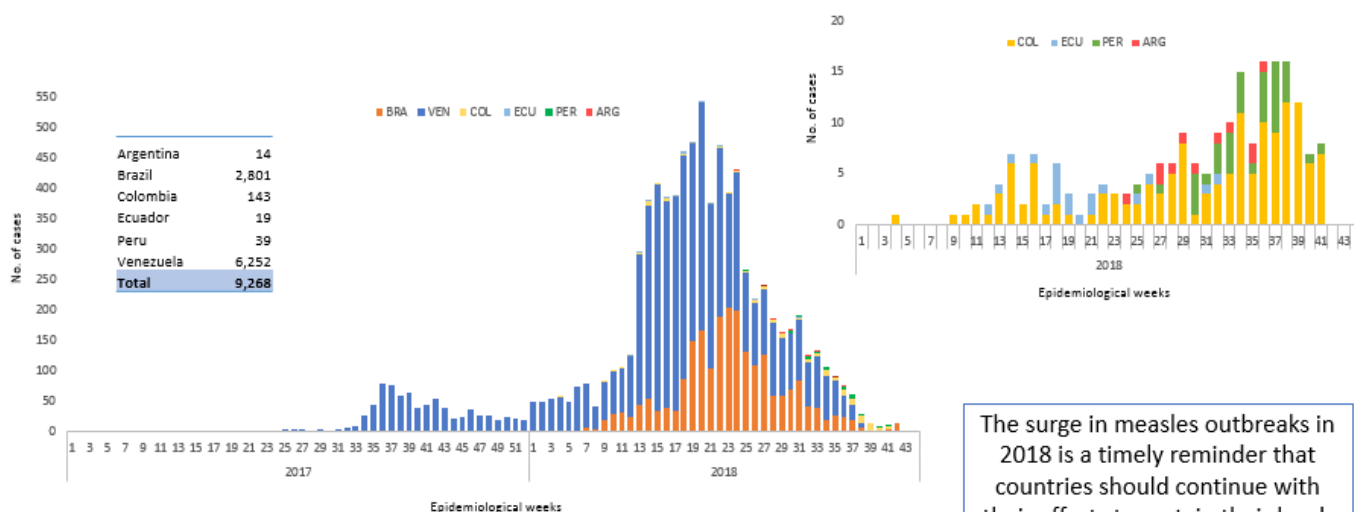


Measles/Rubella Weekly Bulletin



Distribution of confirmed measles cases by date of onset of rash South America, 2017 to 2018*



Source: MESS, ISIS and PAHO/WHO Measles Epidemiological Alert, 24 October, 2018
*Data as of epidemiological week 44, 2018

The surge in measles outbreaks in 2018 is a timely reminder that countries should continue with their efforts to sustain their hard-won elimination gains.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-44, 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.	CRI*	
AND															
BOL	197	0	0	0	2000-40	0	0	0	2006-03	0	192	0	0	0	...
COL	4706	0	143	143	2018-42	0	0	0	2012-31	0	4430	305	0	0	2005-34
ECU	600	0	19	19	2018-33	0	0	0	2004-49	0	497	0	0	0	2011-14
PER	918	0	39	39	2018-41	0	0	0	2009-04	1	778	1	0	0	2007-16
VEN	...	...	5525	5525 ^a	2018-42	...	...	...	2007-51	1	296	0	...	...	...
BRA	14512	0	2801	2801 ^b	2018-41	0	0	0	2014-40	0	2051	41	0	0	2009-34
CAP															
CRI	50	0	0	0	2014-09	0	0	0	2001-39	0	41	19	0	0	...
GTM	478	0	1	1	2018-03	0	0	0	2006-31	26	437	5	0	0	2005-00
HND	188	0	0	0	1998-16	0	0	0	2004-11	0	187	20	0	0	2001-00
NIC	205	0	0	0	1994-14	0	0	0	2004-19	0	197	41	0	0	2005-00
PAN	63	0	0	0	2011-20	0	0	0	2002-48	0	62	3	0	0	...
SLV	425	0	0	0	2001-19	0	0	0	2006-30	0	398	0	0	0	2001-00
CAR															
CAR	300	0	1	1	2018-03	0	0	0	2008-18	0	286	62	0	0	1999-00
LAC															
CUB	1855	0	0	0	1993-27	0	0	0	2004-06	0	1855	0	0	0	1989-10
DOM	129	0	0	0	2011-18	0	0	0	2007-45	14	99	0	0	0	...
HTI	167	0	0	0	2001-39	0	0	0	2006-21	0	94	9	0	0	...
MEX															
MEX	3690	0	5	5	2018-16	0	2	2	2018-14	0	3525	0	0	0	...
NOA															
CAN	0	...	27	27	2018-42	...	...	...	2016-06	0	0	0	1	...	2018-39
USA	0	...	142	142 ^c	2018-40	...	2	2	2017-16	0	0	0	...	...	2017-00
SOC															
ARG	489	0	14	14	2018-39	0	0	0	2014-22	2	223	19	0	0	2009-27
CHL	313	0	0	0	2015-27	0	0	0	2011-25	0	302	116	0	0	...
PRY	613	0	0	0	1998-44	0	0	0	2005-21	71	505	0	0	0	2003-06
URY	11	0	0	0	1999-08	0	0	0	2001-37	0	10	0	0	0	...
TOTAL	29909	0	8717	8717	--	0	4	4	--	115	16465	641	1	0	--

*Congenital Rubella Infection.

...No updated report received

(a) PAHO/WHO. Epidemiological Update: Measles. 24 October 2018, Washington, D.C.: PAHO/WHO; 2018.; (b) Ministry of Health, Brazil. Report No. 30, 6 November 2018 (c) Provisional data.



Measles/Rubella Surveillance

Table No.22
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-44, 2018

Subregion and Country	Measles				Rubella			
	I	IR	CAC	U	I	IR	CAC	U
AND								
BOL				5				
COL	138							
ECU	11	8						
PER	3	1	7	20				
VEN ^a				5525				
BRA ^b		2653		148				
BRA CAP								
CRI								
GTM	1							
HND								
NIC								
PAN								
SLV								
CAR	1							
LAC								
CUB								
DOM								
HTI								
MEX	2	3			2			
NOA	17	7		3				
USA	61	78		3				
SOC	2	1		11				
ARG								
CHL								
PRY								
URY								
TOTAL	236	2750	7	5715	0	2	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-44, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases
			1-39	40	41	42	43	44		
BOL	1	5	4	1	0	0	0	0	3	
COL	14	133	102	8	14	8	1	0	3	
ECU	0	84	84	0	0	0	0	0	14	
PER	4	100	64	17	4	8	7	0	11	
VEN	5	32	32	0	0	0	0	0	1	
BRA	27	0	0	0	0	0	0	0	...	
CRI	0	9	9	0	0	0	0	0	18	
GTM	11	14	14	0	0	0	0	0	3	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	8	6	1	0	0	0	1	4	
PAN	0	1	1	0	0	0	0	0	2	
SLV	0	27	22	3	1	0	1	0	6	
CAR	1	13	5	1	0	6	1	0	4	
CUB	0	0	0	0	0	0	0	0		
DOM	243	16	16	0	0	0	0	0	12	
HTI	25	73	70	1	2	0	0	0	44	
MEX	0	158	98	10	16	22	12	0	4	
CAN	0	0	0	0	0	0	0	0	...	
USA	0	0	0	0	0	0	0	0	...	
ARG	2	250	250	0	0	0	0	0	51	
CHL	0	11	5	0	2	2	2	0	4	
PRY	0	37	26	4	5	0	2	0	6	
URY	0	1	1	0	0	0	0	0	9	
TOTAL	333	973	810	46	44	46	26	1		

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

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

(a) Epidemiological Update: Measles. 24 October 2018, Washington, D.C.: PAHO/WHO; 2018 (b) Ministry of Health, Brazil. Report No. 30, 6 November 2018

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-44, 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 (2017/45-2018/44)	
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND								
BOL	2657	...	100	95	73	80	1.8	0.0
COL	5146	97	81	98	90	95	9.9	4.3
ECU	2184	...	99	93	68	63	4.1	0.0
PER	7781	...	83	91	78	53	3.0	0.0
VEN	13092	...	99	40	42	39	10.6	0.0
BRA	15097	81	0	56	56	50	5.1	0.2
BRA CAP	57	...	54	86	91	79	1.1	28.8
CRI	1541	...	53	99	68	87	2.8	0.1
GTM	470	90	74	97	83	98	2.5	3.4
HND	185	100	97	99	96	96	3.8	6.4
NIC	324	...	86	92	65	90	1.7	0.4
PAN	1266	...	64	98	98	94	7.5	0.0
SLV	766	88	89	98	15	76	4.2	10.7
CAR	168	...	100	100	100	100	17.1	0.0
LAC	247	...	12	98	69	27	1.4	0.0
CUB	652	...	88	95	53	23	1.7	1.2
DOM	20604	96	97	99	93	86	3.1	0.0
HTI	...	...	...	...	...	...	...	...
MEX	...	...	...	...	...	...	...	...
NOA	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
SOC	784	...	8	68	70	74	1.3	1.9
ARG	783	80	32	62	88	93	1.9	10.6
CHL	1182	97	82	98	88	95	10.5	0.3
PRY	155	...	100	73	73	55	0.3	0.0
URY								
Total and Average*	75141	46	84	85	81	81	4.8	0.9

*Weighted

... No updated report received