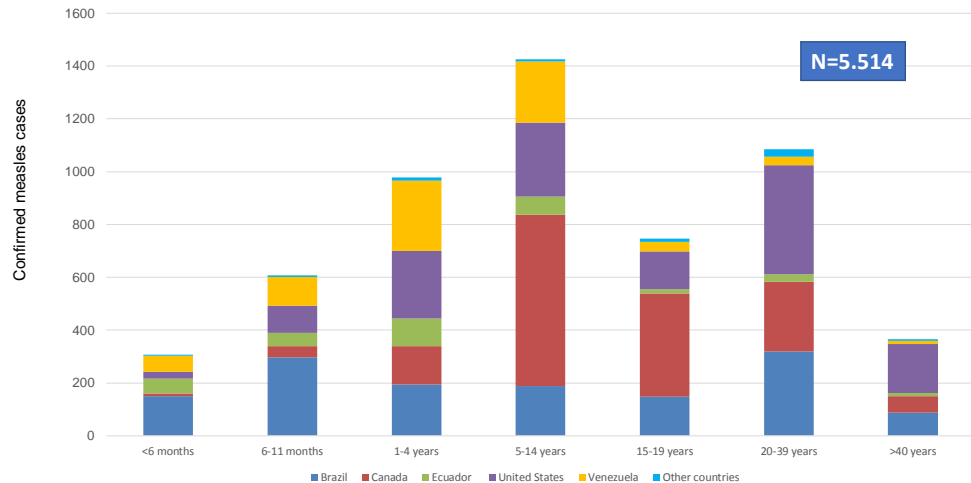


Measles/Rubella Weekly Bulletin



Distribution of confirmed measles cases by country. The Americas, 2011-2018*.

As a result of the accumulation of susceptible individuals, the distribution of confirmed measles cases with available data on age group, shows a shift in age group for the disease among children and adolescents aged 5-14 years old (26%), followed by adults between 20-39 years old (19%). In addition, we observed that 16% of infants less than 1 year old, who were not eligible for vaccination, got sick from measles. This distribution underscores the importance of guarantee adequate levels of protection with two doses of measles-mumps-rubella vaccine (MMR) either through the routine services or the implementation of high-quality follow-up campaigns.



Sources: Surveillance country reports sent to the Immunization Unit of PAHO/WHO. *Data as of epidemiological week 18, 2018

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-19, 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	72	0	0	0	2000-40	0	0	0	2006-03	0	66	0	0	0	...
	COL	1167	0	24	24	2018-19	0	0	0	2012-31	0	1100	148	0	0	2005-34
	ECU	238	0	7	7	2018-19	0	0	0	2004-49	0	154	0	0	0	2011-14
	PER	209	0	2	2	2018-08	0	0	0	2009-04	0	186	1	0	0	2007-16
	VEN	...	0	904	904 ^a	2018-17	0	0	0	2007-51	...	...	0	0	0	...
BRA	BRA	1548	0	115	115	2018-18	0	0	0	2014-40	0	473	12	0	0	2009-34
CAP	CRI	26	0	0	0	2014-09	0	0	0	2001-39	0	23	19	0	0	...
	GTM	284	0	1	1	2018-03	0	0	0	2006-31	19	237	4	0	0	2005-00
	HND	127	0	0	0	1998-16	0	0	0	2004-11	0	126	6	0	0	2001-00
	NIC	126	0	0	0	1994-14	0	0	0	2004-19	0	117	18	0	0	2005-00
	PAN	27	0	0	0	2011-20	0	0	0	2002-48	0	26	3	0	0	...
	SLV	158	0	0	0	2001-19	0	0	0	2006-30	0	138	0	0	0	2001-00
CAR	CAR	146	0	1	1	2018-03	0	0	0	2008-18	0	129	18	0	0	1999-00
LAC	CUB	247	0	0	0	1993-27	0	0	0	2004-06	0	247	0	0	0	1989-10
	DOM	31	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
	HTI	76	0	0	0	2001-39	0	0	0	2006-21	0	21	6	0	0	...
MEX	MEX	1644	0	4	4 ^a	2018-14	0	0	0	2017-19	0	1267	0	0	0	...
NOA	CAN	...	...	11	11	2018-18	...	...	...	2016-06	0	0	0	...	...	2015-50
	USA	...	...	63	63 ^b	2018-16	...	...	...	2017-16	0	0	0	...	...	2017-00
SOC	ARG	156	0	3	3	2018-12	0	0	0	2014-22	0	41	14	0	0	2009-27
	CHL	61	0	0	0	2015-27	0	0	0	2011-25	0	49	44	0	0	...
	PRY	317	0	0	0	1998-44	0	0	0	2005-21	34	265	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		6835	0	1135	1135	--	0	0	0	--	53	4665	293	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) Pan American Health Organization / World Health Organization. Epidemiological Update: Measles. 7 May 2018, Washington, D.C.: PAHO/WHO; 2018; (b) Provisional data.



Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-19, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	24							
	COL	6	1						
	ECU				2				
	PER				904				
	VEN ^a				10				
BRA	BRA	59	46						
	CAP								
CAP	CRI	1							
	GTM								
	HND								
	NIC								
	PAN								
	SLV								
	CAR	1							
CAR	LAC								
	CUB								
	DOM								
	HTI								
MEX	MEX	2	2						
NOA	CAN	11							
	USA	26	37						
SOC	ARG	2	1						
	CHL								
	PRY								
	URY								
TOTAL		132	87	0	916	0	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-19, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases
			1-14	15	16	17	18	19		
BOL	1	6	3	1	0	0	0	2	8	
COL	14	43	22	9	3	6	3	0	4	
ECU	0	77	77	0	0	0	0	0	32	
PER	5	21	13	1	3	2	1	1	10	
VEN	...	...	...	...	...	...	...	...	...
BRA	27	925	384	102	126	76	91	146	60	
CRI	0	3	1	0	1	0	1	0	12	
GTM	31	27	27	0	0	0	0	0	10	
HND	0	1	0	0	1	0	0	0	1	
NIC	0	9	2	0	2	5	0	0	7	
PAN	0	1	0	0	0	1	0	...	4	
SLV	1	20	15	1	1	0	2	1	13	
CAR	1	16	4	1	1	1	8	1	11	
CUB	0	0	0	0	0	0	0	0	0	
DOM	243	31	31	0	0	0	0	0	100	
HTI	27	55	46	3	3	2	1	0	72	
MEX	0	372	222	26	30	28	39	27	23	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	19	112	91	15	5	0	1	0	72	
CHL	0	12	3	2	2	2	0	3	20	
PRY	0	18	10	6	2	0	0	0	6	
URY	0	0	0	...	...	...	...	...	0
TOTAL	372	1750	952	167	180	123	147	181	26	

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

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

Epidemiological Update: Measles. 7 May 2018, Washington, D.C.: PAHO/WHO; 2018

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-19, 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 (2017/20-2018/19)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	100	83	83	0.9	0.0
	COL	6040	82	75	98	92	96	4.1	2.2
	ECU	2184	...	99	98	63	68	2.8	0.0
	PER	7781	...	90	95	81	62	1.2	0.0
	VEN	13092	...	99	96	67	69	3.9	0.6
BRA	BRA	15698	79	...	75	75	75	0.7	0.0
	CAP	57	...	62	96	88	100	1.5	28.8
CAP	CRI	1541	98	2	99	70	88	2.4	0.1
	GTM	470	90	76	97	84	98	2.9	2.6
	HND	185	100	97	99	95	97	5.0	4.3
	NIC	324	...	85	89	74	85	1.4	0.5
	PAN	1266	92	66	94	98	90	5.8	0.0
	SLV	766	99	86	96	23	62	3.1	8.3
	CAR	LAC	168	...	100	100	100	100	12.3	0.0
CAR	DOM	247	...	16	100	0	0	3.3	0.0
	HTI	652	77	95	97	42	0	1.5	1.0
	MEX	MEX	20146	...	98	98	92	81	3.1	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	10	55	73	74	0.9	1.8
	CHL	783	85	39	79	94	87	1.0	7.0
	PRY	1168	71	83	99	85	92	9.4	0.3
	URY	155	...	0	0	0	0	0.1	0.0
Total and Average*		76164	31	81	91	83	83	2.3	0.7

*Weighted

... No updated report received