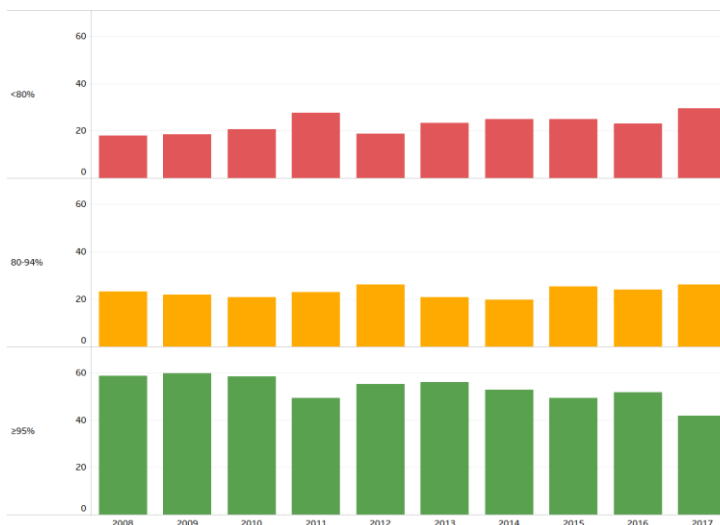


Measles/Rubella Weekly Bulletin



Percentage of municipalities by MMR-1* vaccination coverage in Latin American and Caribbean countries, 2008-2017

During a ten-year period (2008-2017), the proportion of municipalities with coverage <80% presented an increasing trend, from 18% in 2008 to 29% in 2017; while the proportion of municipalities achieving 80-94% has remained stable (range: 23-26%). Likewise, the proportion of municipalities achieving coverage ≥ 95% decreased significantly, from 59% in 2008 to 42% in 2017. Within this group, nevertheless, 33% of the municipalities reported coverage levels greater than 100%, suggesting issues with coverage calculations and difficulties for reaching homogeneous levels.



Source: Country reports through the PAHO-WHO/UNICEF Joint Reporting Form (JRF).
*Haiti's national immunization schedule uses measles-rubella (MR) vaccine in children 9 months of age.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-50, 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. n.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	227	0	0	2000-40	0	0	0	2006-03	0	225	0	0	0	...	
	COL	5290	0	179	2018-47	0	0	0	2012-31	0	4946	358	0	0	2005-34	
	ECU	600	0	19	2018-33	0	0	0	2004-49	0	497	0	0	0	2011-14	
	PER	1006	0	38	2018-41	0	0	0	2009-04	0	900	1	0	0	2007-16	
	VEN	...	...	5643	2018-43	...	...	...	2007-51	...	...	...	...	...	...
BRA	BRA	11173	0	10262	2018-50	0	0	0	2014-40	...	...	53	0	0	2009-34
CAP	CRI	50	0	0	2014-09	0	0	0	2001-39	0	41	19	0	0	...	
	GTM	489	0	1	2018-03	0	0	0	2006-31	28	449	5	0	0	2005-00	
	HND	203	0	0	1998-16	0	0	0	2004-11	0	202	21	0	0	2001-00	
	NIC	270	0	0	1994-14	0	0	0	2004-19	0	258	45	0	0	2005-00	
	PAN	65	0	0	2011-20	0	0	0	2002-48	0	64	3	0	0	...	
	SLV	498	0	0	2001-19	0	0	0	2006-30	0	489	0	0	0	2001-00	
CAR	CAR	325	0	1	2018-03	0	0	0	2008-18	0	321	119	0	0	1999-00	
LAC	CUB	2023	0	0	1993-27	0	0	0	2004-06	0	2023	0	0	0	1989-10	
	DOM	129	0	0	2011-18	0	0	0	2007-45	14	99	0	0	0	...	
	HTI	194	0	0	2001-39	0	0	0	2006-21	0	141	9	0	0	...	
MEX	MEX	3976	0	5	2018-16	0	2	2	2018-14	0	3901	0	0	0	...	
NOA	CAN	...	...	28	2018-47	...	...	...	2016-06	...	...	...	1	...	2018-39
	USA	...	...	292	2018-48	...	...	2	2017-16	...	...	...	...	...	2017-00
SOC	ARG	700	0	14	2018-39	0	0	0	2014-22	2	268	19	0	0	2009-27	
	CHL	381	0	9	2018-49	0	0	0	2011-25	0	343	137	0	0	...	
	PRY	747	0	0	1998-44	0	0	0	2005-21	71	623	0	0	0	2003-06	
	URY	11	0	0	1999-08	0	0	0	2001-37	0	10	0	0	0	...	
TOTAL		28357	0	16491	16491	--	0	4	4	--	115	15800	789	1	0	--

*Congenital Rubella Infection.

...No updated report received

(a) PAHO/WHO. Epidemiological Update: Measles. 30 November 2018, Washington, D.C.: PAHO/WHO; 2018.; (b) Ministry of Health, Brazil. Report No. 34, 10 December 2018; (c) Provisional data.



Measles/Rubella Surveillance

Table No.22

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-50, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	169			10				
	COL	11	8						
	ECU								
	PER	3	1	7	28				
	VEN ^a				5643				
BRA	BRA ^b		10049		213				
	CRI								
	GTM	1							
	HND								
	NIC								
CAP	PAN								
	SLV								
	CAR	1							
	CUB								
	DOM								
LAC	HTI								
	MEX	2	3			2			
	NOA	17	8		3				
SOC	USA	78	211		3	2			
	ARG	2	1		11				
	CHL	3			6				
TOTAL		287	10280	7	5917	0	4	0	0

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-50, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset						% Pend. Cases	
			1-45	46	47	48	49	50		
BOL	1	2	2	0	0	0	0	0	1	
COL	14	165	160	4	1	0	0	0	3	
ECU	0	84	84	...	...	...	...	...	14
PER	4	68	53	9	4	2	0	0	7	
VEN	...	...	...	...	...	...	...	...	...
BRA	...	...	...	...	...	...	...	...	...
CRI	0	9	9	0	0	0	0	0	18	
GTM	11	11	11	0	0	0	0	0	2	
HND	0	1	1	0	0	0	0	0	0	
NIC	0	12	0	0	3	4	5	0	4	
PAN	0	1	1	0	0	0	0	...	2	
SLV	0	9	3	1	2	2	1	0	2	
CAR	1	3	3	0	0	0	0	0	1	
CUB	0	0	0	0	...	...	...	...	0
DOM	243	16	16	0	0	0	...	...	12
HTI	0	53	53	0	0	0	0	0	27	
MEX	0	68	31	8	5	9	7	8	2	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	416	416	0	0	0	0	0	59	
CHL	0	29	6	3	2	2	15	1	8	
PRY	0	53	36	2	7	7	1	0	7	
URY	0	1	1	...	...	...	...	...	9
TOTAL		276	1001	886	27	24	26	29	9	4

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

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

(a) Epidemiological Update: Measles. 30 November 2018, Washington, D.C.: PAHO/WHO; 2018 (b) Ministry of Health, Brazil. Report No. 34, 10 December 2018

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-50, 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 (2017/51-2018/50)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	93	72	81	2.0	0.0
	COL	5183	97	80	98	90	94	10.8	5.1
	ECU	2184	...	99	93	68	63	3.6	0.0
	PER	7781	...	86	91	79	60	3.1	0.0
	VEN	13092	...	99	40	40	37	11.6	0.0
CAP	BRA	10136	71	...	56	56	50	5.2	0.2
	CRI	57	...	54	86	91	79	1.0	28.8
	GTM	1541	98	53	0	0	0	2.8	0.1
	HND	470	90	71	0	0	0	2.5	3.4
	NIC	185	100	97	99	96	94	4.3	6.6
LAC	PAN	324	...	85	92	65	91	1.6	0.4
	SLV	1266	...	66	98	98	95	8.1	0.0
	CAR	766	...	90	98	15	76	4.3	9.8
	CUB	168	...	100	100	100	100	17.8	0.0
	DOM	247	...	12	98	69	27	1.2	0.0
MEX	HTI	652	85	89	94	57	25	1.8	0.4
	MEX	20556	95	97	99	92	86	3.0	0.0
	NOA	CAN	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	784	...	7	66	71	73	1.6	1.9
	CHL	783	...	29	59	89	94	2.1	11.6
URY	PRY	1182	94	78	96	88	94	11.2	0.0
	URY	155	...	100	73	73	55	0.3	0.0
Total and Average*		70169	51	82	79	75	72	5.0	1.0

*Weighted

... No updated report received