

Measles/Rubella Weekly Bulletin



Ministries of Health of the Americas pledge action to keep the region free of measles and rubella

During the 29th Pan American Sanitary Conference, Ministers of health from the countries of the Americas approved a plan to keep the region free of measles, rubella, and congenital rubella syndrome (CRS) for the period 2018-2023. This plan of action lays out four strategic lines of action to follow in order to sustain the elimination: guarantee universal access to measles and rubella vaccination services; strengthen the capacity of epidemiological surveillance; develop national operational capacities to maintain the elimination; and establish standard mechanisms for rapid response to imported cases.



Table.1

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-38, 2017

Subregion and Country	Susp. Cases 2017	Measles Confirmed 2017			Year/Week Last Conf. Measles case	Rubella Confirmed 2017			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2017		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRS*			
AND	BOL	36	0	0	0	2000-40	0	0	0	2006-03	0	32	0	0	0	...	
	COL	754	0	0	0	2015-35	0	0	0	2012-31	1	741	318	0	0	2005/34	
	ECU	192	0	0	0	2016-14	0	0	0	2004-49	0	178	0	0	0	2004/49	
	PER	233	0	0	0	2015-25	0	0	0	2009-04	2	225	0	0	0	2007/16	
	VEN	321	0	0	0	2012-17	0	0	0	2015-52	1	305	37	0	0	...	
BRA	BRA	965	0	0	0	2015-32	0	0	0	2014-40	0	896	31	0	0	2009/34	
	CAP	73	0	0	0	2014-09	0	0	0	2001-39	0	68	131	0	0	...	
	GTM	85	0	0	0	1998-05	0	0	0	2006-31	1	84	2	0	0	2005/00	
	HND	124	0	0	0	1998-16	0	0	0	2004-11	0	118	26	0	0	2001/00	
	NIC	137	0	0	0	1994/14	0	0	0	2004-19	0	112	27	0	0	2005/00	
CAR	PAN	34	0	0	0	2011-20	0	0	0	2002-48	0	34	0	0	0	...	
	SLV	151	0	0	0	2001-19	0	0	0	2006-30	0	131	0	0	0	2001/00	
	CAR	137	0	0	0	2011/48	0	0	0	2008/18	0	130	52	0	0	1999/00	
	LAC	CUB	1205	0	0	0	1993/27	0	0	0	2004/06	0	1205	0	0	0	1989/10
	DOM	97	0	0	0	2011-18	0	0	0	2007-45	0	61	0	0	0	...	
MEX	HTI	113	0	0	0	2001-39	0	0	0	2006-21	0	67	14	0	0	...	
	MEX	2605	0	0	0	2015-02	0	1	1	2017-19	0	2188	0	0	0	...	
	NOA	CAN	...	0	45	45 ^a	2017/36	0	0	0	2016/06	2015/50
SOC	USA	...	0	119	119 ^a	2017/28	0	3	3	2017/16	...	...	...	1	...	2015/00
	ARG	206	0	3	3	2017-17	0	0	0	2014-22	0	149	91	0	0	2009/27	
	CHL	113	0	0	0	2015-27	0	0	0	2011-25	0	103	76	0	0	...	
	PRY	357	0	0	0	1998-44	0	0	0	2005-21	1	352	2	0	0	2003/06	
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...	
TOTAL	7938	0	167	167	--	0	4	4	--	6	7179	807	1	0	--		

*Congenital Rubella Infection; (a) Provisional data.

...No report received



Measles/Rubella Surveillance

Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-38, 2017

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA								
	CAP								
	CRI								
	GTM								
	HND								
CAR	NIC								
	PAN								
	SLV								
	CAR								
	LAC								
	CUB								
	DOM								
	HTI								
MEX	MEX								1
NOA	CAN	8	32		5				
	USA	74	43		2	3			
SOC	ARG	1	2						
	CHL								
	PRY								
	URY								
TOTAL		83	77	0	7	3	0	0	1

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

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-38, 2017

Country	Pending Cases 2016	Cumulative 2017	Week of Onset							% Pend. Cases
			1-33	34	35	36	37	38		
BOL	0	4	4	0	0	...	...	...	11
COL	8	12	11	1	0	0	0	...	2	
ECU	9	14	10	0	4	...	...	...	7
PER	1	6	3	1	1	0	0	1	3	
VEN	0	15	3	5	6	1	0	0	5	
BRA	0	21	0	14	6	6	0	0	2	
CRI	1	5	5	0	0	0	...	...	7
GTM	3	0	0	0	0	0	0	0	0	
HND	0	6	3	2	0	1	0	0	5	
NIC	0	25	2	1	3	11	7	1	18	
PAN	0	0	0	...	...	...	...	...	0
SLV	1	20	9	3	4	1	1	2	13	
CAR	0	7	4	0	1	1	0	1	5	
CUB	0	0	0	0	0	0	0	0	0	
DOM	2	36	36	0	0	0	...	...	37
HTI	0	46	42	1	3	0	0	0	41	
MEX	0	416	325	20	21	16	19	15	16	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	54	50	1	3	0	0	...	26	
CHL	0	10	5	2	3	0	0	0	9	
PRY	0	4	3	0	0	0	1	0	1	
URY	0	0	0	...	...	...	...	...	...
TOTAL		25	701	515	51	55	37	28	20	9

... No report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-38, 2017

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 (2017/39-2017/38)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3514	...	97	100	69	67	0.6	0.0
	COL	5202	97	73	98	86	96	2.3	11.8
	ECU	3208	...	96	100	82	85	1.5	0.0
	PER	7771	...	86	94	71	55	1.2	0.0
	VEN	13092	...	100	99	55	65	1.6	0.7
CAP	BRA	10359	77	62	59	59	55	0.6	0.2
	CRI	57	...	71	96	84	88	1.7	28.7
	GTM	1541	84	0	94	47	82	0.8	0.0
	HND	470	88	60	99	77	98	1.6	2.9
	NIC	185	100	88	100	93	86	2.6	6.4
CAR	PAN	345	...	76	100	88	91	1.1	0.0
	SLV	1256	...	74	93	98	89	3.5	0.0
	CAR	700	81	91	93	11	74	2.6	6.2
	LAC	168	...	100	100	100	100	16.5	0.0
		DOM	247	...	1	98	48	52	1.0	0.0
MEX	HTI	368	90	85	97	57	69	1.2	1.6
	MEX	20146	...	97	98	92	90	2.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	809	...	20	85	61	66	0.7	2.7
	CHL	783	78	33	81	87	100	0.9	8.0
	PRY	1159	95	80	98	89	96	7.1	0.0
	URY	335	...	0	0	0	0	0.0	0.0
Total and Average*		71715	24	84	93	82	84	1.8	1.3

*Weighted

... No report received