

Measles/Rubella Weekly Bulletin



Strengthening of national capacities in rapid response to outbreaks:

- **Two** sub-regional workshops for Central America and Mexico and South America were conducted between 26 October and 8 November .
- **65** technical officers from **17** countries participated, as well as PAHO focal points.
- The methodology used was PAHO's new case study adapted from the recent outbreak in Ceara, Brazil. During the workshop, the Manual for rapid response to measles and rubella imported cases was validated.



Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-49, 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.	CRI*		
AND	BOL	54	0	0	0	2000-40	0	0	0	2006-03	0	49	0	0	0	...
	COL	1084	0	0	0	2015-35	0	0	0	2012-31	2	1065	402	0	0	2005/34
	ECU	205	0	0	0	2016-14	0	0	0	2004-49	0	191	0	0	0	2004/49
	PER	305	0	0	0	2015-25	0	0	0	2009-04	3	292	0	0	0	2007/16
BRA	VEN	502	1	71	72	2017-44	0	0	0	2007-51	3	404	37	0	0	...
	BRA	1571	0	0	0	2015-32	0	0	0	2014-40	0	1376	53	0	0	2009/34
	CAP	92	0	0	0	2014-09	0	0	0	2001-39	0	82	166	0	0	...
	GTM	170	0	0	0	1998-05	0	0	0	2006-31	2	112	2	0	0	2005/00
CAR	HND	145	0	0	0	1998-16	0	0	0	2004-11	0	140	35	0	0	2001/00
	NIC	217	0	0	0	1994/14	0	0	0	2004-19	0	214	30	0	0	2005/00
	PAN	45	0	0	0	2011-20	0	0	0	2002-48	0	45	1	0	0	...
	SLV	226	0	0	0	2001-19	0	0	0	2006-30	0	208	0	0	0	2001/00
LAC	CAR	163	0	0	0	2011/48	0	0	0	2008/18	0	156	66	0	0	1999/00
	CUB	1398	0	0	0	1993/27	0	0	0	2004/06	0	1398	0	0	0	1989/10
MEX	DOM	138	0	0	0	2011-18	0	0	0	2007-45	0	96	0	0	0	...
	HTI	146	0	0	0	2001-39	0	0	0	2006-21	0	125	21	0	0	...
NOA	MEX	3377	0	0	0	2015-02	0	1	1	2017-19	0	2827	0	0	0	...
	CAN	...	0	45	45 ^a	2017/36	0	0	0	2016/06	...	...	...	...	...	2015/50
SOC	USA	...	0	120	120 ^a	2017/40	0	3	3	2017/16	...	...	...	1	...	2017/00
	ARG	304	0	3	3	2017-17	0	0	0	2014-22	1	202	119	0	0	2009/27
	CHL	166	0	0	0	2015-27	0	0	0	2011-25	0	159	118	0	0	...
	PRY	477	0	0	0	1998-44	0	0	0	2005-21	1	470	4	0	0	2003/06
URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...	
TOTAL	10785	1	239	240	--	0	4	4	--	12	9611	1054	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 01-49, 2017

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN	1	8	59	4				
BRA	BRA								
	CRI								
	GTM								
	HND								
	NIC								
CAR	PAN								
	SLV								
	CAR								
	CUB								
	DOM								
MEX	HTI								
	MEX					1			
NOA	CAN	8	32		5				
	USA	74	43		3	3			
SOC	ARG	1	2						
	CHL								
	PRY								
	URY								
TOTAL		84	85	59	12	4	0	0	0

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 01-49, 2017

Country	Pending Cases 2016	Cumulative 2017	Week of Onset							% Pend. Cases
			1-44	45	46	47	48	49		
BOL	0	5	5	0	0	0	0	0	0	9
COL	6	17	12	0	4	1	0	0	0	2
ECU	9	14	14	...	...	...	...	...	...	7
PER	1	10	3	0	2	3	2	0	0	3
VEN	0	23	23	0	0	0	0	0	0	5
BRA	0	194	108	10	20	18	27	11	12	12
CRI	0	10	10	0	0	0	0	...	...	11
GTM	3	56	56	...	...	...	...	...	...	33
HND	0	5	5	0	0	0	0	0	0	3
NIC	0	3	3	0	0	0	...	...	...	1
PAN	0	0	0	0	0	0	...	...	...	0
SLV	1	18	8	2	3	5	0	0	0	8
CAR	0	7	6	0	0	0	1	...	...	4
CUB	0	0	0	0	0	0	0	...	...	0
DOM	2	42	42	0	...	...	...	...	...	30
HTI	0	21	15	0	1	2	3	...	...	14
MEX	0	549	487	15	9	12	15	11	16	16
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	0	98	92	2	1	2	1	0	0	32
CHL	1	7	2	0	3	2	0	0	0	4
PRY	0	6	3	3	0	0	0	0	0	1
URY	0	0	0	...	...	...	...	...	...	...
TOTAL	23	1085	894	32	43	45	49	22	10	

... No report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-49, 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 (2017/50-2017/49)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3514	0	98	100	72	65	0.5	0.0
	COL	5252	97	80	97	86	96	2.3	13.0
	ECU	2184	0	96	100	83	86	1.3	0.0
	PER	7771	0	83	94	68	52	1.0	0.0
	VEN	13092	0	99	97	55	72	1.6	0.6
CAP	BRA	15134	72	62	56	56	53	0.8	0.2
	CRI	57	0	72	95	84	86	1.9	33.9
	GTM	1541	0	0	88	36	57	1.0	0.0
	HND	470	91	57	99	74	99	1.8	3.3
	NIC	185	0	88	100	94	89	3.6	6.7
CAR	PAN	324	0	87	100	84	93	1.2	0.1
	SLV	1264	90	67	93	97	92	3.7	0.0
	CAR	700	0	93	95	11	81	2.2	5.5
	LAC	168	0	100	100	100	100	13.3	0.0
	DOM	247	0	1	98	51	56	1.3	0.0
MEX	HTI	368	0	86	98	60	68	1.3	1.9
	MEX	20146	0	97	98	92	90	2.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	0	18	79	63	63	0.7	3.1
	CHL	783	88	31	82	83	96	0.9	9.8
	PRY	1159	94	80	99	89	96	7.4	0.3
	URY	155	0	0	0	0	0	...	0.0
Total and Average*		75298	26	83	91	80	83	1.9	1.5

*Weighted

... No report received