

Measles/Rubella Weekly Bulletin

Technical Advisory Group (TAG) on Vaccine-preventable Diseases of the Pan American Health Organization (PAHO) Washington, DC, 1-2 July 2014

The Technical Advisory Group (TAG) on Vaccine-preventable Diseases of the Pan American Health Organization (PAHO) recommended that countries maintain their capacity to respond rapidly and decisively to measles and rubella outbreaks, in order to halt secondary transmission. To this end, and within the context of the 2014 FIFA World Cup, TAG recommended the implementation of additional surveillance activities (ie, active searches), in order to document the absence of measles and rubella cases, and/or to implement rapid response activities.



Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-26, 2014

Subregion and Country	Susp. Cases 2014	Measles Confirmed 2014			Year/Week Last Conf. Measles case	Rubella Confirmed 2014			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2014		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRS*			
AND	BOL	61	0	0	0	2000/40	0	0	0	2006/03	0	55	0	...	...	...
	COL	915	0	0	0	2013/25	0	0	0	2012/42	0	839	136	0	0	2005/34	
	ECU	...	...	...	...	2012/28	...	...	...	2004/45	...	...	...	...	...	...
	PER	150	0	0	0	2008/18	0	0	0	2006/45	0	126	0	0	...	2007/16	
BRA	VEN	275	0	0	0	2012/16	0	0	0	2007/51	25	211	6	...	...	...
	BRA	2818	25	209	234	2014/24	0	0	0	2009/41	0	2185	29	0	...	2009/34	
	CAP	CRI	19	0	0	0	2005/22	0	0	0	2001/42	1	16	0	0	...	
	GTM	103	0	0	0	1998/05	0	0	0	2006/30	7	95	2	...	...	2005/00
	HND	46	0	0	0	1997/29	0	0	0	2004/11	2	15	6	0	0	2001/00	
	NIC	59	0	0	0	1994/14	0	0	0	2004/19	2	57	10	0	...	2005/00	
	PAN	141	0	0	0	2011/20	0	0	0	2002/48	1	138	0	...	...	...
	SLV	269	0	0	0	2001/19	0	0	0	2006/30	0	221	0	0	...	2001/00	
	CAR	CAR	180	0	0	0	2011/48	0	0	0	2008/18	0	170	0	1999/00
	LAC	CUB	507	0	0	0	1993/27	0	0	0	2004/06	0	507	0	0
MEX	DOM	30	0	0	0	2011/18	0	0	0	2006/44	0	28	0	...	...	...
	GLP	0	0	0	0	2011/28	0	0	0	...	...	...	0	...	...	2005/00
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	...	...	...	0	...	...
	HTI	81	0	0	0	2001/39	0	0	0	2006/21	0	79	8	0	0	...	
	MTQ	0	0	0	0	2011/27	0	0	0	...	...	...	0	...	...	...
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	MEX	1980	0	2	2	2014/04	0	0	0	2012/49	0	1612	0	0	0	...	
	NOA	CAN	...	385 ^a	122	507 ^b	2014/24	0	1	1	2014/10	0	0	0	0	...	2011/12
SOC	USA	...	...	539	539 ^p	2014/22	0	1	1	2014/16	0	0	0	...	...	2012/44
	ARG	105	0	0	0	2012/20	0	1	1	2014/22	2	66	48	...	...	2009/27
	CHL	38	0	0	0	2011/25	0	0	0	2011/25	0	25	46	0	0	...	
	PRY	203	0	0	0	1998/44	0	0	0	2005/21	0	195	2	0	0	2003/06	
URY	...	...	...	...	1999/08	...	...	...	2001/37	...	...	...	...	...	...
TOTAL	7980	410	872	1282	--	0	3	3	--	40	6640	293	0	0	--		

*Congenital Rubella Infection; (a) Provisional data and subject to change. Cases are epidemiologically linked and pending investigation. (b) Provisional data.

...No report received



Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-26, 2014

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
BRA	ECU								
	PER								
CAP	VEN				234				
	BRA								
LAC	CRI								
	GTM								
CAR	HND								
	NIC								
SOC	PAN								
	SLV								
MEX	CAR								
	CUB								
NOA	DOM								
	GLP								
SOC	GUF								
	HTI								
URY	MTQ								
	PRI								
MEX	MEX				2				
	CAN	23	47		437	1			
SOC	USA	92	440		7	1			
	ARG					1			
URY	CHL								
	PRY								
TOTAL		115	487		680	3	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-26, 2014

Country	Pending Cases 2013	Cumulative 2014	Week of Onset						% Pend.Cases	
			1-21	22	23	24	25	26		
BOL	1	6	6	0	...	...	...	...	10
COL	11	76	53	2	6	3	8	4	8	
ECU	...	...	...	...	...	...	...	...	...
PER	15	24	22	2	0	...	...	...	16
VEN	0	39	38	0	1	0	0	0	14	
BRA	214	399	0	0	0	0	399	0	14	
CRI	0	2	2	0	0	0	0	0	11	
GTM	0	1	0	1	0	0	0	0	1	
HND	0	29	17	2	7	1	1	1	63	
NIC	0	0	0	0	0	0	0	0	0	
PAN	0	2	1	1	0	0	0	...	1	
SLV	48	48	34	5	0	6	1	2	18	
CAR	0	10	2	1	2	3	2	0	6	
CUB	0	0	0	0	0	0	...	...	0
DOM	0	2	2	0	0	0	0	0	7	
GLP	0	0	0	0	0	0	...	...	0
GUF	0	0	0	0	0	0	...	...	0
HTI	0	2	2	0	0	0	0	0	2	
MTQ	0	0	0	0	0	0	...	...	0
PRI	...	...	...	...	...	...	...	...	...
MEX	35	7	6	1	0	0	0	0	0	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	84	36	33	3	0	0	0	...	34	
CHL	0	13	13	0	0	0	0	0	34	
PRY	6	8	6	0	0	0	2	...	4	
URY	...	...	...	...	...	...	...	...	...
TOTAL		414	704	237	18	16	13	413	7	9

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

... No report received

Table 4.
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-26, 2014

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 (2013/27-2014/26)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3127	...	98	97	75	84	1.4	0.1
	COL	5459	94	73	92	89	98	4.6	3.9
BRA	ECU	2184	...	...	...	...	...	0.0	...
	PER	...	...	83	89	78	44	1.4	0.0
CAP	VEN	13092	...	92	97	63	47	1.9	0.2
	BRA	12233	79	99	74	74	53	2.8	0.2
LAC	CRI	57	...	42	95	68	58	0.7	0.0
	GTM	1506	72	15	91	55	76	1.9	0.1
CAR	HND	469	91	57	100	80	100	2.2	1.0
	NIC	185	100	95	100	97	95	2.4	2.2
SOC	PAN	223	...	95	99	82	88	6.3	0.1
	SLV	3329	93	70	96	89	67	7.1	3.8
URY	CAR	719	65	9	89	6	91	4.6	0.0
	CUB	150	100	100	100	100	100	10.3	0.0
MEX	DOM	...	...	10	100	65	70	0.8	0.0
	GLP	...	...	...	...	...	...	0.4	...
NOA	GUF	...	...	...	...	...	...	0.4	...
	HTI	134	96	91	99	89	67	2.3	1.5
SOC	MTQ	...	...	...	...	...	...	0.0	...
	PRI	...	...	...	...	...	...	0.0	...
URY	MEX	11138	...	98	98	89	80	3.4	0.0
	CAN	...	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	779	...	15	94	59	26	0.7	1.4
URY	CHL	792	...	61	86	92	96	0.8	3.5
	PRY	988	...	50	94	93	81	4.4	0.3
URY	URY	155	...	...	...	...	...	0.0	0.0
	Total and Average*		56719	83	88	88	80	71	2.9	0.6

*Weighted