

Measles/Rubella Weekly Bulletin

PAHO/WHO, along with the countries and territories of the Americas, will be celebrating the 12th Vaccination Week in the Americas (VWA) from 26 April to 3 May. The focus of this year's Week is to encourage people to protect themselves and the Region against the importation of vaccine-preventable diseases, particularly measles and rubella, in the context of the upcoming 2014 Football World Cup.

Mass celebrations, such as the World Cup, attract high numbers of international travelers, and therefore increase the risk of importation of measles and rubella viruses to our Region. 19 of the 32 countries participating in the World Cup reported measles cases in 2013. During Vaccination Week this year, nine countries and territories in the Americas will be holding measles and rubella vaccination activities.

PAHO/WHO has developed various promotional materials and health alerts for measles and rubella that can be found at www.paho.org/immunization.

Block Measles and Rubella! Get Vaccinated!

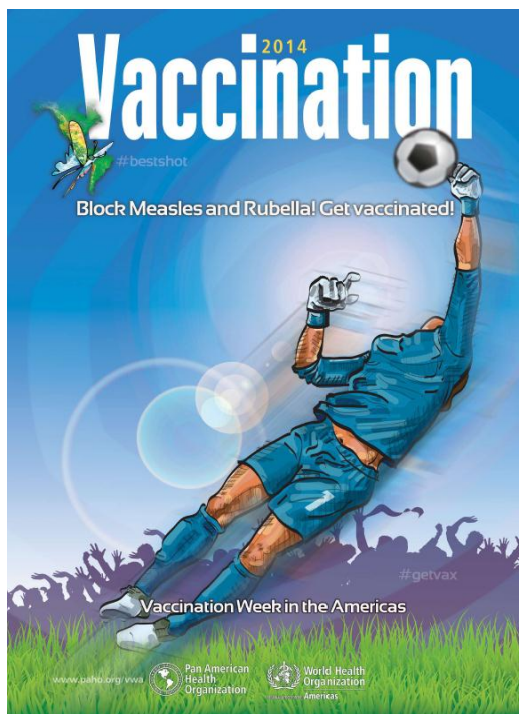


Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-16, 2014

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.	CRIS*			
AND	BOL	7	0	0	0	2000/40	0	0	0	2006/03	0	4	0	...	...	...
	COL	409	0	0	0	2013/25	0	0	0	2012/42	0	393	92	0	0	2005/34	
	ECU	...	...	...	...	2012/28	...	...	...	2004/45	...	...	...	...	...	...
	PER	99	0	0	0	2008/18	0	0	0	2006/45	0	84	0	0	0	2007/16	
	VEN	91	0	0	0	2012/16	0	0	0	2007/51	6	56	4	...	...	...
BRA	BRA	1673	5	161	166	2014/12	0	0	0	2009/41	0	1219	16	0	0	2009/34	
	CRI	7	0	0	0	2005/22	0	0	0	2001/42	1	6	0	0	0	...	
	GTM	38	0	0	0	1998/05	0	0	0	2006/30	1	36	1	...	...	2005/00
	HND	13	0	0	0	1997/29	0	0	0	2004/11	0	0	6	0	0	2001/00	
	NIC	17	0	0	0	1994/14	0	0	0	2004/19	0	5	8	0	0	2005/00	
CAR	PAN	92	0	0	0	2011/20	0	0	0	2002/48	0	89	0	...	...	...
	SLV	217	0	0	0	2001/19	0	0	0	2006/30	0	4	0	0	0	2001/00	
	CAR	119	0	0	0	2011/48	0	0	0	2008/18	0	109	0	...	...	1999/00
	LAC	CUB	172	0	0	0	1993/27	0	0	0	2004/06	0	172	0	0	0	...
	DOM	4	0	0	0	2011/18	0	0	0	2006/44	0	4	0	...	...	...
MEX	GLP	0	0	0	0	2011/28	0	0	0	...	0	0	0	0	0	2005/00	
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	0	0	0	0	0	...	
	HTI	48	0	0	0	2001/39	0	0	0	2006/21	0	40	6	0	0	...	
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	0	0	0	...	
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NOA	MEX	780	0	2	2	2014/04	0	0	0	2012/49	0	605	0	0	0	...	
	CAN	...	337 ^a	81	81 ^b	2014/15	0	1	1	2014/10	0	0	0	0	0	2011/12	
SOC	USA	...	...	104	104 ^b	2014/13	0	0	0	2013/48	...	...	...	...	...	2012/44
	ARG	52	0	0	0	2012/20	0	0	0	2011/20	0	33	8	...	...	2009/27
	CHL	37	0	0	0	2011/25	0	0	0	2011/25	0	25	0	0	0	...	
	PRY	119	0	0	0	1998/44	0	0	0	2005/21	0	107	2	0	0	2003/06	
	URY	...	...	...	...	1999/08	...	...	...	2001/37	0	0	0	...	...	...
TOTAL	3994	342	348	690	--	0	1	1	--	8	2991	143	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 01-16, 2014

Subregion and Country	Measles				Rubella			
	I	IR	CAC	U	I	IR	CAC	U
AND								
BOL								
COL								
ECU								
PER								
VEN				166				
BRA								
CAP								
CRI								
GTM								
HND								
NIC								
PAN								
SLV								
CAR								
LAC								
CUB								
DOM								
GLP								
GUF								
HTI								
MTQ								
PRI								
MEX				2				
NOA					1			
CAN	15	29		374				
USA	27	61		16				
SOC								
ARG								
CHL								
PRY								
URY								
TOTAL	42	90	0	558	1	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-16, 2014

Country	Pending Cases 2013	Cumulative 2014	Week of Onset						% Pend.Cases
			1-11	12	13	14	15	16	
BOL	0	3	3	...	...	...	...	...	43
COL	37	16	10	1	3	1	0	1	4
ECU	...	...	...	...	...	...	...	...	...
PER	15	15	10	0	1	2	2	0	15
VEN	2	29	26	1	2	0	0	0	32
BRA	311	290	0	0	0	0	290	0	17
CRI	0	0	0	0	...	...	...	...	0
GTM	11	1	1	0	0	0	...	...	3
HND	0	0	0	0	0	0	0	...	0
NIC	0	12	11	1	0	0	...	...	71
PAN	0	3	2	0	0	1	0	...	3
SLV	4	187	133	19	19	14	1	1	86
CAR	4	10	6	0	1	1	1	1	8
LAC									
CUB	0	0	0	0	0	0	0	...	0
DOM	0	0	0	0	0	0	0	0	0
GLP	0	0	0	0	0	0	0	...	0
GUF	0	0	0	0	0	0	0	...	0
HTI	0	8	3	0	1	0	4	0	17
MTQ	0	0	0	0	0	0	0	...	0
PRI	...	...	...	...	...	...	...	...	...
MEX	35	1	1	0	0	0	0	0	0
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	84	19	17	2	0	0	0	...	37
CHL	50	12	11	1	0	0	0	...	32
PRY	6	10	5	2	3	0	0	...	8
URY	...	...	...	...	...	...	...	...	...
TOTAL	559	616	239	27	30	19	298	3	15

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 01-16, 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 (2013/17-2014/16)	
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	...	100	100	57	29	0.8	0.5
	COL	5405	92	96	92	97	4.7	4.3
	ECU	2184	...	...	...	...	0.0	0.0
	PER	0	...	84	92	46	1.4	0.0
	VEN	13092	...	88	91	44	1.6	0.1
BRA	BRA	12309	79	99	82	60	2.9	0.4
CAP	CRI	57	...	14	100	71	0.6	0.0
	GTM	1506	...	26	95	62	1.8	0.1
	HND	469	...	38	100	92	2.0	1.8
	NIC	185	...	47	88	50	2.5	2.3
	PAN	223	...	93	98	74	5.8	0.1
	SLV	893	...	22	33	56	7.5	2.5
CAR	CAR	759	52	3	89	6	4.7	0.0
LAC	CUB	150	100	100	100	100	10.5	0.0
	DOM	...	...	25	100	100	0.7	0.0
	GLP	...	...	...	...	...	0.4	...
	GUF	...	...	...	...	...	0.4	...
	HTI	123	99	90	98	84	3.3	2.0
	MTQ	...	...	...	...	...	0	...
	PRI	...	...	...	...	...	...	...
MEX	MEX	11138	...	98	...	...	3.8	...
NOA	CAN	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...
SOC	ARG	779	0	15	94	57	0.8	1.2
	CHL	801	0	59	64	95	1.0	4.2
	PRY	988	0	54	94	94	4.9	0.3
	URY	155	...	...	...	...	0.0	0.0
Total and Average*		51216	82	85	84	78	2.8	0.7

*Weighted