

# Measles/Rubella Weekly Bulletin

## TIMELINE FOR DOCUMENTATION AND VERIFICATION OF MEASLES, RUBELLA AND CRS ELIMINATION

In 2007, Resolution CSP27.R2 urged PAHO's Member States to establish national commissions and authorized the formation of an International Expert Committee (IEC) to document and verify the elimination of measles, rubella and congenital rubella syndrome (CRS) in the Americas.

On April 21-22 2014, the IEC and the National Commissions and Sub Regional Commission for the English-speaking Caribbean countries will hold their 5th meeting, to discuss and review evidence that suggests the interruption of measles and rubella virus circulation in the Region.

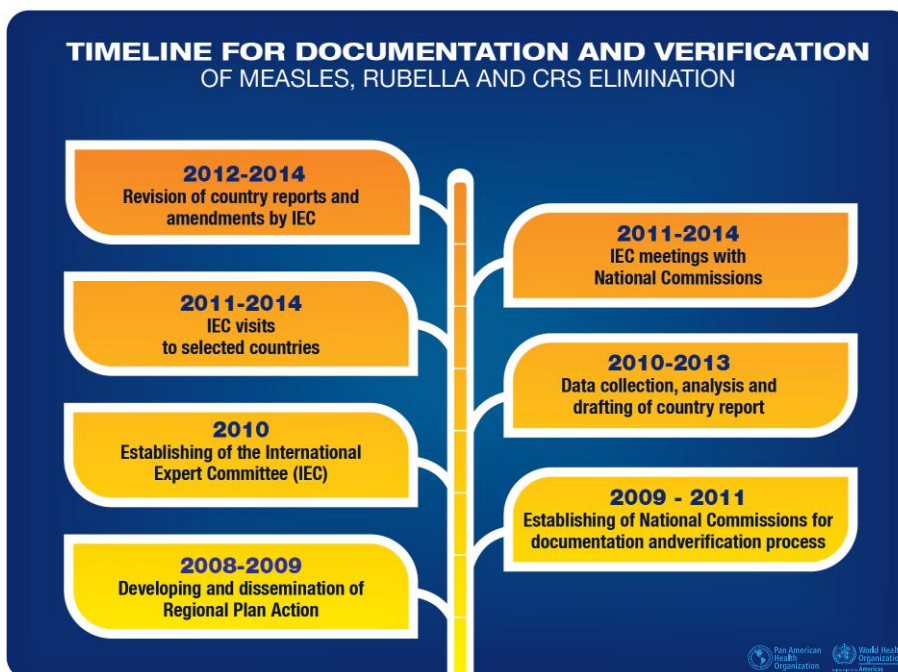


Table.1

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-15, 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	7	0	0	0	2000/40	0	0	0	2006/03	0	4	0	...	...	...	
	COL	383	0	0	0	2013/25	0	0	0	2012/42	0	364	83	0	0	2005/34	
	ECU	...	...	...	...	2012/28	...	...	...	2004/45	0	0	0	...	...	...	
	PER	95	0	0	0	2008/18	0	0	0	2006/45	0	81	0	0	...	2007/16	
	VEN	48	0	0	0	2012/16	0	0	0	2007/51	4	24	4	...	...	...	
BRA	BRA	1558	0	162	162	2014/12	0	0	0	2009/41	0	1106	13	0	...	2009/34	
	CRI	7	0	0	0	2005/22	0	0	0	2001/42	1	6	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	...	2005/00	
CAR	PAN	92	0	0	0	2011/20	0	0	0	2002/48	0	89	0	...	...	...	
	SLV	216	0	0	0	2001/19	0	0	0	2006/30	0	4	0	0	...	2001/00	
	CAR	116	0	0	0	2011/48	0	0	0	2008/18	0	104	0	...	...	1999/00	
	LAC	CUB	172	0	0	0	1993/27	0	0	0	2004/06	0	172	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	...	2005/00	
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	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	...	...	
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
NOA	MEX	614	0	2	2	2014/04	0	0	0	2012/49	0	473	0	0	0	...	
	CAN	...	337 <sup>a</sup>	81	81 <sup>b</sup>	2014/15	0	1	1	2014/10	0	0	0	0	...	2011/12	
SOC	USA	...	...	104	104 <sup>b</sup>	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	...	...	...	...	...	...	
<b>TOTAL</b>	<b>3636</b>	<b>337</b>	<b>349</b>	<b>686</b>	<b>--</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>--</b>	<b>6</b>	<b>2677</b>	<b>131</b>	<b>0</b>	<b>0</b>	<b>--</b>		

\*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 01-15, 2014

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
BRA	ECU				162				
	PER								
CAP	VEN								
	BRA								
CAR	CRI								
	GTM								
LAC	HND								
	NIC								
MEX	PAN								
	SLV								
NOA	CAR								
	CUB								
SOC	DOM								
	GLP								
URY	GUF								
	HTI								
URY	MTQ								
	PRI								
URY	MEX				2				
	CAN	15	29		374	1			
URY	USA	27	61		16				
	ARG								
URY	CHL								
	PRY								
URY	URY								
	TOTAL	42	90	0	554	1	0	0	0

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-15, 2014

Country	Pending Cases 2013	Cumulative 2014	Week of Onset							% Pend.Cases
			1-10	11	12	13	14	15		
BOL	0	3	3	...	...	...	...	...	...	43
COL	37	19	7	3	3	5	1	0	0	5
ECU	...	...	...	...	...	...	...	...	...	...
PER	15	14	9	0	0	1	2	2	2	15
VEN	6	20	20	0	0	0	0	0	0	42
BRA	311	292	0	0	0	0	292	0	0	19
CRI	0	0	0	0	0	...	...	...	...	0
GTM	11	1	1	0	0	0	0	...	...	3
HND	0	0	0	0	0	0	0	0	0	0
NIC	0	12	5	6	1	0	0	...	...	71
PAN	0	3	2	0	0	0	1	0	0	3
SLV	4	186	108	25	19	19	14	1	1	86
CAR	4	12	5	1	0	2	4	0	0	10
CUB	0	0	0	0	0	0	0	0	0	0
DOM	0	0	0	0	0	0	0	0	0	0
GLP	0	0	0	0	0	0	0	0	0	0
GUF	0	0	0	0	0	0	0	0	0	0
HTI	0	8	0	3	0	1	0	4	0	17
MTQ	0	0	0	0	0	0	0	0	0	0
PRI	...	...	...	...	...	...	...	...	...	...
MEX	35	1	1	0	0	0	0	0	0	0
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	84	19	15	2	2	0	0	0	0	37
CHL	50	12	11	0	1	0	0	0	0	32
PRY	6	10	4	1	2	3	0	0	0	8
URY	...	...	...	...	...	...	...	...	...	...
TOTAL	563	612	191	41	28	31	314	7	17	17

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 01-15, 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 (2013/16-2014/15)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	...	...	100	100	57	29	0.9	0.5
	COL	5332	91	74	96	91	96	4.8	4.3
BRA	ECU	2184	...	...	...	...	...	0.0	0.0
	PER	...	...	83	91	70	47	1.5	0.0
CAP	VEN	13092	...	88	88	46	49	1.5	0.1
	BRA	12936	76	99	82	82	60	2.9	0.3
CAR	CRI	57	...	14	100	71	57	0.6	0.0
	GTM	1506	...	26	95	62	70	1.9	0.1
LAC	HND	469	95	38	100	92	100	2.0	1.9
	NIC	185	...	47	88	50	57	2.6	2.3
MEX	PAN	223	73	93	98	74	89	5.9	0.1
	SLV	893	...	22	33	56	77	7.6	0.0
NOA	CAR	759	53	3	90	6	95	4.8	0.0
	CUB	150	100	100	100	100	100	10.5	0.0
SOC	DOM	...	...	25	100	100	50	0.7	0.0
	GLP	...	...	...	...	...	...	0.4	...
URY	GUF	...	...	...	...	...	...	0.4	...
	HTI	116	95	90	98	84	49	3.4	2.0
URY	MTQ	...	...	...	...	...	...	0.0	...
	PRI	...	...	...	...	...	...	...	...
URY	MEX	11138	...	98	...	...	...	3.8	...
	CAN	...	...	...	...	...	...	...	...
URY	USA	...	...	...	...	...	...	...	...
	ARG	779	...	15	94	57	15	0.8	1.2
URY	CHL	801	98	59	64	95	95	1.0	4.2
	PRY	988	89	54	94	94	97	5.0	0.3
URY	URY	155	...	...	...	...	...	0.0	0.0
	TOTAL and Average*	51763	81	83	84	78	71	2.8	0.8

\*Weighted