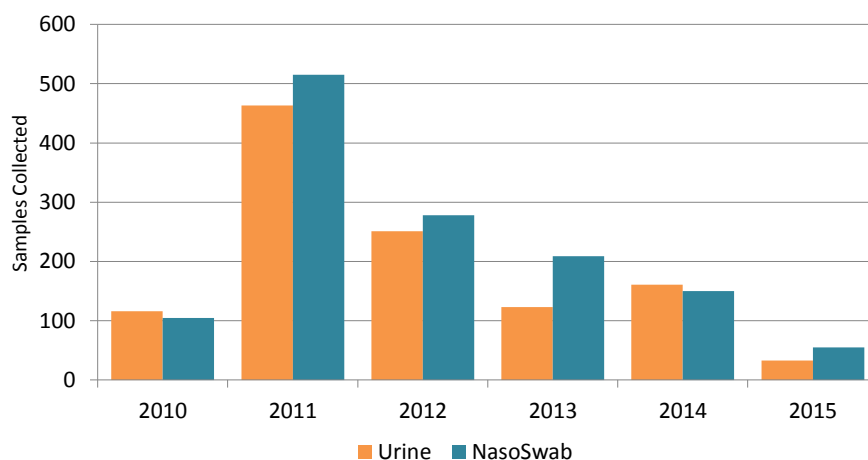


# Measles/Rubella Weekly Bulletin



## Specimens collected for virus detection (urine, respiratory swab), 2010-2015\*

A worrying decline in obtaining biological samples (nasopharyngeal swabs and urine) for the virological sampling of measles/rubella is being observed. Molecular epidemiology is an important tool to document routes of transmission and sources of infection, for which epidemiological case data and viral genetic data are required. Both a serum sample and a respiratory sample should be obtained in all suspected cases, based on the disease's time evolution.



\* Data reported as of epidemiological week 19, 2015  
NOTE: Brazil and Mexico data not available

Table.1  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-23, 2015

Subregion and Country	Susp. Cases 2015	Measles Confirmed 2015			Year/Week Last Conf. Measles case	Rubella Confirmed 2015			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2015		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CR1*		
AND	BOL	28	0	0	0	2000/40	0	0	0	2006/03	0	27	0	...	...	...
	COL	771	0	0	0	2013/25	0	0	0	2012/42	0	720	230	0	0	2005/34
	ECU	...	...	...	...	2012/28	...	...	...	2004/45	...	...	...	...	...	...
	PER	175	0	0	0	2008/18	0	0	0	2006/45	0	159	0	0	0	2007/16
	VEN	179	0	0	0	2012/16	0	0	0	2007/51	6	172	2	0	0	...
BRA	BRA	3116	10	141	151	2015/21	0	0	0	2014/40	0	2509	1	0	...	2009/34
CAP	CRI	18	0	0	0	2005/22	0	0	0	2001/42	1	17	0	...	...	...
	GTM	69	0	0	0	1998/05	0	0	0	2006/30	2	66	0	0	0	2005/00
	HND	165	0	0	0	1997/29	0	0	0	2004/11	0	164	5	0	0	2001/00
	NIC	79	0	0	0	1994/14	0	0	0	2004/19	0	75	11	0	...	2005/00
	PAN	38	0	0	0	2011/20	0	0	0	2002/48	0	38	0	0	0	...
	SLV	80	0	0	0	2001/19	0	0	0	2006/30	0	66	0	0	0	2001/00
CAR	CAR	141	0	0	0	2011/48	0	0	0	2008/18	1	137	7	0	0	1999/00
LAC	CUB	604	0	0	0	1993/27	0	0	0	2004/06	0	0	0	0	0	...
	DOM	13	0	0	0	2011/18	0	0	0	2006/44	0	9	0	...	...	...
	GLP	1	0	0	0	2011/28	0	0	0	...	0	1	0	...	...	2005/00
	GUF	1	0	0	0	2011/26	0	0	0	2010/06	0	1	0	...	...	...
	HTI	89	0	0	0	2001/39	0	0	0	2006/21	0	85	6	0	0	...
	MTQ	...	0	0	0	2011/27	0	0	0	...	0	0	0	...	...	...
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	MEX	2103	0	1	1	2015/02	0	0	0	2012/49	0	1652	0	0	0	...
NOA	CAN	...	...	195	195 <sup>a</sup>	2015/19	0	0	0	2014/10	...	...	...	...	...	2011/12
	USA	...	...	175	175 <sup>a</sup>	2015/21	...	...	...	2014/16	...	...	...	...	...	2012/44
SOC	ARG	103	0	0	0	2014/36	0	0	0	2014/22	1	47	29	0	0	2009/27
	CHL	193	0	6	6	2015/22	0	0	0	2011/25	0	146	0	0	0	...
	PRY	283	0	0	0	1998/44	0	0	0	2005/21	2	193	0	0	0	2003/06
	URY	1	0	0	0	1999/08	0	0	0	2001/37	0	1	0	0	0	...
<b>TOTAL</b>		<b>8250</b>	<b>10</b>	<b>518</b>	<b>528</b>	--	<b>0</b>	<b>0</b>	<b>0</b>	--	<b>13</b>	<b>6285</b>	<b>291</b>	<b>0</b>	<b>0</b>	--

\*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 01-23, 2015

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER	0							
	VEN								
BRA	BRA				151				
	CRI								
	GTM								
	HND								
	NIC								
CAP	PAN								
	SLV								
	CAR								
	CUB								
	DOM								
LAC	GLP								
	GUF								
	HTI								
	MTQ								
	PRI								
MEX	MEX	1							
	CAN	7	168		20				
	USA	81	85		9				
SOC	ARG								
	CHL	6							
	PRY								
	URY								
<b>TOTAL</b>		<b>90</b>	<b>253</b>	<b>0</b>	<b>180</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-23, 2015

Country	Pending Cases 2014	Cumulative 2015	Week of Onset							% Pend.Cases
			1-18	19	20	21	22	23		
BOL	0	1	1	0	0	...	...	...	4	
COL	8	51	44	0	1	2	3	1	7	
ECU	...	...	...	...	...	...	...	...	...	
PER	0	16	6	3	2	2	3	0	9	
VEN	0	1	1	0	0	0	0	...	1	
BRA	431	448	339	18	14	19	35	23	14	
CRI	0	0	0	...	...	...	...	...	0	
GTM	2	1	1	0	0	0	0	0	1	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	4	3	1	...	...	...	...	5	
PAN	0	0	0	0	0	0	0	0	0	
SLV	2	14	6	2	0	3	3	0	18	
CAR	0	3	1	0	1	1	0	0	2	
CUB	0	604	344	120	32	50	24	34	100	
DOM	0	4	4	0	0	0	0	0	31	
GLP	0	0	0	0	0	0	0	0	0	
GUF	0	0	0	0	0	0	0	0	0	
HTI	4	4	2	0	1	0	1	0	4	
MTQ	0	0	0	0	0	0	0	0	0	
PRI	...	...	...	...	...	...	...	...	...	
MEX	0	11	9	2	0	0	0	0	1	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	13	55	38	2	2	3	2	8	53	
CHL	0	42	...	...	...	...	...	...	13	
PRY	2	88	57	5	6	11	7	2	31	
URY	0	0	0	...	...	...	...	...	0	
<b>TOTAL</b>	<b>462</b>	<b>1319</b>	<b>858</b>	<b>154</b>	<b>61</b>	<b>96</b>	<b>82</b>	<b>68</b>	<b>16</b>	

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 01-23, 2015

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 (2014/25-2015/23)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3258	...	100	100	96	81	1.0	0.0
	COL	5458	93	80	94	91	97	5.3	2.5
	ECU	2184	...	...	...	...	...	...	...
	PER	7314	...	75	91	67	46	1.4	0.0
	VEN	13092	...	94	99	77	62	1.7	0.0
CAP	BRA	12526	98	...	75	75	50	1.6	0.0
	CRI	57	...	67	94	83	72	0.9	0.0
	GTM	1506	80	1	96	56	82	1.5	0.1
	HND	469	90	30	100	73	38	5.5	0.3
	NIC	185	0	96	100	88	93	2.9	0.8
LAC	PAN	224	77	45	100	76	92	3.2	0.3
	SLV	0	0	75	96	91	95	4.7	3.8
	CAR	714	87	40	93	20	70	6.0	1.4
	CUB	168	100	100	100	100	100	11.3	0.0
	DOM	247	41	...	100	8	...	0.2	0.0
SOC	GLP	...	...	...	...	...	...	0.2	0.0
	GUF	...	...	...	...	...	...	0.4	0.0
	HTI	191	97	93	96	85	85	1.3	0.3
	MTQ	...	...	...	...	...	...	...	...
	PRI	...	...	...	...	...	...	...	...
MEX	MEX	...	...	98	96	89	82	0.0	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	779	...	14	93	72	45	1.0	0.4
	CHL	817	...	39	80	88	90	1.7	0.0
	PRY	999	94	49	65	96	87	6.6	0.3
	URY	155	...	100	100	100	100	0.2	0.0
<b>Total and Average*</b>		<b>50343</b>	<b>94</b>	<b>83</b>	<b>87</b>	<b>82</b>	<b>70</b>	<b>3.1</b>	<b>0.7</b>

\*Weighted