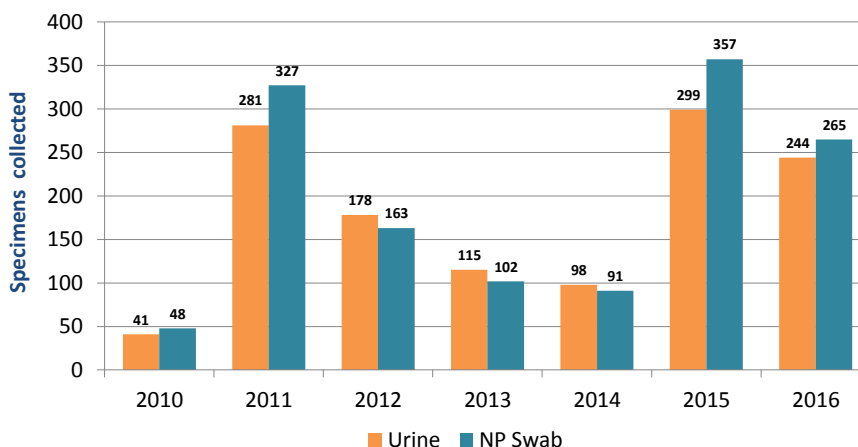


Measles/Rubella Weekly Bulletin



Measles and Rubella Surveillance, 2010-2016* Collection of Specimens for Viral Detection

Surveillance of suspected measles and rubella cases demands a major effort to identify genotypes among imported virus from other regions of the world. For the period 2015 and 2016, there has been a good response to the request of taking specimens for viral detection from each suspected case, resulting in 2-3 times more specimens collected in comparison with 2014. The latter ensures genotype identification if the case is confirmed as measles or rubella.



Source: Surveillance reports sent to FGL/IM as of epidemiological week 24, 2017

*Only case-based countries reporting from 2010-2016

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Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-29, 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	35	0	0	0	2000-40	0	0	0	2006-03	0	29	0	0	0	...
	COL	524	0	0	0	2015-35	0	0	0	2012-31	0	509	248	0	0	2005/34
	ECU	163	0	0	0	2016-14	0	0	0	2004-49	0	144	0	0	0	2004/49
	PER	189	0	0	0	2015-25	0	0	0	2009-04	3	172	0	0	0	2007/16
	VEN	268	0	0	0	2012-17	0	0	0	2015-52	1	267	33	0	0	...
BRA	BRA	713	0	0	0	2015-32	0	0	0	2014-40	0	544	22	0	0	2009/34
	CAP	54	0	0	0	2014-09	0	0	0	2001-39	0	54	72	0	0	...
CAR	GTM	85	0	0	0	1998-05	0	0	0	2006-31	1	84	2	0	0	2005/00
	HND	78	0	0	0	1998-16	0	0	0	2004-11	0	75	14	0	0	2001/00
	NIC	62	0	0	0	1994/14	0	0	0	2004-19	0	58	24	0	0	2005/00
	PAN	32	0	0	0	2011-20	0	0	0	2002-48	0	32	0	0	0	...
	SLV	111	0	0	0	2001-19	0	0	0	2006-30	0	100	0	0	0	2001/00
	CAR	115	0	0	0	2011/48	0	0	0	2008/18	0	110	52	0	0	1999/00
	LAC	CUB	685	0	0	0	1993/27	0	0	0	2004/06	0	685	0	0	0
MEX	DOM	44	0	0	0	2011-18	0	0	0	2007-45	0	16	0	0	0	...
	HTI	64	0	0	0	2001-39	0	0	0	2006-21	0	48	10	0	0	...
	MEX	1955	0	0	0	2015-02	0	0	0	2001-25	0	1623	0	0	0	...
NOA	CAN	...	0	43	43 ^a	2017/21	0	0	0	2016/06	...	...	...	...	...	2015/50
	USA	...	0	111	111 ^a	2017/26	0	1	1	2017/20	...	...	...	...	...	2015/00
SOC	ARG	171	0	3	3	2017-17	0	0	0	2014-22	0	119	69	0	0	2009/27
	CHL	86	0	0	0	2015-27	0	0	0	2011-25	0	83	53	0	0	...
	PRY	281	0	0	0	1998-44	0	0	0	2005-21	1	273	0	0	0	2003/06
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...
TOTAL	5714	0	157	157	--	0	1	1	--	6	5025	599	0	0	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 01-29, 2017

Subregion and Country		Measles				Rubella					
		I	IR	CAC	U	I	IR	CAC	U		
AND	BOL										
	COL										
	ECU										
	PER										
	VEN										
BRA	BRA										
	CAP	CRI									
		GTM									
		HND									
		NIC									
		PAN									
		SLV									
		CAR	CAR								
			LAC								
			CUB								
MEX	DOM										
	HTI										
	MEX										
	NOA	7	31		5						
SOC	CAN	18	85		8	1					
	USA										
	ARG	1	2								
	CHL										
	PRY										
	URY										
TOTAL		25	118	0	13	1	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 01-29, 2017

Country	Pending Cases 2016	Cumulative 2017	Week of Onset						% Pend. Cases
			1-24	25	26	27	28	29	
BOL	0	6	4	0	1	0	1	0	17
COL	11	15	14	1	0	0	0	0	3
ECU	11	19	19	0	0	0	0	0	12
PER	0	14	8	2	1	1	1	1	7
VEN	0	0	0	0	0	0	0	0	0
BRA	184	3	0	5	6	3	...	...	0
CRI	1	0	0	0	0	0	0	0	0
GTM	3	0	0	0	0	0	0	0	0
HND	0	3	2	0	1	0	0	0	4
NIC	0	4	0	2	1	1	0	0	6
PAN	0	0	0	0	0	0	0	0	0
SLV	2	11	9	0	1	1	0	0	10
CAR	0	5	1	0	3	0	0	1	4
LAC	0	0	0	0	0	0	0	0	0
CUB	0	0	0	0	0	0	0	0	0
DOM	2	28	22	3	1	2	...	...	64
HTI	0	16	14	0	2	0	0	0	25
MEX	0	331	202	19	34	19	27	30	17
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	49	38	8	3	0	0	...	29
CHL	0	3	1	0	0	1	0	1	4
PRY	0	7	6	0	1	0	0	0	2
URY	0	0	0	...	...	...	...	...	...
TOTAL	214	514	340	40	55	28	29	33	9

... No report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-29, 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 (2017/30-2017/29)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	3514	...	97	100	69	60	0.7	0.0	
	COL	5214	96	77	98	87	97	2.3	10.9	
	ECU	3208	...	95	100	76	80	1.9	0.0	
	PER	7771	...	85	94	70	55	1.2	0.0	
	VEN	13092	...	100	100	60	67	1.8	0.7	
BRA	BRA	14516	...	...	...	...	...	0.7	0.2
	CAP	CRI	57	...	70	94	80	83	1.4	19.9
		GTM	1541	85	0	94	47	82	1.0	0.0
		HND	470	90	58	99	82	100	1.2	2.2
		NIC	185	...	92	100	92	85	1.9	6.2
		PAN	345	81	75	100	94	91	1.2	0.0
		SLV	1257	91	69	96	98	87	3.4	0.0
		CAR	700	85	93	94	13	75	3.7	6.7
		LAC	168	...	100	100	100	100	14.8	0.0
		DOM	247	...	2	100	30	16	0.6	0.0
HTI	368	...	91	95	47	63	0.8	1.5		
MEX	20146	...	96	98	91	89	2.9	0.0		
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	809	...	22	85	61	69	0.7	2.4	
	CHL	782	81	37	84	82	100	1.0	7.0	
	PRY	1159	93	81	98	89	94	6.7	0.0	
	URY	335	...	0	0	0	0	0	0.0	
Total and Average*		75884	14	87	97	84	87	1.8	1.1	

*Weighted

... No report received