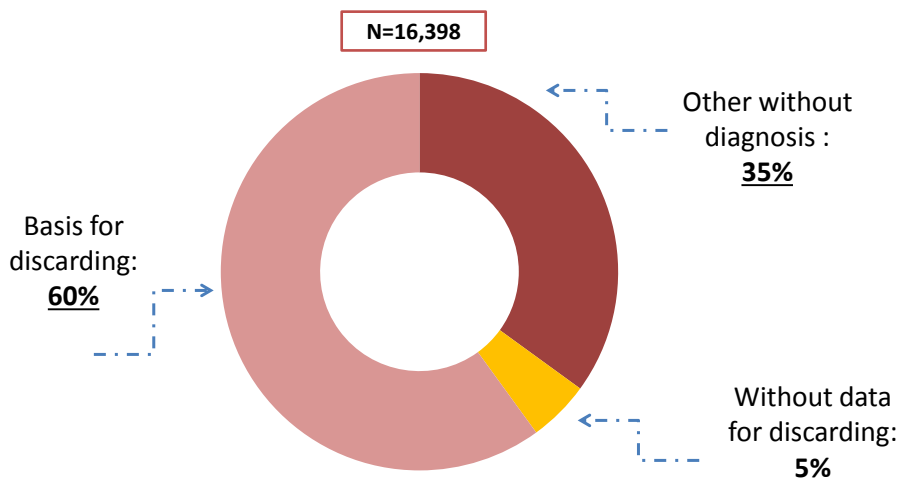


Measles/Rubella Weekly Bulletin



Classification of discarded measles and rubella cases. The Americas, 2015-2016

During 2015 and 2016, 95% of discarded measles and rubella cases had some criterion for discarding. Nevertheless, in 35% of these cases, the clinical diagnosis was not specified (i.e., dengue, Zika, varicella, scarlet fever, etc.); and 5% of the cases were ruled out without registering any data. In the post elimination era, it's important that all suspected measles and rubella cases are discarded using appropriate clinical, epidemiological and laboratory evidences.



Source: Surveillance country reports through ISIS, MESS, and DEF to PAHO

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-22, 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	26	0	0	0	2000-40	0	0	0	2006-03	0	24	0	0	0	...
	COL	354	0	0	0	2015-35	0	0	0	2012-31	0	350	185	0	0	2005/34
	ECU	...	...	...	...	2016-14	...	...	...	2004-49	...	...	...	...	...	2004/49
	PER	139	0	0	0	2015-25	0	0	0	2009-04	2	117	0	0	0	2007/16
	VEN	169	0	0	0	2012-17	0	0	0	2015-52	1	168	33	0	0	...
BRA	BRA	565	0	0	0	2015-32	0	0	0	2014-40	0	462	17	0	0	2009/34
CAP	CRI	5	0	0	0	2014-09	0	0	0	2001-39	0	4	60	0	0	...
	GTM	46	0	0	0	1998-05	0	0	0	2006-31	0	46	2	0	0	2005/00
	HND	51	0	0	0	1998-16	0	0	0	2004-11	0	47	8	0	0	2001/00
	NIC	44	0	0	0	1994/14	0	0	0	2004-19	0	36	24	0	0	2005/00
	PAN	23	0	0	0	2011-20	0	0	0	2002-48	0	18	0	0	0	...
	SLV	73	0	0	0	2001-19	0	0	0	2006-30	0	60	0	0	0	2001/00
CAR	CAR	88	0	0	0	2011/48	0	0	0	2008/18	0	78	51	0	0	1999/00
LAC	CUB	284	0	0	0	1993/27	0	0	0	2004/06	0	284	0	0	0	...
	DOM	19	0	0	0	2011-18	0	0	0	2007-45	0	16	0	0	0	...
	HTI	55	0	0	0	2001-39	0	0	0	2006-21	0	44	10	0	0	...
MEX	MEX	1353	0	0	0	2015-02	0	0	0	2001-25	0	1062	0	0	0	...
NOA	CAN	...	...	42	42 ^a	2017/21	0	0	0	2016/06	...	...	...	...	...	2015/50
	USA	...	...	100	100 ^a	2017/20	...	1	1	2017/20	...	...	...	...	...	2015/00
SOC	ARG	115	0	3	3	2017-17	0	0	0	2014-22	0	72	55	0	0	2009/27
	CHL	70	0	0	0	2015-27	0	0	0	2011-25	0	66	53	0	0	...
	PRY	228	0	0	0	1998-44	0	0	0	2005-21	1	222	0	0	0	2003/06
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...
TOTAL		3707	0	145	145	--	0	1	1	--	4	3176	498	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 01-22, 2017

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA								
	CRI								
	GTM								
	HND								
	NIC								
CAR	PAN								
	SLV								
	CAR								
	CUB								
	DOM								
MEX	HTI								
	MEX								
NOA	CAN	6	31		5				
	USA	16	84			1			
SOC	ARG	1	2						
	CHL								
	PRY								
	URY								
TOTAL		23	117	0	5	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 01-22, 2017

Country	Pending Cases 2016	Cumulative 2017	Week of Onset						% Pend. Cases
			1-17	18	19	20	21	22	
BOL	0	2	2	0	0	0	0	0	8
COL	11	4	3	0	1	0	0	0	1
ECU	19	...	...	...	...	...	...	...	...
PER	0	20	9	3	1	2	5	...	14
VEN	0	0	0	0	0	0	0	0	0
BRA	184	3	0	8	13	6	11	0	1
CRI	1	1	1	0	0	0	0	0	20
GTM	3	0	0	0	0	0	0	0	0
HND	0	4	2	0	0	1	1	0	8
NIC	0	8	0	1	4	2	0	1	18
PAN	0	5	1	0	0	0	4	0	22
SLV	2	13	5	2	0	4	1	1	18
CAR	1	10	5	1	3	1	0	0	11
CUB	0	0	0	0	0	0	0	...	0
DOM	2	3	2	1	0	0	0	0	16
HTI	0	11	9	1	1	0	0	0	20
MEX	0	291	152	8	17	26	34	54	22
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	40	17	10	5	7	1	0	35
CHL	0	4	1	0	1	0	0	2	6
PRY	4	5	5	0	0	0	0	0	2
URY	0	0	0	0	0	...	...	...	0
TOTAL	229	424	214	35	46	49	57	58	11

... No report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-22, 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 (2017/23-2017/22)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3514	...	96	100	81	62	0.7	0.0
	COL	5239	96	77	98	90	97	2.4	10.0
	ECU	2184	...	...	...	...	...	0.6	0.0
	PER	7771	...	85	95	73	51	1.2	0.0
	VEN	13092	...	99	99	51	63	1.9	0.7
CAP	BRA	13095	...	...	...	...	...	0.7	0.2
	CRI	57	...	80	100	20	40	0.6	18.1
	GTM	1541	98	0	93	54	83	1.1	0.0
	HND	470	87	59	100	76	100	1.0	1.8
	NIC	185	...	98	100	100	82	2.0	6.0
CAR	PAN	321	36	65	100	91	96	1.2	0.0
	SLV	1256	...	64	95	97	91	3.1	0.0
	CAR	700	85	94	97	16	71	4.7	6.6
	LAC	168	...	100	100	100	100	12.9	0.0
	DOM	247	...	0	100	68	37	0.4	0.0
MEX	HTI	368	83	89	98	49	69	0.8	1.5
	MEX	20146	...	96	99	88	85	3.1	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	809	...	23	84	63	69	0.7	2.2
	CHL	781	83	40	80	86	100	1.1	5.8
	PRY	1158	93	79	97	91	93	6.2	0.0
	URY	155	...	0	0	0	0	0.0	0.0
Total and Average*		73257	13	87	97	83	85	1.8	1.0

*Weighted

... No report received