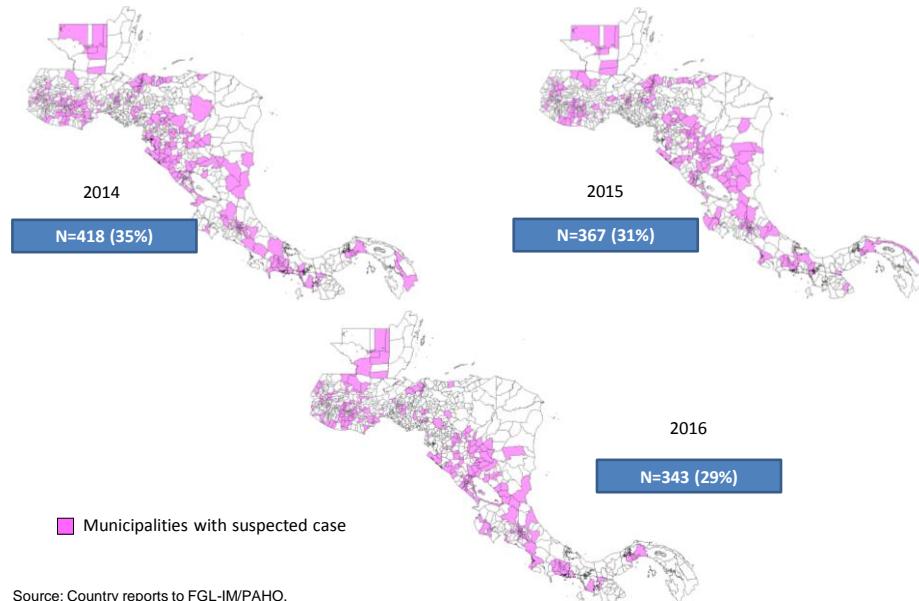


Measles/Rubella Weekly Bulletin



Municipalities reporting suspected cases of measles and rubella. Central America, 2014-2016

Analyzing the municipalities reporting suspected measles and rubella cases helps expose those silent areas that have not reported data within a year. During the last three years, there has been a reduction in the number of municipalities reporting suspected cases in Central America: going from 418 municipalities in 2014 to 343 in 2016. In addition, at least 598 (49%) municipalities have remained consecutively silent during the analyzed period. Therefore, strengthening the local level on data analysis and decision-making when presented with a suspected case of measles, rubella and congenital rubella syndrome (CRS) is critical.



Source: Country reports to FGL-IM/PAHO.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-24, 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	406	0	0	0	2015-35	0	0	0	2012-31	0	393	201	0	0	2005/34	
	ECU	143	0	0	0	2016-14	0	0	0	2004-49	0	123	0	0	0	2004/49	
	PER	139	0	0	0	2015-25	0	0	0	2009-04	2	117	0	0	0	2007/16	
	VEN	230	0	0	0	2012-17	0	0	0	2015-52	1	229	33	0	0	...	
BRA	BRA	580	0	0	0	2015-32	0	0	0	2014-40	0	492	17	0	0	2009/34	
	CAP	CRI	5	0	0	0	2014-09	0	0	0	2001-39	0	4	60	0	0	...
		GTM	65	0	0	0	1998-05	0	0	0	2006-31	1	64	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	48	0	0	0	1994/14	0	0	0	2004-19	0	44	24	0	0	2005/00
CAR	PAN	25	0	0	0	2011-20	0	0	0	2002-48	0	20	0	0	0	...	
	SLV	88	0	0	0	2001-19	0	0	0	2006-30	0	72	0	0	0	2001/00	
	CAR	96	0	0	0	2011/48	0	0	0	2008/18	0	92	51	0	0	1999/00	
	LAC	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	...	
MEX	HTI	62	0	0	0	2001-39	0	0	0	2006-21	0	48	10	0	0	...	
	MEX	1526	0	0	0	2015-02	0	0	0	2001-25	0	1220	0	0	0	...	
	NOA	...	0	43	43 ^a	2017/21	0	0	0	2016/06	...	...	...	...	...	2015/50
SOC	USA	...	0	108	108 ^a	2017/20	0	1	1	2017/20	...	...	...	...	...	2015/00
	ARG	143	0	3	3	2017-17	0	0	0	2014-22	0	86	64	0	0	2009/27	
	CHL	76	0	0	0	2015-27	0	0	0	2011-25	0	70	53	0	0	...	
	PRY	251	0	0	0	1998-44	0	0	0	2005-21	1	245	0	0	0	2003/06	
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	0	0	...	
TOTAL	4263	0	154	154	--	0	1	1	--	5	3690	523	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 01-24, 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								
CAR	NIC								
	PAN								
	SLV								
	LAC								
	CAR								
MEX	CUB								
	DOM								
	HTI								
	MEX								
	NOA								
SOC	CAN	7	31		13				
	USA	16	84			1			
	ARG	1	2						
	CHL								
	URY								
TOTAL		24	117	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 01-24, 2017

Country	Pending Cases 2016	Cumulative 2017	Week of Onset						% Pend. Cases
			1-19	20	21	22	23	24	
BOL	0	2	2	0	0	0	...	...	8
COL	11	13	8	3	0	2	0	0	3
ECU	11	19	10	2	4	3	0	0	13
PER	0	20	13	2	5	0	0	0	14
VEN	0	0	0	0	0	0	0	0	0
BRA	184	0	0	4	7	6	0	0	0
CAP	1	1	1	0	0	0	0	0	20
CRI	3	0	0	0	0	0	0	0	0
GTM	0	4	2	1	1	0	...	...	8
HND	0	4	0	0	0	4	0	0	8
NIC	0	5	1	0	2	1	1	0	20
PAN	0	16	4	3	2	3	2	2	18
SLV	0	4	1	0	0	2	0	1	4
LAC	0	0	0	0	0	0	0	...	0
CAR	0	0	0	0	0	0	0	...	0
CUB	2	3	3	0	0	0	0	0	16
DOM	0	14	11	2	0	1	0	0	23
HTI	0	306	164	20	22	29	27	44	20
MEX	...	...	...	...	...	...	...	...	...
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	54	28	11	7	5	2	1	38
CHL	0	6	2	0	0	1	1	2	8
PRY	1	5	5	0	0	0	0	0	2
URY	0	0	0	...	...	...	...	...	0
TOTAL	217	476	255	48	50	57	33	50	11

... No report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-24, 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 (2017/25-2017/24)		
		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	5230	95	77	98	88	98	2.4	10.2	
	ECU	3208	...	95	100	73	78	1.8	0.0	
	PER	7771	...	85	95	73	51	1.2	0.0	
	VEN	13092	...	100	100	60	70	1.9	0.7	
CAP	BRA	14608	...	...	...	...	...	0.7	0.2
	CRI	57	...	80	100	20	40	0.5	18.1	
	GTM	1541	89	0	95	54	80	1.0	0.0	
	HND	470	...	59	100	76	100	0.9	1.8	
	NIC	185	100	96	100	100	81	2.0	6.2	
CAR	PAN	345	48	72	100	92	96	1.2	0.0	
	SLV	1257	91	72	95	98	88	3.2	0.0	
	LAC	CAR	700	85	95	97	12	72	4.4	6.6
	CUB	168	...	100	100	100	100	12.4	0.0	
	DOM	247	...	0	100	68	37	0.4	0.0	
MEX	HTI	368	88	90	95	48	65	0.9	1.5	
	MEX	20146	...	96	98	89	87	3.1	0.0	
	NOA	CAN	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	SOC	ARG	809	...	24	81	66	69	0.7	2.3
CHL		782	82	39	82	84	100	1.1	7.0	
PRY		1159	93	81	98	90	94	6.4	0.0	
URY		335	...	0	0	0	0	0	0.0	
Total and Average*		75992	14	87	97	82	85	1.8	1.1	

*Weighted

... No report received