

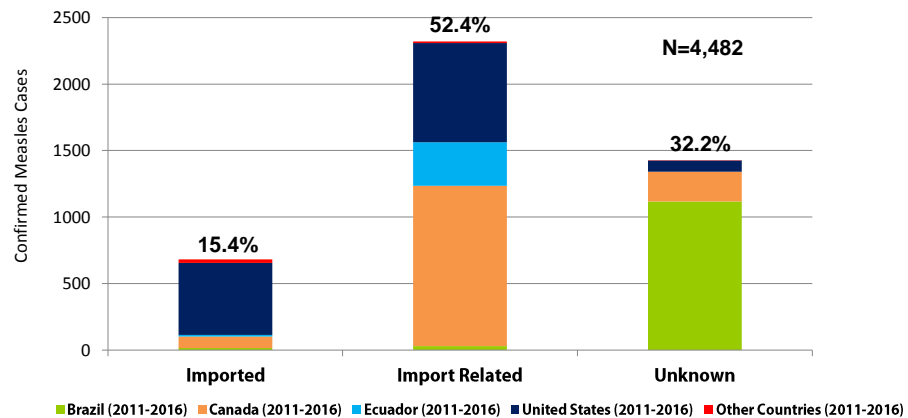
Measles/Rubella Weekly Bulletin



Imported cases are biggest threat to maintaining elimination efforts

Distribution of confirmed measles cases by source of infection, The Americas, 2011-2016*

Between 2011 and 2016, 4,482 confirmed measles cases have been registered, of which 15.4% were imported (with history of travel to another region or country), 52.4% are related to importation and the source of infection could not be identified for 32.2%. It is necessary to reiterate the importance of implementing quick and aggressive actions against any imported case to avoid transmission of the virus to close or unknown contacts.



Source: Measles Eradication Surveillance System (MESS); Integrated Surveillance Information System (ISIS) and country reports to FGL-IM/PAHO.
*Data as of 11 August 2016

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-31, 2016

Subregion and Country	Susp. Cases 2016	Measles Confirmed 2016			Year/Week Last Conf. Measles case	Rubella Confirmed 2016			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2016		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	61	0	0	0	2000/40	0	0	0	2006/03	0	59	0	0	0	...
	COL	877	0	0	0	2015/36	0	0	0	2012/42	0	824	312	0	0	2005/34
	ECU	117	0	1	1	2016/14	0	0	0	2004/45	0	97	0	0	0	2002/00
	PER	208	0	0	0	2015/25	0	0	0	2006/45	0	159	0	0	0	2007/16
	VEN	146	0	0	0	2012/16	0	0	0	2007/51	6	140	0	0	0	...
BRA	BRA	1150	0	0	0	2015/32	0	0	0	2014/40	0	1025	40	0	0	2009/34
CAP	CRI	17	0	0	0	2005/22	0	0	0	2001/42	3	13	47	0	0	...
	GTM	114	0	0	0	1998/05	0	0	0	2006/30	4	62	0	0	0	2005/00
	HND	39	0	0	0	1997/29	0	0	0	2004/11	1	38	11	0	0	2001/00
	NIC	70	0	0	0	1994/14	0	0	0	2004/19	0	69	32	0	0	2005/00
	PAN	39	0	0	0	2011/20	0	0	0	2002/48	0	38	0	0	0	...
	SLV	79	0	0	0	2001/19	0	0	0	2006/30	0	62	0	0	0	2001/00
CAR	CAR	294	0	0	0	2011/48	0	0	0	2008/18	0	286	13	0	0	1999/00
LAC	CUB	104	0	0	0	1993/27	0	0	0	2004/06	0	104	0	0	0	...
	DOM	41	0	0	0	2011/18	0	0	0	2006/44	0	10	0	0	0	...
	GLP	0	0	0	0	2011/28	0	0	0	...	0	0	0	...	...	2005/00
	GUF	1	0	0	0	2011/26	0	0	0	2010/06	0	1	0	...	...	...
	HTI	26	0	0	0	2001/39	0	0	0	2006/21	0	19	4	0	0	...
	MTQ	2	0	0	0	2011/27	0	0	0	...	0	2	0	...	...	...
MEX	MEX	2395	0	0	0	2015/02	0	0	0	2012/49	0	2251	0	0	0	...
NOA	CAN	...	...	8	8 ^a	2016/22	0	1	1	2016/06	0	0	0	...	...	2015/50
	USA	...	...	48	48 ^a	2016/28	...	1	1	2016/03	0	0	0	...	...	2015/00
SOC	ARG	145	0	0	0	2014/36	0	0	0	2014/22	7	87	67	0	0	2009/27
	CHL	121	0	0	0	2015/27	0	0	0	2011/25	0	113	32	0	0	...
	PRY	216	0	0	0	1998/44	0	0	0	2005/21	22	167	0	0	0	2003/06
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	...	...	...
TOTAL		6262	0	57	57	--	0	2	2	--	43	5626	558	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 01-31, 2016

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU	1							
	PER								
	VEN								
BRA	BRA								
	CAP								
CAR	CRI								
	GTM								
	HND								
	NIC								
	PAN								
	SLV								
	LAC								
	CUB								
	DOM								
	GLP								
MEX	GUF								
	HTI								
	MTQ								
	MEX								
	NOA	7			1	1			
SOC	USA	28	19		1	1			
	ARG								
	CHL								
	PRY								
	URY								
TOTAL		36	19	0	2	2	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-31, 2016

Country	Pending Cases 2015	Cumulative 2016	Week of Onset							% Pend.Cases
			1-26	27	28	29	30	31		
BOL	0	2	2	0	...	...	...	...	...	3
COL	2	53	25	5	13	6	4	0	0	6
ECU	42	19	19	...	...	...	...	...	...	16
PER	10	49	43	2	1	1	2	0	0	24
VEN	0	0	0	0	0	0	0	0	0	0
BRA	234	126	102	10	10	4	0	...	...	11
CAP	0	1	1	0	0	0	0	...	...	6
GTM	1	48	43	5	0	0	0	0	0	42
HND	0	0	0	0	0	0	0	0	0	0
NIC	0	1	0	1	0	0	0	0	0	1
PAN	0	1	0	0	0	1	0	...	...	3
SLV	9	17	16	0	1	...	...	...	...	22
LAC	0	8	5	0	1	0	1	1	1	3
CUB	0	0	0	...	...	...	...	...	...	0
DOM	69	31	31	...	...	...	...	...	...	0
GLP	0	0	0	0	0	0	0	...	...	0
GUF	0	0	0	0	0	0	0	...	...	0
HTI	0	7	2	2	2	0	1	0	0	27
MTQ	0	0	0	0	0	0	0	...	...	0
MEX	0	0	0	0	0	0	0	0	0	0
NOA										
CAN	7									
USA	28	19								
SOC										
ARG	3	51	48	1	1	1	0	0	0	35
CHL	0	8	4	0	0	1	0	3	7	7
PRY	4	27	25	1	0	0	0	1	13	13
URY	0	0	0	0	...	...	...	...	...	0
TOTAL		374	449	366	27	29	14	8	5	7

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 01-31, 2016

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 (2015/32-2016/31)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	3514	...	100	95	42	83	1.3	0.0	
	COL	5359	95	74	95	87	93	4.2	3.5	
	ECU	3208	...	87	98	77	76	1.3	0.0	
	PER	7061	...	84	90	78	33	1.6	0.0	
	VEN	13092	...	75	99	68	64	1.3	0.1	
CAP	BRA	15054	68	...	70	70	76	1.2	0.1	
	CRI	57	...	47	100	88	94	0.7	6.3	
	GTM	1506	82	4	92	58	60	1.2	0.5	
	HND	470	91	69	100	77	97	0.8	0.6	
	NIC	185	...	93	100	100	86	2.1	2.3	
	PAN	282	...	90	100	69	97	1.8	0.1	
	SLV	1246	...	68	94	96	77	3.0	3.8	
	LAC	CAR	714	85	83	98	16	72	5.3	2.0
	CUB	168	...	100	100	100	100	2.3	0.0	
	DOM	247	...	0	95	0	0	0.6	0.0	
MEX	GLP	...	...	...	...	...	...	0.0	0.0
	GUF	...	...	...	...	...	...	0.9	0.0
	HTI	320	78	92	96	73	69	0.7	0.2	
	MTQ	...	...	...	...	...	...	0.5	0.0
	MEX	139	...	98	96	92	87	2.2	0.0	
NOA										
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
SOC										
ARG	809	...	21	90	70	47	0.8	1.0		
CHL	850	83	31	90	92	96	2.0	1.3		
PRY	1169	82	82	96	83	75	6.6	0.3		
URY	345	...	0	0	0	0	0.1	0.0		
Total and Average*		55795	75	84	91	80	81	1.8	0.9	

*Weighted

... No report received