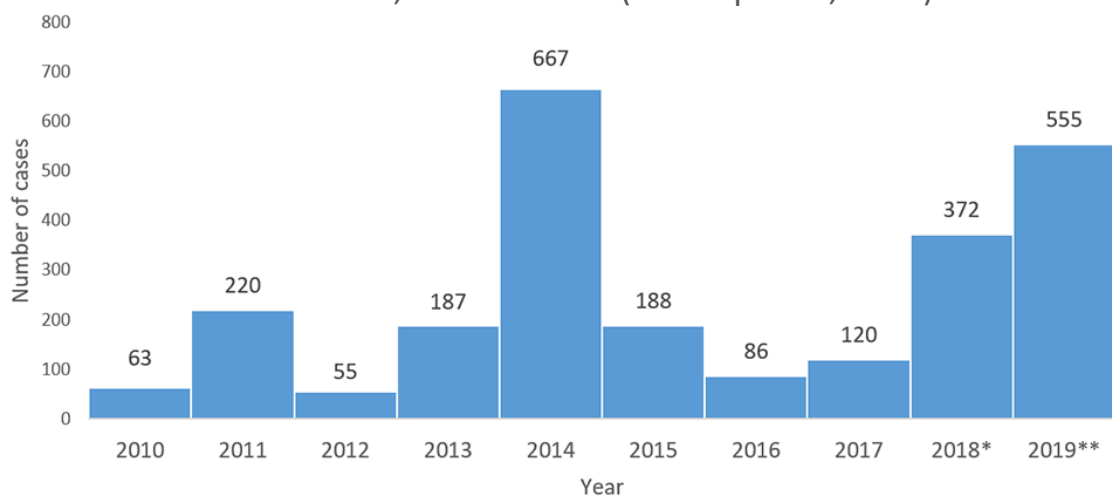




Distribution of confirmed measles cases by year United States, 2010-2019** (as of April 11, 2019)



Between January 1 and April 11 of 2019, United States have confirmed 555 cases of measles among 20 states: Arizona, California, Colorado, Connecticut, Florida, Georgia, Illinois, Indiana, Kentucky, Maryland, Massachusetts, Michigan, Missouri, Nevada, New Hampshire, New Jersey, New York, Oregon, Texas, and Washington. Outbreaks (≥ 3 cases) have been reported in the states of California (Butte County), Michigan, New York (Rockland County), New Jersey, Washington and the City of New York. These outbreaks are related to travelers with a travel history to Israel, Ukraine and the Philippines.

Source: Centers for Disease Control and Prevention, <https://www.cdc.gov/measles/cases-outbreaks.html>

*Cases as of December 29, 2018. Case count is preliminary and subject to change.

**Cases as of April 11, 2019. Case count is preliminary and subject to change. Data are updated every Monday.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 15, 2019

Subregion and Country	Susp. Cases 2019	Measles Confirmed 2019				Year/Week Last Conf. Measles case	Rubella Confirmed 2019			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2019		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*	
AND	BOL	14	0	0	...	0	0	0	2006-03	0	2	0	0	0	...	
	COL	917	0	82	...	82 ^a	0	0	0	2012-31	1	747	80	0	0	2005-34
	ECU	0	...	...	...	...	...	...	...	2004-49	...	...	...	...	...	2011-14
	PER	108	0	1	...	1	0	0	0	2009-04	0	104	0	0	0	2007-16
BRA	VEN	488	32	85	23	140 ^a	0	0	0	2007-51	0	2	0	0	0	...
	BRA	...	...	48	...	48 ^{a,b}	...	...	...	2014-40	...	...	...	...	...	2009-34
	CAP	CRI	26	0	9	...	9 ^a	0	0	0	2001-39	0	14	37	0	0
CAR	GTM	108	0	0	...	0	0	0	0	2006-31	0	99	2	0	0	2005-00
	HND	83	0	0	...	0	0	0	0	2004-11	0	70	3	0	0	2001-00
	NIC	163	0	0	...	0	0	0	0	2004-19	3	107	11	0	0	2005-00
	PAN	10	0	0	...	0	0	0	0	2002-48	0	8	0	0	0	...
	SLV	57	0	0	...	0	0	0	0	2006-30	0	57	0	0	0	2001-00
	CAR	CAR	87	0	1	1	2	0	0	0	2008-18	0	77	2	0	0	1999-00
LAC	CUB	713	0	0	...	0	0	0	0	2004-06	0	6	0	0	0	1989-10
	DOM	30	0	0	...	0	0	0	0	2007-45	1	21	0	0	0	...
	HTI	55	0	0	...	0	0	0	0	2006-21	0	14	10	0	0	...
MEX	MEX	947	0	1	...	1	0	0	0	2018-14	0	745	0	0	0	...
NOA	CAN	...	...	37	4	41	...	...	...	2016-06	...	...	...	...	...	2018-39
	USA	...	...	42	513	555 ^c	...	...	...	2017-16	...	...	...	...	...	2017-00
SOC	ARG	16	0	4	...	4	0	0	0	2014-22	0	12	0	0	0	2009-27
	CHL	399	0	3	...	3	0	0	0	2011-25	0	352	34	0	0	...
	PRY	469	0	0	...	0	0	0	0	2005-21	11	284	2	0	0	2003-06
	URY	...	...	3	...	3 ^a	...	...	...	2001-37	...	...	...	...	...	...
TOTAL	4247	32	316	541	889	--	0	0	0	--	16	2721	181	0	0	--

*Congenital Rubella Infection.

...No updated report receive

(a) PAHO/WHO. Epidemiological Update: Measles. 17 April 2019, Washington, D.C.: PAHO/WHO; 2019;

(b) Ministry of Health Brazil. Report No.37,19 March 2019. Some of the confirmed measles cases in Brazil were among crewmembers of a cruise ship; (c) Provisional data.



Measles, Rubella, and Congenital Rubella Syndrome Surveillance in the Americas

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-15, 2019

Subregion and Country	Measles				Rubella			
	I	IR	En.	U	I	IR	CAC	U
AND								
BOL				12				
COL ^a	70							
ECU								
PER ^a	1							
VEN ^a			40	100				
BRA	48							
CAP		6						
CRI	3							
GTM								
HND								
NIC								
PAN								
SLV								
CAR	2							
LAC								
CUB								
DOM								
HTI								
MEX	1							
NOA				6				
CAN	22	13						
USA	34	513		8				
SOC								
ARG	3	1						
CHL		1		2				
PRY								
URY	1	2						
TOTAL	185	536	40	128	0	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-15, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases
			1-10	11	12	13	14	15		
BOL	2	12	12	0	0	...	...	...	86
COL	184	88	72	4	6	4	2	0	10	
ECU	84	...	...	...	...	...	...	...	...
PER	0	3	2	0	0	0	1	0	3	
VEN	34	0	0	0	0	...	...	...	0
BRA	...	...	...	...	...	...	...	...	...
CRI	23	5	3	0	2	0	0	...	19	
GTM	12	9	2	1	1	2	3	...	8	
HND	0	13	11	2	0	0	0	0	16	
NIC	0	53	5	6	6	23	13	...	33	
PAN	0	2	2	0	0	0	0	0	20	
SLV	0	0	0	0	0	0	...	...	0
CAR	1	8	1	1	0	3	2	1	9	
CUB	0	641	539	52	50	0	0	0	90	
DOM	18	8	8	0	0	0	0	...	27	
HTI	56	41	27	1	2	7	4	0	75	
MEX	0	201	78	27	29	24	26	17	21	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	360	0	0	0	0	0	0	0	0	
CHL	3	44	25	2	0	6	11	0	11	
PRY	25	174	69	25	20	20	28	12	37	
URY	1	...	...	...	...	...	...	...	...
TOTAL	803	1302	856	121	116	89	90	30	31	

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

(a) PAHO/WHO. Epidemiological Update: Measles. 17 April 2019, Washington, D.C.: PAHO/WHO; 2019;

(b) Confirmed measles cases in Brazil were among crewmembers of a cruise ship.

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-15, 2019

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 (2018/16-2019/15)	
	Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND								
BOL	2657	...	14	43	83	83	1.4	0.0
COL	...	...	89	95	93	97	12.2	6.1
ECU	2184	...	...	...	...	...	1.7	0.0
PER	7781	...	89	98	86	26	3.0	0.0
VEN	13092	...	100	100	50	50	6.7	0.0
BRA	...	...	...	...	...	...	4.8	0.1
CAP								
CRI	57	...	73	96	84	76	1.4	5.5
GTM	1541	...	73	96	58	80	2.0	0.2
HND	470	91	82	99	83	99	2.2	1.4
NIC	185	0	97	97	98	88	5.2	4.9
PAN	324	0	90	100	60	100	1.3	0.0
SLV	...	...	70	96	98	98	6.6	0.0
CAR								
CAR	763	94	78	98	9	86	4.2	10.2
LAC								
CUB	168	...	100	100	100	100	27.2	0.0
DOM	247	...	10	100	97	73	1.0	0.0
HTI	652	88	89	100	56	67	1.6	0.8
MEX								
MEX	20589	96	95	99	89	91	2.8	0.0
NOA								
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
SOC								
ARG	784	...	6	100	94	94	1.6	0.3
CHL	768	...	35	97	96	99	5.0	7.4
PRY	1253	97	68	90	78	61	15.4	0.1
URY	155	...	...	...	...	...	0.3	0.0
Total and Average*	53670	42	83	97	89	89	4.8	1.0

*Weighted

... No updated report received