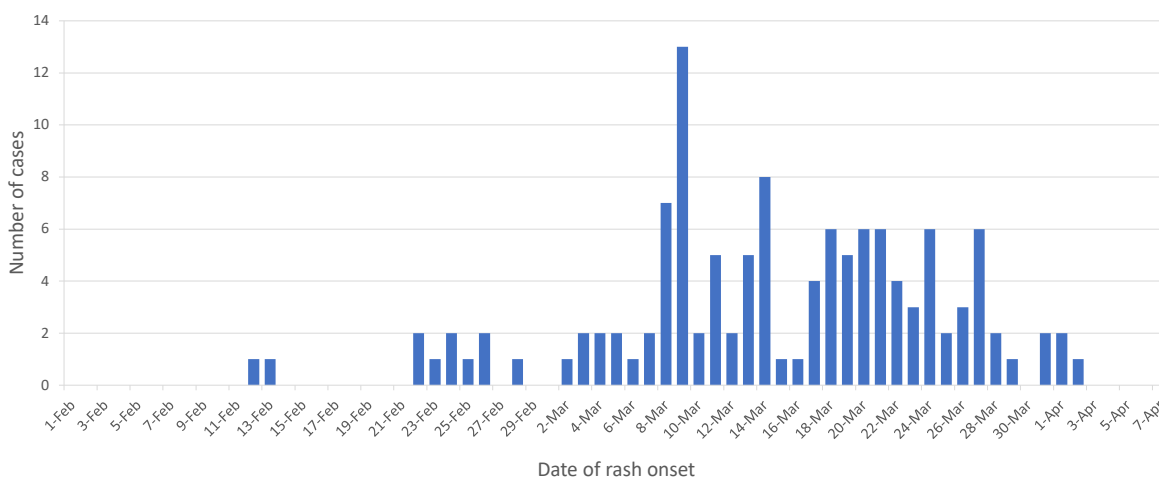




Distribution of confirmed measles cases by date of rash onset, Mexico, 2020*

Between epidemiological week (EW) 7 and EW 14 of 2020, a total of 124 cases were confirmed as measles in Mexico City (n=105), Mexico State (n=18), and 1 in Campeche State.

Age of the confirmed cases ranges between 3 months and 68 years-old (median: 20 years), and 59% are male. The rash onset dates of the confirmed cases in Mexico were between 12 February and 2 April 2020. Analysis conducted by the National Reference Laboratory (InDRE) identified the genotype D8, lineage Mvs/GirSomnath. IND/42.16/ on 17 confirmed cases.



Source: Pan American Health Organization / World Health Organization. Epidemiological Update: Measles. 17 April 2020, Washington, D.C.: PAHO/WHO; 2020. *February 1 to April 7 2020

Table 1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-15, 2020

Subregion and Country	Susp. Cases 2020	Measles Confirmed 2020				Year/Week Last Conf. Measles case	Rubella Confirmed 2020			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2020		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	18	0	0	...	0	0	0	2000-40	2006-03	2	16	0	0	0	...	
	COL ^a	405	0	0	...	0	0	0	2019-51	2012-31	0	...	81	0	0	2005-34	
	ECU	...	...	...	...	...	...	...	2018-33	2004-49	...	...	...	...	...	2011-14
	PER	41	0	0	...	0	0	0	2019-18	2009-04	0	30	0	0	0	2007-16	
	VEN	3	0	0	...	0	0	0	2019-33	2007-51	0	3	19	0	0	...	
BRA	BRA	8113	571	1623	...	2194	0	0	0	2020-13	2014-40	0	1987	3	0	0	2009-34
CAP	CRI	4	0	0	...	0	0	0	2019-13	2001-39	0	2	0	0	0	...	
	GTM	31	0	0	...	0	0	0	2018-03	2006-31	1	28	1	0	0	2005-00	
	HND	63	0	0	...	0	0	0	1998-16	2004-11	0	63	2	0	0	2001-00	
	NIC	39	0	0	...	0	0	0	1994-14	2004-19	3	28	11	0	0	2005-00	
	PAN	12	0	0	...	0	0	0	2011-20	2002-48	0	7	0	0	0	...	
	SLV	3	0	0	...	0	0	0	2001-19	2006-30	0	3	0	0	0	2001-00	
CAR	CAR	43	0	0	...	0	0	0	2019-48	2008-18	0	33	12	0	0	1999-00	
LAC	CUB	481	0	0	...	0	0	0	2019-24	2004-06	0	481	0	0	0	1989-10	
	DOM	11	0	0	...	0	0	0	2011-18	2007-45	0	6	0	0	0	...	
	HTI	51	0	0	...	0	0	0	2001-39	2006-21	0	18	11	0	0	...	
MEX	MEX	1364	133 ^b	0	0	0	2020-15	2018-14	0	915	0	0	0	...
NOA	CAN	1	...	1	0	0	0	2020-06	2019-50	2018-39
	USA	12	...	12	2020-10	2019-03	2017-00
SOC	ARG	...	0	56	...	56	0	0	0	2020-12	2019-47	0	10	0	0	0	2009-27
	CHL	38	0	2	...	2	0	0	0	2020-03	2019-14	0	32	0	0	0	...
	PRY	391	0	0	...	0	0	0	0	1998-44	2005-21	0	309	6	0	0	2003-06
	URY	2	0	2	...	2	0	0	0	2020-07	2001-37	0	0	0	0	0	...
TOTAL		11113	571	1696	0	2400	0	0	0	--	6	3971	146	0	0	--	

*Congenital Rubella Infection.

...No updated report received

(a) [Boletín Epidemiológico Semanal, SE 14-2020](#), Instituto Nacional de Salud, Colombia; (b) General Surveillance of Epidemiology, Health Secretary of Mexico. Accessed on 16 April of 2020.

https://www.gob.mx/cms/uploads/attachment/file/546222/Tabla_resumen_casos_confirmados_sarampion_2020.04.11.pdf



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

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Table No.2
Infection Source of Measles and Rubella Confirmed Cases
for the Period of Weeks 01-15, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA				2194			
	CAP							
	CRI							
	GTM							
	HND							
CAR	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
MEX	CUB							
	DOM							
	HTI							
NOA	MEX				133			
	CAN	1						
SOC	USA	12						
	ARG	5			51			
	CHL	2						
	PRY							
	URY		2					
TOTAL		20	2	0	2378	0	0	0

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-15 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset							% Pend. Cases
			1-10	11	12	13	14	15		
BOL	1	0	0	0	0	0	0	0	0	0
COL	119	...	...	...	...	...	...	...	...	...
ECU	8	...	...	...	...	...	...	...	...	...
PER	13	11	10	0	0	0	1	0	0	27
VEN	3	0	0	0	...	...	...	...	...	0
BRA	7598	3929	3071	542	250	66	0	...	...	48
CRI	0	2	2	0	0	...	...	...	...	50
GTM	0	2	0	1	1	0	...	...	...	6
HND	0	0	0	0	0	0	0	0	0	0
NIC	4	8	0	1	2	1	4	0	0	21
PAN	1	5	5	...	...	...	...	...	...	42
SLV	0	0	0	...	...	...	...	...	...	0
CAR	6	10	9	0	1	0	0	0	0	23
CUB	0	0	0	0	0	0	0	...	...	0
DOM	20	5	3	0	1	0	0	1	1	45
HTI	34	33	24	5	4	0	0	0	0	65
MEX	248	349	64	40	67	102	76	...	...	26
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	2	...	...	...	...	...	...	...	...	...
CHL	9	4	4	0	0	0	0	0	0	11
PRY	86	82	73	5	0	1	2	1	1	21
URY	3	0	0	...	...	...	...	...	...	0
TOTAL	8155	4440	3265	594	326	170	83	2	2	40

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-15, 2020

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 (2019/16-2020/15)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	89	67	47	65	1.3	0.3
	COL	5910	82	...	...	...	...	1.9	6.0
	ECU	2184	...	...	...	...	...	...	...
	PER	7781	...	95	83	67	58	1.3	0.0
	VEN	13092	...	100	100	0	0	0.5	0.6
CAP	BRA	...	...	...	...	...	...	30.5	0.1
	CRI	57	...	100	100	100	75	1.1	8.4
	GTM	1541	...	100	100	58	94	1.5	0.0
	HND	469	91	95	98	78	95	4.1	1.4
	NIC	185	100	95	97	95	97	7.9	3.3
CAR	PAN	324	...	75	100	100	100	1.3	0.0
	SLV	1271	...	100	100	100	33	5.8	0.0
	CAR	763	81	67	88	13	63	4.0	4.5
	LAC	168	...	100	100	100	100	25.5	0.0
	DOM	247	...	55	91	64	36	1.1	0.0
MEX	HTI	659	90	84	98	45	57	1.5	1.5
	MEX	20244	...	96	98	82	80	4.0	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	9	94	56	56	0.7	0.0
	CHL	767	...	8	95	92	94	2.3	7.4
	PRY	1288	97	72	90	79	88	20.3	0.8
	URY	155	...	100	0	0	0	1.6	0.0
Total and Average*		60546	13	91	96	83	85	12.5	0.9

*Weighted

... No updated report received