



Imported measles case in Curaçao, July 2019

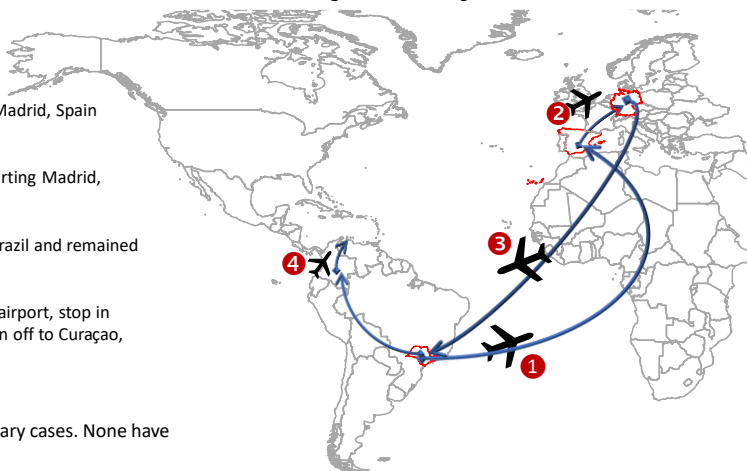
Travel history:



- 1 **6 July:** Traveled from São Paulo, Brazil to Madrid, Spain arriving at 5:15 am on 7 July.
- 2 **7 July:** Traveled to Munich, Germany departing Madrid, Spain at 7:10 am.
- 3 **12 July:** The case returned to São Paulo, Brazil and remained there for 3 days.
- 4 **15 July:** The case depart São Paulo, Brazil airport, stop in Bogota, Colombia for a few hours and then off to Curaçao, arriving the same day.

Onset of rash: 17 July

20 July - 11 August: Period of expected secondary cases. None have been reported from Curaçao to date.



A confirmed measles case was reported in a 51-year-old Brazilian tourist in Curaçao, on July 19, 2019. Onset of rash was on July 17. During his exposure period, the case traveled to Europe for 7 days, returning to his country on July 12. During his infectious period, he travelled by air to Curaçao via Bogota, Colombia. Genotype and lineage information will clarify the source of infection, as both Europe and Brazil have reported measles outbreaks. Control measures are ongoing.

Source: Country report

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-30, 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	55	0	0	...	0	0	0	2006-03	0	19	0	0	0	...		
	COL	1565	0	125	...	125	2019-22	0	0	0	2012-31	1	1339	163	0	0	2005-34
	ECU	2	0	0	0	0	2018-33	0	0	0	2004-49	0	2	0	...	...	2011-14
	PER	293	0	2	...	2	2019-17	0	0	0	2009-04	0	282	0	0	0	2007-16
	VEN	281	32	277	23	332 ^a	2019-24	0	0	0	2007-51	9	103	19	0	0	...
BRA	BRA	4430	13	634	...	647	2019-28	...	...	...	2014-40	0	1792	28	0	0	2009-34
CAP	CRI	47	0	10	...	10 ^a	2019-13	0	0	0	2001-39	0	36	25	0	0	...
	GTM	243	0	0	...	0	2018-03	0	0	0	2006-31	1	201	2	0	0	2005-00
	HND	219	0	0	...	0	1998-16	0	0	0	2004-11	0	208	13	0	0	2001-00
	NIC	334	0	0	...	0	1994-14	0	0	0	2004-19	3	254	11	0	0	2005-00
	PAN	42	0	0	...	0	2011-20	0	0	0	2002-48	0	38	0	0	0	...
	SLV	296	0	0	...	0	2001-19	0	0	0	2006-30	0	296	0	0	0	2001-00
CAR	CAR	226	0	3	1	4	2019-7	0	0	0	2008-18	0	196	36	0	0	1999-00
LAC	CUB	1443	0	1	...	1 ^a	2019-24	0	0	0	2004-06	0	1443	0	0	0	1989-10
	DOM	83	0	0	...	0	2011-18	0	0	0	2007-45	4	61	0	0	0	...
	HTI	147	0	0	...	0	2001-39	0	0	0	2006-21	0	22	18	0	0	...
MEX	MEX	2570	0	2	...	2	2019-22	0	0	0	2018-14	0	2248	0	0	0	...
NOA	CAN	...	...	74	9	83	2019-30	...	...	...	2016-06	0	0	0	...	...	2018-39
	USA	...	...	42	1122	1164 ^b	2019-30	...	1	1	2019-03	0	0	0	...	...	2017-00
SOC	ARG	91	0	5	...	5 ^a	2019-14	0	3	3	2019-16	0	84	0	0	0	2009-27
	CHL	610	0	5	...	5	2019-25	0	1	1	2019-14	0	584	75	0	0	...
	PRY	937	0	0	...	0	1998-44	0	0	0	2005-21	87	659	2	0	0	2003-06
	URY	62	0	9	...	9	2019-22	...	...	...	2001-37	0	51	0	0	...	...
TOTAL		13976	45	1189	1155	2389	--	0	5	5	--	105	9918	392	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) PAHO/WHO. Epidemiological Update: Measles. 18 June 2019, Washington, D.C.: PAHO/WHO; 2019;

(b) Centers for Disease Control and Prevention (<https://www.cdc.gov/measles/cases-outbreaks.html>). Cases as of 25 July 2019. Case count is preliminary and subject to change. Data are updated every Monday.



Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-30, 2019

Subregion and Country		Measles				Rubella			
		I	IR	En.	U	I	IR	CAC	U
AND	BOL				11				
	COL	114							
BRA	PER	1	1						
	VEN ^a			332					
	BRA	39		48	560				
	CAP	4	6						
	GTM								
CAR	HND								
	NIC								
	PAN								
	SLV								
	CAR	4							
LAC	CUB ^a	1							
	DOM								
MEX	HTI								
	MEX	2			7				
NOA	CAN	39	37						
	USA	57	1090		17	1			
SOC	ARG	3	1		1	3			
	CHL ^a	3	2			1			
	PRY								
	URY	2	6		1				
TOTAL		269	1143	380	597	5	0	0	0

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-30, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases	
			1-25	26	27	28	29	30			
BOL	2	36	36	0	0	0	...	...	65
COL	184	100	96	3	1	0	0	...	6		
ECU	84	0	0	...	...	...	...	...	0
PER	1	9	3	0	3	2	1	...	3		
VEN	6	7	7	0	0	0	...	...	2
BRA	465	1863	453	255	438	589	128	0	42		
CAP	23	1	1	0	0	0	0	0	2		
GTM	12	41	30	7	4	0	0	0	17		
HND	0	11	11	0	0	0	0	0	5		
NIC	0	77	77	...	...	...	...	...	23
PAN	0	4	4	0	0	0	0	0	10		
SLV	0	0	0	0	0	0	0	...	0		
CAR	0	26	7	3	4	8	2	2	12		
LAC	0	0	0	0	0	...	...	...	0
DOM	0	18	18	0	0	0	0	0	22		
HTI	56	125	118	3	0	4	0	0	85		
MEX	0	320	194	35	32	23	20	16	12		
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	333	0	0	0	0	0	0	0	0		
CHL	2	20	10	0	5	3	1	1	3		
PRY	23	191	157	9	10	9	4	2	20		
URY	0	2	2	0	0	0	0	0	3		
TOTAL			1191	2851	1224	315	497	638	156	21	20

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

... No updated report received

(a) PAHO/WHO. Epidemiological Update: Measles. 18 June 2019, Washington, D.C.: PAHO/WHO; 2019

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-30, 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 (2018/31-2019/30)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	69	84	80	80	1.0	0.0
	COL	5180	...	92	96	92	97	9.1	7.3
	ECU	2184	...	100	100	100	100	1.6	0.0
	PER	7781	...	90	97	89	47	3.0	0.0
	VEN	13092	...	100	68	12	17	1.7	0.3
CAP	BRA	8607	61	49	85	70	48	2.1	0.1
	CRI	57	...	72	89	86	79	1.5	3.7
	GTM	1541	...	83	96	63	87	1.8	0.0
	HND	470	91	79	99	83	98	3.2	2.0
	NIC	185	...	95	97	94	79	7.4	4.9
CAR	PAN	324	...	98	93	74	95	1.6	0.0
	SLV	...	...	73	98	97	93	7.4	0.0
	CAR	763	93	83	96	7	85	4.3	10.2
	LAC	168	...	100	100	100	100	26.6	0.0
	DOM	247	...	30	95	84	73	1.0	0.0
MEX	HTI	652	86	88	94	68	65	1.8	1.1
	MEX	20272	...	96	99	91	92	2.9	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	ARG	784	...	22	97	80	66	1.1	0.0
SOC	CHL	767	...	26	98	95	99	5.2	9.1
	PRY	1253	99	74	87	82	73	19.6	0.1
	URY	155	...	97	56	56	48	2.0	0.0
Total and Average*		67139	12	74	93	82	76	3.5	0.9

*Weighted

... No updated report received