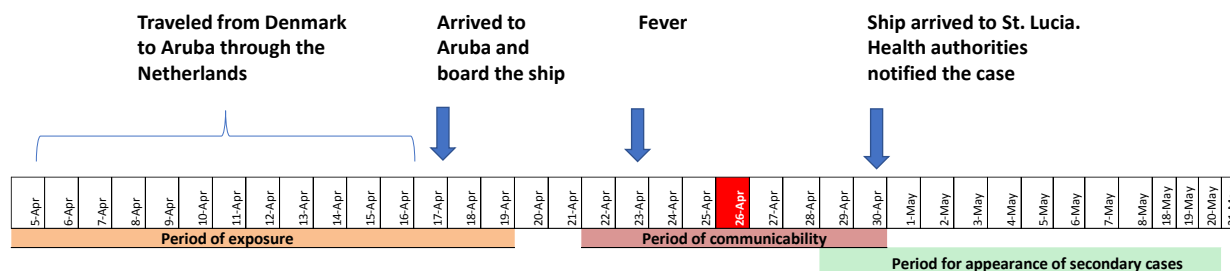




### Measles case on board of a cruise ship



St. Lucia notified an imported-measles case among a female crew member of the *Freewinds* cruise ship. The 40 year-old case, originally from Germany, arrived to Aruba on April 17 from Denmark through The Netherlands and boarded the ship on the same day. The case was isolated in her cabin since onset of symptoms (22 April). St. Lucian authorities refused to grant “free pratique”<sup>1</sup> to the ship, which is permission to embark and disembark into the country, until a thorough investigation and risk assessment were carried out, to prevent virus spread. By not granting the “free pratique”, St. Lucia complied with the International Health Regulation provisions.

The cruise ship carried 215 crew members from 40 countries and 76 passengers from 15 countries; nationalities of these persons are from the Americas and other regions. Outbreak control measures are ongoing and genotype results are pending.

<sup>1</sup>[https://www.who.int/ihr/IHR\\_2005\\_en.pdf](https://www.who.int/ihr/IHR_2005_en.pdf)

**Table.1**  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 17, 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	1103	0	94	...	94	0	0	2012-31	1	900	99	0	0	2005-34		
	ECU	...	...	...	...	...	...	...	2018-33	...	...	...	...	...	2011-14		
	PER	140	0	2	...	2	0	0	2019-17	0	134	0	0	0	2007-16		
	VEN	2	32	85	23	140 <sup>a</sup>	0	0	2019-13	0	2	0	0	0	...		
BRA	BRA	950	...	72	...	72	...	...	2014-40	...	483	8	0	0	2009-34		
CAP	CRI	34	0	9	...	9 <sup>a</sup>	0	0	2019-13	0	24	37	0	0	...		
	GTM	122	0	0	...	0	0	0	2018-03	0	117	2	0	0	2005-00		
	HND	87	0	0	...	0	0	0	1998-16	0	74	3	0	0	2001-00		
	NIC	233	0	0	...	0	0	0	1994-14	0	150	11	0	0	2005-00		
	PAN	10	0	0	...	0	0	0	2011-20	0	8	0	0	0	...		
	SLV	91	0	0	...	0	0	0	2001-19	0	69	0	0	0	2001-00		
CAR	CAR	93	0	1	1	2	0	0	2019-08	0	78	4	0	0	1999-00		
LAC	CUB	713	0	0	...	0	0	0	1993-27	0	6	0	0	0	1989-10		
	DOM	41	0	0	...	0	0	0	2011-18	0	21	0	0	0	...		
	HTI	73	0	0	...	0	0	0	2001-39	0	17	10	0	0	...		
MEX	MEX	1123	0	1	...	1	0	0	2019-07	0	845	0	0	0	...		
NOA	CAN	...	...	42	4	46	...	...	2019-17	...	...	...	...	...	2018-39		
	USA	...	...	42	662	704 <sup>b</sup>	...	...	2019-17	...	...	...	...	...	2017-00		
SOC	ARG	16	0	4	...	4	0	0	2019-14	0	12	0	0	0	2009-27		
	CHL	436	0	3	...	3	0	0	2019-06	0	390	45	0	0	...		
	PRY	570	0	0	...	0	0	0	1998-44	0	332	2	0	0	2003-06		
	URY	...	...	3	...	3 <sup>a</sup>	...	...	2019-13	...	...	...	...	...	...		
<b>TOTAL</b>		<b>5851</b>	<b>32</b>	<b>358</b>	<b>690</b>	<b>1080</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>19</b>	<b>3664</b>	<b>221</b>	<b>0</b>	<b>0</b>	<b>--</b>

\*Congenital Rubella Infection.

...No updated report receive

(a) PAHO/ WHO. Epidemiological Update: Measles. 17 April 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 26 April 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 01-17, 2019

Subregion and Country		Measles				Rubella			
		I	IR	En.	U	I	IR	CAC	U
AND	BOL	83			11				
	COL								
	ECU								
	PER <sup>a</sup>	1	1						
	VEN <sup>a</sup>			140					
BRA	BRA	25		47					
	CAP	3	6						
	CRI								
	GTM								
	HND								
CAR	NIC								
	PAN								
	SLV								
	LAC	2							
	CUB								
MEX	DOM								
	HTI								
	NOA	1			7				
	CAN	25	14		17				
	USA	57	630						
SOC	ARG	3	1						
	CHL		1		2				
	PRY								
	URY <sup>a</sup>	1	2						
	<b>TOTAL</b>	<b>201</b>	<b>655</b>	<b>187</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-17, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases
			1-12	13	14	15	16	17		
BOL	2	12	12	0	0	0	0	0	0	86
COL	184	108	86	3	9	3	7	0	0	10
ECU	84	...	...	...	...	...	...	...	...	...
PER	0	4	1	1	1	0	1	0	0	3
VEN	34	0	0	...	...	...	...	...	...	0
BRA	...	301	196	37	26	28	14	0	0	32
CRI	23	1	1	0	0	0	0	0	0	3
GTM	12	4	3	0	1	0	0	0	0	3
HND	0	13	13	0	0	0	0	...	...	15
NIC	0	80	8	6	29	19	17	1	1	34
PAN	0	2	2	...	...	...	...	...	...	20
SLV	0	0	0	0	0	0	0	...	...	0
CAR	1	13	2	2	3	2	0	4	4	14
LAC	0	641	641	0	...	...	...	...	...	90
DOM	18	17	15	2	0	0	0	0	0	41
HTI	56	56	31	10	6	8	1	0	0	77
MEX	0	277	130	20	26	40	34	27	27	25
CAN	1	...	...	...	...	...	...	...	...	...
USA	0	...	...	...	...	...	...	...	...	...
ARG	360	0	0	0	0	0	0	...	...	0
CHL	3	43	26	1	6	4	3	3	3	10
PRY	25	227	86	14	32	30	31	34	34	40
URY	1	...	...	...	...	...	...	...	...	...
<b>TOTAL</b>	<b>804</b>	<b>1799</b>	<b>1253</b>	<b>96</b>	<b>139</b>	<b>134</b>	<b>108</b>	<b>69</b>	<b>69</b>	<b>31</b>

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-17, 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 (2018/18-2019/17)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657	...	14	43	83	83	1.1	0.0	
	COL	5900	85	90	95	93	97	11.8	6.4	
	ECU	2184	...	...	...	...	...	1.2	0.0	
	PER	7781	...	89	97	89	37	3.0	0.0	
	VEN	13092	...	100	100	50	50	5.3	0.0	
CAP	BRA	6909	74	49	85	70	48	4.7	0.1	
	CRI	57	...	74	85	86	79	1.5	5.5	
	GTM	1541	96	73	98	66	91	1.9	0.2	
	HND	470	90	83	99	83	99	2.0	1.4	
	NIC	185	100	96	98	95	78	6.2	4.9	
CAR	PAN	324	...	90	100	60	100	1.2	0.0	
	SLV	...	...	74	98	99	99	6.6	0.0	
	LAC	CAR	763	75	78	98	9	81	4.0	10.4
	CUB	168	...	100	100	100	100	26.6	0.0	
	DOM	247	...	15	95	90	65	1.0	0.0	
MEX	HTI	652	...	90	100	49	60	1.6	0.8	
	NOA	MEX	20559	96	95	99	86	2.7	0.0	
	CAN	...	...	...	...	...	...	...	...	
	USA	...	...	...	...	...	...	...	...	
	SOC	ARG	784	...	6	100	94	94	1.5	0.3
SOC	CHL	768	72	33	97	95	100	5.1	7.4	
	PRY	1253	95	64	79	76	60	16.3	0.1	
	URY	155	...	...	...	...	...	0.2	0.0	
	<b>Total and Average*</b>	<b>66449</b>	<b>51</b>	<b>82</b>	<b>95</b>	<b>87</b>	<b>87</b>	<b>4.7</b>	<b>1.0</b>	

\*Weighted

... No updated report received