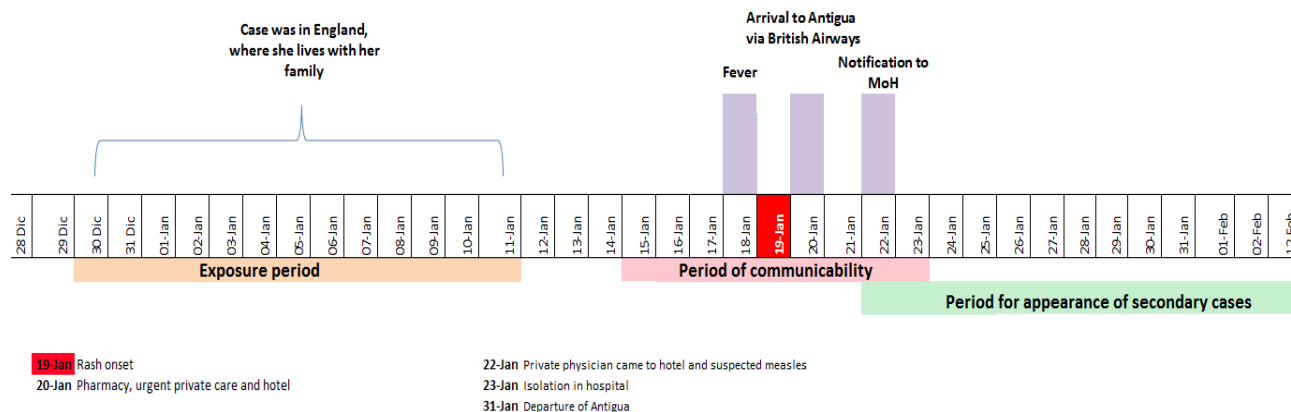


Measles/Rubella Weekly Bulletin



Timeline of an imported measles case in Antigua & Barbuda, January 2018



Antigua and Barbuda reported an **imported measles case** in a female English tourist, aged 19 years old, with no history of vaccination. Rash onset was on 19 January. The case was laboratory confirmed by the Caribbean Public Health Agency (CARPHA). The case arrived in Antigua on 20 January, accompanied by family members and a friend. Her sister, who remained in England, was confirmed with measles. The case was notified and investigated in a timely manner. Outbreak control measures and contact follow-ups are still ongoing in Antigua as well as in other islands, as some travelers on the same flight continued to these destinations.

Source: Ministry of Health and Environment of Antigua and Barbuda

Table 1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-04, 2018

Subregion and Country	Susp. Cases 2018	Measles Confirmed 2018			Year/Week Last Conf. Measles case	Rubella Confirmed 2018			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2018		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRIS*		
AND	BOL	0	0	0	0	2000-40	0	0	0	2006-03	0	0	0	0	0	...
	COL	1	0	0	0	2015-35	0	0	0	2012-31	0	1	10	0	0	2005/34
	ECU	0	0	0	0	2016-14	0	0	0	2004-49	0	0	0	0	0	2011/14
	PER	5	0	0	0	2015-25	0	0	0	2009-04	0	3	0	0	0	2007/16
	VEN	2	0	2	2	2018-01	0	0	0	2007-51	0	0	0	0	0	...
BRA	BRA	46	0	0	0	2015-32	0	0	0	2014-40	0	24	3	0	0	2009/34
CAP	CRI	0	0	0	0	2014-09	0	0	0	2001-39	0	0	1	0	0	...
	GTM	5	0	1	1	2018-03	0	0	0	2006-31	0	4	2	0	0	2005/00
	HND	10	0	0	0	1998-16	0	0	0	2004-11	0	8	2	0	0	2001/00
	NIC	11	0	0	0	...	0	0	0	2004-19	0	5	5	0	0	2005/00
	PAN	0	0	0	0	2011-20	0	0	0	2002-48	0	0	3	0	0	...
	SLV	14	0	0	0	2001-19	0	0	0	2006-30	0	3	0	0	0	2001/00
CAR	CAR	10	0	1	1	2018-03	0	0	0	2008-18	0	7	61	0	0	1999/00
LAC	CUB	0	0	0	0	1993-27	0	0	0	2004-06	0	0	0	0	0	1989/10
	DOM	0	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
	HTI	0	0	0	0	2001-39	0	0	0	2006-21	0	0	0	0	0	...
MEX	MEX	115	0	0	0	2015-02	0	0	0	2007-19	0	73	0	0	0	...
NOA	CAN	...	0	2	2	2018-03	0	0	0	2016-06	...	...	...	...	...	2015/50
	USA	...	0	9	9	2018-03	0	0	0	2017-16	...	...	...	...	...	2017/00
SOC	ARG	1	0	0	0	2017-17	0	0	0	2014-22	0	0	1	0	0	2009/27
	CHL	10	0	0	0	2015-27	0	0	0	2011-25	0	3	0	0	0	...
	PRY	34	0	0	0	1998-44	0	0	0	2005-21	0	34	0	0	0	2003/06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
TOTAL		264	0	15	15	--	0	0	0	--	0	165	88	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 01-04, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN		2						
BRA	BRA								
	CRI								
	GTM	1							
	HND								
	NIC								
CAP	PAN								
	SLV								
	CAR	1							
	LAC								
	CUB								
MEX	DOM								
	HTI								
	MEX				2				
NOA	CAN								
	USA	4	5						
SOC	ARG								
	CHL								
	URY								
TOTAL		6	7	0	2	0	0	0	0

I: Imported; IR: Import-related; CAC: Country-acquired case
U: Unknown.

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-04, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset					% Pend. Cases
			1	2	3	4		
BOL	5	0	...	...	...	...	...
COL	16	0	...	...	...	...	...
ECU	4	0	...	...	...	...	...
PER	5	2	1	0	0	1	40	
VEN	7	0	0	0	...	...	0
BRA	163	22	4	6	6	6	48	
CRI	5	0	0	0	0	...	0	
GTM	31	0	0	0	0	0	0	
HND	6	2	1	0	1	0	20	
NIC	0	6	1	1	1	3	55	
PAN	0	0	0	0	...	...	0
SLV	5	11	1	3	4	3	79	
CAR	1	2	0	0	2	0	20	
LAC								
CUB	0	0	0	...	...	...	0
DOM	242	0	0	0	0	0	0	
HTI	25	0	0	0	0	0	0	
MEX	554	42	1	9	7	25	37	
CAN	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...
ARG	83	1	1	0	0	...	100	
CHL	10	7	0	1	3	3	70	
PRY	0	0	0	0	0	...	0	
URY	0	...	...	...	...	...	...
TOTAL	1162	95	10	20	24	41	36	

... No report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-04, 2018

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 (2017/05-2018/04)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	3514	0	0	0	0	0	0.4	0.0	
	COL	5252	0	100	100	100	100	2.3	0.1	
	ECU	2184	0	0	0	0	0	1.1	0.0	
	PER	7771	0	60	100	80	40	0.9	0.0	
	VEN	13092	0	100	100	100	100	1.7	0.6	
CAP	BRA	16607	77	0	72	72	61	0.8	0.2	
	CRI	57	0	0	0	0	0	1.7	26.1	
	GTM	1541	0	0	100	20	60	1.0	0.1	
	HND	470	88	20	100	80	100	2.0	2.3	
	NIC	185	100	100	100	100	91	3.7	3.2	
CAR	PAN	324	0	0	0	0	0	1.1	0.5	
	SLV	2530	91	71	100	93	57	4.4	0.0	
	CAR	769	94	100	100	30	30	2.1	6.9	
	LAC	CUB	168	0	0	0	0	0	12.5	0.0
	DOM	247	0	0	0	0	0	3.1	0.0	
MEX	HTI	368	0	0	0	0	0	1.3	0.8	
	MEX	20146	0	97	100	74	66	2.6	0.0	
	NOA	CAN	...	...	...	...	...	...	...
NOA	USA	...	...	...	...	...	...	...	...
	SOC	ARG	784	0	0	0	0	0.7	1.6	
SOC	CHL	783	78	30	10	100	100	0.9	5.1	
	PRY	1160	90	79	100	97	100	7.7	0.3	
	URY	155	0	0	0	0	0	...	0.0	
Total and Average*		78107	23	85	92	78	71	1.8	0.5	

*Weighted

... No report received