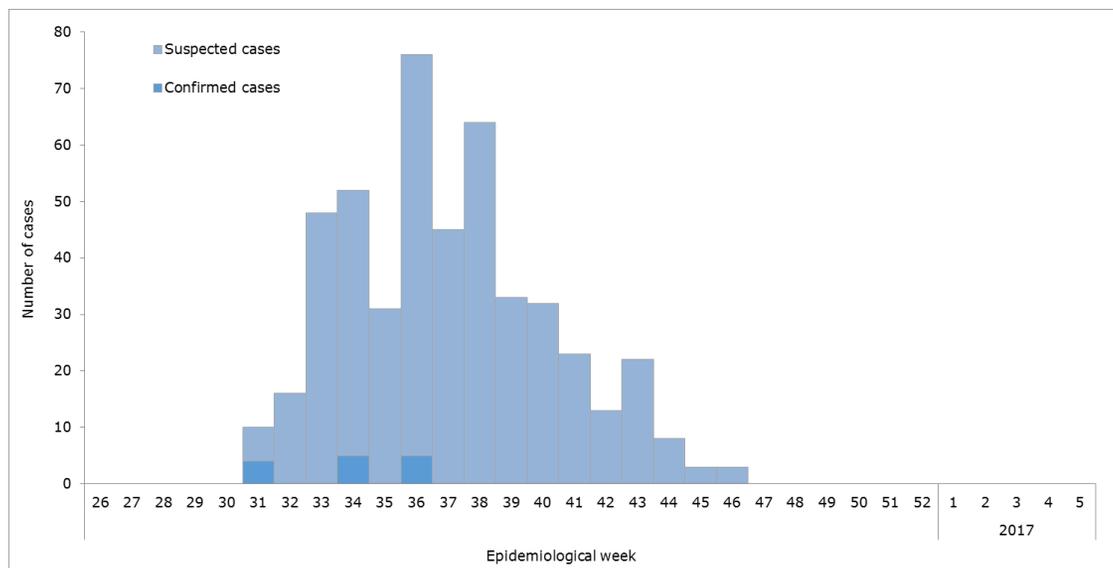


# Zika-Epidemiological Report

## Antigua and Barbuda

2 March 2017

**Figure 1.** Suspected and confirmed Zika cases by epidemiological week (EW). Antigua and Barbuda. EW 26 of 2016 to EW 5 of 2017.



Source: Data provided by the Antigua and Barbuda IHR NFP <sup>1</sup>

### FIRST AUTOCHTHONOUS VECTOR-BORNE CASE

In epidemiological week (EW) 30 of 2016, the Antigua and Barbuda International Health Regulations (IHR) National Focal Point (NFP) informed PAHO/WHO of the detection of the first confirmed case of local transmission of Zika virus disease.

### TREND

Since the emergence of Zika in Antigua and Barbuda, a majority of the cases have been reported from EW 31 to EW 41 of 2016, with a peak in cases observed in EW 36. There has been a decreasing trend in cases since EW 38 (**Figure 1**).<sup>1</sup> No further information has been received since EW 47 of 2016.

### CIRCULATION OF OTHER ARBOVIRUSES

As of EW 36 of 2016, a total of 37 probable cases (40 cases per 100,000 population) and three confirmed cases of dengue were reported in Antigua and Barbuda.<sup>2</sup>

<sup>1</sup> Reported to PAHO/WHO from the Antigua and Barbuda International Health Regulation (IHR) National Focal Point (NFP) on 25 November 2016.

<sup>2</sup> PAHO/WHO Dengue. Number of Reported Cases of Dengue and Severe Dengue (SD) in the Americas, by Country – 14 October 2016 (EW 39). Available at: [http://www.paho.org/hq/index.php?option=com\\_topics&view=readall&cid=3273&Itemid=40734&lang=en](http://www.paho.org/hq/index.php?option=com_topics&view=readall&cid=3273&Itemid=40734&lang=en)

## **ZIKA VIRUS DISEASE IN PREGNANT WOMEN**

The first laboratory-confirmed case of Zika virus was in a pregnant woman at 31 weeks of gestation.

## **ZIKA COMPLICATIONS**

### **ZIKA-VIRUS-ASSOCIATED GUILLAIN-BARRÉ SYNDROME (GBS)**

As of EW 7 of 2017, no cases of Zika-virus-associated Guillain-Barré syndrome (GBS) or other neurological syndromes have been reported by Antigua and Barbuda health authorities.

### **CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION**

As of EW 7 of 2017, no cases of congenital syndrome associated with Zika virus infection have been reported by Antigua and Barbuda health authorities.

### **DEATHS AMONG ZIKA CASES**

As of EW 7 of 2017, no deaths among Zika cases have been reported by Antigua and Barbuda health authorities.

## **NATIONAL ZIKA SURVEILLANCE GUIDELINES**

No information on guidelines for Zika surveillance is available.

## **LABORATORY CAPACITY**

Samples from suspected Zika cases are sent to the Caribbean Public Health Agency (CARPHA) for laboratory molecular conformation (real time RT-PCR).

## **INFORMATION-SHARING**

Information on the first confirmed case was shared by the Antigua and Barbuda IHR NFP with PAHO/WHO in EW 30 of 2016. At the time of this report, the latest information was shared by the Antigua and Barbuda IHR NFP on EW 47 of 2016.