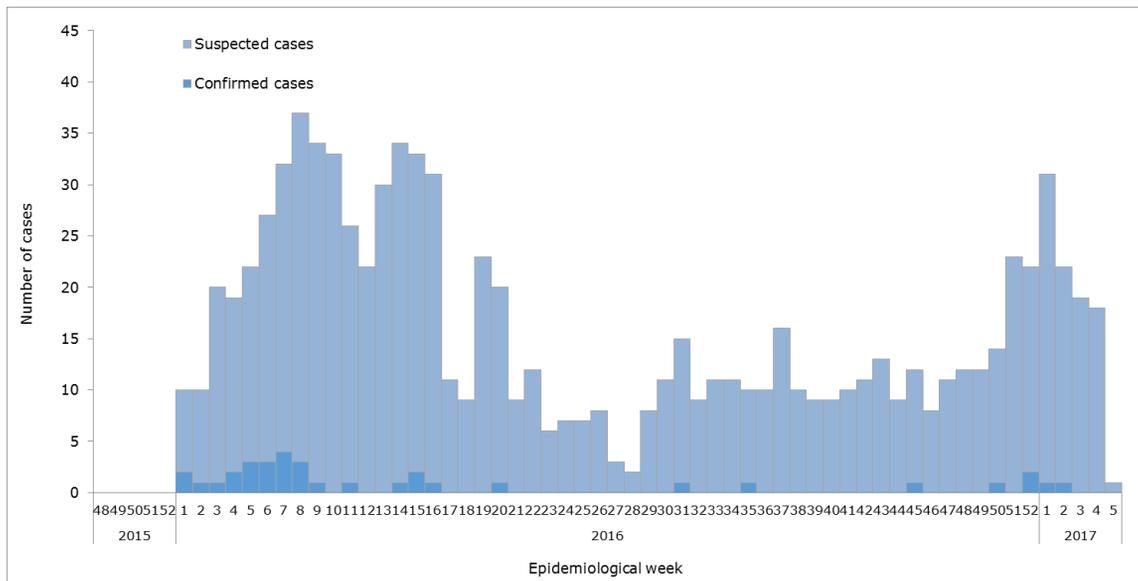


# Zika-Epidemiological Report

## Aruba

2 March 2017

**Figure 1.** Suspected and confirmed Zika cases. Aruba. EW 48 of 2015 to EW 5 of 2017.



Source: Data shared by the Netherlands IHR NFP

### FIRST AUTOCHTHONOUS VECTOR-BORNE CASES

In epidemiological week (EW) 7 of 2016, the Netherlands International Health Regulations (IHR) National Focal Point (NFP) reported to PAHO/WHO the first autochthonous cases of Zika virus in Aruba.

### GEOGRAPHIC DISTRIBUTION

No information is available on the geographic distribution of cases.

### TREND

A peak in cases was reached in EW 8 of 2016 followed by a steady decline in cases between EW 20 and 28 of 2016 (**Figure 1**).<sup>1</sup> Since then, cases started to increase again and reached a peak in EW 1 of 2017, when 31 cases were reported. A weekly average of 20 cases has been reported in the last eight weeks.

<sup>1</sup> Reported to PAHO/WHO by the Netherlands IHR National Focal Point on 13 February 2017.

## CIRCULATION OF OTHER ARBOVIRUSES

In 2017, as of EW 4, ten probable cases of dengue (incidence rate of 9 cases per 100,000) have been reported. In 2016, 1,319 probable cases of dengue (incidence rate of 1,178 cases per 100,000 population), including 103 laboratory-confirmed cases, have been identified up to EW 52.<sup>2</sup> In 2015, 335 probable cases (299 per 100,000), including 206 laboratory-confirmed cases, were detected up to EW 52.

In regard to chikungunya, in 2016, a total of 698 suspected and 6 confirmed cases of chikungunya, (cumulative incidence rate of 618 cases per 100,000) were reported up to EW 28.<sup>3</sup> In 2015, 281 suspected and 686 laboratory-confirmed cases of chikungunya (863 per 100,000) were reported up to EW 29.

## ZIKA VIRUS DISEASE IN PREGNANT WOMEN

During EW 8 of 2016, the Aruba Directorate of Public Health published guidelines for preventive measures against Zika virus for pregnant women. More information is available at:

[http://www.overheid.aw/actueel/nieuws\\_235/item/zwangere-vrouwen-moeten-voorzorgsmaatregelen-treffen-tegen-zika-virus\\_27220.html](http://www.overheid.aw/actueel/nieuws_235/item/zwangere-vrouwen-moeten-voorzorgsmaatregelen-treffen-tegen-zika-virus_27220.html)

As of EW 5 of 2017, no cases of Zika virus in pregnant women have been reported by Aruba health authorities.<sup>1</sup>

## ZIKA COMPLICATIONS

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

As of EW 5 of 2017, no cases of Zika-virus-associated Guillain-Barré syndrome (GBS) or other neurological syndromes have been reported by Aruba health authorities.<sup>1</sup>

### CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION

As of EW 5 of 2017, no cases of congenital syndrome associated with Zika virus infection have been reported by Aruba health authorities.<sup>1</sup>

### DEATHS AMONG ZIKA CASES

As of EW 5 of 2017, no deaths among cases of Zika virus infection have been reported by Aruba health authorities.<sup>1</sup>

## NATIONAL ZIKA SURVEILLANCE GUIDELINES

No information is available on the national guidelines for Zika virus surveillance.

## INFORMATION-SHARING

The Netherlands IHR NFP provided PAHO/WHO with preliminary data on Zika virus in Aruba on EW 7 of 2016. At the time of this report, the latest information was provided by the Aruba Department of Public Health from EW 5 of 2017.

<sup>2</sup> PAHO/WHO. Data, Maps and Statistics. Number of reported cases of Dengue and Severe Dengue (SD) in the Americas. Available at: [http://www.paho.org/hq/index.php?option=com\\_topics&view=rdmore&cid=6290&Itemid=40734](http://www.paho.org/hq/index.php?option=com_topics&view=rdmore&cid=6290&Itemid=40734)

<sup>3</sup> PAHO/WHO. Chikungunya: Statistic Data. Number of reported cases of Chikungunya Fever in the Americas. Available at: [http://www.paho.org/hq/index.php?option=com\\_topics&view=readall&cid=5927&Itemid=40931&lang=en](http://www.paho.org/hq/index.php?option=com_topics&view=readall&cid=5927&Itemid=40931&lang=en)