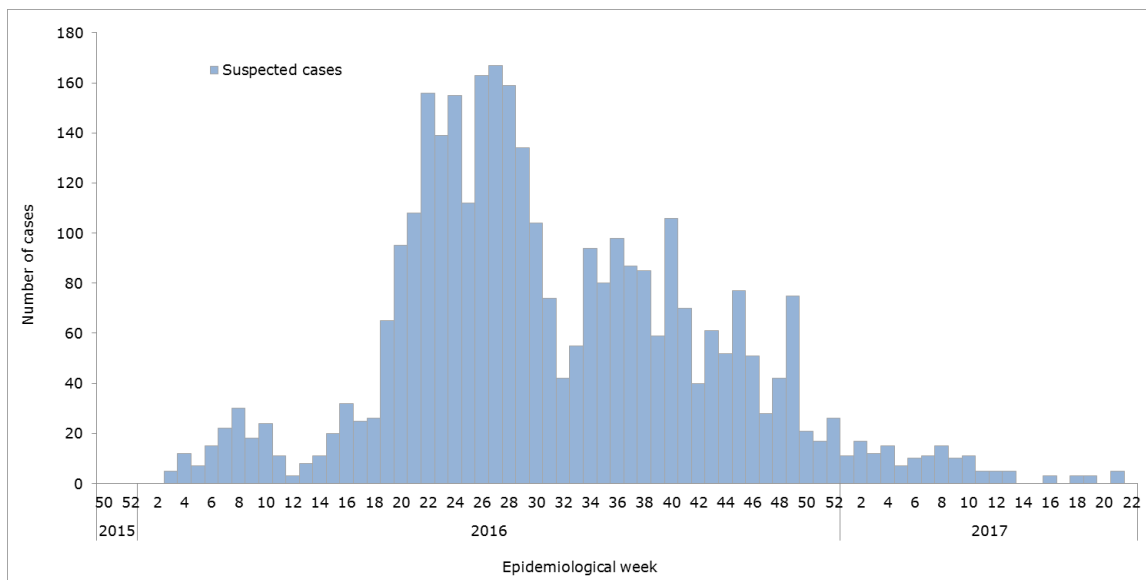


# Zika-Epidemiological Report

## Saint Martin

28 June 2017

**Figure 1.** Suspected Zika cases by epidemiological week (EW). Saint Martin. EW 50 of 2015 to EW 22 of 2017.



Source: Data reported by the Cire Antilles Guyane and reproduced by PAHO/WHO<sup>1</sup>

### FIRST AUTOCHTHONOUS VECTOR-BORNE CASES

In epidemiological week (EW) 3 of 2016, the France International Health Regulations (IHR) National Focal Point (NFP) notified PAHO/WHO of the detection of the first autochthonous vector-borne cases of Zika virus in Saint Martin.

### GEOGRAPHIC DISTRIBUTION

No information is available on the geographic distribution of cases.

### TREND

Since EW 52 of 2016, weekly numbers of suspected cases have reduced and remained low (**Figure 1**).<sup>1</sup> In the last 8 weeks (EW 15 to EW 22 of 2017), an average of 9 suspected Zika cases per week has been reported, with no cases being laboratory-confirmed during this period.

<sup>1</sup> Weekly numbers of dengue, chikungunya, and Zika cases are estimates. According to Santé Publique France, the estimated number of suspected cases is the sum of the number of visits recorded by the Decentralized Centers of Prevention and Care (CDPS) and the estimated number of people who consulted a general practitioner for this purpose. The estimate is based on data collected by the sentinel physician network. Cire Antilles Guyane. Arboviruses – Situation of dengue, chikungunya, and Zika in the Antilles. EW 22 of 2017. Available at: [http://invs.santepubliquefrance.fr/fr/content/download/137475/494379/version/145/file/pe\\_arbo\\_antilles\\_080617.pdf](http://invs.santepubliquefrance.fr/fr/content/download/137475/494379/version/145/file/pe_arbo_antilles_080617.pdf)

## CIRCULATION OF OTHER ARBOVIRUSES

Between June 2016 and June 2017, the number of suspected dengue cases has remained below the epidemic threshold level, with an average of four cases per week.<sup>1</sup> In the last 8 weeks (EW 15 to EW 22 of 2017), approximately 30 suspected cases have been reported.

Between June 2016 and June 2017, a total of 30 suspected chikungunya cases have been reported.<sup>1</sup> In the last 8 weeks (EW 15 to EW 22 of 2017), an average of 6 cases per week has been reported.

## ZIKA VIRUS DISEASE IN PREGNANT WOMEN

As of EW 22 of 2017, a total of 47 pregnant women with suspected or confirmed Zika virus infection have been reported by Saint Martin health authorities.<sup>1</sup> Some of these women have completed their pregnancy.<sup>2</sup>

## ZIKA COMPLICATIONS

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

As of EW 5 of 2017, two cases of neurological syndrome, including a suspected GBS case, were detected among laboratory-confirmed cases of Zika virus by Saint Martin health authorities.<sup>2</sup>

### CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION

As of EW 22 of 2017, a case of cerebral malformation in a fetus of a woman confirmed for Zika virus infection was reported by Saint Martin health authorities.<sup>1</sup>

### DEATHS AMONG ZIKA CASES

As of EW 22 of 2017, no deaths among Zika cases have been reported by Saint Martin health authorities.<sup>1</sup>

## NATIONAL ZIKA SURVEILLANCE GUIDELINES

The Cire Antilles Guyane has implemented a "surveillance program, alert and management of epidemics" with an integrated preparedness and response plan for vector-borne diseases. More information is available at:

<http://www.invs.sante.fr/Dossiers-thematiques/Maladies-infectieuses/Maladies-a-transmission-vectorielle/Zika/Le-systeme-de-surveillance>

## INFORMATION-SHARING

The Cire Antilles Guyane publishes a periodic epidemiological bulletin on Zika virus. At the time of this report, the latest Regional Health Agency epidemiological bulletin available was from EW 22 of 2017.

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<sup>2</sup> Cire Antilles Guyane. Zika virus surveillance in the Antilles Guyane - epidemiological situation. EW 5 of 2017. Available at: <http://invs.santepubliquefrance.fr/fr/Publications-et-outils/Points-epidemiologiques/Tous-les-numeros/Antilles/2017/Situation-epidemiologique-du-virus-Zika-aux-Antilles-et-en-Guyane.-Point-au-30-janvier-2017>