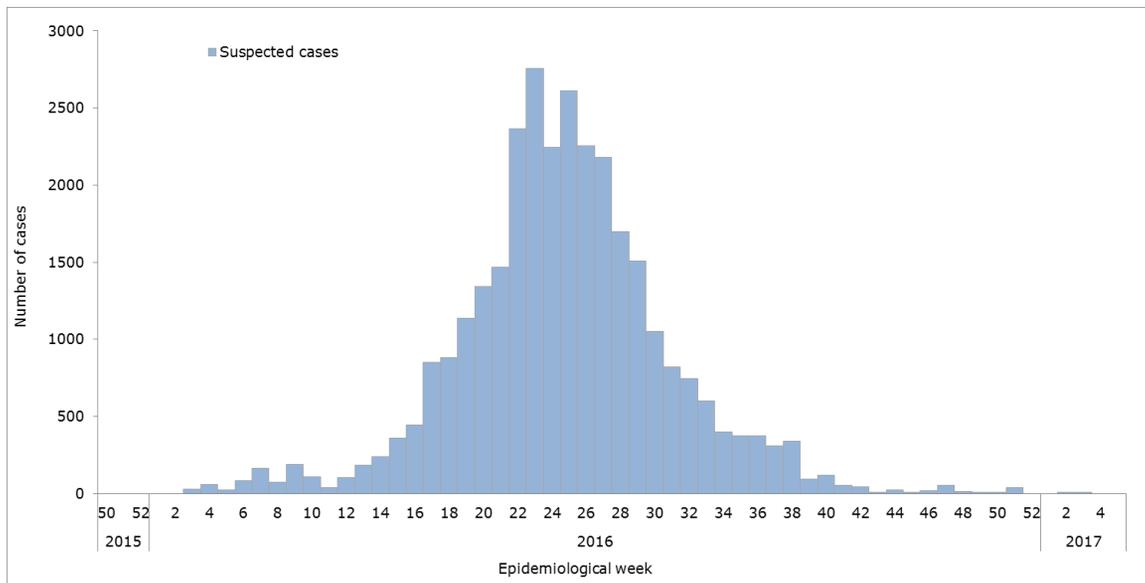


Zika-Epidemiological Report Guadeloupe

2 March 2017

Figure 1. Suspected Zika cases by epidemiological week (EW). Guadeloupe. EW 50 of 2015 to EW 5 of 2017.



Source: Data published by the Cire Antilles Guyane and reproduced by PAHO/WHO

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 case of Zika in Guadeloupe.

Guadeloupe health authorities declared that the Zika outbreak in Guadeloupe ended in EW 38 of 2016.¹

GEOGRAPHIC DISTRIBUTION

Between EW 44 of 2016 and EW 3 of 2017, six laboratory-confirmed cases were reported in at least two of the 32 communes of Guadeloupe, namely Abymes and Baie Mahault.^{1,2}

¹ Cire Antilles Guyane. Zika virus surveillance in the Antilles Guyane - epidemiological situation. EW 50 of 2016. Available at: <http://invs.santepubliquefrance.fr/fr/Publications-et-outils/Points-epidemiologiques/Tous-les-numeros/Antilles/2016/Situation-epidemiologique-du-virus-Zika-aux-Antilles.-Point-au-22-decembre-2016>

² Weekly numbers of Zika cases are estimated based on epidemiological surveillance for clinically suggestive cases reported by sentinel physicians: Cire Antilles Guyane. Zika virus surveillance in the Antilles Guyane - epidemiological situation. EW 3 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>

TREND

Between EW 39 of 2016 and EW 3 of 2017, there has been a notable decrease in Zika incidence (**Figure 1**).²

CIRCULATION OF OTHER ARBOVIRUSES

Between EW 50 of 2016 and EW 6 of 2017, 15 suspected dengue cases were reported.³ Throughout this period, the number of suspected dengue cases remained below the epidemic threshold level.

Between EW 50 of 2016 and EW 6 of 2017, a total of 2 probable and 7 suspected chikungunya cases were reported.³ All of the suspected cases were detected on EW 3 of 2017.

ZIKA VIRUS DISEASE IN PREGNANT WOMEN

As of EW 3 of 2017, 639 pregnant women with laboratory-confirmed Zika virus infection were reported by Guadeloupe health authorities.² Some of these women had already completed their pregnancy.

ZIKA COMPLICATIONS

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

As of EW 3 of 2017, 40 patients with Guillain-Barré syndrome (GBS) were laboratory-confirmed for Zika virus by Guadeloupe health authorities. Sixteen other patients with severe neurological syndromes were also reported.²

CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION

As of EW 3 of 2017, the Guadeloupe Health health authorities reported 13 cases of congenital syndrome associated with Zika virus infection.²

DEATHS AMONG ZIKA CASES

As of EW 50 of 2016, the death of a GBS patient with laboratory-confirmed Zika virus infection was reported by Guadeloupe health authorities.¹ Another deceased case was reported with laboratory-confirmed Zika virus disease. As of EW 5 of 2017, the Guadeloupe health authorities reported a total of 3 deaths that may be attributable to Zika.²

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>

³ Weekly numbers of dengue and chikungunya cases are estimated based on epidemiological surveillance for clinically suggestive cases reported by sentinel physicians. Cire Antilles Guyane. Arboviruses – dengue and chikungunya situation in the Antilles. EW 6 of 2017. Available at:
http://invs.santepubliquefrance.fr/fr/content/download/134527/483091/version/143/file/pe_arbo_antilles_170217.pdf

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 was from EW 3 of 2017.