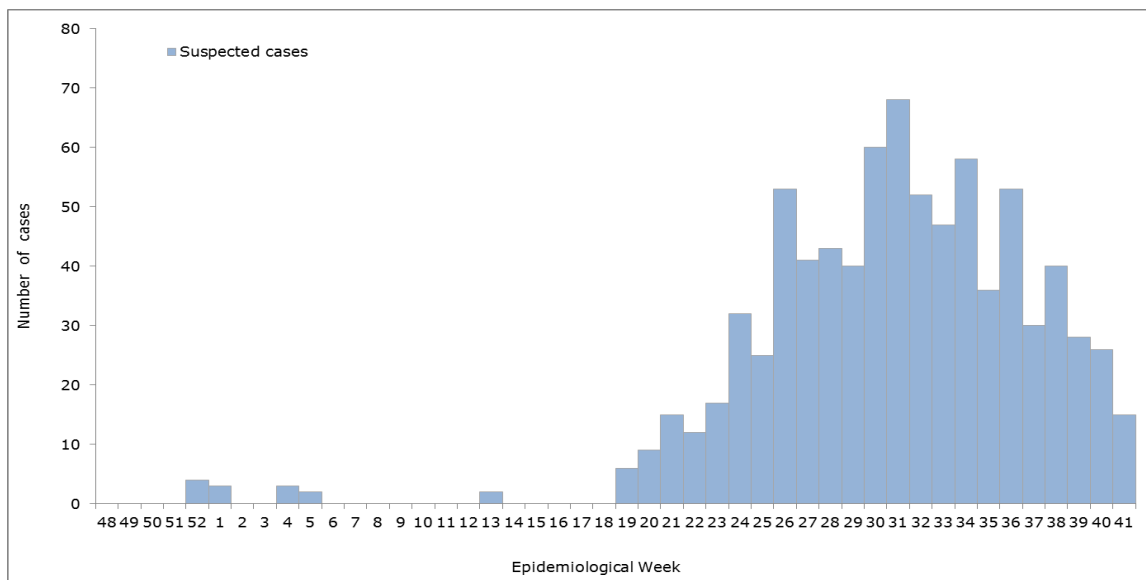


Zika-Epidemiological Report Saint Barthélemy

2 November 2016

Figure 1. Suspected Zika cases by epidemiological week (EW). Saint Barthélemy, EW 48 of 2015 to EW 41 of 2016.



Source: Data provided by the Cire Antilles Guyane to PAHO/WHO

FIRST AUTOCHTHONOUS VECTOR-BORNE CASES

In epidemiological week (EW) 17 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 Saint Barthélemy.

GEOGRAPHIC DISTRIBUTION

As of EW 41 of 2016, the circulation of Zika virus remains active in Saint Barthélemy.¹

TREND

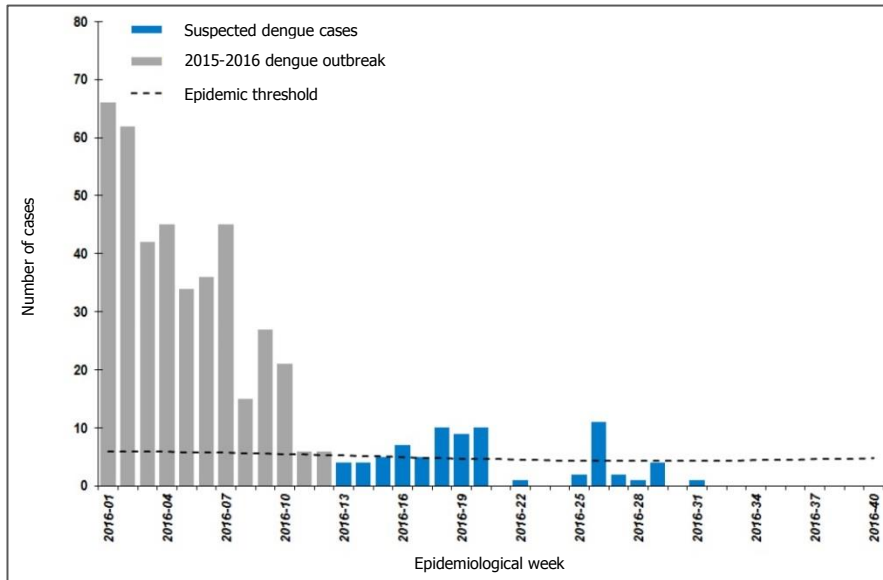
The decreasing trend in suspected cases observed in previous weeks persists, with 15 cases being reported in EW 41 of 2016 (**Figure 1**).

¹ 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 41 of 2016. Available at: <http://invs.santepubliquefrance.fr/Publications-et-outils/Points-epidemiologiques/Tous-les-numeros/Antilles-Guyane/2016/Situation-epidemiologique-du-virus-Zika-aux-Antilles-Guyane.-Point-au-20-octobre-2016>

CIRCULATION OF OTHER ARBOVIRUSES

The 2015-2016 dengue outbreak in Saint Barthélemy was declared to be over on EW 12 of 2016. Since then up to EW 40 of 2016, a total of 80 suspected dengue cases, including six confirmed cases, have been reported.² The number of suspected cases has remained below the epidemic threshold level since EW 27 (**Figure 2**).

Figure 2. Suspected dengue cases by EW. Saint Barthélemy. EW 1 to EW 40 of 2016.



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

Between EW 1 and EW 40 of 2016, two suspected cases of chikungunya have been reported.³ By contrast, during the same period in 2015, 250 suspected cases were reported.

ZIKA VIRUS DISEASE IN PREGNANT WOMEN

As of EW 41 of 2016, seven pregnant women with Zika virus infection have been reported by Saint Barthélemy health authorities.¹

ZIKA COMPLICATIONS

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

As of EW 41 of 2016, no cases of Zika-virus-associated Guillain-Barré syndrome (GBS) or other neurological syndromes have been reported by Saint Barthélemy health authorities.¹

² Clinically suggestive cases of dengue are estimated based on cases of clinical syndromes associated with dengue reported by sentinel physicians. Cire Antilles Guyane. Arboviruses – dengue and chikungunya situation in the Antilles. EW 40 of 2016. Available at: <http://invs.santepubliquefrance.fr/fr/Publications-et-outils/Points-epidemiologiques/Tous-les-numeros/Antilles-Guyane/2016/Situation-epidemiologique-des-arboviroses-dans-les-Antilles.-Point-au-19-octobre-2016>

³ Clinically suggestive cases of chikungunya are estimated based on cases of clinical syndromes associated with chikungunya reported by sentinel physicians. Cire Antilles Guyane. Arboviruses – dengue and chikungunya situation in the Antilles. EW 40 of 2016. Available at: <http://invs.santepubliquefrance.fr/fr/Publications-et-outils/Points-epidemiologiques/Tous-les-numeros/Antilles-Guyane/2016/Situation-epidemiologique-des-arboviroses-dans-les-Antilles.-Point-au-19-octobre-2016>

CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION

As of EW 41 of 2016, no cases of congenital syndrome associated with Zika virus infection has been reported by Saint Barthélemy health authorities.⁴

DEATHS AMONG ZIKA CASES

As of EW 41 of 2016, no deaths from Zika virus disease have been reported by Saint Barthélemy health authorities.¹

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 weekly epidemiological bulletin on Zika virus. At the time of this report, the latest Regional Health Agency epidemiological bulletin was from EW 41 of 2016.

⁴ Cire Antilles Guyane. Zika virus surveillance in the Antilles Guyane - epidemiological situation. EW 39 of 2016. Available at: <http://invs.santepubliquefrance.fr/fr/Publications-et-outils/Points-epidemiologiques/Tous-les-numeros/Antilles-Guyane/2016/Situation-epidemiologique-du-virus-Zika-aux-Antilles-Guyane.-Point-au-6-octobre-2016>