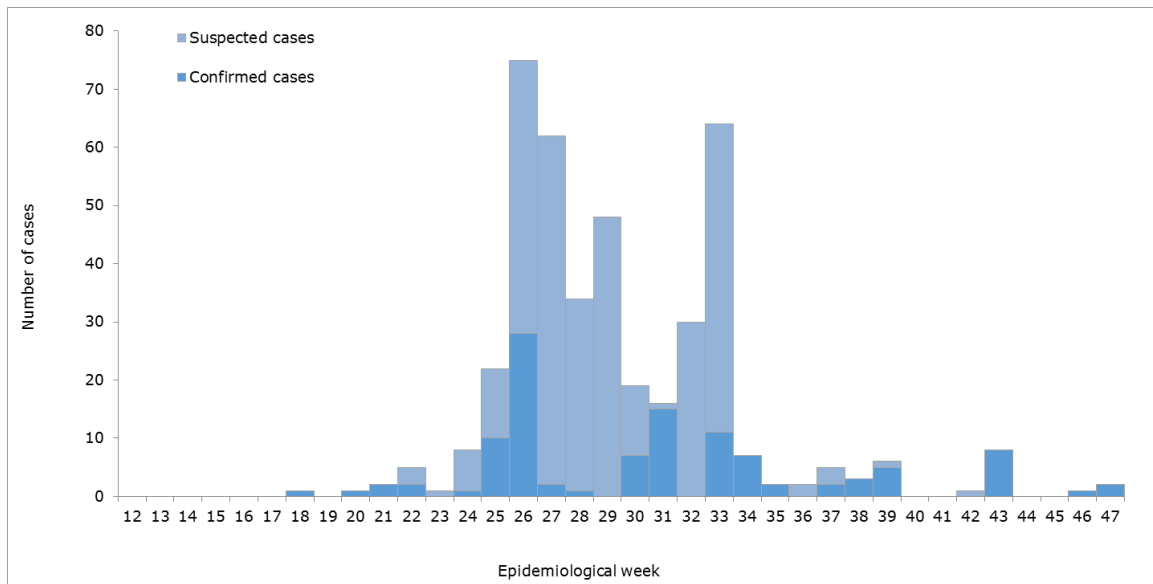


Zika-Epidemiological Report Grenada

20 December 2016

Figure 1. Suspected and confirmed Zika cases by epidemiological week (EW). Grenada. EW 12 to EW 47 of 2016.



Source: Data shared by the Grenada IHR NFP and reproduced by PAHO/WHO

FIRST AUTOCHTHONOUS VECTOR-BORNE CASES

In epidemiological week (EW) 18 of 2016, the Grenada International Health Regulations (IHR) National Focal Point (NFP) notified PAHO/WHO of the detection of the first laboratory-confirmed autochthonous case of Zika virus disease.

GEOGRAPHIC DISTRIBUTION

No information is available on the geographic distribution of cases.

TREND

As of EW 47 of 2016, Grenada has reported 111 confirmed and 314 suspected cases of Zika virus disease.¹ Most of the cases were detected between EW 26 and EW 33 of 2016. Since then, a relatively low number of cases have been reported (**Figure 1**).

¹ Reported to PAHO/WHO by the Grenada IHR NFP on 2 December 2016.

CIRCULATION OF OTHER ARBOVIRUSES

In 2016, 145 probable dengue cases (incidence rate of 131 cases per 100,000 population), including 60 laboratory-confirmed cases, were reported in Grenada up to EW 40.² In 2015, 25 laboratory-confirmed cases (23 cases per 100,000) were identified up to EW 52. In 2014, 39 laboratory-confirmed cases (35 cases per 100,000) were reported up to EW 53.

In regard to chikungunya, in 2016, 103 suspected cases (93 cases per 100,000) were reported up to EW 20.³ By contrast, in 2014, 3,070 suspected and 26 laboratory-confirmed cases (cumulative incidence rate of 2,815 cases per 100,000 population) were registered up to EW 46.

ZIKA VIRUS DISEASE IN PREGNANT WOMEN

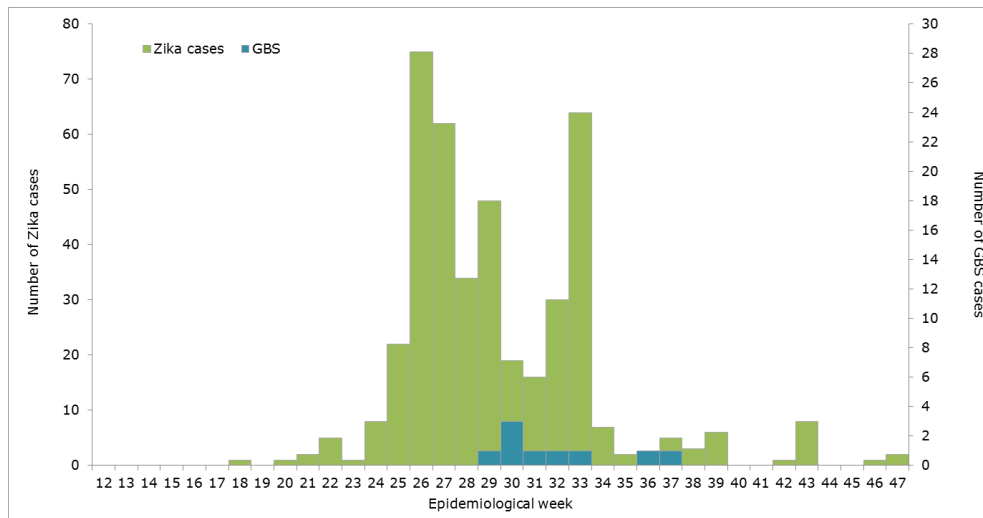
As of EW 49 of 2016, Grenada health authorities have not reported Zika virus infection in pregnant women.¹ On EW 5 of 2016, the Ministry of Health of Grenada took steps to test Zika virus in pregnant women.⁴

ZIKA COMPLICATIONS

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

As of EW 47 of 2016, ten cases of Guillain-Barré syndrome (GBS), including one death, have been identified by Grenada health authorities.¹ Three cases have been laboratory-confirmed for Zika virus infection.⁵

Figure 3. Zika and GBS cases by EW. Grenada. EW 12 of 2015 to EW 47 of 2016.



Source: Data provided by the Grenada Ministry of Health and reproduced by PAHO/WHO

² 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

³ 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

⁴ Grenada Ministry of Health. News Release. EW 5 of 2016. Available at: http://health.gov.gd/index.php?option=com_content&view=article&id=413:grenada-government-giving-pregnant-women-priority&catid=83:latest-news&Itemid=909&lang=en

⁵ Grenada Ministry of Health. News Release. EW 6 of 2016. Available at: http://health.gov.gd/index.php?option=com_content&view=article&id=434:nine-confirmed-zika-cases-in-grenada&catid=83:latest-news&Itemid=932&lang=en

CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION

As of EW 47 of 2016, one case of congenital syndrome associated with Zika virus infection has been reported by Grenada health authorities.¹

DEATHS AMONG ZIKA CASES

As of EW 49 of 2016, no deaths among Zika cases have been reported by Grenada health authorities.¹

NATIONAL ZIKA SURVEILLANCE GUIDELINES

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

LABORATORY CAPACITY

Grenada sends samples from suspected cases of Zika virus disease to the Caribbean Public Health Agency (CARPHA) for molecular confirmation (real-time RT-PCR).

INFORMATION-SHARING

Official preliminary data on Zika virus was shared by the Grenada IHR NFP on EW 18 of 2016. At the time of this report, the latest information provided by the Grenada IHR National Focal Point was from EW 47 of 2016.