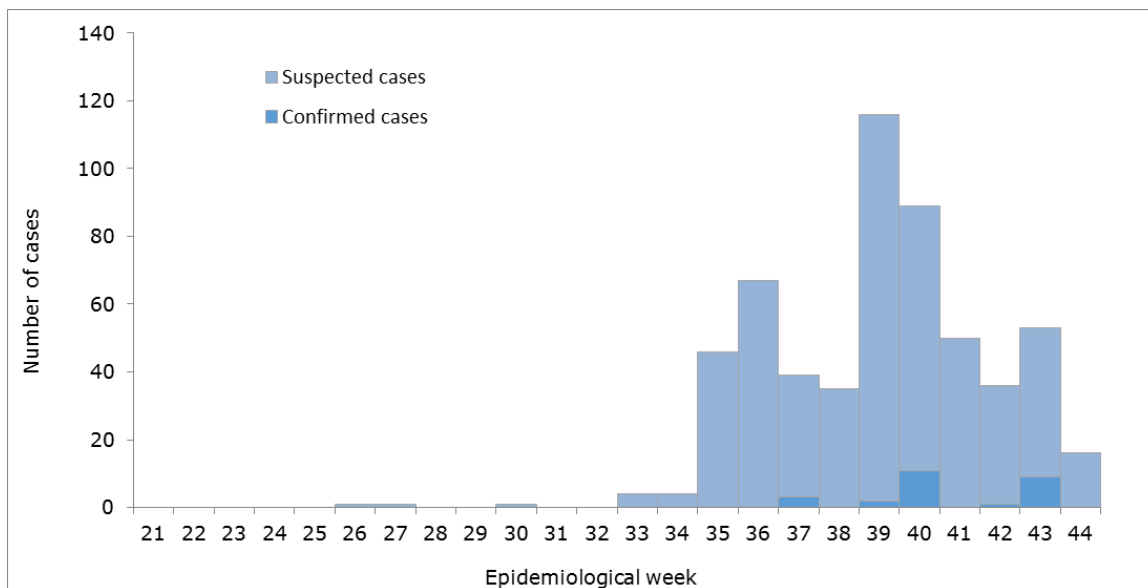


Zika-Epidemiological Report

Saint Kitts and Nevis

20 December 2016

Figure 1. Suspected and confirmed cases of Zika. Saint Kitts and Nevis. EW 21 to EW 44 of 2016.



Source: Data received from the Saint Kitts and Nevis IHR NFP and reproduced by PAHO/WHO

FIRST AUTOCHTHONOUS VECTOR-BORNE CASES

In epidemiological week (EW) 37 of 2016, the Saint Kitts and Nevis Ministry of Health notified PAHO/WHO of the detection of the first confirmed cases of autochthonous vector-borne transmission of Zika virus.

GEOGRAPHIC DISTRIBUTION

Laboratory-confirmed cases have been detected on the larger island of Saint Kitts out of the two islands.

TREND

Since the emergence of Zika virus in Saint Kitts and Nevis, the number of cases increased up to EW 39, after which a declining trend has been observed (**Figure 1**). As of EW 44 of 2016, 532 suspected Zika cases and 26 confirmed cases have been reported from Saint Kitts and Nevis.¹

¹ Reported to PAHO/WHO by the Saint Kitts and Nevis International Health Regulations (IHR) National Focal Point (NFP) on 8 November 2016.

CIRCULATION OF OTHER ARBOVIRUSES

As of EW 36 of 2016, 33 probable cases of dengue have been reported (incidence rate of 63 cases per 100,000 population).² In 2015, 5 probable dengue cases (5 cases per 100,000), including one confirmed case, were detected up to EW 24. In 2014, 75 probable cases (75 cases per 100,000), including nine confirmed cases, were identified up to EW 53.

In regard to chikungunya, a total of 28 suspected cases (54 cases per 100,000) have been detected in 2016.³ In 2014, 432 suspected and 27 laboratory-confirmed cases (cumulative incidence rate of 900 cases per 100,000) were registered up to EW 44.

ZIKA VIRUS DISEASE IN PREGNANT WOMEN

As of EW 42 of 2016, the Saint Kitts and Nevis Ministry of Health, Community Development, Gender Affairs, and Social Services has not reported any Zika virus infection in pregnant women.¹

ZIKA COMPLICATIONS

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

As of EW 49 of 2016, no cases of Zika-virus-associated Guillain-Barré syndrome (GBS) or other neurological syndromes have been reported by Saint Kitts and Nevis health authorities.¹

CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION

As of EW 49 of 2016, no cases of congenital syndromes associated with Zika virus infection have been reported by Saint Kitts and Nevis health authorities.¹

DEATHS AMONG ZIKA CASES

As of EW 49 of 2016, no deaths among Zika cases have been reported by Saint Kitts and Nevis health authorities.¹

NATIONAL ZIKA SURVEILLANCE GUIDELINES

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

LABORATORY CAPACITY

Samples from suspected Zika cases are sent to Caribbean Public Health Agency (CARPHA) for laboratory molecular conformation (real-time RT-PCR).

INFORMATION SHARING

In EW 37 of 2016, the Saint Kitts and Nevis Ministry of Health reported the first autochthonous Zika virus disease cases. At the time of this report, the latest information provided was from EW 45 of 2016.

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