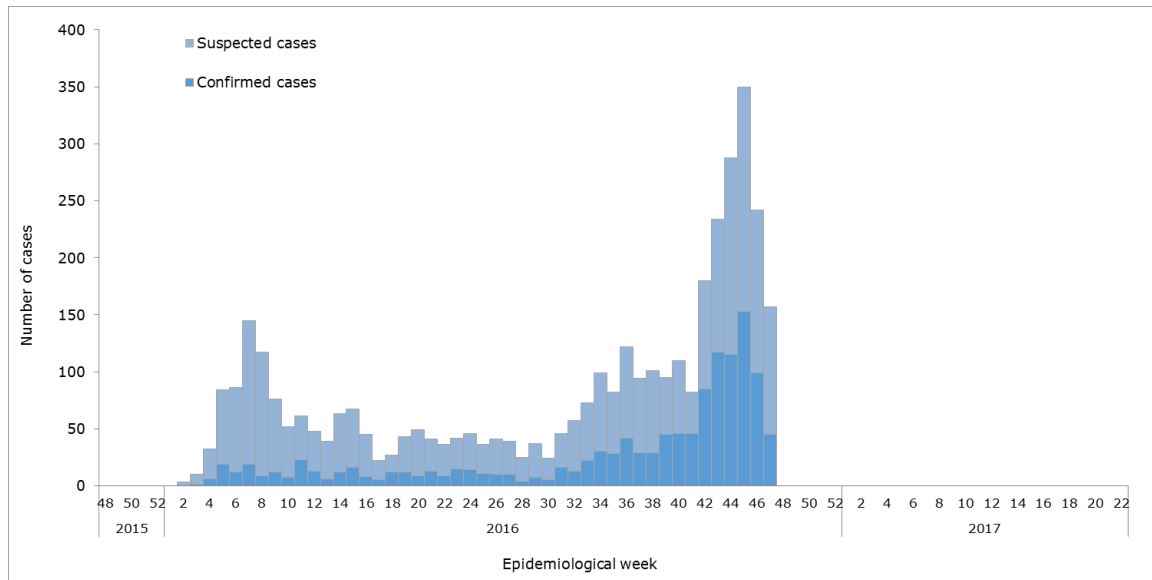


Zika-Epidemiological Report

Curacao

28 June 2017

Figure 1. Suspected and confirmed Zika virus disease cases. Curacao. EW 48 of 2015 to EW 22 of 2017.



Source: Data provided by the Netherlands National Institute for Health and Environment to PAHO/WHO ¹

FIRST AUTOCHTHONOUS VECTOR-BORNE CASES

In epidemiological week (EW) 4 of 2016, the Netherlands International Health Regulations (IHR) National Focal Point (NFP) informed PAHO/WHO of the detection of the first autochthonous vector-borne cases of Zika.

GEOGRAPHIC DISTRIBUTION

No information is available on the geographic distribution of cases.

TREND

Following the first reported case in EW 2 of 2016, an increase in cases was observed, with peaks occurring in EW 7 (n=145 cases) and in EW 45 (n=350 cases) (**Figure 1**).¹ As no further information on trends has been provided to PAHO/WHO since EW 47 of 2016, interpretation of the Zika dynamic is limited.

¹ Reported to PAHO/WHO by the Netherlands International Health Regulations (IHR) National Focal Point (NFP) on 13 February 2017.

CIRCULATION OF OTHER ARBOVIRUSES

In 2014, Curacao health authorities reported 194 suspected cases (incidence rate of 131 cases per 100,000 population) and 20 confirmed cases of dengue up to EW 36.² No information on the number of dengue cases reported in subsequent years has been provided to PAHO/WHO.

In Curacao, the detection of the first chikungunya case in EW 25 of 2014 was followed by a major outbreak that lasted until February 2015.³ The latest information on chikungunya provided by competent authorities to PAHO/WHO was from EW 44 of 2014, when 1,838 suspected and 835 confirmed cases were reported.⁴

ZIKA VIRUS DISEASE IN PREGNANT WOMEN

As of EW 44 of 2016, the Netherlands Ministry of Health, Welfare and Sport reported 30 cases of Zika virus infection in pregnant women in Curacao.⁵

ZIKA COMPLICATIONS

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

As of EW 47 of 2016, the Netherlands IHR NFP has reported three confirmed cases of Zika-virus-associated Guillain-Barré syndrome (GBS).¹

CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION

As of EW 22 of 2017, no cases of congenital syndrome associated with Zika virus infection have been reported by Curacao health authorities.

DEATHS AMONG ZIKA CASES

As of EW 22 of 2017, no deaths among Zika virus cases have been reported by Curacao health authorities.

NATIONAL ZIKA SURVEILLANCE GUIDELINES

No information is available on guidelines for Zika virus surveillance.

INFORMATION SHARING

Information on Zika virus in Curacao is provided by the Netherlands IHR NFP and shared with PAHO/WHO. At the time of this report, the latest information available received from the Netherlands IHR NFP was from EW 47 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 The Netherlands National Institute for Public Health and Environment. Ministry of Health, Welfare and Sport. Surveillance overview of Zika virus (ZIKV), dengue and chikungunya in the European and Caribbean Netherlands and the overseas territories. Available at: <http://www.rivm.nl/dsresource?objectid=196dd9bf-90e2-4563-8f18-d4ac251c33c4&type=pdf&disposition=inline>

⁴ 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

⁵ The Netherlands National Institute for Public Health and Environment. Ministry of Health, Welfare and Sport. Surveillance Overview Zika virus (ZIKV), dengue and chikungunya in European and Caribbean Netherlands and the Overseas Kingdom Line. EW 44 of 2016. Available at: <http://www.rivm.nl/dsresource?objectid=196dd9bf-90e2-4563-8f18-d4ac251c33c4&type=pdf&disposition=inline>