

# Zika-Epidemiological Report

## Curacao

2 November 2016

### 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

As of EW 37 of 2016, the Netherlands IHR NFP has reported 322 laboratory-confirmed cases of Zika.<sup>1</sup> Information on trends is not presented as distribution by EW for Curacao is not available.

### CIRCULATION OF OTHER ARBOVIRUSES

During the past decades, dengue has been reported in Curacao. Between 2010 and 2011, there were 1,822 confirmed cases and four deaths reported.<sup>2</sup>

Between late 2014 and early 2015, there was a major epidemic of chikungunya in Curacao.<sup>3</sup> No epidemiological curves are available for dengue and chikungunya in Curacao.

### ZIKA VIRUS DISEASE IN PREGNANT WOMEN

As of EW 41 of 2016, the Netherlands Ministry of Health, Welfare and Sport has not reported cases of Zika virus infection in pregnant women in Curacao.

### 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 Curacao health authorities.

#### CONGENITAL SYNDROME ASSOCIATED WITH ZIKA VIRUS INFECTION

As of EW 41 of 2016, no cases of congenital syndrome associated with Zika virus infection have been reported by Curacao health authorities.

<sup>1</sup> Reported to PAHO/WHO by the Netherlands IHR NFP on 13 September 2016.

<sup>2</sup> Fleur M. Moesker, Fred D. Muskiet, Jeanne J. Koeijers, Pieter L. A. Fraaij, Isaac Gerstenbluth, Eric C. M. van Gorp, Albert D. M. E. Osterhaus PLoS Negl Trop Dis. 2013 August; 7(8): e2203. Published online 2013 August 8. doi: 10.1371/journal.pntd.0002203

<sup>3</sup> The Netherlands National Institute for Public Health and Environment. Ministry of Health, Welfare and Sport. Chikungunya. Available at: <http://www.rivm.nl/Onderwerpen/C/Chikungunya>

## **DEATHS AMONG ZIKA CASES**

As of EW 41 of 2016, 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 provided by the Netherlands IHR NFP was received on 13 September 2016.