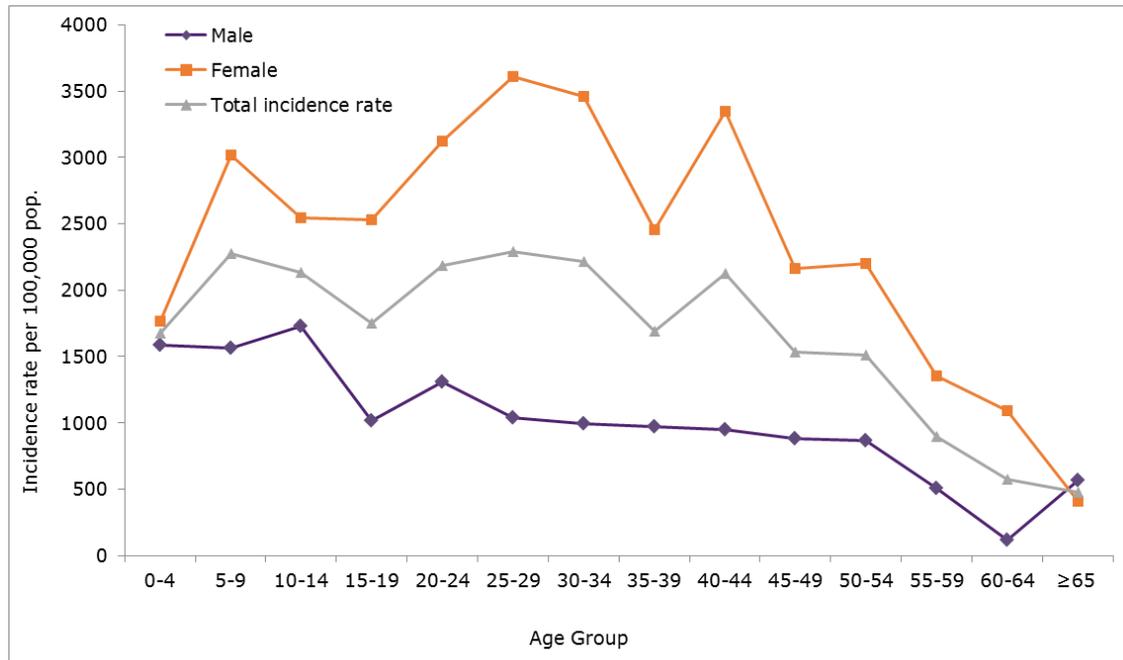


Figure 2. Incidence rate of Zika virus by sex and group of age per 100,000 population. Dominica. As of EW 41 of 2016.²



Source: Data provided by the Dominica Ministry of Health to PAHO/WHO

CIRCULATION OF OTHER ARBOVIRUSES

As of EW 8 of 2017, 10 probable cases of dengue (14 cases per 100,000 population) have been reported. In 2016, Dominica health authorities reported a total of 351 probable cases of dengue (474 cases per 100,000), including 6 laboratory-confirmed cases (8 cases per 100,000) up to EW 48 of 2016³. This figure is higher compared to the cases reported in 2015 and 2014 when 38 suspected cases (51 cases per 100,000) and 184 suspected cases (259 cases per 100,000) of dengue were reported respectively for the entire year.

Chikungunya was first detected in February 2014, when a large outbreak occurred. Up to EW 24 of 2016, a cumulative 269 suspected cases of chikungunya (366 per 100,000) including two confirmed cases were reported. In 2017, no information regarding chikungunya cases is available.⁴

ZIKA VIRUS DISEASE IN PREGNANT WOMEN

As of EW 38 of 2016, ten confirmed and three suspected cases of Zika virus disease in pregnant women have been reported by Dominica.² As of EW 21 of 2017, six of the Zika positive pregnant women have given birth. Four babies were healthy with no abnormalities, one died at 24 weeks of

² Reported to PAHO/WHO from Dominica International Health Regulation (IHR) National Focal Point (NFP) on 11 October 2016.

³ PAHO/WHO. Dengue – Number of Reported Cases of Dengue and Severe Dengue (SD) in the Americas, by Country – Available at: http://www.paho.org/hq/index.php?option=com_topics&view=rdmore&cid=6290&Itemid=40734

⁴ PAHO/WHO. Chikungunya – Number of Reported Cases of Chikungunya Fever in the Americas, by Country – Available at: http://www.paho.org/hq/index.php?option=com_topics&view=readall&cid=5927&Itemid=40931&lang=en

gestation and no information was available for one case.⁵ The baby who died at 24 weeks of gestation was due to premature rupture of the mother's membranes at 24 weeks.¹

ZIKA COMPLICATIONS

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

As of EW 16 of 2016, two suspected Guillain-Barré syndrome (GBS) cases associated with the Zika virus have been reported by the Dominica Ministry of Health.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 the Dominica Ministry of Health.¹

DEATHS AMONG ZIKA CASES

As of EW 22 of 2017, no deaths among Zika cases have been reported by the Dominica Ministry of Health.¹

NATIONAL ZIKA SURVEILLANCE GUIDELINES

The surveillance system for acute infectious diseases is based on surveillance of syndromes. In addition, when a new pathogen is detected, case investigation forms are distributed. Guidelines for Zika virus surveillance are not available on the Ministry of Health website.

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

At the time of this report, the latest available Zika information shared by the Dominica International Health Regulations (IHR) National Focal Point (NFP) was from EW 16 of 2017.

⁵ Reported to PAHO/WHO from Dominica International Health Regulation (IHR) National Focal Point (NFP) on 23 May 2017