

DENGUE NOTIFICATIONS IN BOTUCATU, SP, IN 2012

(NOTIFICAÇÕES DE CASOS DE DENGUE NA CIDADE DE BOTUCATU/SP NO ANO DE 2012)

S.D. BABBONI¹, A.C.P.LIMONI², V.M.C. SILVA³, D.B.SILVA¹, C.K.C.CÉZAR⁴

Dengue control is a major public health problem worldwide. The World Health Organization estimates that between 50 and 100 million people are infected annually, in more than 100 countries on all continents, except Europe. According to world data from the Health Department, about 550,000 patients require hospitalization and 20,000 die as a result of dengue. In our country, the social and environmental conditions, favorable to the spread of *Aedes aegypti*, enabled the spreading of the vector since its reintroduction in 1976. In São Paulo, the presence of the vector was detected in 1985 and by mid-1995, 595 counties were infested by this vector. According to the state classification regarding vulnerability for the occurrence of dengue, Botucatu was classified as an area of high vulnerability (CVE, 2012). This study evaluates the behavior of dengue cases in Botucatu, in 2012, using data collected from the Vigilância Ambiental em Saúde of the city. During the period, there were 114 notifications of dengue cases and from the reported cases, 109 were negative and 5 positive, and the positives came from outside the city. Botucatu has played an important role in the community regarding preventive measures. However, future studies are needed to demonstrate both the efficiency and the effectiveness of this action. It was also concluded that the most efficient way to combat this serious public health problem, is prevention and awareness.

1* Pós Graduando do Departamento de Higiene Veterinária e Saúde Pública – Faculdade de Medicina Veterinária e Zootecnia – UNESP – Universidade Estadual Paulista Julio de Mesquita Filho – Campus de Botucatu – SP.E-mail: selenebrasil@yahoo.com.br

2 Agente de Saúde Pública – Vigilância Ambiental em Saúde – Secretaria da Saúde - Prefeitura Municipal de Botucatu

3 Supervisor de Serviços de Saúde Ambiental e Animal – Vigilância Ambiental em Saúde – Secretaria da Saúde - Prefeitura Municipal de Botucatu

4 Graduanda de Medicina Veterinária – Faculdade de Medicina Veterinária e Zootecnia – UNESP – Universidade Estadual Paulista Julio de Mesquita Filho – Campus de Botucatu – SP.