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## Gambaran Demam Berdarah Dengue Kota Semarang Tahun 2014-2019

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### Abstract

Dengue Hemorrhagic Fever or DHF is a disease with high morbidity and mortality rates in Indonesia. Many people have carried out the program to prevent the spread of DHF. However, DHF has a high number of cases, especially in the city of Semarang. The factors that influence a disease epidemiologically are host factors, agent factors, and environmental factors. The purpose of this study was to determine the epidemiological description of dengue fever in the city of Semarang based on rainfall, humidity, population, and mosquito larvae-free numbers. This research uses quantitative research using a descriptive survey. Secondary data were taken from the Central Statistics Agency from 2014 to 2019. The results of the correlation analysis proved that there was no relationship

between rain intensity ( $p = 0.289$ ), humidity ( $p = 0.246$ ), population ( $p = 0.068$ ), and larva free rate ( $p = 0.373$ ) to the number of dengue fever sufferers in Semarang City in 2014-2019.

**Keywords:** Dengue Hemorrhagic Fever, Semarang City, Epidemiology

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