

JURUSAN KESEHATAN LINGKUNGAN  
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Gambaran Kepadatan Jentik Nyamuk *Aedes aegypti* di Wilayah Kerja Puskesmas Rawat Inap Way Kandis Kelurahan Tanjung Senang Bandar Lampung Tahun 2023

**ABSTRAK**

Penyakit Demam Berdarah Dengue (DBD) atau yang disebut Dengue Hemorrhagic Fever (DHF). adalah penyakit menular yang disebabkan oleh virus dengue yang di tularkan melalui gigitan nyamuk *Aedes aegypti* dan *Aedes albopictus*. Penyakit DBD di tandai dengan demam tinggi secara terus menerus selama 2 hingga 7 hari dan disertai pendarahan serta shock yang jika tidak segera mendapat penanganan dapat menyebabkan kematian.

Tujuan Penelitian Diketuinya House Index, Container Index, Bretau Index, Angka Bebas Jentik, Diketuinya Keberadaan jentik pada letak tempat penampungan air di dalam dan di luar rumah, Diketuinya Keberadaan jentik pada jenis tempat penampungan air (TPA) dan non penampungan air (TPA) wilayah kerja Puskesmas Rawat Inap Way Kandis di Kelurahan Tanjung Senang Bandar Lampung Tahun 2023. Penelitian ini adalah penelitian yang dilaksanakan pada bulan maret sampai dengan bulan april 2023 di Kelurahan Tanjung Senang.

Hasil penelitian ini menunjukkan bahwa Angka House Index (HI), diperoleh sebesar 20%. Angka Container Index (CI) sebesar 8% Angka Bretau Index (BI) di kelurahan sebesar 34. Angka Bebas Jentik di Kelurahan Tanjung Senang Wilayah Kerja Puskesmas Rawat Inap Way Kandis, hasil penelitian ini dapat ABJ sebesar 80%, menunjukkan kepadatan sedang potensial penularan DBD, karna syarat suatu daerah bebas jentik adalah  $\geq 95\%$ . Kepadatan jentik *Aedes aegypti* di kelurahan Tanjung Senang Wilayah Kerja Puskesmas Rawat Inap Way Kandis, disimpulkan bahwa kepadatan jentik di wilayah tersebut dalam kepadatan sedang

Kata Kunci : Kepadatan Jentik *Aedes aegypti*

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Description of the Density of *Aedes aegypti* Mosquito Larvae in the Work Area of the Way Kandis Inpatient Health Center, Tanjung Selamat Village, Bandar Lampung in 2023

**ABSTRACT**

Dengue Hemorrhagic Fever (DHF) or also known as Dengue Hemorrhagic Fever (DHF), is an infectious disease caused by the dengue virus which is transmitted through the bite of *Aedes aegypti* and *Aedes albopictus* mosquitoes. Dengue fever is characterized by continuous high fever for 2 to 7 days and is accompanied by bleeding and shock which if not treated immediately can cause death.

Research Objectives Completion of House Index, Container Index, Bretau Index, Larvae Free Rate, Realization of larvae in water reservoirs inside and outside the home, Making larvae in types of water reservoirs (TPA) and non-water reservoirs (TPA) in the work area of the Health Center Way Kandis Hospitalization in TanjungHappy Village, Bandar Lampung in 2023. This research was conducted from March to April 2023 in TanjungHappy Village.

The results of this study indicate that the House Index (HI) figure is obtained by 20%. The Container Index (CI) figure is 8% The Bretau Index (BI) rate in the village is 34. The larvae-free rate in the TanjungHappy Village Working Area of the Way Kandis Inpatient Health Center, the results of this study get an ABJ of 80%, indicating moderate traffic jams with DHF potential, because the requirement for a larva-free area is  $> 95\%$ . Density of *Aedes aegypti* larvae in the TanjungHappy sub-district, Working Area of the Way Kandis Inpatient Health Center, poetry that the crowds of larvae in the area are in moderate density

Keywords: Density of *Aedes aegypti* larvae.