

## Hubungan kondisi sanitasi lingkungan Rumah Tangga dengan keberadaan jentik vektor dengue di daerah rawan demam berdarah dengue Kota Dumai tahun 2001

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### Abstrak

Dumai is area endemic of Dengue disease (DBD) with condition of environmental sanitary in general has not well. Purpose of this research is to know image of condition of environmental sanitary in kota Dumai and sees are there the relation of condition of household area sanitary with exestence larvae of vector dengue and area sanitary aspect what which most dominant related to existence larvae of vector dengue in disease gristle area of Kota Dumai. This research subject is houseould 102 houesould who live in gristle area of Kota Dumai. This research is research type of observasional with planning "Cross Sectional". Research subject is houselds who live in gristle DBD. Sampling is done in "random sampling" Research independent variable is condition of household area sanitary covering aspect : supply of cleanness water, management of garbage and practice of eradication of masquito dengue. Research dependent variable is existence larvae of vector dengue. result of analysis univariat shows condition of household area sanitary in general is unfavourable (62,7%). Out of 555 containers contains water which are positive larvae at is 186 containers (33,51%). Result of analysis Rank Spearman shows there is relationship signifikan between condition of household area sanitary with existence larvae at ( $Rho = Rho = 0,586$  and  $p = 0,000$ ). While result of regression analysis shows area sanitary aspect that is most dominant related to existence to larvae at is practice of hpousehold in PSN - DBD whit P value 0, 000 and correlation value = 0, 635. Equally, factor that is very signifikan of existence larvae at vector dengue is PSN - DBD.