

SUMMARY

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Title : The Relationship between Socio-Economic and Environmental Factors to the Incidence of Coronavirus Disease (Covid-19) in Kota Baru District, Jambi City

Corona virus Disease 2019 (Covid-19) is an infectious disease that caused by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). The aim of this research is to analyze the socio-economic and environmental factors from Corona Virus Disease (Covid-19) in Kota Baru district, Jambi city.

The research used case control, education, vaccination status, close contact history, travel history, Covid-19 prevention behavior, income and population. The dependent variable is Covid-19-case. The samples were taken by cluster sampling. The samples of control group were taken by people who live in the same house and have not gotten Covid-19 yet. The total sample is 128 respondents (64 cases and 64 controls) the collective data was done using questionnaire and estimation.

The data was analysed using chi square and logistic regression of CI 95 % the result of the research should that there was relation between gender with Covid-19 case whereas education vaccination status close contact history, travel history, Covid prevention behavior, income and population were not related with Covid 19 case.

The dominant factor that has relation with Covid-19 case is vaccination status (p value 0,052 and OR 8,485, 95 % CI, 0,978 – 73,540) after getting controlled by prevention behavior, travel history, and close contact history. It would be better if people get vaccination in order to increase the immunity from Covid-19, and also implementing health protocols by doing 5 M

Keywords: Covid-19 Incident, Vaccination Status, Prevention Behavior.