

ABSTRACT

Need and Utilization Analyses as A Basis for Supply Pattern of (Government Assistance) Village Ambulance in Lumajang District

The aim of this study is to formulate a recommendation for provision/supply pattern of village ambulance of government assistance based on the result of needs and utilization analysis in Lumajang district in 2013. The background is the village ambulance procurement policies of government assistance (1 Village 1 ambulance), while the utilization of *Amdes* is still low. The study population are 198 villages in Lumajang district that are planned to be given village ambulance of government assistance, an ambulance for each village. Meanwhile, the sample of this study is a proportion of community in Lumajang district in working area of 30 selected villages. The sample was taken by employing multi stage random sampling method for Lumajang district community and secondary data from the health department of Lumajang District. The instruments for data analysis that used are descriptive statistic method and (binary and multinomial) logistic regression analysis.

From the result of this study, it can be concluded that the level of community knowledge about village ambulance can affect community demand, while demographic factors, community characteristics and health care access can affect the level of community need for village ambulance. Therefore, the effective level of village ambulance utilization can be obtained when provision/supply pattern is based on the need and utilization analyses.

Keywords: need, demand, utilization, supply pattern, village ambulance