

ABSTRACT

Stunting is still a nutritional problem that still occurs in Indonesian society. The problem of stunting has an impact on the quality of human resources. This study aims to analyze the influence of socioeconomic factors in the household, including mother's education, father's education, mother's employment status, and household food expenditure on stunting in toddlers in Indonesia.

This study uses secondary data obtained from the Indonesian Family Life Survey wave 5 (IFLS 5) in 2014. The sample of this study was toddlers aged 0 to 4 years as many as 3,790 individuals. The data were then analyzed using probit regression and marginal effects with the help of STATA 17 software. The dependent variable used in this study is stunting in toddlers. The independent variables used in this study were mother's education, father's education, mother's employment status, and household food expenditure.

The estimation results using probit regression show that the variables of mother's education and father's education have a significant effect on stunting in children under five in Indonesia, while the mother's employment status and household food expenditure have no significant effect on stunting in children under five in Indonesia. The results of the marginal effect analysis of the probit model estimation show that higher maternal and paternal education can reduce the risk of stunting in children under five. Limitations in this study include a large missing value in the dataset, IFLS data covering only 24 provinces, a small Pseudo-R² value, using toddler age data in years so that it is not optimal for calculating toddler z-score, the analysis method used has not been able to control variables outside the model, and the theory used only refers to health in general. Suggestions for this study are for mothers and fathers to improve their understanding of stunting, working mothers to set aside free time for their children, and households to increase food expenditure for protein consumption.

Keywords: Stunting, Socioeconomic, IFLS, Probit Model