

## ABSTRACT

### DEVELOPMENT OF PROSPEROUS FAMILY INDEX IN PROVINCE OF EAST JAVA

**Soenarnatalina M.**

Indicators of the prosperity of the family can be observed from many aspects, such as health, education, housing and environment, socio cultural, and economic. The prosperity can not be measured by one variable or dimension only because of its multidimensionality. Indicator only has a specific condition or variable. To overcome this problem, it is suggested to use index for evaluating the prosperity level of the family.

The objective of this research was to develop index of prosperity level of the family. It was conducted in 5 Districts in Province of East Java. Sample size of this research was 960 households selected by multistage random sampling.

The results of the research showed that health, education, housing and environment, socio cultural, and economic were considered as indicators. The valid and reliable indicators were verified by Confirmatory Factor Analysis method ( $\lambda, p < 0.05$  and  $\delta, p < 0.05$ ).

It was concluded that :

- (1) The formula of prosperous family index was: Prosperous Family Index =  $0.44 \times \text{health index} + 0.66 \times \text{education index} + 0.63 \times \text{housing and environment index} + 0.55 \times \text{socio cultural index} + 0.76 \times \text{economic index}$ .
- (2) The accuracy of the index to classify empirical data was 94.2%.

**Key words: Indicator, Index, Prosperity level of the family**