ABSTRACT

SITI HAJAR. Growth Characteristics Study of School Age Children in West Java Province. Under the guidance of Hidayat Syarief and Ikeu Ekayanti.

The problem of malnutrition in school age children is characterized by a condition of body weight and height which are below standard. This condition will have adverse effects in adulthood that is characterized by a stunted and low ability levels. The purpose of this research was to study analysis growth characteristic of school age children in West Java Province (limited to Garut, Bandung, and Cirebon district). A cross sectional study designed was implemented and a set of data of Riskesdas 2007 was used in the study. Data was analyzed using Microsoft Exel 2007 for windows and Statistical Program for Social Science (SPSS) 16.0. Data include the characteristics of the sample’s families (families size, parental education, parental employment, and household income); the characteristics of school age children (age, sex, weight, height, energy consumption, and protein consumption); the families of physical environment and infectious diseases. Weight for age (W/A), height for age (H/A) and body mass index for age (BMI/A) index were used to measure school age children nutritional status. Based on indicator of W/A, the result of this analysis were the factors that influence nutritional status in the Garut district the amount of income by 3.4%. As for H/A no factors affected. Based on BMI/A indicators, factor that were influential were the protein consumption. The results of the analysis in Bandung district, based on indicators W/A and BMI/A were indicated that the number of families amounted to 1.5% and 1.1%. Based on indicators of H/A no factors effected. In the Cirebon district, based on W/A indicator, factors that were influential were the amount of income, protein consumption, and the head of the family’s education by 12.4%, and based on H/A and BMI/A that were influential were the amount of income by 3.2% and 2.8%.

Keywords: School age children, weight for age, height for age, body mass index for age.