

ABSTRACT

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**Differences in Macro-nutrients Intake, Fiber, Consumption Pattern Based on Nutritional Status of Children Aged 7-12 Years Old in Kalimantan Islands
(Secondary Data Analysis Riskesdas 2010)**

xiii, V Chapters, 145 Pages, 34 Tables, 2 Charts, 2 Graphs

Background : Now, Indonesia has still double burden in nutritional problem. Wasting prevalence in Kalimantan is still higher than national prevalence (12,2%), which are West Kalimantan (14,6%), Central Kalimantan (13,4%), and East Kalimantan (13,3%).

Objective : To analyze differences in macro-nutrients intake, fiber, consumption pattern based on nutritional status of children aged 7-12 years old in Kalimantan Island.

Design : Using data from the Health Research (Riskesdas), with cross sectional method, statistical tests used independent t-test and one-way Anova test. The sample is 2100 school children aged 7-12 years old in Kalimantan Island.

Result : Mostly respondents are men (51,3%) and lived in rural areas (56,0%). Most children have normal nutritional status (68,2%). There are not differences in nutrients intake based on gender ($P > 0,05$). There are three provinces that have differences in energy, macro nutrients, and fiber intake based on living areas and economic status ($P < 0,05$). There are three provinces in differences in nutrients intake with nutritional status ($P > 0,05$) in Kalimantan Island. Consumption of protein source is the biggest contributor in energy, protein, and fat intake.

Conclusion : Need more counseling about balanced nutrition, especially in growth period for school children to reach normal nutritional status.

Keywords : Macro-nutrient Intake, Fiber, Consumption Pattern, Nutritional Status (BAZ) of School Children