

**THE RELATIONSHIP BETWEEN FAMILY FOOD SECURITY AND THE
APPROPRIATENESS OF PROVIDING COMPLEMENTARY FOOD TO THE
NUTRITIONAL STATUS OF CHILDREN AGED 6-23 MONTHS IN THE
PUSKESMAS JELBUK, JEMBER REGENCY**

Salsabillah Safinah

Clinical Nutrition Study Program

Department of Health

ABSTRACT

The nutritional status of children aged 6–23 months is influenced by household food security and the appropriateness of complementary feeding (MP-ASI). Inappropriate MP-ASI practices and limited access to nutritious food can lead to nutritional deficiencies and increase the risk of underweight. Other contributing factors include infections and maternal knowledge. This study aimed to determine the relationship between household food security and the appropriateness of complementary feeding with the nutritional status of children aged 6–23 months in the working area of Jelbuk Public Health Center. This research employed a descriptive analytic method with a cross-sectional design and simple random sampling technique. The study was conducted over one month, from February 14 to March 15, 2025, involving 88 respondents across six villages in Jelbuk Subdistrict, Jember Regency. Data were collected using a household food security questionnaire, a complementary feeding appropriateness questionnaire, and anthropometric measurements of the children's nutritional status. The results showed that the majority (53.4%) of households were classified as food insecure, and 65.9% of respondents practiced inappropriate complementary feeding. Most of the children (62.5%) were categorized as underweight. Statistical analysis revealed a significant relationship between household food security and underweight status (p -value = 0.000), but no significant relationship was found between the appropriateness of MP-ASI and the nutritional status of the children (p -value = 0.274). Household food security is significantly associated with children's nutritional status, while the appropriateness of complementary feeding shows no significant association.

Keywords: Food Security, Appropriateness of MP-ASI Provision, Nutritional Status, Toddlers, Jelbuk Health Center, Underweight.