



## ABSTRACT

<b>Title of Abstract</b>	: Stunting Among School-Aged Children in West Bandung: Social Determinants from a Locus Area Perspective
<b>Authors of Abstract</b>	: Isti Kumalasari, Ahmad Hisbullah Amrinanto
<b>Affiliation</b>	: Others
<b>Correspondence E-mail</b>	: ikumalasari@upi.edu

**Background :** Stunting remains an ongoing public health challenge in Indonesia, particularly among children living in rural and economically vulnerable areas. Stunting affects not only physical development but also cognitive and long-term productivity. Cihampelas, a subdistrict in West Bandung, West Java, has been identified as a stunting locus.

**Objective :** This study aimed to identify and analyze the social determinants contributing to stunting in elementary school children.

**Research Methods/ Implementation Methods :** This study used a case-control design involving a total of 104 elementary school children divided into case group (51 stunted children) and control (53 children). Data collection using a structured questionnaire . The collected data were analyzed using the chi-square test and logistic regression.

**Results :** This study examined the relationship between stunting and several variables, including sex, parental education, household characteristics, family income and expenses, food security, dietary diversity, and access to food shop (warung). The findings showed a statistically significant correlation between household characteristics and stunting among elementary school children ( $p < 0.032$ ;  $p < 0.05$ ), while other variables showed no significant correlation.

**Conclusion/Lesson Learned :** This study prove that household structure plays a significant role in stunting among elementary school children in Cihampelas, West Bandung, with children from larger families (more than four members) being 4.06 times more likely to experience stunted growth. While variables such as sex, parental education, income, food security, dietary diversity, and food access showed no significant correlation, the findings suggest that family composition is a critical determinant, with maternal education potentially serving as a moderating factor.

**Keyword :** school-aged children; social determinants; stunting