

Family Migration and Intelligence Quotient of School Children and Adolescent in Thailand

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Abstract

The objectives of this study were to examine the situation of family migration, intelligence quotient of school children, adolescent and also study relationship between family migration and intelligence quotient of school children and adolescent in Thailand. The sampling data were 3,178 school children and 3,150 adolescent with their parents sharing with the project for Holistic Development of Thai Children, which survey the children age 6-18 years old during September 2001 to January 2002. Test of non verbal intelligence (TONI- 3) were used to screen the intelligence quotient of the children. The association of family migration and intelligence quotient of school children and adolescent were analyzed by using percentage, chi-square test and logistic regression.

The results showed family of school children and adolescent had quite similar migration rate of 11.2 and 12.2. Most of the migrants in school children were father while in the adolescent group were the non-parent. For region aspect, the Northeastern region had more migration than others. Situation among intelligence quotient of children indicated that school children with family migration had higher proportion of below normal intelligence quotient than children who live in family without migration (70.8 and 63.2). There was no difference in proportion of intelligence quotient below normal between adolescent groups. Family migration was statistically significant association with intelligence quotient of school children ($p < 0.05$). The children lived with family migration had the risk of intelligence quotient below normal 1.4 time of those whose family without migration. The results suggested that the family of school children with migration should promote learning process to develop intelligence quotient.

Key word : Family migration, intelligence quotient of children

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