

KEY WORD: COMPOSITE INDICATOR / EFFICIENCY / SECONDARY EDUCATION

LADDA DANVIRIYAGUL : THE DEVELOPMENT OF COMPOSITE INDICATOR OF SECONDARY EDUCATION EFFICIENCY. THESIS ADVISOR : ASSO. PROF. SIRICHAJ KANJANAWASEE, Ph.D. AND MR. THAKOL NIRUNSIROJANA. 207 pp. ISBN 974-583-859-4

The purpose of this study was to develop the composite indicator of secondary school efficiency concerning educational management, educational equality, educational resources and educational wastage. Data consisted of 10 single indicators in educational management, 10 single indicators in educational equality, 22 single indicators in educational resources, and 6 single indicators in educational wastage. Factor analysis, method by Image factoring and Varimax rotation method was used to find the composite indicators. Comparing composite indicators among school of different sizes, one-way analysis of variance was used and compare the effect on the score of school standard, correlation analysis was employed.

The major findings were as follows :

1. Composite indicators of secondary education efficiency consisted of 7 indicators.
 - 1.1 2 composite indicators educational management were teaching loading, and student's promotion and retention.
 - 1.2 1 composite indicator educational equality was urbanization of school and competitive situation in student recruitment.
 - 1.3 2 composite indicators educational resources were factor concerning school's needs, and factor supporting teaching quality.
 - 1.4 2 composite indicators education wastage were ungraduated situation, and student's drop out situation.
2. Composite indicators of secondary education efficiency among school of different size were significantly different at .05 level.
3. 5 composite indicators of secondary education efficiency had significantly effected on the score of school standard at .01 level. They were urbanization of school and competitive situation in student recruitment, student's promotion and retention, factor concerning school's needs, teaching loading, and student's drop out situation.