

**Thesis title:** Academic Administration Factors Affecting the Ordinary National Education Test Results of Primary Level Students under Bangkok Metropolitan Administration

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### Abstract

The purposes of this research were (1) to study the level of academic administration of primary schools under Bangkok Metropolitan Administration (BMA); (2) to study the level of the Ordinary National Education Test (O-NET) scores of primary level students in schools under BMA; (3) to study the relationship of academic administration and the O-NET scores of primary level students in schools under BMA; and (4) to construct a regression equation for prediction of O-NET scores of primary level students in schools under BMA using academic administration factors of the school administrator as the predictors.

The research sample consisted of 201 heads of academic affair division in 201 schools under BMA. The employed research instrument was a rating scale questionnaire with reliability coefficient of .97. Statistics for data analysis were the frequency, percentage, mean, standard deviation, Pearson correlation, and multiple regression analysis.

The research findings showed that (1) the overall academic administration of primary schools under BMA was rated at the high level; (2) the mean O-NET score of primary students in schools under BMA was 39.29, which was at the needed improvement level; (3) no significant correlation, at the .05 level, was found between the academic administration factors of the schools and O-NET scores of primary level students in schools under BMA; and (4) regarding the use of the eight aspect factors of academic administration as predictors of primary level students' O-NET scores, it was found that the eight aspect factors of academic administration did not affect O-NET scores of primary level students in schools under BMA at the .05 level; and the multiple regression coefficients in the form of standard score regression equation could be shown as follows:

$$\hat{Z}_Y = -0.072Z_{X1} + 0.082Z_{X2} - 0.101Z_{X3} + 0.164Z_{X4} - 0.220Z_{X5} \\ - 0.041Z_{X6} + 0.003Z_{X7} + 0.119Z_{X8}$$

**Keywords:** Academic Administration, Ordinary National Education Test (O-NET)