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PREMJIT HONGAMPAI : AN ANALYSIS OF DETERMINANT BUDGET ALLOCATION
FOR PUBLIC HEALTH SERVICE : A CASE STUDY OF THE OFFICE OF THE
PERMANENT SECRETARY MINISTRY OF PUBLIC HEALTH. THESIS ADVISOR.:
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- The Objective of this study is to identify the factors in allocation of health budget to provincial level and their impacts on the budget allocation. The study focuses particularly on the budget allocation of the Office of Permanent Secretary Ministry of Public Health for all provinces in Thailand except Bangkok. The data of the fiscal year B.E. 2530 and 2532 were used. Generalized Least Squares Estimation Technique, a regression method, is used in the analysis.

The study finds that the factors determining the allocation of budget of the ministry of public health at provincial level are the number of inpatients, the number of outpatient visits, the number of referred and/or neighboring-province patients. On average, an inpatient, an outpatient visit, and a referred and/or neighboring-province patients require $\text{฿ } 179, 56, 423$ in government subsidy respectively. In addition, one baht increase in average income will lead to $\text{฿ } 38$ decline in budget requirement while one bed increase in other ministry hospitals will result in $\text{฿ } 41,489$ budget reduction. But one person increase in population will need the budget increase of $\text{฿ } 1.85$ per head. Moreover, the responses budget allocation to changes in various factors are rather low.