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Health Centers under the Bangkok Metropolitan Health Bureau are becoming increasingly responsible for health programs in Bangkok schools. This could eventually double the health centers' workloads and create problems. The purpose of this explanatory research was to discover some factors influencing the primary school health performance of Bangkok health centers. The factors were administration resources (manpower budget and equipment), and administration processes (planning, organizing, staffing, directing and controlling). The data were collected from 60 officers responsible for school health of 60 health centers by using questionnaires from 11th February – 15th March 1999.

The major findings were as follow. School health officers had an average age of 42 years and 6 years of experience. Most of them were married (81.7 %) and held a Bachelor's degree (93.3 %). The level of primary school health of Bangkok health centers, was "good" for 53.3 % of health centers and "need improvement" for 46.7 %. Concerning Administration resources, manpower was insufficient (56.7 %), budget level was either "good" or "need improvement" (50% each). Overall equipment needed improvement (60 %); quantity of equipment needed improvement (53.3 %) but quality and requisition were good (56.7 % and 58.3 %, respectively). By One -Way ANOVA it was found that difference in manpower (school trained workers) and quantity of equipment caused difference in primary school health performance ($P < 0.05$). The administration processes used by school health officers were at low level (83.3%). Planning and controlling were both at good level (66.7 %). Administrative process was positively correlated to primary school health performance of health centers ($P = 0.04$). With the respect to the result of stepwise multiple regression analysis, administration process and manpower were reliable factors for predicting primary school health performance of Health Centers, Bangkok with a predictive capacity of 22.4 percent.

Therefore, administrators ought to support school health officers to develop school health program with improved administration processes. Administrators should also give responsibility- appropriate decision making power to the officers. Health workers should be trained how to use stethoscope and otoscope. The most important factor is to achieve good coordination and cooperation between all parties involved.