

Thesis Title                      Knowledge and Practice of Private Car Drivers  
   Regarding Prevention of Air Pollution Caused  
   by Traffic in Bangkok Metropolis

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#### ABSTRACT

The purpose of this research was to examine the level of knowledge and practice of private car drivers, regarding the preventions of traffic-caused air pollution, as well as to determine relevant factors affecting this knowledge and practice.

The methodology involved administering questionnaires to 440 private car drivers in Bangkok metropolis. Data was analyzed using the SPSS-X computer program, which yielded descriptive statistics, as well as utilized the one-way analysis of variance, the Pearson product moment correlation and multiple classification procedures.

of knowledge concerning prevention of traffic-caused air pollution. Factors found to be related to the level of knowledge included level of education, source of mass media guidelines concerning car engine care.

2. Most private car drivers reported an average level of preventive practice regarding traffic-caused air pollution. Factors found to be directly related to the level of preventive included number of years driving car, marital status, source of mass media guidelines concerning car engine care, while age was found to be a covariate factor.

3. A significant positive relation between knowledge and practice was found ( $p < 0.001$ ).

4. A significant positive relationship between two independent variables (i.e, age, number of years driving car) and practice was found ( $p < 0.001$ ).

### Recommendation

Private car drivers should be encouraged to follow preventive practices regarding traffic - caused pollution. This can be in the form of educational campaigns designed to reach the public at all levels of education and occupation. Mass media sources could include radio, television as well as car and fuel dealer companies.