

**FACTORS RELATED TO MOTORCYCLE ACCIDENTS AMONG  
MOTORCYCLE RIDERS IN SALAYA, PHUTTHAMONTHON  
DISTRICT, NAKHON PATHOM PROVINCE, THAILAND**

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**ABSTRACT**

This study was a cross-sectional descriptive study aimed to determine factors related to motorcycle accidents among motorcycle riders in Salaya Municipality, Phutthamonthon district, Nakhon Pathom province, Thailand.

From January 4-31, 2005, 210 motorcycle riders in Salaya Municipality were randomly selected and interviewed with a structured questionnaire. Three sets of data were gathered. First was socio-demographic data on respondents' age, gender, marital status, educational level, occupation, income, purpose of driving, driving license and driving experience. The second set was about risk behaviors such as drinking alcohol, drug use, helmet use and driving speed. The third set was the physical factors.

The study revealed that young male riders aged between 18-29 years with low education background possession of the driving license, less than 5 years driving experience, and riding for work-related purposes were more likely to be involved in accidents. Among the risk behaviors, alcohol and high speed were associated with motorcycle accidents. Among the physical factors, road and vehicle conditions and people breaking the rules were associated with motorcycle accidents.

**KEY WORDS: FACTORS RELATED/MOTORCYCLE ACCIDENTS**

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