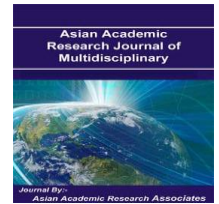




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## **INCIDENCES AND IMPLICATIONS OF ROAD TRAFFIC ACCIDENTS AMONG COMMERCIAL MOTORCYCLISTS IN EMBAKASI AREA, NAIROBI COUNTY**

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### **Abstract**

This paper uses data collected for an MA Thesis on incidences and implications of road traffic accidents among commercial motorcyclists in Embakasi area in Nairobi County, Kenya. This study has been necessitated by the continued and rising cases of motorcyclist's accidents in the Embakasi. The study sought to examine the incidences and implications of road traffic accidents among commercial motorcyclists in Embakasi area in Nairobi County by gathering information on the prevalence of road traffic accidents among commercial motorcyclists, factors responsible for road traffic accidents among commercial motorcyclists, and implications of road traffic accidents among commercial motorcyclists in Embakasi area. Research findings obtained revealed that, motorcycle accidents were prevalent in the study area, resulting in different levels of injury ranging from slight to serious. In addition, this study established that, most of the motorcycle accidents were attributed to preventable human error that ranged from over speeding (93.7%), wrong overtaking (63.5%), drunkenness (26.8%), overloading (19.0%) among others. Implications of the motorcycle accidents included burdens of medical costs, injury, loss of livelihoods and death. The study recommends increasing advocacy around personal safety and responsibility by commercial riders on accident prevention that includes active identification of accident risk factors resulting in the development of joint, commercial motorcycle rider-owned solutions. The study recommends strengthening of both national and county transport policies and legislation; thereby enhancing preventive rider and pedestrian safety measures that may include motorcycle rider training.

**Key words:** Accident, Boda-boda Operator, Incidence, Motorcycle, Risk behavior, and Road safety

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