

Assessing the impact of night travel policy on road traffic safety for commercial passenger buses in Tanzania

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Background: In road safety research, bus crashes are particularly noteworthy because of the large number of bus passengers involved and the challenge that it puts to the road network (with the closure of multiple lanes or entire roads for hours) and the public health care system (with multiple injuries that need safety is high in cities heavily relying on buses as a major means of public transport, recent policy to be dispatched to public hospitals within a short time). The significance of improving bus change by the Tanzanian Land Transport Regulatory Authority (LATRA) allowing commercial passenger buses to operate at night has sparked concerns regarding its potential impact on road safety

Methods of data collection: The research uses the survey method, and questionnaires as the research instrument and perform data collection through the use of questionnaires, to the drivers of commercial passenger buses traveling from Dar es Salaam to all other regions of Tanzania to assess the impact the policy will have on the road traffic safety.

Data analysis: The data obtained from the questionnaires are analysed using descriptive statistics. Descriptive statistics are used to describe the characteristics of sample sets such as percentage, mean, average, range, standard deviation, and variance. Microsoft Excel was used to obtain the proportion of each question from the collected data.

Expected results: The night travel policy is associated with an introduction of measures for its effectiveness, hence from the drivers' answers the research expects to know how the drivers understand and how they follow measures implemented by the Tanzanian Land Transport Regulatory Authority (LATRA) while driving at night, driver's thoughts on the night travel such as how they feel about it, problematic areas on the routes they are taking, what precautions they are taking while driving at night, driver's thoughts on challenging or risk safety factors for night driving and their thoughts on what measure should be implemented to make night travel safe, identification of the barriers to the effective utilization of road signs and markings among the drivers