

**COMPREHENSION OF TRAFFIC CONTROL DEVICES AMONGST URBAN
DRIVERS - A STUDY OF ADO-EKITI, EKITI STATE, NIGERIA**

Makinde, Opeyemi Oluyemisi
Rufus Giwa Polytechnic, Owo, Ondo State
NIGERIA
yemikanye@yahoo.com

Oluwasegunfunmi, Victor
Rufus Giwa Polytechnic, Owo, Ondo State
NIGERIA
ogunsakinvector@yahoo.com

ABSTRACT

Traffic control devices aim to regulate and control traffic by providing information about the road and its environment for road users in order to promote safety. This paper elucidates on the understanding of traffic control devices as a safety measure in controlling traffic problems relative to accident occurrences. This study investigated the understanding of traffic control devices by drivers in the city of Ado-Ekiti with respect to their personal characteristic such as age, gender, educational background and marital status. A total of 32 symbols which includes traffic signs of eight warning signs, 10 regulatory signs and 6 informatory signs, 5 road markings and 3 traffic signal lights were investigated. The analysis showed that there is a low understanding of traffic control devices by drivers. The overall average percentage of drivers who correctly understood the traffic control device investigated was 64.5%. From the study, education is an important factor in the understanding of traffic control devices while age and gender were of no effect. The statistical analysis at 5% significance further proved that education and understanding of traffic control devices are dependent on each other.

Keywords: Comprehension, traffic control device, traffic safety, drivers' characteristics.