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Author(s): Araoye Olarinkoye Ajiboye, Olusola Joseph Kolawole, Adeola Adebajji Adebajo

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Assessment of Statutory Duties of Federal Road Safety Corps at Reducing Crashes and Carnages in Ibadan, South-western Nigeria

Araoye Olarinkoye Ajiboye^{1*}, Olusola Joseph Kolawole² and Adeola Adebajji Adebajo²

¹Transport Management Technology Department, School of Entrepreneurship and Management Technology, Federal University of Technology, Minna, Nigeria

²Transport Management Department, Faculty of Management Sciences, LadokeAkintola University of Technology, Ogbomosho, Nigeria

Abstract

The recent road crashes along main routes in Oyo State have drawn the attention of people to the roles and statutory responsibilities of the Federal Road Safety Corps (FRSC). Therefore, this research was established to assess statutory duties of FRSC at limiting road crashes in Oyo State. This work was limited to 3 Local Government Areas (LGAs) out of 11 LGAs that made up Ibadan and its environs. The study adopted the simple random technique using well-structured questionnaires to elicit information on the statutory duties of FRSC as one of the road transport enforcement agencies in Nigeria. Out of one hundred and ten (110) respondents ranging from commercial drivers, private vehicle owners, commercial motorcyclists, commuters, and road accident victims, 103 questionnaires were retrieved and found analysable. The collected data was analysed through descriptive data analysis. Out of 22 statutory duties of Federal Road Safety Corps, only seven were discharged effectively. It can then be inferred that the operational performance of the FRSC is not satisfactory. Therefore, this study recommends that the authorities should give prompt medical attention and care to accident victims on the road, enforce speed limits with the use of speed limit devices. The use of mobile phones while driving should be discouraged and the use of seatbelts should be promoted. At the same time, individuals, NGOs, and corporate bodies should be given a free hand to contribute to the reduction of road accidents. The use of sirens, beacon lights, and flashers should be well controlled, and the war against fake drivers' license should be enhanced.

Keywords: road safety, crashes, Carnage, FRSC, duties

Introduction

Road transportation system plays a significant role in the socio-economic development of most nations by facilitating the effective movement of people,

*Corresponding author: araoyeoajiboye@gmail.com

goods, and services from one geographical location to another (Ajiboye [2011](#); Gbadamosi & Adenigbo, [2017](#)). However, most parts of the world are facing challenges as a result of road transportation (Siyan et al., [2015](#); Agbigbe, [2016](#)). These include traffic congestion, pollution and traffic accidents (Raji & Solanke, [2013](#); Raji, [2014](#), [2016](#); Albalate & Fageda, [2019](#)).

The World Bank ([2018](#)) reported that most countries in the world experienced a high rate of road accidents and 90% of the road traffic fatalities in the world occurred in the developing countries. The rate of occurrence and level of fatality of road accidents in the world is so high that about 1.35 million deaths and 20 to 50 million extremely wounded are recorded annually and it is one of the major causes of death amongst young people between 5 and 29 years (WHO, [2018](#); World Bank, [2018](#)). The World Bank Report on road safety also indicated that one-quarter of every road accidents in Africa occurred in Nigeria (World Bank, [2018](#)). In Nigeria alone, about 2,699 people were killed, 18,198 persons injured and 5,423 crashes were recorded on Nigerian roads between January and June 2019 (FRSC, [2019](#)). Based on all these, Raji and Solanke ([2013](#)) declared that road transport is one of the most unsafe and costly to human beings among the various modes of transport.

Nigeria depends heavily on road transport due to the inability of other modes to complement road transport in performing both economic and logistics functions. The overuse of roads has posed a massive threat to both road users and its providers, causing damage to lives and properties due to an increasing number of accidents. Road transportation has externalities that emanate from the use of transport, and its effects on others. Ineffective use of road transport often leads to accidents which also result in the loss of lives and properties to the road and non-road users. Furthermore, it also results in a delay to other road users and loss of man-hours among others (Stephens et al., [2015](#)). For the full benefits of road, transportation to be enjoyed by the society in general and the users in particular and the externalities minimised, all roads must be kept safe. In achieving this, the Federal Road Safety Corps (FRSC) was set up by the Federal Military Government to formulate safety policies for the use of certain roads, regulate their usage, and also maintaining and ensuring that all the roads are safe. It was established based on Decree 45, 1988, as amended by Decree 35, 1992 (FRSC, [2019](#)). Despite government measures at reducing road transport accidents that result in loss of lives and properties through the provision of road infrastructure and the provision of rules and regulations that governed motorists of all categories, the road traffic management system is characterised with poor performance in the areas of low level of service, inadequate vehicle administration, inefficient traffic, and safety regulations and pitiable physical condition of vehicles (Gopalakrishnan, [2012](#); Gana & Emmanuel,

[2014](#);WHO [2004](#); Agyapong & Ojo, [2018](#)). In recent times, there was an argument that frequent road accidents occurrence on the roads of Oyo state was becoming worrisome. This was attributed, majorly, to human error and inadequate enforcement of specific rules and regulations compliance. Therefore, the study was conducted to assess the statutory duties of the FRSC, a body with the primary mandate to ensure safety on Nigerian Federal roads.

Review of Literature

There are researches on the safety of roads that have been carried out in the world in general and in Nigeria in particular (Whitelegg,[1983](#); Sunmaila,[1992](#); CARRS – Q,[2007](#); Mahmud & Hoque, [2011](#); Sunmola, [2012](#); Alade,[2012](#); Filibus, [2012](#); Badejo,[2014](#); Faniran & Bello, [2014](#); Sunmola, [2014](#);Raji et al.,[2014](#);Edorhe, [2014](#); Stephens et al., [2015](#); Adenigbo et al.,[2016](#)); Gbadamosi & Adenigbo, [2017](#); Ojekunle et al., [2017](#))and Yusuf et al. ([2018](#)) as well as Babalola ([in press](#)).

Whitelegg ([1983](#)) argued that Road Traffic accidents will continue to be a severe challenge globally if the misconception of blame apportioning, responsibilities, or engineering inadequacies continued to be used to explain RTAs. In Nigeria, as far back as 1992, Sunmaila ([1992](#)) has started advocating for national awareness and discussing the road traffic accident problems in Nigeria and why aggressive and careless drivers are more likely to be involved in road crashes. These drivers are mostly young, frustrated, and have no regard for other road users. Furthermore, they are weakened by drugs and alcohol while they are also engaged in other dangerous exercises, which include unlicensed driving, speed driving, underage driving, and driving without a seatbelt according to CARRS –Q ([2007](#)).

Road safety awareness and research should be increased according to Mahmud and Hoque ([2011](#)) in order to deal with the challenges resulting in traffic accidents, injuries, and property loss which are critical problems in less developing nations. They went further to point out some of the constraints that face Road Safety Research (RSR) in less developing nations, such includes, institutional weakness, limited resources, unprofessional capacity, and expertise as well as wrong policy. Others are the absence of cooperation and support, inadequate integration between concerned agencies, the inadequate partnership between private and government sectors, international linkage deficiency, and weak data system for recording accidents as well as weak political support and commitment. Alade ([2012](#)) and Filibus ([2012](#)) both discussed the roles of Vehicle Inspection Officers in the authentic motor vehicle roadworthiness certification and enforcement at the Federal Capital Territory, Abuja, Nigeria which was based on their personal experience and exposure.

According to Filibus (2012), vehicles are supposed to be maintained and driven by owners by following the road traffic regulations while the regulations entail explicit criteria of proficiency of most mechanical apparatuses of a vehicle to ascertain the level of its safety. Such components include the brakes, exhaust pipes, horns, lights, mirrors, steering, tires, windscreen, wipers, etc. Sunmola (2012) assessed the safety measures put in place by the FRSC RTA prevention in Lagos and Oyo States of Nigeria. On the other hand, Badejo (2014) assessed the urgency of road safety in Nigerian development and Faniran and Bello (2014) also examined the behavioral attitude of drivers due to in-car distraction in Oyo State, Nigeria. Also, Raji et al. (2014) examined the awareness and compliance of road users to the use of pedestrian crossings in Lagos, Nigeria While Edorhe (2014) looked at the issue of adherence to road safety policy on overloading by the commercial drivers in Akure. Furthermore, Sunmola (2014) assessed the impact of FRSC's public enlightenment programs on the behavior of commercial drivers in urban centers of Nigeria, and Stephens et al. (2015) examined the degree to which road users obey the policy of the FRSC on seat belt usage while driving in Nigeria, while Adenigbo et al. (2016) on the other hand looked at the various Challenges facing the sustainability operations of Vehicle Inspection Officers in Abuja, Nigeria.

On the other hand, Gbadamosi and Adenigbo (2017) examined the contribution of Vehicle Inspection operations to the traffic system in Abuja, Nigeria, and suggested that the Inspection Officers must inspect the components of vehicles properly before the vehicle registrations are done. Ojekunle et al. (2017) analysed road users' perception of road safety in Minna, Niger State, Nigeria, and Yusuf et al. (2018) analysed the trends, challenges, and forecast of road traffic accidents in Nigeria while Babalola (in press) discussed the trends and distributions of road traffic crashes and injuries in Nigeria between 2013 and 2016.

Despite all structures put in place by the governments in Nigeria, some researchers Otuyemi (2006), Filibus (2012), Alade (2012), Raji (2014), and Lagos State Ministry of Transportation (2015) has observed that the rate of road crashes occurred in the country is high and worrisome; this is mostly due to unworthiness of the vehicles involved. Therefore, of all the agencies set up by the government in charge of safety on Nigerian roads, the agency saddled with Road Worthiness (RW) and the certification of automobiles in Nigeria is the Vehicle Inspection Service/Officer (VIS/O). However, their effectiveness is questionable as many unworthy vehicles are on the roads across the length and breadth of the nation.

Based on these assertions, the FRSC was established by the Federal Military government. Since the establishment, few pieces of literature exist on the

assessment of the statutory duties of FRSC at reducing road crashes and carnages on the federal roads in Ibadan, South-western Nigeria; an agency with the primary mandate to ensure safety on the federal roads in Nigeria.

Legal Functions of FRSC

The following are the statutory-legal functions of FRSC by the Federal Government of Nigeria:

- Making the roads safe for road users and motorists.
- Recommending devices and works in order to minimize and eliminate crashes on the roads and advising the Federal and State Governments including the Federal Capital Territory Administration and relevant governmental agencies on the locations where such devices and works are vital.
- Educating and enlightening motorists and the general public on the significance of highway discipline.
- Prevention or minimising of accidents on the highway.
- Removing of blockades on the highways.
- Educating and enlightening drivers, motorists, and the general public on the appropriate usage of the highways.
- Designing and producing a driver's license
- Determining the special requirements to be satisfied by the applicant for the issuer of a driving license.
- Designing and producing vehicle number plates.
- Standardisation of highway codes.
- Ensuring that accident victims get a quick response and adequate medical care.
- Conducting researches into causes and methods of avoiding motor accidents as well as putting the result into use.
- Determining and enforcing speed limits for all categories of road users and vehicles and controlling the use of speed limiting devices.
- Cooperating with bodies or agencies or groups in road safety activities on the avoidance of road crashes.
- Making rules in the enactment of any of the statutory functions assigned to the Corps.
- Regulating the use of beacon lights, flashers, and sirens on vehicles apart from ambulances, the Military, and Paramilitary agencies.
- Providing roadside and mobile clinics for the first aid treatment of crash victims at no cost.
- Regulating the use of mobile phones and other similar gadgets by motorists.

- Regulating the usage of seat belts and other safety devices by motorists.
- Regulating the habit of riding motorcycles on the expressways.
- Maintaining the validity period for drivers' licenses which shall be three years subject to renewal at the expiration of the validity period.

Source: FRSC (2019)

Study Area

The study was carried out in Ibadan, the Oyo state capital. It is the third-most populous city in Nigeria with a population of 7,840,900 (National Population Commission, 2020; National Bureau of Statistics, 2020). Ibadan is located in the South-Western part of Nigeria. It is about 119 kilometers (74 miles) Northeast of Lagos and 120 kilometers (75 miles) east of the Nigerian international border with the Republic of Benin. The city ranges in elevation from 150m in the valley area to 275m above sea level on the major north-south ridge which crosses the central part of the city (Inyang, 2018).

Ibadan has eleven local government areas with five located in the Metropolitan area and the rest six in the lesser city. The eleven local government areas in the study area include Akinyele, Egbeda, Ibadan North, Ibadan North-East, Ibadan North-West, Ibadan South-East, Ibadan South-West, Ido, Lagelu, Oluyole, and Ona Ara (Olamijulo, 2013). The choice of Ibadan was borne out of the traffic situation of the city, which is congested, chaotic, and in the hands of touts. However, the study was limited to three (3) Local Governments; Egbeda, Ibadan South-West, and Ibadan North-East.

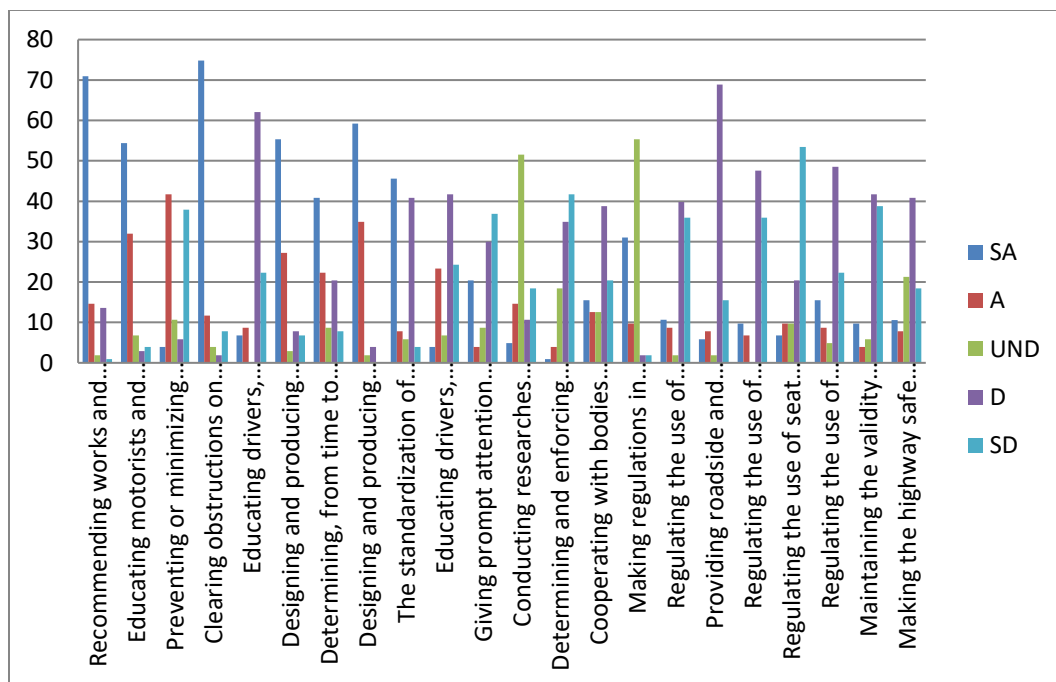
Methods

The study was centered on the frequent operations of FRSC in Ibadan, Oyo State. The data on discharged duties of FRSC was collected from several respondents comprising of commercial drivers, private vehicle owners, commercial motorcyclists, public commuters, and a number of accident victims, using well-structured questionnaires. The questionnaires covered 110 respondents; 30 Commercial drivers, ten private vehicle owners, 20 commercial motorcyclists, 45 commuters, and five road accident victims. The respondents were selected using the incidental sampling technique except for the respondents from the hospital who were chosen by simple random technique. The data collected from the respondents were analysed through the descriptive. Out of one hundred and ten (110) questionnaires distributed, one hundred and three (103) were retrieved and found analysable. Five-point Likert scale of Strongly Disagree (SD), Disagreed (D),

Undecided (UND), Agreed (A), and Strongly Agreed (SD) was used for this study. A five-point scale was used for people to identify their opinion quickly.

Figure 1

Rating the Statutory Duties of the FRSC at Reducing Crashes and Carnages in Ibadan



Findings and Discussions

- One of the significant statutory roles of the FRSC is to recommend devices designed and works that will minimise or eliminate road crashes. Furthermore, they are to advise the governments and relevant agencies on the location where such devices and works are required. From the analysis of the answers of the respondents on whether the FRSC is performing the above function, 70.9% of the respondents strongly agreed and 0.9% strongly disagreed while 1.9% was undecided. Furthermore, 11.7% of the respondents disagreed and 14.6% agreed. It is therefore significant that the FRSC is performing this role.
- On educating and enlightening the motorists and general public on the impact of discipline on the highway, 54.4% of the respondents chose Strongly Agreed, 32% Agreed, 6.8% undecided, 2.9% disagreed and 3.9% strongly

disagreed. This particular study intensifies the efforts of FRSC in the enlightenment campaign in order to inculcate good traffic culture.

- One of the functions of the FRSC is to avert or reduce accidents on the highway. The analysis shows that 3.9% of the respondents strongly agreed to this function, 41.7% chose agreed, 10.7% undecided, 5.8% disagreed and the remaining 37.9% strongly disagreed. The relatively high proportion of negative results shows that the FRSC personnel need to improve on their activities regarding preventing or minimising accidents on the highway.
- Removing obstructions and blockades on any part of the highways is also one of the significant statutory roles of FRSC. From the analysis, 74.8% of the respondents evaluate this as strongly agreed on the performance role of the FRSC. Other results are 11.7% agreed, 3.9% undecided, 1.9% disagreed and 7.8% strongly disagreed.
- Another vital role of FRSC is in the area of educating and enlightening the drivers, other motorists, and the general public on the appropriate use of the highways. From the analysis of the performance of FRSC to this vital role, 6.8% of the respondents chose strongly agreed, 8.7% chose agreed, 62.1% chose disagreed, and 22.3% chose strongly disagreed. This indicates that the FRSC has not been performing this role satisfactorily to the general public, and they need to improve on it.
- The designing and production of driving licenses for the use of various categories of drivers and vehicle operators is also a function of FRSC. However, 55.3% of the respondents strongly agreed to this function, 27.2% agreed, 2.9% undecided, 7.8% disagreed, and 6.8% rate it as strongly disagreed. FRSC is doing a great job, but they can improve upon the present circumstance.
- Another critical function of the FRSC is to determine the special requirements to be satisfied by the applicant for the issuer of a driving license from time to time. The analysis of the respondents' views shows that 40.8% of the respondents' rate this as strongly agreed, 22.3% chose agreed, 8.7% were undecided, 20.4% chose disagreed and the remaining 7.8% strongly disagreed. This is a relatively good performance from the FRSC, but they can remove all the lapses.
- The designing and production of vehicle number plates are also one of the primary functions of FRSC. The analysis of the respondents shows that 59.2% of them rate this function as strongly agreed, 34.9% agreed, 1.9% undecided, and 3.9% disagreed. This implies that the FRSC is doing an outstanding job on the designing and production of plate numbers.

- The standardization of highway traffic codes is also one of the primary functions of FRSC in Nigeria. Among the respondents, 45.6% of them chose strongly agreed, 6.8% chose agreed, 5.8% are undecided, 37.9% chose disagreed and the last 3.9% chose strongly disagreed. This is a good record of achievement on the part of FRSC.
- Educating and enlightening the drivers, motorists and the general public on the proper use of the highways is a unique function of FRSC. The analysis shows that 3.9% of the respondents' rate this function as strongly agreed, 23.3% chose agreed, 6.8% are undecided, 41.7% of the respondents evaluate this as disagreed and 24.3% go for strongly disagreed. The high percentage of disagreed and strongly disagreed responses clearly shows that the public is not happy with the performance of FRSC on this.
- Ensuring that accident victims get a quick response and adequate medical care is another critical life-saving function of the FRSC. The analysis shows that 20.4% of the respondents chose strongly agreed, 3.9% agreed, 8.7% undecided, 30% disagreed and 36.9% of the respondents chose strongly disagreed. The implication is that many people are not happy with the ways the FRSC is performing this role, and they need to improve on it.
- Researching into the factors responsible for road crashes and finding ways of averting them as well as putting the result of the researches into use by all is a multi-functioning role of the FRSC. However, the analysis of the reactions of the respondents shows that only 4.9% of the respondents strongly agreed to this, 14.6% chose agreed, 51.5% undecided, 10.7% disagreed and the remaining 18.4% strongly disagreed. This implies that the general public has not felt the impact of the Department of Research and Planning of FRSC as accident rates are increasing on Nigeria's roads.
- Another role of FRSC is the determination and enforcement of speed limits for all classes of vehicles and road as well as monitoring the speed limit devices usage. However, the analysis of the respondents shows that only 0.9% of them strongly agreed with this function. Furthermore, 3.9% agreed, 18.4% undecided, 34.9% disagreed, and 41.7% of them chose strongly disagreed while 77% disagreed with the performance of this statutory role of FRSC, it then means that the FRSC still have a lot to win the support and confidence of the general public.
- Intergovernmental agencies' cooperation with stakeholders in road safety activities and the stoppage of road crashes on the highways within and outside the country is another prominent duty of FRSC. About 15.5% of the respondents chose strongly agreed to this function, 12.6% did agree, 12.6%

were undecided, 38.8% disagreed with this function and the remaining 20.4% chose strongly disagreed. This reveals that FRSC has been cooperating with individuals, NGOs, and Intergovernmental agencies both within and outside the country. However, the general public will want more impact on this relationship.

- One of the legal duties of the FRSC is the making of regulations under the Act. 31% of the respondents strongly agreed, 9.7% agreed, 55.3% undecided, while 1.9% chose disagreed and strongly disagreed respectively. With 53.3% of the respondents' undecided in their voting pattern, it means that the general public has not realized the importance of this role of FRSC.
- Regulation on the usage of beacon lights, flashers, and sirens on vehicles apart from ambulances, the Military, and Paramilitary agencies is also one of the statutory roles of FRSC. The analysis of the respondents' shows that 10.7% strongly agreed to this function, 8.7% agreed, 1.9% undecided, 41.8% disagreed and 36.9% strongly disagreed with this function. However, this implies that about 78% of the respondents did not agree that the FRSC performed this role very well as there are many unauthorized users in the country.
- The provision of roadside and mobile clinics for the first aid treatment of road crash victims is one of the life-saving functions of the FRSC. However, from the analysis of the response rate of the respondents, 5.8% of them rate this as strongly agreed, 7.8% agreed, 1.9% undecided, 68.9% disagreed and 15.5% strongly disagreed. There should be more mobile clinics with functional equipment and staff across the nation.
- The regulation on the usage of mobile phones and other associated gadgets by motorists is one of the functions of FRSC. 9.7% of the respondents strongly agreed to this, 6.8% agreed, 47.6% disagreed, and the rest 35.9% strongly disagreed. This implies that the FRSC has not been able to achieve much from this as there are many people still using mobile phones to phone, and, text while still driving.
- The regulation on the usage of safety devices and seat belts by the FRSC. This is one of the statutory roles of FRSC in Nigeria. From the analyses of the response of the respondents, 8% of the respondents chose strongly agreed, 9.7% chose agreed and undecided respectively, and 20.4% disagreed, while the rest 53.4% of the respondents strongly disagreed with the role. This result implies that the FRSC needs to enlighten, educate, and enforce the use of safety devices including seat belts irrespective of age, sex, and socio-economic status.

- The regulation on the habit of riding motorcycles on the expressways is also one of the functions of FRSC. Out of the respondents interviewed, 15.5% strongly agreed, 8.7% agreed, 4.9% undecided, 48.5% chose disagreed, and 22.3% strongly disagreed. With the high number of motorcycles on Nigeria's roads and their problems associated with them, the FRSC needs to do more.
- The maintenance of the three years validity period for the renewal of drivers' licenses at the end of the expired time is also one of the legal functions of FRSC. The analysis of the response of the respondents show that 9.7% of them strongly agreed with this function, 3.9% agreed, 5.8% undecided, 41.7% disagreed with the function and 38.8% strongly disagreed. This performance is very poor as many drivers and riders are not with a valid driver's license.
- In conclusion, making the roads safe for road users and motorists is another principal function of the FRSC in Nigeria. The analysis of the response of the respondents shows that 10.6% strongly agreed, 7.8% agreed, 22.4% undecided, and 40.8% disagreed with the function and the last 18.4% strongly disagreed. This analysis revealed that the roads in Nigeria are not safe generally, and Ibadan in particular.

Conclusion and Recommendations

This study was carried out to assess the statutory duties of the Federal Road Safety Corps at reducing crashes and carnages in Ibadan, South-Western Nigeria. The study was based on accident rates that the road users face in plying Nigerian roads despite the establishment of FRSC in securing road users from accidents. The study rates each statutory duty of FRSC and the rate of discharging their functions on the road. Each statutory duty has a corresponding role in reducing road accidents. The survey method was used in the gathering of data for this study by asking the respondents to rate the functions of FRSC based on the perceptions of the road users. It captures the issues surrounding the menace of road accidents on Nigeria's roads in general and Ibadan in particular. Safety of roads will not be complete if the road users and road safety agencies fail to discharge their roles effectively. Out of 22 statutory duties of Federal Road Safety Corps, only seven were effectively discharged by the FRSC officials according to respondents. It can then be inferred that the operational performance of the organization is not satisfactory enough.

With the analysis of the response of the respondents, these recommendations were made. Amongst them are, the authorities should step up in giving attention and care to accident victims instead of putting their burden on the family of the victim to bear. Prompt medical treatment should be provided to accident victims

and further assistance from the government and its agencies. Training of paramedics, provision of first aid treatment and ambulances, quick communication network, and emergency care for immediate medical treatment outside hospitals will reduce road accidents death rate.

The compulsory use of speed limit for all road users and vehicles as well as the control of the use of speed limit devices will help to identify areas that need improvement and also figure out the services that are paramount to motorists and other road users. Among the significant results of this study is that most road users are careless about the use of mobile phones while driving, and driving without the use of seatbelts while there is less enforcement by the road safety officers. It is one thing to have rigid laws promulgated on paper; it is another thing to get those laws off the pages and make it work. Without law enforcement, the law that forbids using mobile phones while driving and driving without seatbelts would be considered a joke. Road safety activities and events or stoppage or minimising of accidents on the roads should not be limited to FRSC alone. Individuals and corporate bodies, including the NGOs as well as the government agencies, should be allowed to contribute their quota to road accident reduction campaign. Furthermore, all forms of rivalry among government agencies should be stopped while making regulations in undertaking the statutory duties assigned to the FRSC by the Act of the Federal government of Nigeria.

The government agencies that regulate the use of beacon lights, flashers, and sirens should be up to the task without getting confused about their duties. The FRSC personnel should have a better knowledge of FRSC law, and the formulation of their regulations on the roads should be avoided. The law should restrict motorcyclists from: riding without wearing a standard protective helmet; carrying pregnant women; carrying a person in front of the motorcycle and; carrying a child below the age of twelve years. Waging war against fake drivers' license production for motorists by corrupt elements in the Commission should be carried out.

The Commission should, therefore, consider this result as an incentive to deliver essential duties they were being commissioned for and consistently reconsider the need to reduce road accidents to a minimum. Hence, the knowledge from this study would lay a good ground for further research on the expectations of the road users and will also help the Commission to target the suitable punishment for road offenders and making the roads accident free. In contrast, future studies should focus on corruption among road agencies.

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