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العنوان :

دور التشريعات المرورية في تعزيز استخدام حزام الأمان في المملكة العربية السعودية

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Title in English

**The role of traffic legislation in promoting seat belt use in the Kingdom of
Saudi Arabia**

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Abstract

Considering the dangerous escalation of traffic accidents and their tragic outcome, Saudi law, like other legislation, has given great importance to traffic accidents due to their seriousness and the huge losses that result daily from them, whether material or human, and the resulting social and economic effects on the individual and society. Therefore, it was necessary the matter is to provide legal protection, whether tribal, represented by deterrent legislation to reduce and limit traffic accidents and protect road users from the risks resulting from them.

This study focuses on the role of traffic legislation in promoting seat belt use in the Kingdom of Saudi Arabia. This study was classified into qualitative research. The sample was selected from 50 employees, and the method was random. The data was analyzed using a questionnaire. The results of data analysis showed that traffic legislation has an effective role in promoting seat belt use.

Chapter One

Introduction:

Traffic safety in its broad sense aims to adopt all plans, programs, traffic regulations and preventive measures to reduce the occurrence of traffic accidents in order to preserve the

safety of lives and property, the security of the country, and its human and economic components. The focus of traffic safety is represented by three elements: the vehicle, the road, and the human element. The General Traffic Department has devoted its efforts to achieving traffic safety on the roads by raising traffic awareness among vehicle drivers, adhering to traffic regulations, reducing violations, and addressing incorrect traffic behaviors, as well as reducing traffic accidents and reducing dangers on the roads.

Commitment to wearing a seat belt while driving plays a crucial role in reducing the risk of road accidents and preserving the safety of drivers and passengers. Therefore, the General Traffic Department raises awareness among citizens about the importance of wearing a belt and encourages them to comply with this safety measure. If the driver does not comply with this basic road safety law, discretionary measures are applied, including the imposition of a fine. Responsible driving and adherence to traffic laws are vital to ensuring our safety and the safety of others on the roads. Among these laws, there is a common violation related to wearing a seat belt. In this research, we will look at the role of traffic legislation in promoting seat belt use in the Kingdom of Saudi Arabia and their importance in enhancing road safety.

Statement of Problem

The problem of traffic accidents has become a problem that worries many communities across the board Saada, but it went beyond that to become a major cause of death for many community members In general, as many studies indicate that The main cause of traffic accidents involving school students is due to a clear weakness in culture Traffic as well as traffic education, as studies have shown that the human factor constitutes what 86% of the causes of accidents (Hussein, 2013), and some have shown Studies lack interest in traffic safety concepts included in school curricula A study (Al-Ruwaished, 2009), and a study (Ababneh and Al-Hayari, 2009), as studies have shown There is a lack of awareness and traffic culture among individuals

Ensuring the safety of people in vehicles is extremely important, and one of the main ways to achieve this is by properly wearing seat belts. The safety of individuals wearing seat belts is a topic that cannot be overlooked, because it can significantly reduce the risk of injuries or deaths in the event of an accident.

Seat belts are an essential safety feature in every vehicle, playing a crucial role in protecting passengers during accidents. However, not all seat belts are created equal, and understanding the different types and features can help you choose the right seat belt for your needs.

Research objective:**Practical importance:**

This research will provide new insights into traffic legislation specifically on its ability to promote seat belt use in the Kingdom of Saudi Arabia.

Through this research, the community will be more aware of promoting seat belt use, especially by raising awareness about the importance of wearing seat belts and providing education on safe driving practices.

Furthermore, the analysis presented in this study will convey valuable information for future research that will explore traffic legislation specifically on its ability to promote seat belt use in the Kingdom of Saudi Arabia.

Scientific importance :

- Highlighting the role of relevant legislation in promoting seat belt use
- Harmful effects of not using a seat belt
- Financial violations resulting from not using a seat belt.

Research Questions

- What is the role of relevant legislation in promoting the use of seat belts?
- What are the harmful effects of not using a seat belt?
- What are the financial violations resulting from not using a seat belt?

Definition of Terms

Traffic legislation: It is a set of laws, regulations, and signs that regulate the traffic of vehicles, drivers, passers-by, and all road users, and imposes punishment on every violator.

seat belt: It is the most important step to protect yourself when an accident occurs.

Chapter Tow**literature Review**

Al-Ghamdi's study (2022) entitled: Traffic culture and its relationship to traffic accidents, an exploratory study in Jeddah Governorate. This study aims to know the meaning of traffic culture and its importance in supporting the traffic system and its relationship to traffic

accidents. The study used the descriptive approach, relying on a set of tools in collecting scientific material, the most important of which is Questionnaire: The sample size was 900 drivers who were selected according to the intentional sampling method. The study reached many results, the most important of which is that drivers do not inspect the vehicle on a regular basis, and a high percentage occupy themselves with various things while driving, such as smoking or using a mobile phone, etc., as I found. The study shows that those who do not use a seat belt while driving represent a not insignificant segment. Finally, we find that there are varying percentages among the sample members who are not aware of the traffic signals regulating traffic. All of these cultural and other factors affecting traffic accidents were found to be related to the age and level of education of the driver.

Aghlib's study, entitled "Traffic Accidents in the Zliten Region, Their Causes and Ways to Reduce Them," is a field study in the Zliten region (27), which aims to give a clear picture of the volume of traffic accidents, to indicate their trends, development, the extent of their seriousness, and to know the circumstances in which road traffic accidents occurred in the region. Study and show their spatial differences, whether on main roads, within residential neighborhoods, or side roads, find out the factors that cause traffic accidents, and know the places where accidents increase. The study sample amounted to (300) individuals and was distributed randomly to some drivers and some traffic policemen. In the study, the researcher relied on the descriptive approach, referring to the traffic and licensing offices in the region and adding to the questionnaire form.

The study reached the following results:

- 1- It was observed that speed, recklessness, lack of respect for others, and lack of respect for laws and regulations Road safety is the main feature for most drivers.
- 2- The study revealed that there are no traffic signals on the roads and the presence of random openings between them Roads, especially on the coastal road.

Study hypotheses:

Methodology

To achieve the objectives of the study and answer its questions, the analytical descriptive method was chosen. This method is based on describing a phenomenon to reach the causes of this phenomenon and the factors that control it, and to draw conclusions for generalization. The descriptive approach includes more than one method: the method of surveying, the

method of case study and these methods need the expertise and effort of the researcher, and the results should be interpreted carefully.

Study variables:

Dependent variable: traffic legislation

Independent variable: belt use

The limits of the study:

Objectivity border: The role of traffic legislation in promoting seat belt use in the Kingdom of Saudi Arabia

Spatial boundaries: traffic in the Kingdom of Saudi Arabia.

Time limits: Second semester of 2024

The study sample: 150 questionnaires were distributed about the role of traffic legislation in promoting seat belt use in the Kingdom of Saudi Arabia, and after retrieving and sorting them, it was found that we had 110 questionnaires suitable for statistical processing.

Used equipment's:

To facilitate field study procedures and obtain, collect, and analyze data to complete the field aspect for the study, a questionnaire was prepared in a way that helps collect data and its design was accurate, while the theoretical aspect was addressed.

Also, previous studies and the extent of clarity of the questions and phrases of the questionnaire to enable the sample members to answer About it objectively.

Statistical analysis methods used:

The statistical analysis method depends on the type of problem being measured and analyzed and the type of data.

Statistical methods adopted in the study.

First: descriptive methods:

- Frequency and percentages: to identify in detail the personal and functional characteristics of the study sample members.
- Arithmetic mean: This is to determine the attitudes of the study individuals towards each statement or dimension.

- Standard deviation: to identify the extent to which the responses of study individuals deviate towards each statement or dimension.

Second: Inferential methods:

- Cronbach's alpha reliability coefficient: This is to test the extent of reliability on the data collection tool used to measure Variables included in the study.
- Pearson correlation coefficient: To confirm validity and prove that the scale measures what it was designed to measure, the coefficient was also used Correlation to determine the relationship and correlation between study variables.

Reliability and internal consistency of the study tool.

In this part, we will try to identify the extent of reliance on the data collection tool in the study and analysis by measuring on the extent of its validity and reliability, by clarifying both the stability and internal consistency of its dimensions and axes as follows.

First: Calculate the Cronbach's alpha reliability coefficient

Through this part, we will attempt to show the extent of the questionnaire's stability and credibility for work on the topic by calculating Cronbach's alpha coefficient, where the alpha coefficient is greater than 0.6, the more valid the questionnaire is for the study.

Second: The internal consistency of the questionnaire.

Linear correlation matrix between the study variables by calculating the correlation coefficient between each dimension the variable and its total score for both the independent variable and the dependent variable.

Conclusion

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Appendix

1- Seat belts are one of the most important safety features in any vehicle. They are designed to keep passengers safe and reduce the risk of injury during accidents or sudden stops.

- Strongly agree.
- Agree
- Neutral
- Not agree.
- Strongly not agree.

2- Understanding the vital role of seat belts is crucial to ensuring our safety on the road.

- ☐ Strongly agree.
- ☐ Agree
- ☐ Neutral
- ☐ Not agree.
- ☐ Strongly not agree.

3- Seat belts also play a crucial role in preventing ejection from the vehicle during a collision.

- ☐ Strongly agree.
- ☐ Agree
- ☐ Neutral
- ☐ Not agree.
- ☐ Strongly not agree.

4- Modern vehicles are equipped with advanced occupant protection systems, which work in conjunction with seat belts to enhance safety.

- ☐ Strongly agree.
- ☐ Agree
- ☐ Neutral
- ☐ Not agree.
- ☐ Strongly not agree.