**TITLE**

The Reasons Behind The Rising of Urban Road Accidents in Dhaka, **Spring 18-19**.

**Prepared & Submitted by:**

Name: ID:

Shahrin binte ali 17-35970-3

Shakil Islam shomoy 18-36114-1

Samiya Rahman 18-36272-1

Sarmin Salma 15-28951-1

Nusrat jahan labonno 18-36688-1

to

**Course Teacher:**

**Amal Majumder**

**Date of Submission:**

18-04-2019

**American International University-Bangladesh (AIUB)**

April 18, 2019

Amal Majumder

Course Instructor

Business Communication

American International University Bangladesh

**Subject:** Submission of our report

Dear Sir,

We have the pleasure to submit our report titled “ The Reasons Behind The Rising of Urban Road Accidents in Dhaka”. The report gave us the opportunity to find out the reasons behind the rising of road accidents in Dhaka from the perspective of AIUB students who has been observing this city’s traffic system for quite a long time.

Our research was on the students of AIUB who travel through the different routs of Dhaka city and what is their thought behind the risings of road accidents in Dhaka recently. We gave them some questionnaire and interviewed some of them personally. We collected data according to their answers.

From the research we found that violation of traffic rules, overloading of transports on roads, permitting illegal driving license and unfit vehicles are some major cause for increasing road accidents in Dhaka.

We thank you for giving us the chance to do the report.

Yours sincerely,

Shahrin binte ali (17-35970-3)

Shakil islam shomoy (18-36114-1)

Samiya Rahman (18-36272-1)

Sarmin salma (15-28951-1)

Nusrat jahan labonno(18-36688-1)

PREFACE

In this report we tried to find out why is road accident happening so frequently in Dhaka . We

asked students about it and by getting some results from our questionnaire we found some

possible reasons. Mainly we did this research only on students of AIUB. We collected data

through an online survey and also asked a few students those questions personally. We

compared those data for different answers. We also analyzed data by highlighting what is the

response of most of the students on a particular criteria. We made pie chart, bar chart based on

their answer . We took data to find out the main reasons behind road accidents from exactly 33

students of AIUB. According to their opinions we made some charts. Those charts reflect some

reasons behind road accidents.

Acknowledgement

We are really thankful to our honorable course teacher, without whose support and encouragement it was quite difficult to understand the subject and develop our researching skills.

We are thankful to all the students, who participated in this study. We greatly appreciate their co-operation.

Also we want to thank some of our friends who helped us in collecting analytical data and researching the topic.

Lastly we offer our regards and blessings to all of those who supported us in any respect during the completion of the study.

**Table of Contents**

|  |
| --- |
| **Chapter Title Page no.**    Forwarding letter i  Preface ii  Acknowledgement iii  Table of contents iv  List of illustrations v  Abstract vi  1.0 Introduction 1  1.1 Increasing rate of accidents in Dhaka 1  1.2 Accident rate of Dhaka compared to other cities 1  1.3 Overview of the research report 1  1.4 Rationale of research report 2  1.5 Chapters of the research report. 3  2.0 Chapter 2: Methodology 4  2.1 Method used 4  2.2Selection of subjects/participants 4  2.3 Data analysis 5  3.0 Chapter: Findings and Analysis 10  3.1 Findings 10  3.2Analysis of the result 12  4.0 Chapter: Conclusion 13  4.1Summery 13  4.2 Limitation 13  4.3Future direction 13  5.0Recommendation 14  References vii  Appendix  Bibiliography |

**List of illustration**

Figure: 01- “Violation of traffic rules”----------------------------------------------- on page 6

Figure: 02- “Overloading of transports”-------------------------- on page 7

Figure: 03- “Permitting illegal driving license”-------------- on page 8

Figure: 04- “Unfit vehicles”--------------------------------------------------------on page 9

Abstract

The purpose of this study is to observe the characteristics of road accidents in Dhaka city to

find out the reasons behind road accidents. To conduct this method quantitative method was

approached. For finding the major reasons we had a survey question on students . We got 33

response from 33 AIUB students. After collecting data and analyzing those data from students

we found that disobeying traffic rules by pedestrians and drivers, overloaded transports,

permitting illegal driving license, unfit vehicles etc. is the possible reason for causing accidents

in Dhaka city. After analyzing the survey’s response we found that major reason behind the

rising of accidents in Dhaka city is violation of traffic rules by both pedestrians and drivers.

Their carelessness and ignorance is responsible for causing accidents. Also lack of monitoring by

Traffic police and not giving proper punishment to those who violates traffic rules is

responsible. To reduce road accidents in Dhaka awareness should be adopted by everyone.

Everyone should abide by traffic rules. Unfit vehicles should not be allowed . And lastly those

who does not have proper skill in driving should not be given driving license illegally.

1. Chapter 1: Introduction

1.1 Increasing rate of accidents in Dhaka

Dhaka, the capital of Bangladesh marked 7% rise in road fatalities despite heightened road

safety campaign. Despite last year’s massive nationwide road safety movement, the city has

continued to witness large number pf road accidents. A total number of 2,720 accidents

occurred during 2007-2011. This has caused a total of 1,481 number of pedestrians fatal

accidents with 1,562 pedestrian fatal accidents. In 2018, 1,735 fatalities occurred from the

month of August to December. Last year’s overall percentage of deaths from road accidents is

almost 7% higher than that of 2017.

1.2 Accidents rate of Dhaka compared to other cities

Compared to other cities around the world the rate of accidents in Dhaka is increasing which

has become now life threatening for the people living in Dhaka. According to WHO data

published in 2017 on Road Traffic Accidents, deaths in Dhaka reached 2.62% of total deaths.

In London deaths due to accidents reached 0.39% of total deaths, in Singapore 0.85%, in

Melbourne 1%, in Toronto 0.99% of total deaths. So, it is evident that in comparison with other

cities death rates for road accidents in Dhaka is increasing.

**1.3 Overview of the research report**

This research report is on the students of AIUB who are travelling in Dhaka city almost 6 days in

a week . And they are travelling through the important routes of this city which are the busiest

and also accident prone areas of this city .We tried to find out the quantitative data on what

number of students think either drivers or pedestrians are responsible for road accidents. We

tried to find out whether overloading of transports on roads, unfit vehicles, permitting illegal

driving license etc. are reasons behind road accidents or not.

We approached to 33 individual subjects with questionnaire and also interviewed some of them

personally. We collected all the quantitative data and made a statistical analysis.

**1.4 Rationale of research report**

From the analysis of this report we can come down to some factual conclusion about reasons

behind the frequent occurrence of road accidents in Dhaka. We can find out some reasons

behind it from this report. This report will help us to point out the factors working for road

accidents and the reason behind it. Such as-

* How and why traffic rules are violated
* How overloading of transports on the road of Dhaka causing accidents
* How illegal driving license is responsible for causing accidents
* How unfit vehicles are causing accidents

All this information would be much helpful to identify the factors behind road accidents and

hopefully thus would reduce the number of road accidents in Dhaka. This analytical report

would be helpful to both people living in Dhaka travelling in daily and authority who are

working to improve this city’s traffic system. This report will also be helpful to the sector of

urban planning who are working for the development of Dhaka and this report can help them

to plan for road safety for this city.

**1.5 Chapters of the research report.**

* Chapter 1: The introduction about the full report. What is the report about, how

we did the report and how the reason behind doing this report.

* Chapter 2: Methodology of the report. How we did the analysis, which method

we used, why we used & how we used. Also the analysis of data is shown in this

chapter.

* Chapter 3: Findings and analysis. The resultant data and findings are in this

chapter.

* Chapter 4: The conclusion of the report.
* Chapter 5: Personal recommendation based on the result of the report.
* Chapter 6: Bibliography

**2.0 Chapter 2: Methodology**

**2.1 Method used**

In this report we used both quantitative and qualitative data.

As a statically analytical report the main method used by us is quantitative method. Because

we needed to made statistic on what percentage students think traffic rules are broken due to

lack of monitoring or if traffic rules are violated by drivers and pedestrians, what number of

students think that overloading of transport in Dhaka, unfit vehicles and permitting illegal

driving license are responsible for causing accidents. So quantitative should be used to make

such an analytical statistic.

**2.2 Selection of subjects/participants**

.

For this study 33 students of AIUB to collect data was chosen by us.

The reason of choosing these students is, they are travelling through different routes of this

city. Among those routes some are busiest and most accident prone. They travel by various

transports:- bus, cng, rickshaw, private car on their way from home to university and university

to home almost 5 days in a week.

So they have been observing this city’s traffic system for quite a long time. That is why we

chose them as subjects for this study. Some of them have been victims of road accidents and

experienced minor injuries due to fatalities on their way of travelling .

Finally, subject of this study was chosen because it was thought that their opinion and

information might help us in finding the reasons behind the rising of road accidents in Dhaka.

We got information from them about how traffic rules are violated who are involved in it, how

overloading transports, unfit vehicles and illegal driving license are responsible for causing road

fatalities.

**2.3 Data analysis**

The questionnaire was given to all the subjects and interviewed some of them personally. Using

those data we generated some static graphs.

Graph and analysis:

2.3.1 Violation of traffic rules-

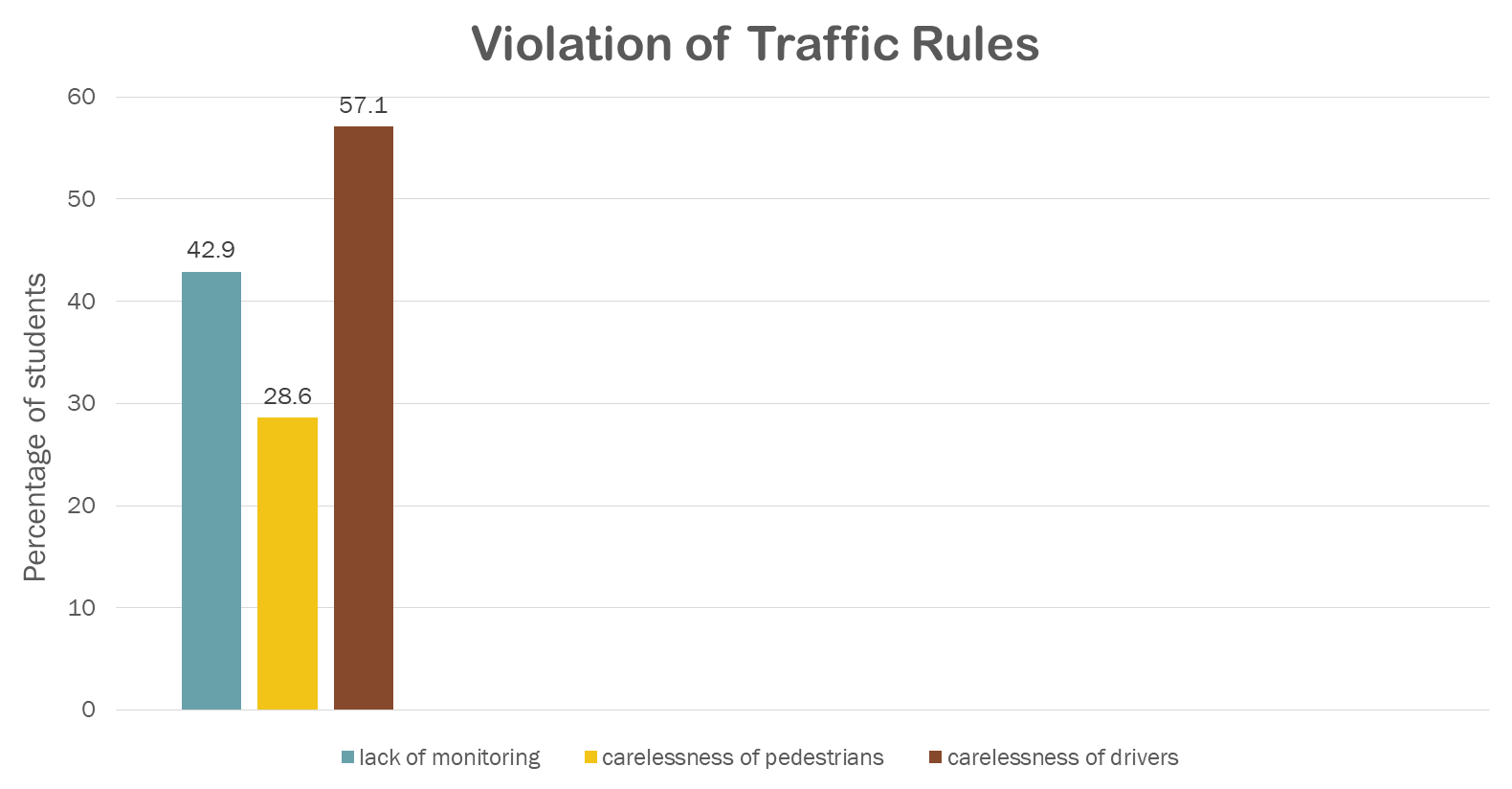
The data showed that most of the students thought carelessness if drivers is

Responsible for violating traffic rules. Then we also asked if pedestrians are also

Responsible for breaking rules. And here 28.6% agreed that because of carelessness of

Pedestrians accident occurs. 42.9 % student thought lack of monitoring by traffic police is

Responsible because sometimes rule breakers take advantage of their flexibility

 Fig: 01

2.3.2 Overloading of transports

When there are too much traffic on roads, driver often drive recklessly to make their

targeted number of trip for a day. This reckless driving often causes accidents. Also

when they are stuck in traffic jam for long time, they become impatient and drive faster.

On main roads the number bikes are increasing. Students thought this might be another

Reason as most of the traffic rules are broke by bikers.

Fig: 02

2.3.3 Permitting illegal driving license:

Permitting driving license is responsible because drivers who get license illegally might

Not be skilled enough to drive. All the students agreed that illegal driving license

contribute in causing road accidents. After that 42.9% student that required

qualification for getting a driving license is not enough and that should be improved as

their skill of driving depends on that.

Fig:03

2.3.4 Unfit vehicles:

Unfit vehicles that have functional problem cause accidents most times. And they remain

unfit because of lack of proper maintenance. We also fount out that

unregistered vehicles that has problems but still are driven on the roads are unchecked

by the authority and these vehicle can cause accidents.

Fig:04

**3.0 Chapter: Findings and Analysis**

**3.1 Findings**

From the data taken from several students, statistic result for reasons behind violating traffic rules:

|  |  |  |
| --- | --- | --- |
| **Lack of monitoring** | **Carelessness of pedestrians** | **Carelessness of drivers** |
| 42.9% | 28.6% | 57.1% |
|  |  |  |
|  |  |  |

Results for accidents due to overloading of transports:

|  |  |  |  |
| --- | --- | --- | --- |
| **Overloading transports** | **Reckless driving to make targeted trips** | **Get impatient & drive faster** | **An increase number of bikes** |
| 24.3% | 31.7% | 31.6% | 12.4% |

Results for accidents due to permitting illegal driving license:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Illegal license** | **Unskilled drivers** | **Insufficient qualification** |
| agree | 57.1% | 14.3% | 42.9% |
| Strongly agree | 42.9% | 57.1% | 42.9% |
| Moderately agree |  | 14.3% | 14.3% |
| neutral |  | 14.3% |  |

Results for reasons behind accidents due to unfit vehicles:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Unfit vehicles causing accidents** | **Lack of maintenance** | **Unregistered unchecked vehicles** |
| Agree | 57.1% | 42.9% | 14.3% |
| Strongly agree | 42.9% | 42.9% | 42.9% |
| neutral |  | 14.3% | 14.3% |
| Moderately agree |  |  | 14.3% |
| disagree |  |  | 14.3% |

3.2 Analysis and findings

From the data it can be seen that most students agreed with those facts that were supposed to

be responsible for road accidents. When it was asked to them what do they think about the

rising of road accidents in Dhaka. All of the students agreed that road accidents in Dhaka is

increasing. About the violation of rule , they thought careless drivers breaks the rules, and lack

of monitoring is also responsible. When it was asked to them how overloading is responsible

39% agreed impatient driver causes accidents, 38% thought reckless driving to make their

number of trips causes accidents. About permitting illegal license 57% strongly believed drivers

having illegal license are not skilled but 14% were neutral on this topic. They thought lack of

proper maintenance and unfit vehicles are causing road accidents. When it was asked to them

whether unregistered vehicles remaining unchecked is responsible or not, in the answer 42.9%

strongly agreed, but 14% disagreed that unregistered vehicles remaining unchecked is

responsible

* Most of the time drivers are responsible for breaking traffic rules. Because of their

careless attitudes traffic rules are violated

* Because of too much traffic on roads driver drives recklessly to make their targeted

number of trips .

* Drivers having illegal license cause most accidents as they are not well skilled and their

qualification for driving license is not fulfilled.

* Unfit vehicles are not maintained properly and sometimes without being registered

they get approval for driving

**4.0 Chapter: Conclusion**

**4.1 Summery**

On conclusion we can say, the main reason behind risings of road accidents in Dhaka is that

most of the people are no aware about the traffic rules they move carelessly on roads. Traffic

police are not cautious about monitoring traffic, pedestrians. Overloaded traffics on road makeing

drivers suffer mentally. And because of that they drive recklessly .Too much bikes on road is also

responsible .Granting driving license illegally causing accidents. Unfit vehicles travelling on the

roads are mostly unregistered & not checked by the authority.

**4.2 Limitation**

The limitation of our research is that we did not have enough number of subjects. Due to

Shortage of time we found very less number of subjects. Also we chose our subject from a

specific class of people. We could not take subjects from various classes of people living

in Dhaka city. The time of research was very short to cover such a vast topic.

**4.3 Future direction**

In future if someone does this research, our advice will be to take as much subjects as possible.

Include subjects from different class of people so that the results after analysis can be more

accurate.

**5.0 Recommendation**

Our recommendation to everyone would be to be careful about traffic rules, get to know the

rules properly. Both drivers and people walking on road should be careful. Traffic police must

take proper action against people who violates traffic rule. Government should work on

reducing excessive traffic on the road of Dhaka city. Permitting license illegally must be

stopped. Drivers should get proper training and only after adopting all the driving skills,

driving license should be given. Qualifications to get license should be improved, more

lessons should be added. Vehicles should be checked properly whether they are fit or not.

Unfit vehicles should not be allowed to drive.

References

[1] M. S. Nabi,”2018 saw surge in road accidents,” *DhakaTribune*, para. 8, January 16, 2019.[Online],Available:<http://www.dhakatribune.com/bangladess/nation/2019/01/16/2018-saw-surge-in-road-accidents>. [Accessed Jan 16, 2019]

[2] I. Ahmed and B. Ahmed,” Urban Road Accidents in Dhaka,” In Proc. 16th International

Conference on Road Safety on Four Continents ’03, 2013, pp. 19-23.

[1] M. S. Nabi, ”2018 saw surge in road accidents,” *DhakaTribune,* para. 8, January 16, 2019.

[online], Availabe: <http://www.dhakatribune.com/bangladess/nation/2019/01/16/2018-saw-surge-in-road-accidents>. [Accessed Jan 16, 2019]

[3] M. S. Alom,” Bangladesh: Road Traffic Accidents,” *daily sun*, para. 3, August 8, 2018.

[online],Available:https://www.dailysun.com/printversion/ddetails/327901/2018/08/08/

Bangladesh:-Road-Traffic-Accidents. [Accessed August 8, 2018].

[4] O. Masum,” Motorcycles on the rise in Dhaka, so are accidents,” *bdnews24.com*, para. 1,

April11,2019.[online],Available:<https://m.bdnews24.com/en/detail/bangladesh/1550100>.

[Accesed April 19,2019].

[1] M. S. Nabi, ”2018 saw surge in road accidents,” *DhakaTribune,* para. 8, January 16, 2019.

[online], Availabe: <http://www.dhakatribune.com/bangladess/nation/2019/01/16/2018-saw-surge-in-road-accidents>. [Accessed Jan 16, 2019]

[5] N. Farhin,” Why road crushes rising in Dhaka,” *DhakaTribune*, para. 2,4, April 23,

2018.[online].Available: <https://www.dhakatribune.com/bangladesh/dhaka/2018/04/24/road-crushes-rising-dhaka>.

[Access April 23, 2018].

Appendix

Survey questionnaire on reasons behind the rising of urban road accidents in Dhaka

Bibiliography

[1] M. S. Nabi,”2018 saw surge in road accidents,” *DhakaTribune*, para. 8, January 16, 2019.[Online],Available:<http://www.dhakatribune.com/bangladess/nation/2019/01/16/2018-saw-surge-in-road-accidents>. [Accessed Jan 16, 2019]

[2] I. Ahmed and B. Ahmed,” Urban Road Accidents in Dhaka,” In Proc. 16th International

Conference on Road Safety on Four Continents ’03, 2013, pp. 19-23.

[1] M. S. Nabi, ”2018 saw surge in road accidents,” *DhakaTribune,* para. 8, January 16, 2019.

[online], Availabe: <http://www.dhakatribune.com/bangladess/nation/2019/01/16/2018-saw-surge-in-road-accidents>. [Accessed Jan 16, 2019]

[3] M. S. Alom,” Bangladesh: Road Traffic Accidents,” *daily sun*, para. 3, August 8, 2018.

[online],Available:https://www.dailysun.com/printversion/ddetails/327901/2018/08/08/

Bangladesh:-Road-Traffic-Accidents. [Accessed August 8, 2018].

[4] O. Masum,” Motorcycles on the rise in Dhaka, so are accidents,” *bdnews24.com*, para. 1,

April11,2019.[online],Available:<https://m.bdnews24.com/en/detail/bangladesh/1550100>.

[Accesed April 19,2019].

[1] M. S. Nabi, ”2018 saw surge in road accidents,” *DhakaTribune,* para. 8, January 16, 2019.

[online], Availabe: <http://www.dhakatribune.com/bangladess/nation/2019/01/16/2018-saw-surge-in-road-accidents>. [Accessed Jan 16, 2019]

[5] N. Farhin,” Why road crushes rising in Dhaka,” *DhakaTribune*, para. 2,4, April 23,

2018.[online].Available: <https://www.dhakatribune.com/bangladesh/dhaka/2018/04/24/road-crushes-rising-dhaka>.

[Access April 23, 2018].