

**UNIVERSITI TEKNOLOGI MARA**

**COMPARISON ON ROAD SAFETY LEVEL AND  
AWARENESS AMONG THE STUDENTS  
BETWEEN SCHOOL IN URBAN AND RURAL  
AREA**

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## Declaration by Student

Project entitled "Comparison on Road Safety Level and Awareness among the Students between School in Urban and Rural Area" is a presentation of my original research work. Wherever contributions of others are involved, every effort is made to indicate this clearly, with due reference to the literature, and acknowledgement of collaborative research and discussions. This project was done under the guidance of Miss Farah Ayunie bt Shafie as Project Supervisor and Mr. Hashim Ahmad as Co-supervisor. It has been submitted to the Faculty of Health Sciences in partial fulfillment of the requirement for the Degree of Bachelor in Environmental Health and Safety (Hons).

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## TABLE OF CONTENTS

<b>TITLE PAGE</b>	
<b>DECLARATION</b>	<b>ii</b>
<b>ACKNOWLEDGEMENT</b>	<b>iv</b>
<b>TABLE OF CONTENTS</b>	<b>v</b>
<b>LIST OF TABLES</b>	<b>viii</b>
<b>LIST OF FIGURES</b>	<b>ix</b>
<b>LIST OF ABBREVIATIONS</b>	<b>x</b>
<b>LIST OF APPENDICES</b>	<b>xi</b>
<b>ABSTRACT</b>	<b>xii</b>
<b>ABSTRAK</b>	<b>xiii</b>

### **CHAPTER ONE: INTRODUCTION**

1.1	Background Information	
	1.1.1 Overview of Current Road Safety Situation in Malaysia	1
	1.1.2 Current National Government policy for Road Safety	4
1.2	Problem Statement	5
1.3	Study Justification	5
1.4	Study Objectives	
	1.4.1 General Objective	7
	1.4.2 Specific Objectives	7
1.5	Study Hypothesis	7
1.6	Conceptual Framework	8
1.7	Conceptual and Operational Definitions	
	1.7.1 Conceptual definition	9
	1.7.2 Operational Definition	9

### **CHAPTER TWO: LITERATURE REVIEW**

2.1	Introduction	11
2.2	Causes of Accident	12
2.3	Awareness of School Student on Road Safety Practice	13

## ABSTRACT

### A STUDY OF COMPARISON ON ROAD SAFETY LEVEL AND AWARENESS AMONG THE STUDENTS BETWEEN SCHOOL IN URBAN AND RURAL AREA

Mohd Yusri Yusoff

**Introduction:** A Road Safety Inspection (RSI) is an on-site systematic review of an existing road or section of road to identify hazardous conditions, faults, deficiencies that may lead to accidents. The road safety level and students awareness depend on the type of school area either urban or rural.

**Methodology:** The study was conducted at a school in rural and urban area. The sample school classified as rural school because of demographic factor which occupied criteria of rural area. Same as urban school which classified as a school in urban area because of its demographic factors. The study design of this study is cross-sectional comparative study. Sampling data collection using questionnaire, observation based on checklist for Road Safety Inspection (RSI) photograph and video. A statistical analysis that is statistical package for the social science (SPSS) version 17.0 was used in this study.

**Results:** The study was found that the road safety level in rural school area is lower compare than urban school area. There are inadequate road safety signage, inappropriate intersection, improper gate entrance access and others road safety facilities. The study also found that most of students in rural school are low level of road safety awareness compare than urban students. Through questionnaires 16 respondents from 40 respondents in rural school do not wear helmet during ride to school. But in urban school all of 12 respondents that ride motorcycle to school wear the helmet. A part from that, 4 respondents out of 40 rural respondents that have a license to ride compare than respondents in urban school which 10 respondents out of 12 urban respondents have a license to ride. Through questionnaires also 24 out of 40 rural respondents do not aware or knowledge about speed limit in school area. For urban respondents 2 out of 12 respondents do not aware about speed limit in school area. Other type of awareness such as road safety signage alertness show the comparison which 62 out of 100 rural respondents aware about road safety alertness compare that urban school which 74 out of 100 urban respondents aware about it. More over, from observation the rural students more tendency in doing road safety violation such as do not use pedestrian walk, ride motorcycle without helmet.

**Conclusion:** In conclusion, the rural school should improve their road safety level to ensure the safety of students inside or outside school area. The school administration also should increase the awareness among their students so that the students can practice safe and good road safety behaviour.

*Keywords: RSI, urban, rural, awareness*