TABLE OF CONTENTS

QUICK FACTS AND FIGURES	
2014 Quick Facts	3
Michigan Crash Watch 2014	4
HISTORICAL INFORMATION	
1 Year (2013-2014)	
Statewide 2013-2014 Summary Trends	7
2013 Cost of Crashes in Michigan	9
Where Traffic Fatalities Occurred	10
5 Year (2010-2014)	
Fatalities by Age	11
Age of Drivers Involved in Fatal Crashes	12
Age of Drivers Involved in Single Vehicle Fatal Crashes	12
Age of Bicyclists Killed	13
Age of Pedestrians Killed	13
Fatal Crashes and Persons Killed for Select Holiday Periods	in Michigan14
Motor Vehicle Crash Deaths and Mileage by Month	15
2014 Percent Deaths and Percent Miles Driven	15
10 Year (2005-2014)	
Vehicle Registrations	17
Vehicle Miles Traveled	17
Crashes	17
Deaths	18
Injuries	18
Fatal Crashes	18
Alcohol-Involved Fatalities	19
Alcohol-Involved Injuries	19
Alcohol-Involved Fatal Crashes	19
Restraint Usage in Crashes	20
Drivers in Michigan	20
Mileage Death Rate	20
Total Crash Rate	21
Injury Crash Rate	21
Property Damage Crash Rate	21
Male vs. Female Drivers in All Crashes	22
Male vs. Female Drivers in Fatal Crashes	22
Male vs. Female Drinking Drivers in All Crashes	22
All Drivers in All and Fatal Crashes	23



	reen/ Young Adult Drivers in All and Fatal Crashes	∠∵
	Elderly Drivers in All and Fatal Crashes	
	All Drinking Drivers in All and Fatal Crashes	
	Teen/Young Adult Drinking Drivers in All and Fatal Crashes	24
	Elderly Drinking Drivers in All and Fatal Crashes	
	Motor Vehicles in All and Fatal Crashes	
	Motorcycles in All and Fatal Crashes	25
	Pedestrians in All and Fatal Crashes	
	Bicycles in All and Fatal Crashes	26
	Snowmobiles on Michigan Roadways in All and Fatal Crashes	26
	ORV/ATVs on Michigan Roadways in All and Fatal Crashes	
	Vehicle-Train Crashes	
	Vehicle-Deer Crashes	27
	Farm Equipment Crashes	
	Injured Occupants in Crashes	
	Death & Injury for Crash-Involved Occupants	
	Average Age of Drivers in Crashes 2005-2014	
	Mileage Death Rates 2005-2014	
	Michigan, U.S. and Surrounding States - Fatalities and VMT	
	Years (1962-2014)	
	Motor Vehicle Traffic Deaths in Michigan by Month	33
	Motor Vehicle Traffic Crash and Related Data	
AGE		
	Age and Injury Severity by Person Type	39
	Driver Age 16-20	
	Driver Action Prior to Crash	42
	Most Harmful Event	
	Crash Type	
	Relationship to Roadway	
	Roadway Type	
	Time of Day	
	Hazardous Action	
	Day of Week	
	Driver Gender	
	Number of Occupants	
	Vehicle Type	
	vollido Typo	



	Driver Age 21-64	
	Driver Action Prior to Crash	49
	Most Harmful Event	50
	Crash Type	52
	Relationship to Roadway	52
	Roadway Type	52
	Time of Day	53
	Hazardous Action	53
	Day of Week	54
	Driver Gender	54
	Number of Occupants	54
	Vehicle Type	55
	Driver Age 65 & Over	
	Driver Action Prior to Crash	56
	Most Harmful Event	57
	Crash Type	59
	Relationship to Roadway	59
	Roadway Type	59
	Time of Day	60
	Hazardous Action	60
	Day of Week	61
	Driver Gender	61
	Number of Occupants	61
	Vehicle Type	62
ALCO	HOL	
	Roadway Injury Experience for Persons Who Had Been Drinking and/or Using	Drugs65
	Driver Drinking and/or Using Drugs and Injury Severity in Crash by Age	66
	All Crashes and HBD Crashes by Injury Severity	67
	Death & Injury for Crash Involved Occupants	68
	Occupants in Had-been-drinking Crashes	68
	All Drivers and HBD Drivers Injury Severity - Ejected vs. Not Ejected	69
	All Occupants and Occupants of Had-been-drinking Crashes Injury Severity -	
	Ejected vs. Not Ejected	70
	Injury Severity & Restraint Use by Driver Injury	71
	Injury Severity & Restraint Use by Occupant Injury	72
	Alcohol Involvement in Fatal Crashes	73
	Alcohol Involvement in Injury Crashes	75



Male Drivers by Age & Injury Severity in Crash	78
Male Drinking Drivers by Age & Injury Severity in Crash	79
Female Drivers by Age & Injury Severity in Crash	80
Female Drinking Drivers by Age & Injury Severity in Crash	81
Traffic Fatalities with Drinking Involvement by County	82
County Ranking by HBD Fatal Crash Rate	83
DEER	
Michigan Motor Vehicle-Deer Involved Crashes	87
Light Condition and Time of Day in Motor Vehicle-Deer Crashes	88
Monthly and Seasonal Rates for Motor Vehicle-Deer Crashes	89
CRASH - CIRCUMSTANCES COMMON TO ALL TRAFFIC UNITS IN A CRASH	
All Crashes Injury Severity by Month	93
Crash Experience by Highway Class	95
Crash Experience by Crash Type	96
Relationship to Roadway	96
Time of Day	97
Day of Week	98
Road Condition	99
Weather Condition	100
Light Condition	101
Intersection Crashes by Traffic Control Type	102
Construction Zone Crashes	103
VEHICLE/DRIVER - CHARACTERISTICS SPECIFIC TO INDIVIDUAL TRAFFIC UNITS	
Vehicle Type and Crash Involvement	107
Vehicle Types in Crashes by Crash Severity	108
Action Prior to Crash - Driver Action	109
Action Prior to Crash - Motorcyclist Action	110
Action Prior to Crash - Bicyclist Action	111
Action Prior to Crash - Pedestrian Action	112
Most Harmful Event	113
Vehicle Defects in Crash Involvement	115
Driver Hazardous Action	115
Michigan Bicycle Crashes	116
Michigan Pedestrian Crashes	117
Michigan Snowmobile Crashes on Public Roadways - Most Harmful Event	118



	Michigan ORV/ATV Crashes on Public Roadways - Most Harmful Event	120
	Michigan Snowmobile Crashes on Public Roadways	122
	Michigan ORV/ATV Crashes on Public Roadways	122
	Michigan Farm Equipment Crashes	123
	Michigan Vehicle-Train Crashes	123
	Michigan Motorcycle Crashes	123
	Driver Gender Information	124
	Person Age - Demographics and Crash Involvements	12
	Crash Rate per Licensed Driver by Age of Driver in All Crashes	126
	Driver Age	127
	Driver Condition	128
	Driver Injury Severity by Restraint, Alcohol, and Drug Use	128
	RED-LIGHT-RUNNING CRASHES	
	Red-Light-Running Definition	129
	Speed Limit	130
	Crash Type	130
	Special Circumstances	13
	Possible Conditions of Persons in Crashes	131
	HEAVY TRUCK/BUS	
	Heavy Truck/Bus Definition	133
	Driver Action Prior to Crash	134
	Most Harmful Event	13
	Crash Type	137
	Hazardous Action	137
	Relationship to Roadway	138
	Time of Day	138
	Roadway Type	138
	Day of Week	139
	Driver Gender	139
	Number of Occupants	139
	Vehicle Type	140
	Hazardous Citation Issued	14
000	CUPANT/PERSON - SPECIFIC INFORMATION ON EACH DRIVER AND INJURED PERSON IN A CR	ASH
	Age and Gender of Occupants Killed or Injured in Motor Vehicle Crashes	145
	Reported Occupant Restraint Usage for All Drivers and Injured Passengers	
	Motor Vehicle Occupants & Injury Severity by Seating Position and Known	
	Belt Usage.	147



	Reported Restraint Use - Children	148
	Motor Vehicle Occupant Injury Severity by Known Airbag Deployment	150
	Age and Gender of Motorcyclists Killed or Injured in Motor Vehicle Crashes	151
	Motorcycle Helmet Usage and Injury Severity	152
	Occupant Injury Outcome by Vehicle Type	153
REFE	RENCES References and Reporting Agencies	157
INDE	X	
	Index	161

