## **TABLE OF CONTENTS**

2013 Quick Facts. 3 Michigan's Crash Watch 2013 5  HISTORICAL INFORMATION  10 Year (2004-2013)  Vehicle Registrations. 9 Vehicle Registrations. 9 Vehicle Registrations. 9 Vehicle Deaths 10 Injuries in Motor Vehicle Crashes 10 Injuries in Motor Vehicle Crashes 10 Injuries in Motor Vehicle Crashes 10 HBD Fatalities 11 HBD Injuries 11 HBD Injuries 11 HBD Fatal Crashes 11 Restraint Usage 11 Restraint Usage 12 Licensed Drivers 12 Mileage Death Rate 13 Injury Crash Rate 13 Injury Crash Rate 13 Injury Crash Rate 13 Male vs. Female Drivers in All Crashes 14 Male vs. Female Drivers in Fatal Crashes 14 Male vs. Female Drivers in All Crashes 14 All Drivers in All and Fatal Crashes 14 All Drivers in All and Fatal Crashes 15 Elderly Drivers in All and Fatal Crashes 15 All Drinking Drivers in All and Fatal Crashes 15 All Drinking Drivers in All and Fatal Crashes 16 Elderly Drivers in All and Fatal Crashes 16 Motor Vehicles in All and Fatal Crashes 16 Elderly Drinking Drivers in All and Fatal Crashes 16 Elderly Drinking Drivers in All and Fatal Crashes 16 Motor Vehicles in All and Fatal Crashes 16 Elderly Drinking Drivers in All and Fatal Crashes 16 Elderly Drinking Drivers in All and Fatal Crashes 16 Elderly Drinking Drivers in All and Fatal Crashes 16 Elderly Drinking Drivers in All and Fatal Crashes 16 Elderly Drinking Drivers in All and Fatal Crashes 17 Pedestrians in All and Fatal Crashes 17 Bicycles in All and Fatal Crashes 18 ORW/ATVs on Roadway in All and Fatal Crashes 18 ORW/ATVs on Roadway in All and Fatal Crashes 19 Eath & Injury per Crash-Involved Occupant 20 Average Age of Drivers in Crashes 18 Eath Province Infall Crashes 19 Eath & Enjury per Crash-Involved Occupant 20 Average Age of Dr	QUICK FACTS & FIGURES	
HISTORICAL INFORMATION		
10 Year (2004-2013)       Vehicle Registrations       9         Vehicle Miles Traveled       9         Total Crashes       9         Motor Vehicle Deaths       10         Injuries in Motor Vehicle Crashes       10         Total Fatal Crashes       10         HBD Fatal Crashes       11         HBD Injuries       11         HBD Injuries       11         HBD Fatal Crashes       11         Restraint Usage       12         Licensed Drivers       12         Mileage Death Rate       12         Total Crash Rate       13         Injury Crash Rate       13         Injury Crash Rate       13         Injury Damage Crash Rate       13         Male vs. Female Drivers in Fatal Crashes       14         Male vs. Female Drivers in Fatal Crashes       14         Male vs. Female Drivers in Fatal Crashes       14         All Drivers in All and Fatal Crashes       15         Teen/Young Adult Drivers in All and Fatal Crashes       15         Elderly Drivers in All and Fatal Crashes       15         All Drivking Drivers in All and Fatal Crashes       16         Elderly Drinking Drivers in All and Fatal Crashes       16         Elderly Dr	Michigan's Crash Watch 2013	5
10 Year (2004-2013)       Vehicle Registrations       9         Vehicle Miles Traveled       9         Total Crashes       9         Motor Vehicle Deaths       10         Injuries in Motor Vehicle Crashes       10         Total Fatal Crashes       10         HBD Fatal Crashes       11         HBD Injuries       11         HBD Injuries       11         HBD Fatal Crashes       11         Restraint Usage       12         Licensed Drivers       12         Mileage Death Rate       12         Total Crash Rate       13         Injury Crash Rate       13         Injury Crash Rate       13         Injury Damage Crash Rate       13         Male vs. Female Drivers in Fatal Crashes       14         Male vs. Female Drivers in Fatal Crashes       14         Male vs. Female Drivers in Fatal Crashes       14         All Drivers in All and Fatal Crashes       15         Teen/Young Adult Drivers in All and Fatal Crashes       15         Elderly Drivers in All and Fatal Crashes       15         All Drivking Drivers in All and Fatal Crashes       16         Elderly Drinking Drivers in All and Fatal Crashes       16         Elderly Dr	HISTORICAL INFORMATION	
Vehicle Registrations         9           Vehicle Miles Traveled         9           Total Crashes         9           Motor Vehicle Deaths         10           Injuries in Motor Vehicle Crashes         10           Total Fatal Crashes         10           HBD Fatalitites         11           HBD Fatalitites         11           HBD Fatal Crashes         11           Restraint Usage         12           Licensed Drivers         12           Mileage Death Rate         12           Total Crash Rate         13           Injury Crash Rate         13           Injury Crash Rate         13           Property Damage Crash Rate         13           Male vs. Female Drivers in All Crashes         14           Male vs. Female Drivers in Fatal Crashes         14           Male vs. Female Drivers in All Crashes         14           Mall Drivers in All and Fatal Crashes         15           Teen/Young Adult Drivers in All and Fatal Crashes         15           Elderly Drivers in All and Fatal Crashes         16           All Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drive		
Vehicle Miles Traveled.         9           Total Crashes         9           Motor Vehicle Deaths         10           Injuries in Motor Vehicle Crashes         10           Total Fatal Crashes         10           HBD Fatalities         11           HBD Injuries         11           HBD Fatal Crashes         11           Restraint Usage         12           Licensed Drivers         12           Mileage Death Rate         12           Total Crash Rate         13           Injury Crash Rate         13           Injury Crash Rate         13           Property Damage Crash Rate         13           Male vs. Female Drivers in All Crashes         14           Male vs. Female Drivers in All and Fatal Crashes         15           Teen/Young Adult Drivers in All and Fatal Crashes         15           Elderly Drivers in		0
Total Crashes   9   Motor Vehicle Deaths   10   Injuries in Motor Vehicle Crashes   10   Total Fatal Crashes   10   Total Fatal Crashes   10   HBD Fatalities   11   HBD Injuries   11   HBD Injuries   11   HBD Injuries   11   HBD Fatal Crashes   11   Restraint Usage   12   Licensed Drivers   12   Licensed Drivers   12   Mileage Death Rate   13   Injury Crash Rate   13   Male vs. Female Drivers in All Crashes   14   Male vs. Female Drivers in Fatal Crashes   14   Male vs. Female Drivers in Fatal Crashes   14   Male vs. Female Drivers in All and Fatal Crashes   14   Male vs. Female Drivers in All and Fatal Crashes   15   Teen/Young Adult Drivers in All and Fatal Crashes   15   Elderly Drivers in All and Fatal Crashes   15   Elderly Drivers in All and Fatal Crashes   15   All Drinking Drivers in All and Fatal Crashes   16   Elderly Drinking Drivers in All and Fatal Crashes   16   Elderly Drinking Drivers in All and Fatal Crashes   16   Elderly Drinking Drivers in All and Fatal Crashes   16   Elderly Drinking Drivers in All and Fatal Crashes   16   Elderly Drinking Drivers in All and Fatal Crashes   16   Elderly Drinking Drivers in All and Fatal Crashes   17   Pedestrians in All and Fatal Crashes   17   Pedestrians in All and Fatal Crashes   17   Pedestrians in All and Fatal Crashes   18   ORV/ATV's on Roadway in All and Fatal Crashes   19   Vehicle-Train Crashes   19   Vehicle-Train Crashes   19   Vehicle-Deer Crashes   19   Vehicle-Deer Crashes   19   Vehicle-Deer Crashes   19   Vehicle-Deer Crashes   19   Vehicle-Train Crashes   19   Vehicle-Deer Crashes   19		
Motor Vehicle Deaths		
Injuries in Motor Vehicle Crashes		
Total Fatal Crashes         10           HBD Fatalities         11           HBD Injuries         11           HBD Fatal Crashes         11           Restraint Usage         12           Licensed Drivers         12           Mileage Death Rate         12           Total Crash Rate         13           Injury Crash Rate         13           Property Damage Crash Rate         13           Male vs. Female Drivers in All Crashes         14           All Drivers in All and Fatal Crashes         15           Teen/Young Adult Drivers in All and Fatal Crashes         15           All Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drivers in All and Fatal Crashes         16           Hotor Vehicles in All and Fatal Crashes         17           Motorcycles in All and Fatal Crashes         17           Pedestrians in All and Fatal Crashes         17           Bi		
HBD Fatalities		
HBD Injuries       11         HBD Fatal Crashes.       11         Restraint Usage.       12         Licensed Drivers.       12         Mileage Death Rate.       12         Total Crash Rate.       13         Injury Crash Rate.       13         Property Damage Crash Rate.       13         Male vs. Female Drivers in All Crashes.       14         Male vs. Female Drivers in All Crashes.       14         Male vs. Female Drinking Drivers in All Crashes.       14         Male vs. Female Drinking Drivers in All Crashes.       15         Teen/Young Adult Drivers in All and Fatal Crashes.       15         Elderly Drivers in All and Fatal Crashes.       15         All Drinking Drivers in All and Fatal Crashes.       16         Elderly Drinking Drivers in All and Fatal Crashes.       16         Elderly Drinking Drivers in All and Fatal Crashes.       16         Motor Vehicles in All and Fatal Crashes.       17         Motor Vehicles in All and Fatal Crashes.       17         Pedestrians in All and Fatal Crashes.       17         Bicycles in All and Fatal Crashes.       17         Bicycles in All and Fatal Crashes.       18         Snowmobiles on Roadway in All and Fatal Crashes.       18         ORV/ATVs		
HBD Fatal Crashes		
Restraint Usage         12           Licensed Drivers         12           Mileage Death Rate         12           Total Crash Rate         13           Injury Crash Rate         13           Property Damage Crash Rate         13           Male vs. Female Drivers in All Crashes         14           Male vs. Female Drivers in Fatal Crashes         14           Male vs. Female Drinking Drivers in All Crashes         14           All Drivers in All and Fatal Crashes         15           Teen/Young Adult Drivers in All and Fatal Crashes         15           Elderly Drivers in All and Fatal Crashes         15           All Drinking Drivers in All and Fatal Crashes         16           Teen/Young Adult Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drivers in All and Fatal Crashes         16           Motor Vehicles in All and Fatal Crashes         17           Motor Vehicles in All and Fatal Crashes         17           Pedestrians in All and Fatal Crashes         17           Bicycles in All and Fatal Crashes         18           Snowmobiles on Roadway in All and Fatal Crashes         18           Vehicle-Train Crashes         19		
Licensed Drivers		
Mileage Death Rate       12         Total Crash Rate       13         Injury Crash Rate       13         Property Damage Crash Rate       13         Male vs. Female Drivers in All Crashes       14         Male vs. Female Drivers in All Crashes       14         Male vs. Female Drinking Drivers in All Crashes       14         All Drivers in All and Fatal Crashes       15         Teen/Young Adult Drivers in All and Fatal Crashes       15         Elderly Drivers in All and Fatal Crashes       15         All Drinking Drivers in All and Fatal Crashes       16         All Drinking Drivers in All and Fatal Crashes       16         All Drinking Drivers in All and Fatal Crashes       16         Elderly Drinking Drivers in All and Fatal Crashes       16         Elderly Drinking Drivers in All and Fatal Crashes       16         Motor Vehicles in All and Fatal Crashes       17         Motorcycles in All and Fatal Crashes       17         Pedestrians in All and Fatal Crashes       17         Bicycles in All and Fatal Crashes       17         Bicycles in All and Fatal Crashes       18         ORV/ATVs on Roadway in All and Fatal Crashes       18         Vehicle-Train Crashes       19         Vehicle-Deer Crashes       19     <		
Total Crash Rate         13           Injury Crash Rate         13           Property Damage Crash Rate         13           Male vs. Female Drivers in All Crashes         14           Male vs. Female Drivers in Fatal Crashes         14           Male vs. Female Drivers in Fatal Crashes         14           All Drivers in All and Fatal Crashes         15           Teen/Young Adult Drivers in All and Fatal Crashes         15           Elderly Drivers in All and Fatal Crashes         15           All Drinking Drivers in All and Fatal Crashes         16           Teen/Young Adult Drinking Drivers in All and Fatal Crashes         16           Teen/Young Adult Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drivers in All and Fatal Crashes         16           Motor Vehicles in All and Fatal Crashes         17           Motorcycles in All and Fatal Crashes         17           Pedestrians in All and Fatal Crashes         17           Bicycles in All and Fatal Crashes         17           Bicycles in All and Fatal Crashes         17           Bicycles in All and Fatal Crashes         18           Snowmobiles on Roadway in All and Fatal Crashes         18           ORV/ATVs on Roadway in All and Fatal Crashes         18           Vehicle-Deer		
Injury Crash Rate		
Property Damage Crash Rate         13           Male vs. Female Drivers in All Crashes         14           Male vs. Female Drivers in Fatal Crashes         14           Male vs. Female Drinking Drivers in All Crashes         14           All Drivers in All and Fatal Crashes         15           Teen/Young Adult Drivers in All and Fatal Crashes         15           Elderly Drivers in All and Fatal Crashes         15           All Drinking Drivers in All and Fatal Crashes         16           Teen/Young Adult Drinking Drivers in All and Fatal Crashes         16           Elderly Drinking Drivers in All and Fatal Crashes         16           Motor Vehicles in All and Fatal Crashes         17           Motorcycles in All and Fatal Crashes         17           Pedestrians in All and Fatal Crashes         17           Pedestrians in All and Fatal Crashes         17           Bicycles in All and Fatal Crashes         18           Snowmobiles on Roadway in All and Fatal Crashes         18           ORV/ATVs on Roadway in All and Fatal Crashes         18           Vehicle-Train Crashes         19           Vehicle-Deer Crashes         19           Farm Equipment Crashes         19           Death & Injury per Crash-Involved Occupant         20           Average Age of Drivers		
Male vs. Female Drivers in Fatal Crashes       14         Male vs. Female Drivers in Fatal Crashes       14         Male vs. Female Drinking Drivers in All Crashes       14         All Drivers in All and Fatal Crashes       15         Teen/Young Adult Drivers in All and Fatal Crashes       15         Elderly Drivers in All and Fatal Crashes       15         All Drinking Drivers in All and Fatal Crashes       16         Teen/Young Adult Drinking Drivers in All and Fatal Crashes       16         Elderly Drinking Drivers in All and Fatal Crashes       16         Elderly Drinking Drivers in All and Fatal Crashes       16         Motor Vehicles in All and Fatal Crashes       17         Motorcycles in All and Fatal Crashes       17         Pedestrians in All and Fatal Crashes       17         Bicycles in All and Fatal Crashes       17         Bicycles in All and Fatal Crashes       18         ORV/ATVs on Roadway in All and Fatal Crashes       18         ORV/ATVs on Roadway in All and Fatal Crashes       18         Vehicle-Train Crashes       19         Vehicle-Deer Crashes       19         Parm Equipment Crashes       19         Death & Injury per Crash-Involved Occupant       20         Average Age of Drivers in Crashes       21		
Male vs. Female Drivers in Fatal Crashes       14         Male vs. Female Drinking Drivers in All Crashes       14         All Drivers in All and Fatal Crashes       15         Teen/Young Adult Drivers in All and Fatal Crashes       15         Elderly Drivers in All and Fatal Crashes       15         All Drinking Drivers in All and Fatal Crashes       16         Teen/Young Adult Drinking Drivers in All and Fatal Crashes       16         Elderly Drinking Drivers in All and Fatal Crashes       16         Motor Vehicles in All and Fatal Crashes       17         Motorcycles in All and Fatal Crashes       17         Motorcycles in All and Fatal Crashes       17         Pedestrians in All and Fatal Crashes       17         Bicycles in All and Fatal Crashes       18         ORV/ATVs on Roadway in All and Fatal Crashes       18         ORV/ATVs on Roadway in All and Fatal Crashes       18         Vehicle-Deer Crashes       19         Vehicle-Deer Crashes       19         Vehicle-Deer Crashes       19         Vehicle-Deer Crashes       19         Death & Injury per Crash-Involved Occupant       20         Average Age of Drivers in Crashes       21         Michigan, U.S. and Surrounding States - Mileage Death Rates       22         Age		
Male vs. Female Drinking Drivers in All Crashes		
All Drivers in All and Fatal Crashes 15 Teen/Young Adult Drivers in All and Fatal Crashes 15 Elderly Drivers in All and Fatal Crashes 15 All Drinking Drivers in All and Fatal Crashes 15 All Drinking Drivers in All and Fatal Crashes 16 Teen/Young Adult Drinking Drivers in All and Fatal Crashes 16 Elderly Drinking Drivers in All and Fatal Crashes 16 Motor Vehicles in All and Fatal Crashes 17 Motorcycles in All and Fatal Crashes 17 Pedestrians in All and Fatal Crashes 17 Bicycles in All and Fatal Crashes 17 Bicycles in All and Fatal Crashes 18 Snowmobiles on Roadway in All and Fatal Crashes 18 ORV/ATVs on Roadway in All and Fatal Crashes 18 Vehicle-Train Crashes 19 Vehicle-Deer Crashes 19 Farm Equipment Crashes 19 Death & Injury per Crash-Involved Occupant 20 Average Age of Drivers in Crashes 21 Michigan, U.S. and Surrounding States - Mileage Death Rates 22 Michigan, U.S. and Surrounding States - Fatalities and VMT 23 5 Year (2009-2013) Age of Persons Killed, Total 25 Age of Drivers Involved in Fatal Crashes 26 Age of Drivers Involved in Single Vehicle Fatal Crashes 26 Age of Pedestrians Killed 27 Age of Pedestrians Killed 27 Select Holiday Data 28		
Teen/Young Adult Drivers in All and Fatal Crashes       15         Elderly Drivers in All and Fatal Crashes       15         All Drinking Drivers in All and Fatal Crashes       16         Teen/Young Adult Drinking Drivers in All and Fatal Crashes       16         Elderly Drinking Drivers in All and Fatal Crashes       16         Motor Vehicles in All and Fatal Crashes       17         Motorcycles in All and Fatal Crashes       17         Pedestrians in All and Fatal Crashes       17         Bicycles in All and Fatal Crashes       18         Snowmobiles on Roadway in All and Fatal Crashes       18         ORV/ATVs on Roadway in All and Fatal Crashes       18         Vehicle-Train Crashes       19         Vehicle-Deer Crashes       19         Vehicle-Deer Crashes       19         Farm Equipment Crashes       19         Death & Injury per Crash-Involved Occupant       20         Average Age of Drivers in Crashes       21         Michigan, U.S. and Surrounding States - Mileage Death Rates       22         Michigan, U.S. and Surrounding States - Fatalities and VMT       23         5 Year (2009-2013)       25         Age of Drivers Involved in Fatal Crashes       26         Age of Drivers Involved in Single Vehicle Fatal Crashes       26		
Elderly Drivers in All and Fatal Crashes	All Drivers in All and Fatal Crashes	15
All Drinking Drivers in All and Fatal Crashes	Teen/Young Adult Drivers in All and Fatal Crashes	15
Teen/Young Adult Drinking Drivers in All and Fatal Crashes		
Elderly Drinking Drivers in All and Fatal Crashes		
Motor Vehicles in All and Fatal Crashes       17         Motorcycles in All and Fatal Crashes       17         Pedestrians in All and Fatal Crashes       17         Bicycles in All and Fatal Crashes       18         Snowmobiles on Roadway in All and Fatal Crashes       18         ORV/ATVs on Roadway in All and Fatal Crashes       18         Vehicle-Train Crashes       19         Vehicle-Deer Crashes       19         Farm Equipment Crashes       19         Death & Injury per Crash-Involved Occupant       20         Average Age of Drivers in Crashes       21         Michigan, U.S. and Surrounding States - Mileage Death Rates       22         Michigan, U.S. and Surrounding States - Fatalities and VMT       23         5 Year (2009-2013)       25         Age of Persons Killed, Total       25         Age of Drivers Involved in Fatal Crashes       26         Age of Bicyclists Killed       27         Age of Pedestrians Killed       27         Select Holiday Data       28		
Motorcycles in All and Fatal Crashes		
Pedestrians in All and Fatal Crashes       17         Bicycles in All and Fatal Crashes       18         Snowmobiles on Roadway in All and Fatal Crashes       18         ORV/ATVs on Roadway in All and Fatal Crashes       18         Vehicle-Train Crashes       19         Vehicle-Deer Crashes       19         Farm Equipment Crashes       19         Death & Injury per Crash-Involved Occupant       20         Average Age of Drivers in Crashes       21         Michigan, U.S. and Surrounding States - Mileage Death Rates       22         Michigan, U.S. and Surrounding States - Fatalities and VMT       23         5 Year (2009-2013)       25         Age of Persons Killed, Total       25         Age of Drivers Involved in Fatal Crashes       26         Age of Bicyclists Killed       27         Age of Pedestrians Killed       27         Select Holiday Data       28		
Bicycles in All and Fatal Crashes	•	
Snowmobiles on Roadway in All and Fatal Crashes		
ORV/ATVs on Roadway in All and Fatal Crashes	Bicycles in All and Fatal Crashes	18
Vehicle-Train Crashes19Vehicle-Deer Crashes19Farm Equipment Crashes19Death & Injury per Crash-Involved Occupant20Average Age of Drivers in Crashes21Michigan, U.S. and Surrounding States - Mileage Death Rates22Michigan, U.S. and Surrounding States - Fatalities and VMT235 Year (2009-2013)25Age of Persons Killed, Total25Age of Drivers Involved in Fatal Crashes26Age of Bicyclists Killed27Age of Pedestrians Killed27Select Holiday Data28		
Vehicle-Deer Crashes19Farm Equipment Crashes19Death & Injury per Crash-Involved Occupant20Average Age of Drivers in Crashes21Michigan, U.S. and Surrounding States - Mileage Death Rates22Michigan, U.S. and Surrounding States - Fatalities and VMT235 Year (2009-2013)25Age of Persons Killed, Total25Age of Drivers Involved in Fatal Crashes26Age of Bicyclists Killed27Age of Pedestrians Killed27Select Holiday Data28	ORV/ATVs on Roadway in All and Fatal Crashes	18
Farm Equipment Crashes	Vehicle-Train Crashes	19
Death & Injury per Crash-Involved Occupant 20 Average Age of Drivers in Crashes 21 Michigan, U.S. and Surrounding States - Mileage Death Rates 22 Michigan, U.S. and Surrounding States - Fatalities and VMT 23  5 Year (2009-2013) Age of Persons Killed, Total 25 Age of Drivers Involved in Fatal Crashes 26 Age of Drivers Involved in Single Vehicle Fatal Crashes 26 Age of Bicyclists Killed 27 Age of Pedestrians Killed 27 Select Holiday Data 28	Vehicle-Deer Crashes	19
Average Age of Drivers in Crashes	Farm Equipment Crashes	19
Michigan, U.S. and Surrounding States - Mileage Death Rates 22 Michigan, U.S. and Surrounding States - Fatalities and VMT 23  5 Year (2009-2013)  Age of Persons Killed, Total 25 Age of Drivers Involved in Fatal Crashes 26 Age of Drivers Involved in Single Vehicle Fatal Crashes 26 Age of Bicyclists Killed 27 Age of Pedestrians Killed 27 Select Holiday Data 28	Death & Injury per Crash-Involved Occupant	20
Michigan, U.S. and Surrounding States - Fatalities and VMT 23  5 Year (2009-2013)  Age of Persons Killed, Total 25  Age of Drivers Involved in Fatal Crashes 26  Age of Drivers Involved in Single Vehicle Fatal Crashes 26  Age of Bicyclists Killed 27  Age of Pedestrians Killed 27  Select Holiday Data 28		
5 Year (2009-2013) Age of Persons Killed, Total		
Age of Persons Killed, Total	Michigan, U.S. and Surrounding States - Fatalities and VMT	23
Age of Persons Killed, Total	5 Year (2009-2013)	
Age of Drivers Involved in Fatal Crashes		25
Age of Drivers Involved in Single Vehicle Fatal Crashes		
Age of Bicyclists Killed		
Age of Pedestrians Killed		
Select Holiday Data28		
Motor Vehicle Deaths and Mileage by Month		
	Motor Vehicle Deaths and Mileage by Month	29



	1 Year (2012-2013)	
	Summary Trends	3
	2013 Cost of Crashes in Michigan	
	Map of Where Traffic Fatalities Occurred	
	Years (1962-2013)	
	Motor Vehicle Traffic Deaths in Michigan by Month	31
	Motor Vehicle Traffic Crash and Related Data	26
	WIOLOF VEHICLE TRAINC Grash and Nelated Data	30
AGE		
	Person's Age and Injury Severity by Person Type	39
	Driver Age 16-20	
	Action Prior to Crash - Driver Action	4'
	Most Harmful Event	
	Crash Type	
	Relationship to Roadway	
	Roadway Type	
	Time and Severity	
	Hazardous Action	
	Day of Week	
	Driver Gender	
	Number of Occupants in Motor Vehicle	48
	Vehicle Type	49
	Driver Age 21-64	
	Action Prior to Crash - Driver Action	51
	Most Harmful Event	
	Crash Type	
	Relationship to Roadway	
	Roadway Type	5²
	Time and Severity	
	Hazardous Action	
	Day of Week	
	Driver Gender	
	Number of Occupants in Motor Vehicle	
	Vehicle Type	57
	Driver Age 65 & Over	
	Action Prior to Crash - Driver Action	59
	Most Harmful Event	60
	Crash Type	62
	Relationship to Roadway	
	Roadway Type	
	Time and Severity	
	Hazardous Action	
	Day of Week	
	Driver Gender	
	Number of Occupants in Motor Vehicle	
	Vehicle Type	
	Ž.	0
ALCO	PHOL	
	Injury Experience for Persons Who Had Been Drinking and/or Using Drugs	69
	Drivers Drinking and/or Using Drugs & Injury Severity in Crash	
	All Crashes and HBD Crashes by Injury Severity	
	Death & Injury for Crash Involved Occupant	73
	All Drivers and HBD Drivers Injury Severity - Ejected vs. Not Ejected	74
	All Occupants and Occupants of HBD Crashes Injury Severity - Fiected vs. Not Fiected	



	Injury Severity & Restraint Use by Driver Injury	76
	Injury Severity & Restraint Use by Occupant Injury	
	Alcohol Involvement in Fatal Crashes	
	Alcohol Involvement in Injury Crashes	80
	Male Drivers & Injury Severity in Crash	
	Male Drinking Drivers & Injury Severity in Crash	
	Female Drivers & Injury Severity in Crash	
	Female Drinking Drivers & Injury Severity in Crash	
	Map of Traffic Fatalities with Drinking Involvement by County	
	Map of County Ranking by HBD Fatal Crash Rate	
DEEI		
DEEI	Map of Michigan Motor Vehicle-Deer Involved Crashes	0.1
	Light Condition and Time of Day in Motor Vehicle-Deer Crashes	
	Monthly and Seasonal Rates for Motor Vehicle-Deer Crashes	
	•	90
CRA	SH - Circumstances common to all traffic units in a crash	
	All Crashes Injury Severity by Month	
	Crash Experience by Roadway Type	
	Crash Type	
	Relationship to Roadway	
	Time and Severity	
	Day of Week	
	Road Condition	
	Weather Condition	
	Light Condition	
	Intersection Crashes by Traffic Control Type	
	Construction Zone Crashes	106
VEHI	ICLE/DRIVER - Characteristics specific to individual traffic units	
	Vehicle Type Crash Involvement	100
	Vehicle Types in Crashes by Crash Severity	
	Action Prior to Crash - Driver Action	
	Action Prior to Crash - Motorcyclist Action	
	Action Prior to Crash - Bicyclist Action	
	Action Prior to Crash - Pedestrian Action	
	Most Harmful Event	
	Vehicle Defects in Crash Involvement	
	Driver Hazardous Action	
	Michigan Bicycle Crashes	
	Michigan Pedestrian Crashes	
	Michigan Snowmobile Crashes	
	Michigan ORV/ATV Crashes	
	Snowmobile Driver Hazardous Action	
	ORV/ATV Driver Hazardous Action	
	Michigan Farm Equipment Crashes	
	Michigan Vehicle-Train Crashes	
	Michigan Motorcycle Crashes	
	Driver Gender Information - All Crashes	
	Person Age: Demographics and Crash Involvements	
	Crash Rate per Licensed Driver by Age of Driver in All Crashes	
	Driver Age	
	Driver Condition	
	Driver Injury Severity by Restraint, Alcohol, and Drug Use.	



RED-LIGHT-RUNNING CRASHES	
Red-Light-Running Definition	131
Speed Limit	
Crash Type	
Special Circumstances	
Conditions of Persons in Crashes	
HEAVY TRUCK/BUS	
Heavy Truck/Bus Definition	134
Action Prior to Crash - Driver Action	
Most Harmful Event	136
Crash Type	138
Hazardous Action	
Relationship to Roadway	139
Time and Severity	139
Roadway Type	139
Day of Week	140
Driver Gender	140
Number of Occupants	140
Vehicle Type	
Hazardous Citation Issued	142
OCCUPANT/PERSON - Specific information on each driver and injured person in a	crash
Age & Gender of Occupants Killed & Injured in Motor Vehicle Crashes	
Reported Occupant Restraint Usage for All Drivers and Injured Passengers	
Motor Vehicle Occupants & Injury Severity by Seating Position and Known Belt Us	
Reported Restraint Use - Children	
Motor Vehicle Occupant Injury Severity by Known Airbag Deployment	
Age & Gender of Motorcyclists Killed & Injured in Motor Vehicle Crashes	
Motorcycle Helmet Use and Injury Severity	
Occupant Injury Outcome by Vehicle Type	
REFERENCES	
References and Reporting Agencies	157
INDEX	404

