



2010

MISSOURI

TRAFFIC SAFETY COMPENDIUM

**MISSOURI STATE HIGHWAY PATROL
STATISTICAL ANALYSIS CENTER**

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FOREWORD

The 2010 Missouri Traffic Safety Compendium is the twenty-fourth in a series produced annually by the Statistical Analysis Center of the Missouri State Highway Patrol working in conjunction with the MoDOT Traffic and Highway Safety Division.

The Compendium contains a compilation of statistics related to Missouri traffic crashes and assists the Highway Patrol and the Traffic and Highway Safety Division in the identification of specific traffic safety problem areas. Information provided in this document provides the statistical framework to support the annual Highway Safety Plan – assuring that the Plan is evidenced based. This document can also be found online at: http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/publications_traffic.html.

I encourage those involved in law enforcement, safety, government, health, education, and grassroots organizations to take full advantage of the information contained in this publication. The insights acquired from reviewing its contents can be an invaluable aid when conducting traffic safety problem identification, planning and making policy decisions. You will be accessing one of the finest traffic records documents nationwide.

If you require more information on traffic safety programs or need additional statistical services, please contact MoDOT Traffic and Highway Safety Division at 1-800-800-2358 or 573-751-4161.

A handwritten signature in cursive script that reads "Leanna Depue". The signature is written in black ink and is positioned above the printed name and title.

Leanna Depue, Highway Safety Director
MoDOT Traffic and Highway Safety Division

ACKNOWLEDGEMENTS

This publication was developed by the Missouri State Highway Patrol to provide Federal, State, and local traffic safety authorities with a comprehensive analysis of Missouri's traffic safety problems. Agencies, such as the Missouri Department of Transportation, Highway Safety Division, rely heavily on this publication in their traffic safety planning processes and to acquire federal grant funding support for traffic safety programs.

Traffic crash data are the primary source of information used in this publication. These data were obtained from the Statewide Traffic Accident Records System (STARS). The Missouri State Highway Patrol, Traffic Records Division, is directly responsible for coordinating STARS as well as encoding all traffic crash reports received by the Division.

Special recognition must be given to all Missouri law enforcement agencies and officers who provide traffic crash investigation services on Missouri's roadways and conscientiously report their findings to STARS. Because of their efforts, traffic safety authorities are able to analyze Missouri traffic crash problems in order to develop policies and programs designed to effectively address them.

A number of agencies contributed to development of this publication. The Missouri Department of Transportation provided information on annual vehicle miles of travel. The Missouri Department of Revenue provided drivers licensing data and updated vehicle registration activity levels.

Finally, the Missouri Department of Transportation, Highway Safety Division, provided the Missouri Statistical Analysis Center with invaluable technical assistance and federal grant funding support from the U.S. Department of Transportation, National Highway Traffic Safety Administration. Both these agencies have, over the years, supported Missouri Statistical Analysis Center efforts in providing information services and publications to traffic safety authorities.



Ronald G. Beck, Director
Missouri Statistical Analysis Center

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EXECUTIVE SUMMARY

The purpose of this publication is to provide the Missouri State Highway Patrol, the Missouri Department of Transportation, Highway Safety Division, and other State and local authorities with information on Missouri's traffic crash problems. It is one in a series which is being produced annually.

The primary source of data for the Compendium is the Statewide Traffic Accident Records System being maintained by the Missouri State Highway Patrol. Although this publication contains historical data on Missouri's traffic crash and severity experience, emphasis is placed on the most recent year (2010).

In 2010, Missouri had a total of 151,353 traffic crashes. The economic loss associated with these traffic crashes was estimated to be \$3,201,711,600. In these traffic crashes, 0.5% (778) involved one or more persons being killed in the incident. In addition, 24.9% (37,613) involved no persons being killed but one or more persons being injured in the incident.

In 2010, a total of 821 persons died in Missouri traffic crashes. One person was killed every 10.7 hours. The death rate (the number of deaths per 100 million miles of travel) was 1.2 in 2010. In 2009, the death rate was 1.3.

A total of 54,875 persons were injured in traffic crashes in 2010. One person was injured every 9.6 minutes.

Data are provided in this Compendium identifying causal factors or characteristics of Missouri's traffic crash experience which directly impact the frequency of occurrence or personal death and injury severity levels. A brief analysis of these factors is given below:

- Speed was found to be a significant contributing factor in Missouri's traffic crash experience especially as it relates to crashes involving death and injury. Of all 2010 Missouri traffic crashes, 18.4% were speed related. Of all fatal crashes, 39.5% were speed related. A total of 324 persons were killed and 12,220 were injured in this type of crash. In 2010, one person was killed or injured every 42.9 minutes in speed related traffic crashes in the State of Missouri.
- Drinking involvement was a significant contributing factor in Missouri's serious traffic crash experience in 2010. Of all 2010 Missouri traffic crashes, 4.3% involved a person drinking. However, of all fatal crashes, 27.3% had a person drinking. A total of 218 persons were killed and 3,823 were injured in these crashes. In 2010, one person was killed or injured in drinking-involved crashes every 2.2 hours in the State.
- Drivers of motorized vehicles under the age of 21 were involved in a large number of crashes in the State of Missouri. Of all 2010 traffic crashes, 26.0% involved one or more drivers under the age of 21. Of all fatal crashes, 15.1% involved a young driver. Their involvement in Missouri traffic crashes becomes even more significant when it is recognized that drivers under 21 made up only 9.3 % of all Missouri's licensed drivers. A total of 123 persons were killed and 14,687 were injured in traffic crashes involving young drivers. In 2010, one person was killed or injured in a young driver involved traffic crash every 35.5 minutes in the State of Missouri.
- Drivers of motorized vehicles 55 years of age and older were involved in a large number of Missouri traffic crashes. Of all 2010 traffic crashes, 32.0% involved an older driver. Of all fatal crashes, 35.5% involved an older driver. A total of 285 persons were killed and 16,502 were injured in these traffic crashes. In 2010, one person was killed or injured in an older driver involved traffic crash every 31.3 minutes in the State of Missouri.
- Commercial motor vehicles were involved in a significant number of Missouri traffic crashes. In 2010, 9.0% of all traffic crashes involved a commercial motor vehicle. When examining fatal traffic crashes, 12.6% involved a commercial motor vehicle. A total of 105 persons were killed and 4,007 were injured in commercial motor vehicle related crashes. As a result, one person was killed or injured in commercial motor vehicle involved traffic crashes every 2.1 hours in the State.

- Although motorcycle related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly motorcycle drivers and passengers) being either killed or injured. Of all traffic crashes occurring in the State in 2010, 25.4% resulted in a person being killed or injured. However, in motorcycle involved crashes, 79.2% resulted in a death or personal injury. In 2010, 1.6% of all traffic crashes involved a motorcycle. In fatal traffic crashes, 12.2% involved a motorcycle. A total of 97 motorcyclist were killed and 2,036 were injured in motorcycle traffic crashes. One person was killed or injured in these crashes every 4.1 hours in the State of Missouri.
- Although school buses are not involved in a large number of traffic crashes in the State of Missouri they are important due to their potential for causing death and injury to young children. Of all 2010 Missouri traffic crashes, 0.7% involved a school bus or school bus signal. Five people were killed and 465 were injured in these crashes. In 2010, one person was killed or injured in school bus involved traffic crashes every 18.6 hours in the State of Missouri.
- Although bicycle related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly bicycle drivers and passengers) being either killed or injured. Of all traffic crashes occurring in the State in 2010, 25.4% resulted in a person being killed or injured. However, in bicycle traffic crashes, 83.2% resulted in a death or personal injury. Of all 2010 Missouri traffic crashes, 0.5% involved a bicycle. Of all fatal traffic crashes, 0.9% were bicycle related. Seven bicyclists were killed and 575 were injured in these traffic crashes. One person was killed or injured in a bicycle traffic crash every 15.1 hours in the State.
- Although pedestrian related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly the pedestrian) being either killed or injured. Of all traffic crashes in the State in 2010, 25.4% resulted in a person being killed or injured. However, in pedestrian traffic crashes, 91.0% resulted in a death or personal injury. Of all 2010 Missouri traffic crashes, 0.9% involved a pedestrian. Of all fatal traffic crashes, 7.6% involved a pedestrian. A total of 59 pedestrians were killed and 1,352 were injured in these traffic crashes. One person was killed or injured in a pedestrian traffic crash every 6.2 hours in the State of Missouri.
- Motor vehicles striking fixed objects account for a large number of traffic crashes in the State of Missouri, especially those resulting in death or personal injury. Of all 2010 Missouri traffic crashes, 20.1% involved a fixed object being struck as part of the first harmful event. In fatal crashes, 41.4% involved a fixed object. A total of 337 persons were killed and 11,910 were injured in fixed object traffic crashes. One person was killed or injured every 42.9 minutes in this type of crash in the State.
- Although hazardous materials are not involved in a large number of traffic crashes in the State of Missouri, they are a significant problem because of their potential for causing death, personal injury, and property damage through the release of such materials in the surrounding environment. Of all 2010 traffic crashes, 0.1% involved hazardous materials. Of all fatal traffic crashes, 0.1% were hazardous material related. One person was killed and 34 were injured in hazardous material crashes. One person was killed or injured in these crashes every 10.4 days in the State of Missouri.
- Construction / other work zones are not involved in a large number of traffic crashes in the State of Missouri. However, they are considered a significant problem because they involve persons working in road construction or other services exposed with little protection to traffic. In 2010, 1.7% of all traffic crashes involved a construction / other work zone. When examining fatal traffic crashes, 1.8% were associated with a construction / other work zone. Fifteen people were killed and 1,033 were injured in construction / other work zone related traffic crashes. As a result, one person was killed or injured in this type of crash every 8.4 hours.
- The wearing of seat belts by drivers and passengers in vehicles is one of the best ways to prevent death and personal injury when involved in a traffic crash. The State of Missouri has recognized the benefit seat belt usage has on reducing traffic crash deaths and injuries through the passage of infant restraint and adult seat belt laws in recent years. The effectiveness of using seat belts becomes apparent when considering the following statistics.

- Of the drivers of automobiles, trucks, vans, and motor homes killed in 2010 Missouri traffic crashes, 32.3% were wearing seat belts. Of the passengers killed in these types of vehicles, 36.8% wore their seat belt. For drivers involved in traffic crashes not killed or injured, 97.3% were wearing their seat belt at the time of the crash.

INTRODUCTION

This Compendium presents data identifying the scope, magnitude, and severity of the traffic crash problem in Missouri. In addition, data are presented which identify specific traffic crash / severity causative factors and characteristics of special interest to traffic safety authorities. Although historical data are provided, emphasis is placed on the most recent year's experience (2010).

This Compendium was prepared by the Missouri State Highway Patrol, Statistical Analysis Center (SAC) at the request of the Missouri Department of Transportation, Highway Safety Division.

The traffic safety data contained in this publication are segmented into four sections. The first section displays the 2010 Missouri Traffic Safety Personal Injury Problem Analysis Clock. This clock offers an overview of the frequency of deaths and injuries caused by traffic crashes in the State in relation to time. The second section provides data related to Missouri's total traffic crash experience from an historical perspective and provides historical data related to Missouri's driver licensing, vehicle registration, and annual miles of travel activity levels. This section also provides an examination of the overall Missouri traffic crash experience and includes analyses of crash type, roadway features and classification, weather and light conditions, temporal and geographic patterns, causative factors, driver characteristics and behavior, and vehicle types. The third section presents data on Missouri's traffic crash experience as it relates to specific types of causative factors or characteristics which affect the frequency of occurrence or crash severity. Specific traffic safety problem areas addressed in this section are:

- Speed Involvement
- Drinking Involvement
- Young Driver Involvement
- Older Driver Involvement
- Commercial Motor Vehicle Involvement
- Motorcycle Involvement
- School Bus Involvement
- Bicycle Involvement
- Pedestrian Involvement
- Fixed Object Involvement
- Hazardous Material Involvement
- Construction / Other Work Zone Involvement
- Seat Belt Usage

The last section of the Compendium provides summary data on the 2010 traffic crash experience of all counties and of cities with populations of 1,000 or more in the State of Missouri. In addition, breakouts are provided identifying the proportion of each community's traffic crash activity related to the problem areas discussed in the previous section of the Compendium (Seat Belt Usage is the only exception).

Data for this Compendium were obtained from a variety of sources. Traffic crash data used in the Compendium were obtained from the Statewide Traffic Accident Records System (STARS) maintained by the Missouri State Highway Patrol (MSHP). In accordance with State statute, law enforcement agencies are required to investigate traffic crashes on public roadways if they involve a death or personal injury or property damage over \$500.00. Their findings are submitted either electronically or manually on a standard traffic accident report form to the STARS system. Data from these reports are encoded by MSHP staff in computerized files. These files are made available to the Missouri SAC for traffic safety data analysis purposes.

Driver's licensing data were obtained from the Missouri Department of Revenue (DOR) driver history files. Vehicle registrations and annual vehicle miles of travel data were obtained from the Missouri Department of Transportation (MoDOT).

Slight discrepancies may be found if comparisons are made with other publications using data from STARS. These discrepancies may be a result of updates being made to STARS files between the time the other publications were developed and the time data analysis for this publication was performed. In addition, the STARS database selection logic used to identify a specific traffic crash problem could be different which would result in discrepancies in data display presentations.

Discrepancies also may be found if comparisons are made with MoDOT publications related to State-maintained roadway traffic crash statistics. MoDOT reviews all STARS traffic crash reports individually. If the crash occurs on a State-maintained roadway, the crash location is analyzed and recoded using a sophisticated highway classification and log point referencing system. Because of this review / update process and differences in road type coding definitions, discrepancies may be noted. For obtaining crash statistics on the Missouri State-maintained highway system only, it is recommended reliance be placed on MoDOT publications.

A number of Federal, State, and local information systems besides STARS capture data on some aspect of Missouri's traffic crash experience. One of the most notable is the Fatality Analysis Reporting System (FARS). In this information system, data on all fatal traffic crashes are compiled from a number of different sources and reported to a national repository in Washington, D.C. Although findings using both FARS and STARS data are similar, they do vary greatly when analyzing drinking involvement in traffic crashes. In STARS, reliance is solely based on the investigating officer's opinion that drivers or pedestrians were drinking and their intoxicated condition contributed to the cause of the traffic crash. In FARS, reliance is not only based on the opinion of the investigating officer but also on results of blood alcohol content tests taken on persons killed within a few hours of the crash. By Missouri statute, coroners and medical examiners are required to take these tests and report the results to the FARS unit. Because of this additional reporting mechanism, drinking involved fatal traffic crash statistics using FARS data indicate this causative factor is a much greater problem than comparable statistics based on STARS data. However, it must be recognized FARS data **only** describe Missouri's fatal traffic crashes while STARS data describe the State's total traffic crash experience on public roadways (except for minor property damage crashes).

A number of other publications, being produced on an annual basis, provide insights into Missouri's traffic crash experience. In cases where the Compendium does not provide all the information required, it is recommended one or more of the following publications be used:

1. *Traffic Crash Facts Booklet* - Missouri State Highway Patrol, Traffic Division.
2. *Missouri Vital Statistics* - State Center for Health Statistics
3. *Missouri State Highway System Traffic Accident Statistics* - Missouri Department of Transportation, Traffic Division.

1.0 MISSOURI TRAFFIC SAFETY PERSONAL INJURY PROBLEM ANALYSIS CLOCK

THIS CLOCK SUMMARIZES PERSONS KILLED AND INJURED IN TRAFFIC CRASHES IN THE STATE OF MISSOURI DURING 2010 IN RELATION TO TIME. IN ADDITION, IT SUMMARIZES DEATHS AND INJURIES OCCURRING IN TRAFFIC CRASHES WHERE SPECIFIC CAUSAL FACTORS OR CHARACTERISTICS WERE FOUND. FROM THIS PERSPECTIVE AN APPRECIATION OF THE RELATIVE FREQUENCY AND SERIOUSNESS OF THESE FACTORS AND CHARACTERISTICS CAN BE OBTAINED. THIS CLOCK SHOULD BE VIEWED WITH CARE. THIS MODE OF DISPLAY SHOULD NOT BE TAKEN TO IMPLY A REGULARITY IN THE OCCURRENCE OF DEATHS AND INJURIES IN TRAFFIC CRASH ACTIVITY; RATHER, IT REPRESENTS THE ANNUAL RATIO OF DEATHS AND PERSONAL INJURIES TO FIXED TIME INTERVALS.

**MISSOURI TRAFFIC SAFETY PERSONAL INJURY
PROBLEM ANALYSIS CLOCK**

2010

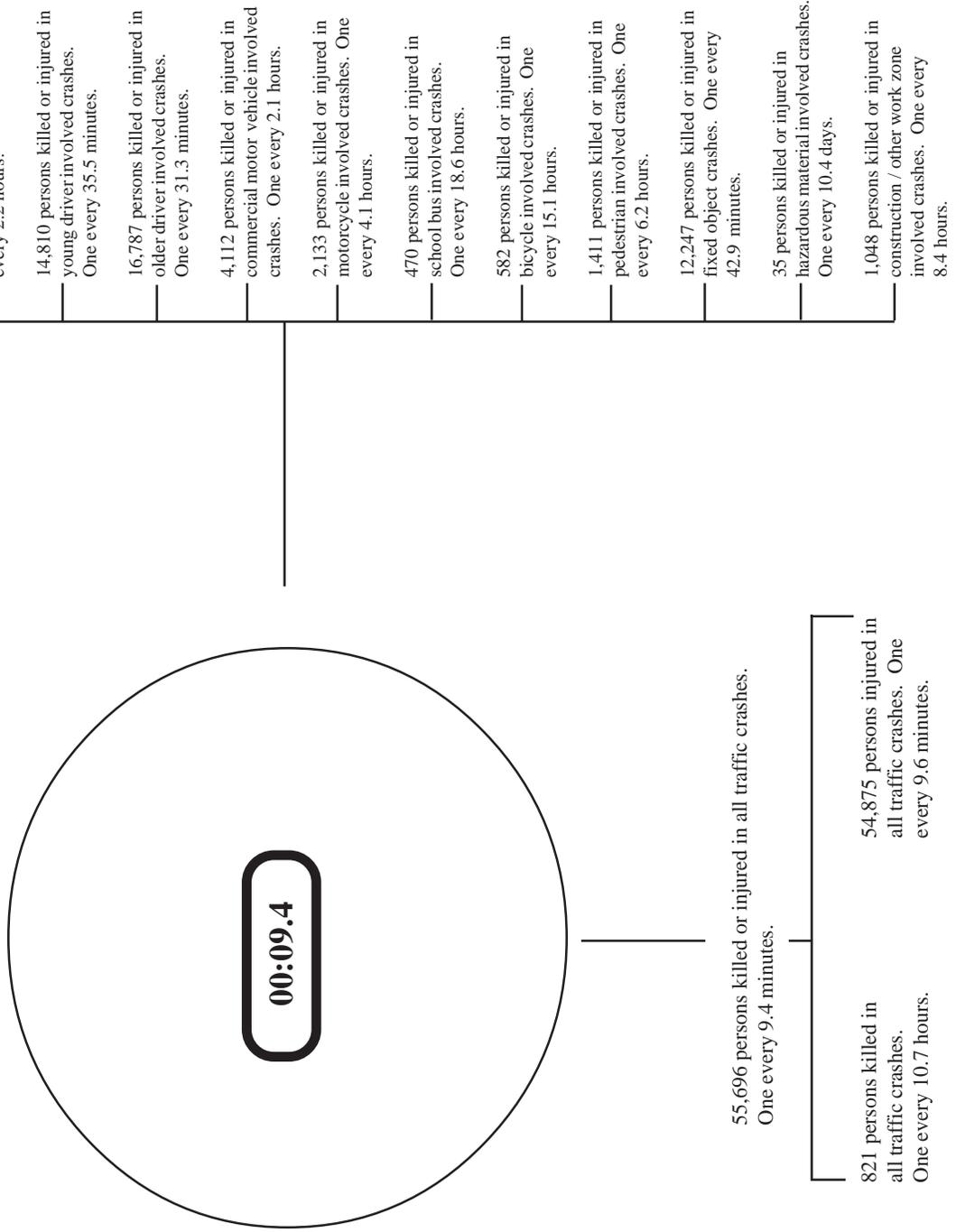


FIGURE 1.0.1

2.0 MISSOURI STATEWIDE TRAFFIC SAFETY ANALYSIS

A SERIES OF TABLES AND FIGURES SUMMARIZES MISSOURI'S TRAFFIC CRASH EXPERIENCE FROM AN HISTORICAL PERSPECTIVE. IN ADDITION, DATA ARE PRESENTED WHICH IDENTIFY MISSOURI'S DRIVER'S LICENSING, VEHICLE REGISTRATION, AND ANNUAL MILES OF TRAVEL ACTIVITY LEVELS. THE PURPOSE OF THESE DISPLAYS IS TO PROVIDE AN HISTORICAL OVERVIEW OF THE FREQUENCY AND SERIOUSNESS OF MISSOURI'S TRAFFIC CRASH PROBLEM IN RELATION TO THE AMOUNT OF TRAVEL INVOLVED AND TO THE IN-STATE DRIVER AND VEHICLE POPULATION LEVELS.

STATE OF MISSOURI, TRAFFIC SAFETY STATISTICS

1986 - 2010

Year	Killed	Injured	Economic Loss	Licensed¹ Drivers	Vehicles² Registered	Miles² Travelled	Death Rate³	Injury Rate⁴
1986	1,143	69,455	1,100,070,000	3,436,028	3,737,386	41,572,000,000	2.7	169.8
1987	1,058	67,743	1,158,640,000	3,472,027	3,760,948	43,379,000,000	2.4	158.6
1988	1,103	69,321	1,368,710,000	3,511,986	3,835,292	45,447,000,000	2.4	155.0
1989	1,052	68,588	1,352,250,000	3,537,276	3,881,896	48,087,000,000	2.2	144.8
1990	1,097	72,493	1,463,320,000	3,702,692	3,948,319	49,891,000,000	2.2	147.5
1991	1,011	67,707	1,616,100,000	3,445,079	3,987,545	50,676,000,000	2.0	135.6
1992	985	70,550	1,981,940,000	3,454,548	4,039,447	53,108,000,000	1.9	134.7
1993	949	77,521	2,561,332,000	3,499,278	4,097,716	54,821,000,000	1.7	143.1
1994	1,089	81,046	3,068,532,000	3,382,050	4,206,637	57,287,000,000	1.9	143.4
1995	1,109	81,174	3,169,354,000	3,688,225	4,250,708	59,115,000,000	1.9	139.2
1996	1,148	82,717	3,066,403,000	3,797,574	4,381,105	61,007,000,000	1.9	137.5
1997	1,192	81,570	2,951,124,000	3,832,875	4,339,101	62,979,000,000	1.9	131.4
1998	1,169	79,765	3,241,096,000	3,955,879	4,405,307	64,533,000,000	1.8	125.4
1999	1,094	78,297	3,166,768,000	3,983,650	4,429,689	66,856,000,000	1.6	118.7
2000	1,157	76,338	3,239,268,000	4,006,790	4,612,009	66,905,000,000	1.7	115.8
2001	1,098	73,629	3,205,959,000	4,019,869	4,244,980	67,635,000,000	1.6	110.5
2002	1,208	72,614	3,398,527,000	4,118,933	4,413,717	68,162,000,000	1.8	108.3
2003	1,232	69,150	3,432,857,000	4,186,002	4,416,352	67,929,000,000	1.8	103.6
2004	1,130	68,678	3,700,111,000	4,262,059	4,928,515	68,300,000,000	1.7	102.2
2005	1,257	66,423	3,713,708,000	4,284,187	4,722,723	68,754,000,000	1.8	98.4
2006	1,096	62,119	3,492,730,000	4,281,710	5,105,733	68,834,000,000	1.6	91.8
2007	992	60,000	3,508,413,000	4,446,471	5,069,869	69,150,000,000	1.4	88.2
2008	960	55,149	3,182,874,600	4,380,292	5,150,584	68,086,000,000	1.4	82.4
2009	878	53,829	3,318,707,000	4,414,942	5,157,017	69,096,000,000	1.3	79.2
2010	821	54,875	3,201,711,600	4,437,280	5,136,835	70,630,000,000	1.2	78.9

¹Licensed drivers data were obtained from the Missouri Department of Revenue.

²Vehicle registration and miles travelled data were obtained from the Missouri Department of Transportation.

³Number of deaths per 100 million miles of vehicle travel.

⁴Number of deaths and injuries per 100 million miles of vehicle travel.

TABLE 2.0.1

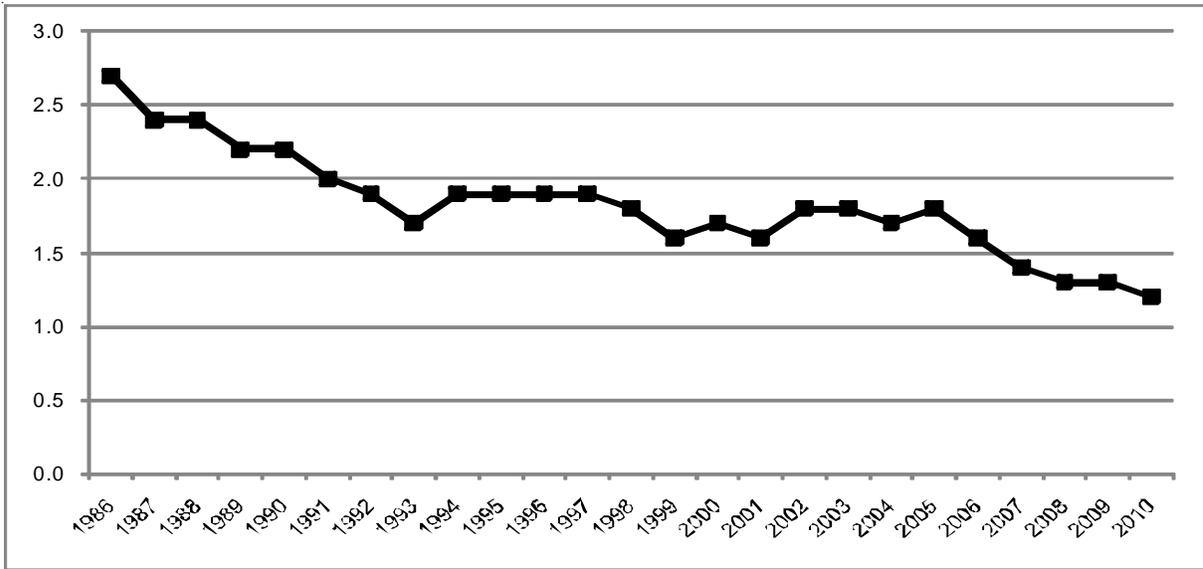
2001 - 2010 MISSOURI TRAFFIC CRASHES

YEAR BY CRASH SEVERITY

YEAR	FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL	
2001	973		48,325		139,358		188,656	
<i>ROW %</i>	<i>0.5</i>		<i>25.6</i>		<i>73.9</i>		<i>100.0</i>	
2002	1,082		47,981		136,743		185,806	
<i>ROW %</i>	<i>0.6</i>		<i>25.8</i>		<i>73.6</i>		<i>100.0</i>	
2003	1,095		45,990		135,650		182,735	
<i>ROW %</i>	<i>0.6</i>		<i>25.2</i>		<i>74.2</i>		<i>100.0</i>	
2004	1,006		45,855		135,400		182,261	
<i>ROW %</i>	<i>0.5</i>		<i>25.2</i>		<i>74.3</i>		<i>100.0</i>	
2005	1,117		44,667		129,364		175,148	
<i>ROW %</i>	<i>0.6</i>		<i>25.5</i>		<i>73.9</i>		<i>100.0</i>	
2006	971		42,164		124,101		167,236	
<i>ROW %</i>	<i>0.6</i>		<i>25.2</i>		<i>74.2</i>		<i>100.0</i>	
2007	900		40,981		124,171		166,052	
<i>ROW %</i>	<i>0.5</i>		<i>24.7</i>		<i>74.8</i>		<i>100.0</i>	
2008	845		38,040		116,964		155,849	
<i>ROW %</i>	<i>0.5</i>		<i>24.4</i>		<i>75.1</i>		<i>100.0</i>	
2009	786		36,999		115,210		152,995	
<i>ROW %</i>	<i>0.5</i>		<i>24.2</i>		<i>75.3</i>		<i>100.0</i>	
2010	778		37,613		112,962		151,353	
<i>ROW %</i>	<i>0.5</i>		<i>24.9</i>		<i>74.6</i>		<i>100.0</i>	

TABLE 2.0.2

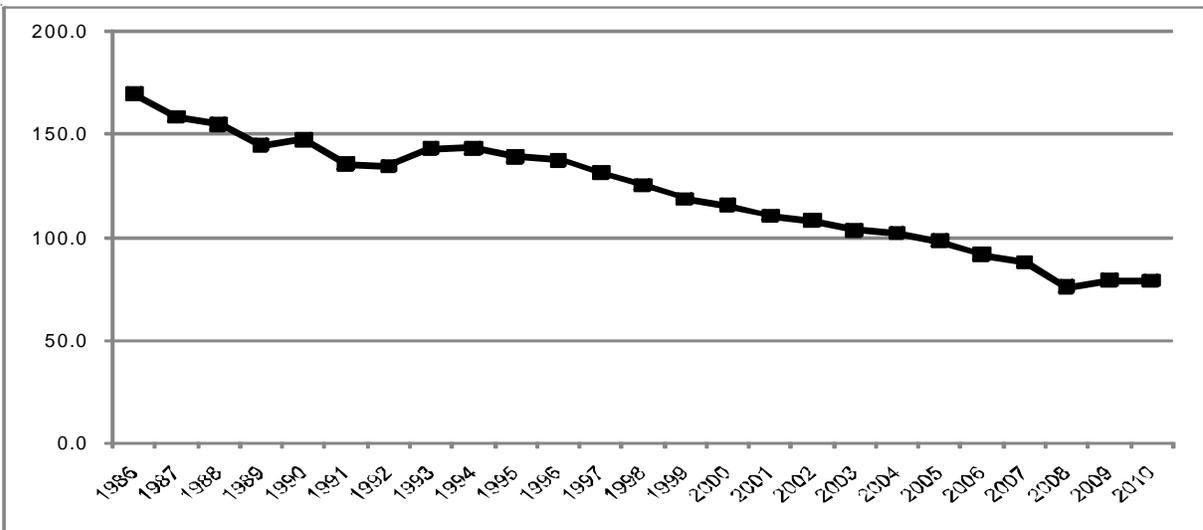
**MISSOURI DEATH RATE¹
ANNUAL TIME SERIES**



¹Number of deaths per 100 million miles of vehicle travel.

FIGURE 2.0.1

**MISSOURI INJURY RATE¹
ANNUAL TIME SERIES**



¹Number of deaths and injuries per 100 million miles of vehicle travel.

FIGURE 2.0.2

2.1 MISSOURI TRAFFIC CRASHES

This section presents a series of data displays which identify all Missouri traffic crash activity. Data displays also are provided which describe characteristics of the drivers in these traffic crashes.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 0.5% involved one or more persons being killed in the crash (Fatal) and 24.9% involved no persons killed, but one or more persons injured in the crash (Personal Injury). In 74.6% of the crashes, no persons were killed or injured, but property was damaged during the crash (Property Damage).
- There was a decrease of 1.0% for the fatal rate of change and a decrease of 1.1% when comparing all 2010 traffic crash activity with that in 2009.
- In 2010, 821 persons were killed and 54,875 were injured in traffic crashes in the State of Missouri.
- In 2010, one person was killed or injured in a traffic crash every 9.4 minutes in the State of Missouri.
- Of all 2010 crashes, the first harmful event in 64.2% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 20.1% of the cases, it involved a motor vehicle striking a fixed object. Of all 2010 fatal crashes, 41.3% involved a motor vehicle striking a fixed object.
- Of all 2010 traffic crashes, 65.5% occurred in an urban area of the State and 34.5% occurred in a rural area. However, in fatal crashes 70.0% occurred in rural area.
- Of all drivers in 2010 traffic crashes, 55.0% were male and 45.0% were female. The average age of drivers was 38.9 years.
- Of all drivers in 2010 traffic crashes, 87.1% had a Missouri driver's license, 10.3% had an out-of-state driver's license, and 2.6% were unlicensed at the time of the traffic crash.

Please note: The number of persons killed and injured in traffic crashes may not necessarily match the number of fatal and personal injury crashes. In any given crash, multiple people may be involved. For example -- there may be one person killed and two injured in a crash, but there is still only one crash.

2009 AND 2010 MISSOURI TRAFFIC CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	786	778	-1.0
PERSONAL INJURY	36,999	37,613	+1.7
PROPERTY DAMAGE	115,210	112,962	-2.0
TOTAL	152,995	151,353	-1.1
PERSONS KILLED	878	821	-6.5
PERSONS INJURED	53,835	54,875	+1.9

TABLE 2.1.1

2010 MISSOURI TRAFFIC CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	3	0.4	428	1.1	3,883	3.4	4,314	2.9
BICYCLIST	7	0.9	548	1.5	112	0.1	667	0.4
FIXED OBJECT	322	41.4	9,263	24.6	20,887	18.5	30,472	20.1
OTHER OBJECT	6	0.8	175	0.5	1,201	1.0	1,382	0.9
PEDESTRIAN	51	6.6	1,085	2.9	112	0.1	1,248	0.8
TRAIN	6	0.8	12	0.0	18	0.0	36	0.0
VEHICLE IN TRANSPORT	276	35.5	23,164	61.6	73,671	65.2	97,111	64.2
VEHICLE ON OTHER ROADWAY	4	0.5	26	0.1	100	0.1	130	0.1
PARKED VEHICLE	7	0.9	710	1.9	10,912	9.7	11,629	7.7
NONCOLLISION OVERTURN	85	10.9	1,903	5.0	1,162	1.0	3,150	2.1
NONCOLLISION OTHER	11	1.4	299	0.8	904	0.8	1,214	0.8
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0

TABLE 2.1.2

2010 MISSOURI TRAFFIC CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	234	30.1	23,352	62.1	75,528	66.9	99,114	65.5
RURAL	544	69.9	14,261	37.9	37,434	33.1	52,239	34.5
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0

TABLE 2.1.3

2010 MISSOURI TRAFFIC CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	522	67.3	30,374	81.6	93,829	85.6	124,725	84.5
CURVE	253	32.7	6,859	18.4	15,798	14.4	22,910	15.5
UNKNOWN	3	-	380	-	3,335	-	3,718	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0

TABLE 2.1.4

2010 MISSOURI TRAFFIC CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	358	46.4	24,278	65.6	77,030	71.0	101,666	69.5
HILL	391	50.7	11,749	31.8	29,057	26.8	41,197	28.2
CREST	23	3.0	957	2.6	2,386	2.2	3,366	2.3
UNKNOWN	6	-	629	-	4,489	-	5,124	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0

TABLE 2.1.5

2010 MISSOURI TRAFFIC CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	653	84.6	29,122	78.2	83,966	75.4	113,741	76.2
WET	92	11.9	6,149	16.5	18,594	16.7	24,835	16.6
SNOW	16	2.1	1,243	3.3	5,952	5.4	7,211	4.8
ICE	11	1.4	567	1.5	2,154	1.9	2,732	1.8
SLUSH	0	0.0	128	0.3	511	0.5	639	0.4
MUD	0	0.0	12	0.0	36	0.0	48	0.0
STANDING WATER	0	0.0	18	0.1	53	0.1	71	0.1
MOVING WATER	0	0.0	9	0.0	35	0.0	44	0.0
UNKNOWN	6	-	365	-	1,661	-	2,032	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0

TABLE 2.1.6

2010 MISSOURI TRAFFIC CRASHES

LIGHT CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DAYLIGHT	427	54.9	26,758	71.1	79,945	70.8	107,130	70.8
DARK -- STREET LIGHTS ON	108	13.9	6,049	16.1	19,539	17.3	25,696	17.0
DARK -- STREET LIGHTS OFF	4	0.5	198	0.5	644	0.6	846	0.6
DARK -- NO STREET LIGHTS	231	29.7	4,265	11.3	10,693	9.5	15,189	10.0
INDETERMINATE	8	1.0	342	0.9	2,141	1.9	2,491	1.6
UNKNOWN	0	-	1	-	0	-	1	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0

TABLE 2.1.7

2010 MISSOURI TRAFFIC CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	96	12.3	4,363	11.6	14,393	12.7	18,852	12.5
U.S. HIGHWAY	148	19.0	4,051	10.8	10,595	9.4	14,794	9.8
STATE NUMBERED	162	20.8	6,143	16.3	15,370	13.6	21,675	14.3
SINGLE STATE LETTERED	93	12.0	2,548	6.8	4,980	4.4	7,621	5.0
DOUBLE STATE LETTERED	37	4.8	1,109	3.0	2,263	2.0	3,409	2.3
OUTER ROAD	4	0.5	262	0.7	744	0.7	1,010	0.7
COUNTY ROAD	93	12.0	3,123	8.3	8,376	7.4	11,592	7.7
CITY STREET	134	17.2	15,206	40.4	52,827	46.8	68,167	45.0
INTERSTATE LOOP	1	0.1	87	0.2	279	0.3	367	0.2
OTHER ¹	10	1.3	721	1.9	3,134	2.8	3,865	2.6
TOTAL	778	100.0	37,613	100.0	112,961	100.0	151,352	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 2.1.8

2010 MISSOURI TRAFFIC CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN										RURAL									
	FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL		%		FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL		%	
	%		%		%		%		%		%		%		%		%		%	
INTERSTATE	45	19.2	2,936	12.6	8,539	11.3	11,520	11.6	51	9.4	1,427	10.0	5,854	15.6	7,332	14.0				
U.S. HIGHWAY	33	14.1	1,962	8.4	5,451	7.2	7,446	7.5	115	21.1	2,089	14.7	5,144	13.7	7,348	14.1				
STATE NUMBERED	20	8.6	2,519	10.8	7,623	10.1	10,162	10.3	142	26.1	3,624	25.4	7,747	20.7	11,513	22.0				
SINGLE STATE LETTERED	4	1.7	443	1.9	1,293	1.7	1,740	1.8	89	16.4	2,105	14.8	3,687	9.9	5,881	11.3				
DOUBLE STATE LETTERED	4	1.7	296	1.3	811	1.1	1,111	1.1	33	6.1	813	5.7	1,452	3.9	2,298	4.4				
OUTER ROAD	2	0.9	174	0.8	496	0.7	672	0.7	2	0.4	88	0.6	248	0.7	338	0.7				
COUNTY ROAD	3	1.3	285	1.2	1,051	1.4	1,339	1.4	90	16.5	2,838	19.9	7,325	19.6	10,253	19.6				
CITY STREET	119	50.9	14,205	60.8	47,910	63.4	62,234	62.8	15	2.8	1,001	7.0	4,917	13.1	5,933	11.4				
INTERSTATE LOOP	1	0.4	44	0.2	121	0.2	166	0.2	0	0.0	43	0.3	158	0.4	201	0.4				
OTHER ¹	3	1.3	488	2.1	2,233	3.0	2,724	2.8	7	1.3	233	1.6	902	2.4	1,142	2.2				
TOTAL	234	100.0	23,352	100.0	75,528	100.0	99,114	100.0	544	100.0	14,261	100.0	37,434	100.0	52,238	100.0				

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 2.1.9

2010 MISSOURI TRAFFIC CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	13,297	8.8
FEBRUARY	11,969	7.9
MARCH	11,770	7.8
APRIL	12,259	8.1
MAY	12,615	8.3
JUNE	12,342	8.2
JULY	12,390	8.2
AUGUST	12,094	8.0
SEPTEMBER	12,748	8.4
OCTOBER	13,369	8.8
NOVEMBER	12,838	8.5
DECEMBER	13,662	9.0
TOTAL	151,353	100.0

TABLE 2.1.10

2010 MISSOURI TRAFFIC CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	15,833	10.5
MONDAY	20,749	13.7
TUESDAY	21,400	14.2
WEDNESDAY	23,200	15.4
THURSDAY	22,376	14.8
FRIDAY	27,524	18.2
SATURDAY	20,049	13.3
UNKNOWN	222	--
TOTAL	151,353	100.0

TABLE 2.1.11

2010 MISSOURI TRAFFIC CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	2,957	2.0
01:00A - 01:59A	2,731	1.8
02:00A - 02:59A	1,966	1.3
03:00A - 03:59A	1,649	1.1
04:00A - 04:59A	1,237	0.8
05:00A - 05:59A	1,816	1.2
06:00A - 06:59A	3,452	2.3
07:00A - 07:59A	8,238	5.5
08:00A - 08:59A	7,087	4.7
09:00A - 09:59A	5,860	3.9
10:00A - 10:59A	6,388	4.3
11:00A - 11:59A	7,850	5.2
NOON - 12:59P	9,259	6.2
01:00P - 01:59P	9,003	6.0
02:00P - 02:59P	10,078	6.7
03:00P - 03:59P	12,800	8.5
04:00P - 04:59P	12,398	8.3
05:00P - 05:59P	12,763	8.5
06:00P - 06:59P	8,781	5.9
07:00P - 07:59P	6,062	4.0
08:00P - 08:59P	5,206	3.5
09:00P - 09:59P	4,975	3.3
10:00P - 10:59P	4,179	2.8
11:00P - MIDNIGHT	3,359	2.2
UNKNOWN	1,259	--
TOTAL	151,353	100.0

TABLE 2.1.12

2010 MISSOURI TRAFFIC CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY¹

	FATAL CRASHES = 778	TOTAL CRASHES = 151,353
VEHICLE DEFECTS	2.1	2.7
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.1
IMPROPERLY STOPPED ON ROADWAY	0.5	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	38.8	17.8
IMPROPER PASSING	3.1	1.6
VIOLATION OF STOP SIGN	6.7	3.9
WRONG SIDE NOT PASSING	10.5	1.6
FOLLOWING TOO CLOSE	2.8	14.7
IMPROPER SIGNAL	0.0	0.2
IMPROPER BACKING	0.0	3.1
IMPROPER TURN	0.6	3.5
IMPROPER LANE USAGE / CHANGE	21.6	10.6
WRONG WAY ONE-WAY STREET	1.4	0.2
IMPROPER START FROM PARK	0.1	0.3
IMPROPERLY PARKED	0.3	0.4
FAILED TO YIELD	12.3	15.3
DRINKING	25.3	4.1
DRUGS	6.8	0.8
PHYSICAL IMPAIRMENT	5.8	1.9
INATTENTION	23.4	27.1

¹This table identifies the percentage of Missouri traffic crashes having a specific type of circumstance which contributed to the cause of the crash. For instance, when examining drinking involvement in 2010 Missouri fatal traffic crashes, it was found that in 25.3% of the crashes one or more drivers were drinking. In all traffic crashes, 4.1% had one or more drivers who were drinking.

TABLE 2.1.13

CAUSES OF DRIVER INATTENTION IN 2010 MISSOURI TRAFFIC CRASHES

TYPE OF INATTENTION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
CELL PHONE	21	11.1	558	5.2	1,193	3.8	1,772	4.2
AUDIO/VIDEO EQUIPMENT	0	0.0	233	2.2	448	1.4	681	1.6
COMPUTER EQUIPMENT	1	0.5	50	0.5	108	0.3	159	0.4
PASSENGER	4	2.1	367	3.4	654	2.1	1,025	2.4
TOBACCO USE	0	0.0	76	0.7	117	0.4	193	0.5
EATING/DRINKING	2	1.1	153	1.4	324	1.0	479	1.1
READING	1	0.5	20	0.2	63	0.2	84	0.2
GROOMING	0	0.0	20	0.2	52	0.2	72	0.2
OTHER	155	82.0	8,851	82.5	26,727	84.6	35,733	84.0
UNKNOWN	5	2.7	404	3.8	1,912	6.1	2,321	5.5
TOTAL	189	100.0	10,732	100.0	31,598	100.0	42,519	100.0

TABLE 2.1.14

DRIVERS IN 2010 MISSOURI TRAFFIC CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	35	2.9	1,385	2.1	13,020	6.4	14,440	5.3
KNOWN DRIVER	1,149	95.7	64,556	95.7	178,354	86.9	244,059	89.1
UNKNOWN DRIVER	17	1.4	1,548	2.3	13,770	6.7	15,335	5.6
TOTAL	1,201	100.0	67,489	100.0	205,146	100.0	273,834	100.0

TABLE 2.1.15

DRIVERS IN 2010 MISSOURI TRAFFIC CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	848	73.8	34,829	54.0	97,615	55.3	133,292	55.0
FEMALE	301	26.2	29,720	46.0	78,849	44.7	108,870	45.0
UNKNOWN	17	-	1,554	-	15,656	-	17,227	-
TOTAL	1,166	100.0	66,103	100.0	192,120	100.0	259,389	100.0

TABLE 2.1.16

DRIVERS IN 2010 MISSOURI TRAFFIC CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	43.1	-	38.5	-	39.0	-	38.9	-
14 YEARS AND UNDER	5	0.4	249	0.4	91	0.1	345	0.1
15 - 20 YEARS	118	10.3	10,271	16.0	27,556	15.7	37,945	15.8
21 - 25 YEARS	138	12.0	8,935	13.9	23,434	13.4	32,507	13.5
26 - 30 YEARS	106	9.2	7,024	11.0	19,363	11.0	26,493	11.0
31 - 35 YEARS	77	6.7	5,678	8.9	15,488	8.8	21,243	8.8
36 - 40 YEARS	94	8.2	5,315	8.3	14,624	8.3	20,033	8.3
41 - 45 YEARS	108	9.4	4,941	7.7	13,939	7.9	18,988	7.9
46 - 50 YEARS	104	9.1	5,280	8.2	14,906	8.5	20,290	8.4
51 - 55 YEARS	110	9.6	4,864	7.6	13,086	7.5	18,060	7.5
56 - 60 YEARS	89	7.8	3,761	5.9	10,502	6.0	14,352	6.0
61 - 65 YEARS	55	4.8	2,751	4.3	7,823	4.5	10,629	4.4
66 YEARS AND OVER	145	12.5	5,085	7.9	14,747	8.4	19,977	8.3
UNKNOWN	17	-	1,949	-	16,561	-	18,527	-
TOTAL	1,166	100.0	66,103	100.0	192,120	100.0	259,389	100.0

TABLE 2.1.17

DRIVERS IN 2010 MISSOURI TRAFFIC CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	2	0.2	351	0.6	769	0.5	1,122	0.5
OPERATOR'S LICENSE	787	69.7	50,751	81.2	136,462	80.6	188,000	80.7
MOTORCYCLE ONLY	0	0.0	7	0.0	10	0.0	17	0.0
COMMERCIAL DRIVER'S LICENSE	120	10.6	3,292	5.3	10,363	6.1	13,775	5.9
SUBTOTAL	909	80.5	54,401	87.1	147,604	87.2	202,914	87.1
OUT STATE								
LEARNER'S PERMIT	0	0.0	21	0.0	32	0.0	53	0.0
OPERATOR'S LICENSE	94	8.3	4,935	7.9	15,122	8.9	20,151	8.7
MOTORCYCLE ONLY	0	0.0	0	0.0	1	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	33	2.9	753	1.2	2,990	1.8	3,776	1.6
SUBTOTAL	127	11.2	5,709	9.1	18,145	10.7	23,981	10.3
UNLICENSED	96	8.5	2,393	3.8	3,530	2.1	6,019	2.6
UNKNOWN	34	-	3,600	-	22,841	-	26,475	-
TOTAL	1,166	100.0	66,103	100.0	192,120	100.0	259,389	100.0

TABLE 2.1.18

VEHICLES IN 2010 MISSOURI TRAFFIC CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	459	38.5	36,636	54.4	111,436	55.3	148,531	55.0
SPORT UTILITY VEHICLE	178	14.9	11,138	17.0	33,495	16.6	44,811	16.6
LIMOUSINE	0	0.0	19	0.0	63	0.0	82	0.0
VAN	62	5.2	4,399	6.5	12,745	6.3	17,206	6.4
BUS	3	0.3	229	0.3	930	0.5	1,162	0.4
SCHOOL BUS	5	0.4	147	0.2	695	0.4	847	0.3
MOTORCYCLE	96	8.1	1,774	2.6	491	0.2	2,361	0.9
ALL TERRAIN VEHICLE	21	1.8	178	0.3	36	0.0	235	0.1
MOPED	2	0.2	109	0.2	20	0.0	131	0.1
BICYCLE	7	0.6	555	0.8	114	0.1	676	0.3
MOTOR HOME / CAMPER	2	0.2	23	0.0	109	0.1	134	0.1
FARM EQUIPMENT	3	0.3	59	0.1	143	0.1	205	0.1
CONSTRUCTION EQUIPMENT	1	0.1	25	0.0	136	0.1	162	0.1
OTHER TRANSPORT DEVICE	14	1.2	101	0.2	339	0.2	454	0.2
PICK-UP	256	21.5	10,049	14.9	32,285	16.0	42,590	15.8
OTHER TRUCK	85	7.1	1,868	2.8	8,371	4.2	10,324	3.8
UNKNOWN	7	-	180	-	3,736	-	3,923	-
TOTAL	1,201	100.0	67,489	100.0	205,144	100.0	273,834	100.0

TABLE 2.1.19

PERSONS KILLED AND INJURED IN 2010 MISSOURI TRAFFIC CRASHES

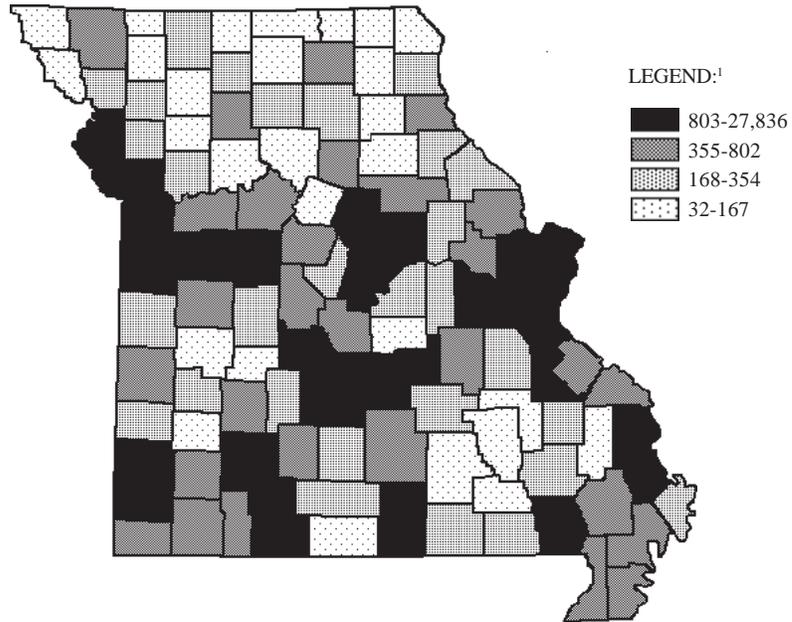
CRASH TYPE BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	TOTAL	%
ANIMAL	3	0.4	501	0.9	504	0.9
BICYCLIST	7	0.9	566	1.0	573	1.0
FIXED OBJECT	337	41.1	11,910	21.7	12,245	22.0
OTHER OBJECT	6	0.7	216	0.4	222	0.4
PEDESTRIAN	51	6.2	1,166	2.1	1,217	2.2
TRAIN	6	0.7	61	0.1	67	0.1
VEHICLE IN TRANSPORT	301	36.7	36,620	66.7	36,921	66.3
VEHICLE ON OTHER ROADWAY	5	0.6	43	0.1	48	0.1
PARKED VEHICLE	7	0.9	900	1.6	907	1.6
NONCOLLISION OVERTURN	86	10.5	2,534	4.6	2,620	4.7
NONCOLLISION OTHER	12	1.5	358	0.7	370	0.7
TOTAL	821	100.0	54,875	100.0	55,694	100.0

TABLE 2.1.20

2010 MISSOURI TRAFFIC CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	27,836	18.4	22.0	JOHNSON	1,098	0.7
2.0	JACKSON	21,914	14.5	23.0	NEWTON	1,089	0.7
3.0	ST LOUIS CITY	14,760	9.8	24.0	PULASKI	1,074	0.7
4.0	GREENE	8,401	5.6	25.0	CALLAWAY	1,050	0.7
5.0	ST CHARLES	7,599	5.0	26.0	LACLEDE	948	0.6
6.0	CLAY	5,366	3.5	27.0	CAMDEN	917	0.6
7.0	JEFFERSON	4,388	2.9	28.0	HOWELL	826	0.5
8.0	JASPER	3,027	2.0	29.0	SCOTT	824	0.5
9.0	BUCHANAN	2,739	1.8				
10.0	FRANKLIN	2,708	1.0				First Quartile
11.0	CAPE GIRARDEAU	2,654	1.8				
12.0	BOONE	2,636	1.7				Second Quartile
13.0	PLATTE	2,235	1.5	30.0	MARION	802	0.5
14.0	COLE	1,920	1.3	31.0	LINCOLN	791	0.5
15.0	CASS	1,682	1.1	32.0	WARREN	757	0.5
16.0	PHELPS	1,569	1.0	33.0	WEBSTER	713	0.5
17.0	TANEY	1,517	1.0	34.0	LAFAYETTE	710	0.5
18.0	PETTIS	1,333	0.9	35.0	BARRY	645	0.4
19.0	BUTLER	1,314	0.9	36.0	LAWRENCE	640	0.4
20.0	ST FRANCOIS	1,161	0.8	37.0	RANDOLPH	632	0.4
21.0	CHRISTIAN	1,119	0.7	38.0	SALINE	591	0.4
				39.0	DUNKLIN	573	0.4
				40.0	STONE	561	0.4

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.0	MILLER	553	0.4	79.0	DOUGLAS	212	0.1
42.0	CRAWFORD	534	0.4	80.0	BARTON	203	0.1
43.0	STODDARD	529	0.3	81.0	MADISON	194	0.1
44.0	POLK	494	0.3	82.0	HARRISON	192	0.1
45.0	COOPER	476	0.3	83.0	OREGON	191	0.1
46.0	PEMISCOT	473	0.3	84.0	MISSISSIPPI	182	0.1
47.0	PERRY	460	0.3	85.0	GRUNDY	181	0.1
48.0	AUDRAIN	454	0.3	86.5	CEDAR	170	0.1
49.0	VERNON	429	0.3	86.5	LEWIS	170	0.1
50.0	HENRY	423	0.3	88.0	BOLLINGER	167	0.1
51.0	ADAIR	416	0.3				
52.0	LIVINGSTON	414	0.3				Third Quartile
53.0	NODAWAY	405	0.3				
54.5	MC DONALD	398	0.3				Fourth Quartile
54.5	TEXAS	398	0.3	89.0	IRON	164	0.1
56.0	NEW MADRID	379	0.3	90.0	ST CLAIR	149	0.1
57.0	MORGAN	365	0.2	91.0	MARIES	144	0.1
58.0	STE GENEVIEVE	360	0.2	92.5	CARTER	135	0.1
			Second Quartile	92.5	MONROE	135	0.1
				94.0	DAVIESS	131	0.1
			Third Quartile	95.0	CALDWELL	129	0.1
59.0	BENTON	354	0.2	96.5	HOWARD	126	0.1
60.0	MACON	344	0.2	96.5	SHANNON	126	0.1
61.0	WASHINGTON	340	0.2	98.0	CARROLL	122	0.1
62.0	DENT	332	0.2	99.0	SULLIVAN	120	0.1
63.5	BATES	331	0.2	100.0	OZARK	119	0.1
63.5	MONTGOMERY	331	0.2	101.0	ATCHISON	111	0.1
65.0	RAY	328	0.2	102.0	HICKORY	107	0.1
66.0	CLINTON	311	0.2	103.5	CLARK	105	0.1
67.0	ANDREW	308	0.2	103.5	HOLT	105	0.1
68.0	GASCONADE	291	0.2	105.0	REYNOLDS	101	0.1
69.0	MONITEAU	278	0.2	106.0	CHARITON	97	0.1
70.0	WAYNE	261	0.2	107.0	GENTRY	80	0.1
71.0	PIKE	260	0.2	108.0	SCOTLAND	77	0.1
72.0	OSAGE	252	0.2	109.5	MERCER	57	0.0
73.5	RIPLEY	250	0.2	109.5	PUTNAM	57	0.0
73.0	WRIGHT	250	0.2	111.0	SHELBY	56	0.0
75.0	DALLAS	223	0.1	112.0	DADE	51	0.0
76.0	DE KALB	222	0.1	113.0	KNOX	40	0.0
77.0	RALLS	218	0.1	114.0	SCHUYLER	39	0.0
78.0	LINN	213	0.1	115.0	WORTH	32	0.0

TABLE 2.1.21

2010 MISSOURI TRAFFIC CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	17,298	15.7
2.0	ST. LOUIS	14,762	13.4
3.0	SPRINGFIELD	6,960	6.3
4.0	INDEPENDENCE	3,059	2.8
5.0	ST. JOSEPH	2,430	2.2
6.0	LEE'S SUMMIT	2,151	1.9
7.0	JOPLIN	2,116	1.9
8.0	ST. CHARLES	1,896	1.7
9.0	COLUMBIA	1,847	1.7
10.0	CAPE GIRARDEAU	1,803	1.6
11.0	FLORISSANT	1,691	1.5
12.0	O'FALLON	1,600	1.5
13.0	JEFFERSON CITY	1,571	1.4
14.0	ST. PETERS	1,423	1.3
15.0	CHESTERFIELD	1,322	1.2
16.0	CREVE COEUR	1,226	1.1
17.0	BLUE SPRINGS	1,192	1.1
18.0	MARYLAND HEIGHTS	1,104	1.0
19.0	SEDALIA	910	0.8
20.0	POPLAR BLUFF	887	0.8
21.0	KIRKWOOD	864	0.8
22.0	TOWN AND COUNTRY	861	0.8
23.0	HAZELWOOD	858	0.8
24.0	ROLLA	827	0.7
25.0	SUNSET HILLS	746	0.7
26.0	BRIDGETON	742	0.7
27.0	BRANSON	732	0.7
28.0	LIBERTY	730	0.7
29.0	UNIVERSITY CITY	658	0.6
30.0	RICHMOND HEIGHTS	657	0.6
31.0	FENTON	608	0.6
32.0	BELTON	560	0.5
33.0	HANNIBAL	558	0.5
34.0	GLADSTONE	549	0.5
35.0	WENTZVILLE	544	0.5
36.0	OVERLAND	542	0.5
37.0	CLAYTON	524	0.5
38.0	WARRENSURG	520	0.5
39.0	RAYTOWN	503	0.5
40.0	ARNOLD	502	0.5
41.0	GRANDVIEW	501	0.5
42.0	WILDWOOD	497	0.5

¹Percentage is based on traffic crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 2.1.22

**MISSOURI FATAL CRASHES
ANNUAL TIME SERIES**

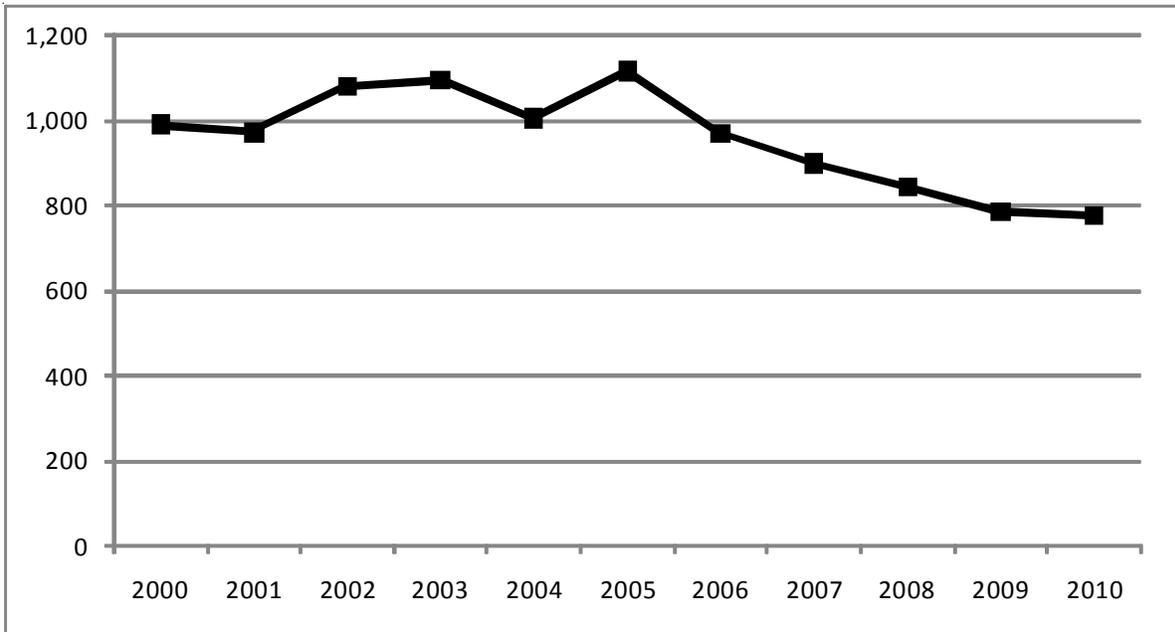


FIGURE 2.1.1

**MISSOURI FATAL AND PERSONAL INJURY CRASHES
ANNUAL TIME SERIES**

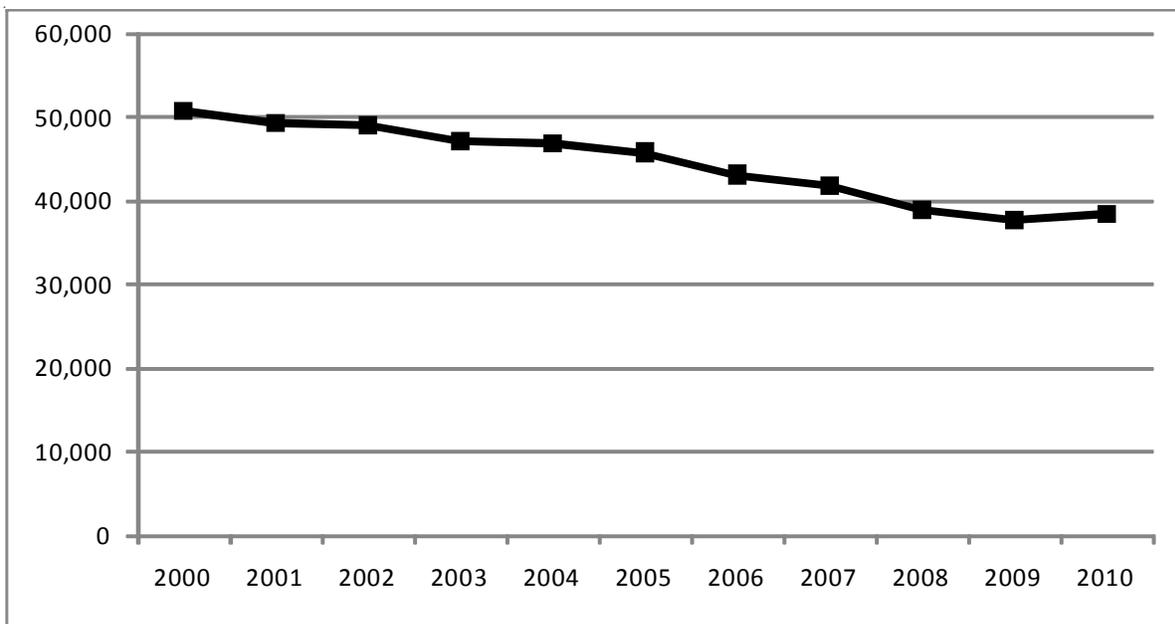


FIGURE 2.1.2

3.0 MISSOURI DETAIL TRAFFIC SAFETY PROBLEM ANALYSIS

A SERIES OF TABLES AND FIGURES SUMMARIZES MISSOURI'S TRAFFIC CRASH EXPERIENCE AS IT RELATES TO SPECIFIC TYPES OF CAUSATIVE FACTORS OR CHARACTERISTICS WHICH AFFECT THE FREQUENCY OF OCCURRENCE OR THE SEVERITY OF THE CRASH. DETAIL ANALYSIS IS PROVIDED FOR THE FOLLOWING SPECIFIC TYPES :

- *SPEED INVOLVEMENT*
- *DRINKING INVOLVEMENT*
- *YOUNG DRIVER INVOLVEMENT*
- *OLDER DRIVER INVOLVEMENT*
- *COMMERCIAL MOTOR VEHICLE INVOLVEMENT*
- *MOTORCYCLE INVOLVEMENT*
- *SCHOOL BUS INVOLVEMENT*
- *BICYCLE INVOLVEMENT*
- *PEDESTRIAN INVOLVEMENT*
- *FIXED OBJECT INVOLVEMENT*
- *HAZARDOUS MATERIAL INVOLVEMENT*
- *CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT*
- *SEAT BELT USAGE*

3.1 SPEED INVOLVEMENT

This section presents a series of data displays which identify speed involvement in Missouri's traffic crash experience. Speed-involved traffic crashes are defined as any crash in which one or more drivers of motorized vehicles were exceeding the speed limit or driving too fast for conditions and, in the opinion of the investigating law enforcement officer, the driver error contributed to the cause of the crash. Data displays also are presented which identify characteristics of the speeding driver in these traffic crashes.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 18.4% were speed related. Of all fatal traffic crashes, 39.5% were speed related. A total of 324 persons were killed and 12,220 were injured in speed-related traffic crashes.
- There was a increase of 1.4% in the rate of change when comparing total 2010 speed-related crashes with those in 2009. There was a decrease of 5.6% when comparing 2010 fatal speed-related traffic crashes with 2009.
- In 2010, one person was killed or injured in a speed-related traffic crash every 41.9 minutes in the State of Missouri.
- Of all 2010 speed-related traffic crashes, the first harmful event in 36.9% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In 50.0% of the cases, the first harmful event involved a motor vehicle striking a fixed object. Of all fatal speed-related traffic crashes, 58.3% involved a motor vehicle striking a fixed object.
- Of all 2010 speed-related traffic crashes, 50.3% occurred in urban areas of the State and 49.7% occurred in rural areas. However, 68.5% of the fatal speed-related traffic crashes occurred in a rural area.
- Of the speeding drivers in traffic crashes, 62.3% were male and 37.7% were female. The average age of speeding drivers was 32.3 years.
- Of the speeding drivers, 83.2% had a Missouri driver's license, 10.9% had an out-of-state driver's license, and 5.9% were unlicensed at the time of the traffic crash.
- Of the speeding drivers, 55.8% were driving an automobile and 18.5% were driving a pickup truck at the time of the crash.
- Of the speeding drivers in fatal traffic crashes, 38.6% had been drinking or had taken drugs which also contributed to the cause of the fatal traffic crash.

2010 MISSOURI TRAFFIC CRASHES

SPEED INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹	SPEEDING DRIVERS²		
									KILLED	INJURED	KILLED	INJURED
SPEED INVOLVED	302	39.5	8,342	22.6	18,213	16.8	26,857	18.4	324	12,220	223	6,111
NO SPEED INVOLVED	462	60.5	28,595	77.4	90,482	83.2	119,539	81.7	483	41,697	-	-
UNKNOWN ³	14	-	676	-	4,267	-	4,957	-	14	958	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	223	6,111

¹This statistic indicates the total number of persons killed and injured in a crash where one or more drivers of motorized vehicles were speeding.

²This statistic indicates the number of speeding drivers killed and injured in motorized vehicles.

³Crashes were classified as unknown if there was no indication that speed was involved and the contributing circumstances of one or more drivers were not known.

TABLE 3.1.1

2009 AND 2010 SPEED-INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	320	302	- 5.6
PERSONAL INJURY	8,371	8,342	- 0.4
PROPERTY DAMAGE	17,796	18,213	+2.3
TOTAL	26,487	26,857	+1.4

TABLE 3.1.2

2010 SPEED-INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	9	0.1	26	0.1	35	0.1
BICYCLIST	0	0.0	12	0.1	0	0.0	12	0.0
FIXED OBJECT	176	58.3	4,131	49.5	9,111	50.0	13,418	50.0
OTHER OBJECT	0	0.0	36	0.4	125	0.7	161	0.6
PEDESTRIAN	5	1.7	61	0.7	2	0.0	68	0.3
TRAIN	0	0.0	2	0.0	0	0.0	2	0.0
VEHICLE IN TRANSPORT	72	23.8	2,904	34.8	6,927	38.0	9,903	36.9
VEHICLE ON OTHER ROADWAY	3	1.0	6	0.1	21	0.1	30	0.1
PARKED VEHICLE	3	1.0	150	1.8	1,197	6.6	1,350	5.0
NONCOLLISION OVERTURN	40	13.3	946	11.3	631	3.5	1,617	6.0
NONCOLLISION OTHER	3	1.0	85	1.0	173	1.0	261	0.9
TOTAL	302	100.0	8,342	100.0	18,213	100.0	26,857	100.0

TABLE 3.1.3

2010 SPEED-INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	95	31.5	3,728	44.7	9,676	53.1	13,499	50.3
RURAL	207	68.5	4,614	55.3	8,537	46.9	13,358	49.7
TOTAL	302	100.0	8,342	100.0	18,213	100.0	26,857	100.0

TABLE 3.1.4

2010 SPEED-INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	158	52.5	5,261	63.5	12,612	70.6	18,031	68.2
CURVE	143	47.5	3,020	36.5	5,241	29.4	8,404	31.8
UNKNOWN	1	-	61	-	360	-	422	-
TOTAL	302	100.0	8,342	100.0	18,213	100.0	26,857	100.0

TABLE 3.1.5

2010 SPEED-INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	120	39.9	4,356	52.8	10,423	58.9	14,899	56.7
HILL	170	56.5	3,637	44.0	6,789	38.3	10,596	40.3
CREST	11	3.7	263	3.2	497	2.8	771	2.9
UNKNOWN	1	-	86	-	504	-	591	-
TOTAL	302	100.0	8,342	100.0	18,213	100.0	26,857	100.0

TABLE 3.1.6

2010 SPEED-INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	226	75.8	4,169	50.7	5,528	31.0	9,923	37.6
WET	48	16.1	2,541	30.9	6,486	36.3	9,075	34.4
SNOW	15	5.0	941	11.5	4,082	22.9	5,038	19.1
ICE	9	3.0	462	5.6	1,431	8.0	1,902	7.2
SLUSH	0	0.0	85	1.0	269	1.5	354	1.3
MUD	0	0.0	7	0.1	6	0.0	13	0.1
STANDING WATER	0	0.0	10	0.1	31	0.2	41	0.2
MOVING WATER	0	0.0	2	0.0	14	0.1	16	0.1
UNKNOWN	4	-	125	-	366	-	495	-
TOTAL	302	100.0	8,342	100.0	18,213	100.0	26,857	100.0

TABLE 3.1.7

2010 SPEED-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	36	11.9	1,353	16.2	3,770	20.7	5,159	19.2
U.S. HIGHWAY	31	10.3	859	10.3	1,833	10.1	2,723	10.1
STATE NUMBERED	59	19.5	1,261	15.1	2,219	12.2	3,539	13.2
SINGLE STATE LETTERED	36	11.9	857	10.3	1,121	6.2	2,014	7.5
DOUBLE STATE LETTERED	20	6.6	351	4.2	482	2.7	853	3.2
OUTER ROAD	2	0.7	43	0.5	116	0.6	161	0.6
COUNTY ROAD	50	16.6	1,322	15.9	2,104	11.6	3,476	12.9
CITY STREET	65	21.5	2,179	26.1	6,256	34.4	8,500	31.7
INTERSTATE LOOP	0	0.0	4	0.1	21	0.1	25	0.1
OTHER ¹	3	1.0	113	1.4	291	1.6	407	1.5
TOTAL	302	100.0	8,342	100.0	18,213	100.0	26,857	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.1.8

2010 SPEED-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	20	21.1	872	23.4	1,958	20.2	2,850	21.1	16	7.7	481	10.4	1,812	21.2	2,309	17.3
U.S. HIGHWAY	9	9.5	311	8.3	719	7.4	1,039	7.7	22	10.6	548	11.9	1,114	13.1	1,684	12.6
STATE NUMBERED	4	4.2	316	8.5	743	7.7	1,063	7.9	55	26.6	945	20.5	1,476	17.3	2,476	18.5
SINGLE STATE LETTERED	0	0.0	57	1.5	127	1.3	184	1.4	36	17.4	800	17.3	994	11.6	1,830	13.7
DOUBLE STATE LETTERED	2	2.1	34	0.9	79	0.8	115	0.9	18	8.7	317	6.9	403	4.7	738	5.5
OUTER ROAD	1	1.1	28	0.8	73	0.8	102	0.8	1	0.5	15	0.3	43	0.5	59	0.4
COUNTY ROAD	1	1.1	54	1.5	151	1.6	206	1.5	49	23.7	1,268	27.5	1,953	22.9	3,270	24.5
CITY STREET	58	61.1	1,994	53.5	5,647	58.4	7,699	57.0	7	3.4	185	4.0	609	7.1	801	6.0
INTERSTATE LOOP	0	0.0	0	0.0	12	0.1	12	0.1	0	0.0	4	0.1	9	0.1	13	0.1
OTHER ¹	0	0.0	62	1.7	167	1.7	229	1.7	3	1.5	51	1.1	124	1.5	178	1.3
TOTAL	95	100.0	3,728	100.0	9,676	100.0	13,499	100.0	207	100.0	4,614	100.0	8,537	100.0	13,358	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.1.9

2010 MISSOURI SPEED-INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	4,252	15.8
FEBRUARY	3,587	13.4
MARCH	1,957	7.3
APRIL	1,627	6.1
MAY	1,862	6.9
JUNE	1,599	6.0
JULY	1,924	7.2
AUGUST	1,342	5.0
SEPTEMBER	1,871	7.0
OCTOBER	1,345	5.0
NOVEMBER	1,980	7.4
DECEMBER	3,511	13.1
TOTAL	26,857	100.0

TABLE 3.1.10

2010 MISSOURI SPEED-INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	4,031	15.0
MONDAY	3,429	12.8
TUESDAY	2,616	9.8
WEDNESDAY	3,993	14.9
THURSDAY	3,493	13.0
FRIDAY	5,195	19.4
SATURDAY	4,073	15.2
UNKNOWN	27	--
TOTAL	26,857	100.0

TABLE 3.1.11

2010 MISSOURI SPEED-INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	841	3.2
01:00A - 01:59A	773	2.9
02:00A - 02:59A	583	2.2
03:00A - 03:59A	530	2.0
04:00A - 04:59A	385	1.5
05:00A - 05:59A	542	2.0
06:00A - 06:59A	805	3.0
07:00A - 07:59A	1,649	6.2
08:00A - 08:59A	1,410	5.3
09:00A - 09:59A	1,096	4.1
10:00A - 10:59A	996	3.7
11:00A - 11:59A	1,095	4.1
NOON - 12:59P	1,195	4.5
01:00P - 01:59P	1,193	4.5
02:00P - 02:59P	1,371	5.2
03:00P - 03:59P	1,741	6.5
04:00P - 04:59P	1,710	6.4
05:00P - 05:59P	1,805	6.8
06:00P - 06:59P	1,499	5.6
07:00P - 07:59P	1,254	4.7
08:00P - 08:59P	1,104	4.2
09:00P - 09:59P	1,035	3.9
10:00P - 10:59P	1,056	4.0
11:00P - MIDNIGHT	965	3.6
UNKNOWN	224	--
TOTAL	26,857	100.0

TABLE 3.1.12

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2010 MISSOURI CRASHES

TYPE OF SPEEDING VIOLATION

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
EXCEEDING SPEED LIMIT	119	38.9	1,182	13.9	1,688	9.1	2,989	10.9
TOO FAST FOR CONDITIONS	169	55.2	7,081	83.3	16,595	89.2	23,845	87.0
EXCEEDING SPEED LIMIT AND TOO FAST FOR CONDITIONS	18	5.9	235	2.8	331	1.8	584	2.1
TOTAL	306	100.0	8,498	100.0	18,614	100.0	27,418	100.0

TABLE 3.1.13

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	241	79.5	5,085	61.9	10,183	62.2	15,509	62.3
FEMALE	62	20.5	3,132	38.1	6,182	37.8	9,376	37.7
UNKNOWN	3	-	281	-	2,249	-	2,533	-
TOTAL	306	100.0	8,498	100.0	18,614	100.0	27,418	100.0

TABLE 3.1.14

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	35.4	-	32.4	-	32.1	-	32.3	-
14 YEARS AND UNDER	2	0.7	49	0.6	20	0.1	71	0.3
15 - 20 YEARS	55	18.2	2,158	26.4	4,287	26.3	6,500	26.3
21 - 25 YEARS	59	19.5	1,470	18.0	3,111	19.1	4,640	18.8
26 - 30 YEARS	33	10.9	961	11.8	2,035	12.5	3,029	12.2
31 - 35 YEARS	22	7.3	717	8.8	1,391	8.5	2,130	8.6
36 - 40 YEARS	23	7.6	577	7.1	1,161	7.1	1,761	7.1
41 - 45 YEARS	30	9.9	475	5.8	1,021	6.3	1,526	6.2
46 - 50 YEARS	22	7.3	545	6.7	1,038	6.4	1,605	6.5
51 - 55 YEARS	18	6.0	435	5.3	768	4.7	1,221	4.9
56 - 60 YEARS	17	5.6	295	3.6	611	3.8	923	3.7
61 - 65 YEARS	4	1.3	206	2.5	338	2.1	548	2.2
66 YEARS AND OVER	18	5.9	276	3.4	505	3.1	799	3.2
UNKNOWN	3	-	334	-	2,328	-	2,665	-
TOTAL	306	100.0	8,498	100.0	18,614	100.0	27,418	100.0

TABLE 3.1.15

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2010 MISSOURI CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	81	1.0	117	0.7	198	0.8
OPERATOR'S LICENSE	209	69.2	6,218	77.5	12,430	78.5	18,857	78.1
MOTORCYCLE ONLY	0	0.0	3	0.0	2	0.0	5	0.0
COMMERCIAL DRIVER'S LICENSE	21	7.0	365	4.5	642	4.1	1,028	4.3
SUBTOTAL	230	76.2	6,667	83.0	13,191	83.3	20,088	83.2
OUT STATE								
LEARNER'S PERMIT	0	0.0	4	0.1	5	0.0	9	0.0
OPERATOR'S LICENSE	25	8.3	617	7.7	1,687	10.7	2,329	9.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	3	1.0	88	1.1	215	1.4	306	1.3
SUBTOTAL	28	9.3	709	8.9	1,907	12.1	2,644	10.9
UNLICENSED	44	14.6	649	8.1	733	4.6	1,426	5.9
UNKNOWN	4	-	473	-	2,783	-	3,260	-
TOTAL	306	100.0	8,498	100.0	18,614	100.0	27,418	100.0

TABLE 3.1.16

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2010 MISSOURI CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	120	39.3	4,389	51.7	10,615	58.0	15,124	55.8
SPORT UTILITY VEHICLE	43	14.1	1,480	17.4	2,999	16.4	4,522	16.7
LIMOUSINE	0	0.0	0	0.0	5	0.0	5	0.0
VAN	14	4.6	347	4.1	736	4.0	1,097	4.1
BUS	1	0.3	9	0.1	20	0.1	30	0.1
SCHOOL BUS	0	0.0	4	0.1	11	0.1	15	0.1
MOTORCYCLE	40	13.1	430	5.1	71	0.4	541	2.0
ALL TERRAIN VEHICLE	12	3.9	85	1.0	7	0.0	104	0.4
MOPED	0	0.0	9	0.1	1	0.0	10	0.0
MOTOR HOME / CAMPER	0	0.0	2	0.0	2	0.0	4	0.0
FARM EQUIPMENT	0	0.0	1	0.0	4	0.0	5	0.0
CONSTRUCTION EQUIPMENT	0	0.0	2	0.0	1	0.0	3	0.0
OTHER TRANSPORT DEVICE	2	0.7	8	0.1	8	0.0	18	0.1
PICKUP TRUCK	69	22.6	1,544	18.2	3,411	18.6	5,024	18.5
OTHER TRUCKS	4	1.3	179	2.1	407	2.2	590	2.2
UNKNOWN	1	-	9	-	316	-	326	-
TOTAL	306	100.0	8,498	100.0	18,614	100.0	27,418	100.0

TABLE 3.1.17

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2010 MISSOURI CRASHES

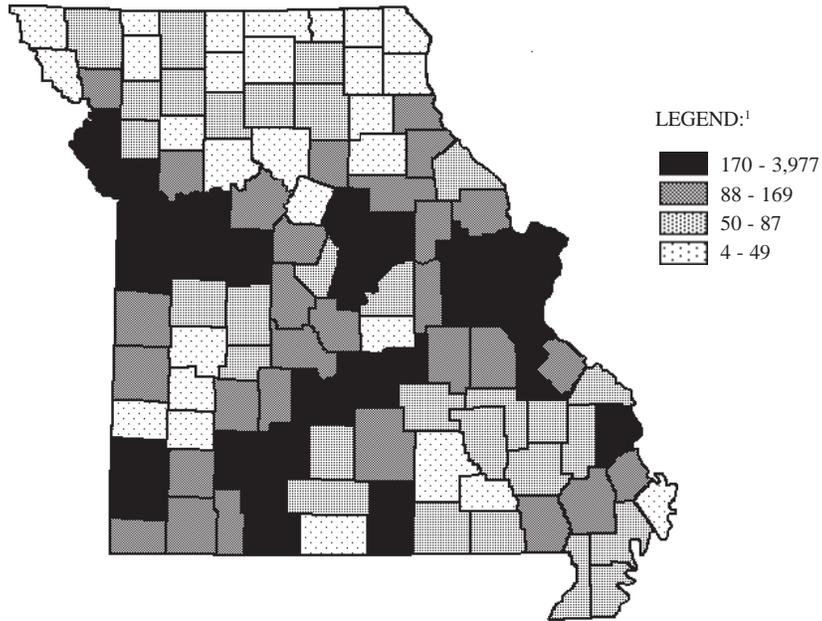
DRIVER INTOXICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRINKING	95	31.1	821	9.7	796	4.3	1,712	6.2
USING DRUGS	8	2.6	78	0.9	54	0.3	140	0.5
DRINKING AND USING DRUGS	15	4.9	77	0.9	39	0.2	131	0.5
NOT DRINKING OR USING DRUGS / USE UNKNOWN	188	61.4	7,522	88.5	17,725	95.2	25,435	92.8
TOTAL	306	100.0	8,498	100.0	18,614	100.0	27,418	100.0

TABLE 3.1.18

2010 SPEED-INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	3,977	14.8	23.0	WARREN	238	0.9
2.0	JACKSON	3,576	13.3	24.0	PETTIS	224	0.8
3.0	ST LOUIS CITY	2,405	9.0	25.0	NEWTON	222	0.8
4.0	ST CHARLES	1,219	4.5	26.0	WEBSTER	218	0.8
5.0	JEFFERSON	898	3.3	27.0	HOWELL	181	0.7
6.0	GREENE	872	3.2	28.0	LACLEDE	174	0.6
7.0	CLAY	854	3.2	29.0	LAFAYETTE	170	0.6
8.0	FRANKLIN	668	2.5				
9.0	BOONE	482	1.8				First Quartile
10.0	PHELPS	422	1.6				
11.0	BUCHANAN	394	1.5				Second Quartile
12.0	PLATTE	392	1.5	30.0	BARRY	169	0.6
13.0	CASS	340	1.3	31.0	STONE	167	0.6
14.0	CAPE GIRARDEAU	337	1.3	32.0	MARION	159	0.6
15.0	CALLAWAY	331	1.2	33.0	POLK	153	0.6
16.0	TANEY	326	1.2	34.0	SCOTT	148	0.6
17.0	JASPER	316	1.2	35.5	CRAWFORD	146	0.5
18.0	ST FRANCOIS	280	1.0	35.5	LAWRENCE	146	0.5
19.0	COLE	256	1.0	37.0	CAMDEN	145	0.5
20.5	CHRISTIAN	251	0.9	38.0	BUTLER	141	0.5
20.5	PULASKI	251	0.9	39.0	SALINE	140	0.5
22.0	JOHNSON	241	0.9	40.0	MILLER	138	0.5
				41.5	LINCOLN	134	0.5

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.5	RANDOLPH	134	0.5	80.5	HARRISON	54	0.2
43.0	MC DONALD	131	0.5	80.5	MADISON	54	0.2
44.0	TEXAS	129	0.5	80.5	REYNOLDS	54	0.2
45.0	MORGAN	128	0.5	84.0	LINN	51	0.2
46.0	COOPER	119	0.4	84.0	OREGON	51	0.2
47.0	MONTGOMERY	117	0.4	84.0	RIPLEY	51	0.2
48.5	STE GENEVIEVE	104	0.4	86.5	BOLLINGER	50	0.2
48.5	WASHINGTON	104	0.4	86.5	DE KALB	50	0.2
50.5	AUDRAIN	99	0.4				
50.5	STODDARD	99	0.4				Third Quartile
52.0	RAY	96	0.4				
53.0	DALLAS	93	0.3				Fourth Quartile
54.5	ANDREW	92	0.3	88.0	CARTER	49	0.2
54.5	VERNON	92	0.3	89.5	LEWIS	45	0.2
56.0	GASCONADE	91	0.3	89.5	MISSISSIPPI	45	0.2
57.0	RALLS	90	0.3	91.0	ST CLAIR	44	0.2
58.0	BATES	88	0.3	92.0	MARIES	39	0.1
			Second Quartile	93.0	BARTON	38	0.1
				94.5	HOWARD	37	0.1
			Third Quartile	94.5	OZARK	37	0.1
59.5	CLINTON	87	0.3	97.0	CEDAR	35	0.1
59.5	NODAWAY	87	0.3	97.0	HOLT	35	0.1
61.5	LIVINGSTON	84	0.3	97.0	SHANNON	35	0.1
61.5	MACON	84	0.3	99.0	ATCHISON	33	0.1
64.5	DENT	81	0.3	100.5	CALDWELL	32	0.1
64.5	DUNKLIN	81	0.3	100.5	SULLIVAN	32	0.1
64.5	MONITEAU	81	0.3	102.0	GRUNDY	30	0.1
64.5	PEMISCOT	81	0.3	103.0	CARROLL	28	0.1
67.0	OSAGE	79	0.3	104.0	CLARK	27	0.1
68.0	BENTON	75	0.3	105.0	MONROE	26	0.1
69.5	PIKE	74	0.3	106.0	CHARITON	24	0.1
69.5	WAYNE	74	0.3	107.0	MERCER	19	0.1
72.0	HENRY	72	0.3	108.0	SCOTLAND	17	0.1
72.0	NEW MADRID	72	0.3	109.5	GENTRY	16	0.1
72.0	PERRY	72	0.3	109.5	SHELBY	16	0.1
74.5	ADAIR	70	0.3	111.0	PUTNAM	14	0.1
74.5	WRIGHT	70	0.3	112.0	DADE	11	0.0
76.0	IRON	60	0.2	113.0	SCHUYLER	8	0.0
77.0	DOUGLAS	59	0.2	114.0	KNOX	6	0.0
78.0	HICKORY	56	0.2	115.0	WORTH	4	0.0
80.5	DAVISS	54	0.2				

TABLE 3.1.19

2010 SPEED-INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	2,764	18.3
2.0	ST. LOUIS	2,406	15.9
3.0	INDEPENDENCE	558	3.7
4.0	SPRINGFIELD	508	3.4
5.0	LEE'S SUMMIT	309	2.0
6.0	ST. JOSEPH	272	1.8
7.0	COLUMBIA	242	1.6
8.0	ST. CHARLES	231	1.5
9.0	O'FALLON	219	1.4
10.0	FLORISSANT	197	1.3
11.0	BLUE SPRINGS	168	1.1
12.0	CHESTERFIELD	165	1.1
13.0	JOPLIN	162	1.1
14.5	MARYLAND HEIGHTS	161	1.1
14.5	ST. PETERS	161	1.1
16.5	BERKELEY	155	1.0
16.5	CAPE GIRARDEAU	155	1.0
18.0	RICHMOND HEIGHTS	147	1.0
19.0	HAZELWOOD	145	1.0
20.0	JEFFERSON CITY	135	0.9
21.0	BRIDGETON	134	0.9
22.0	SUNSET HILLS	128	0.8
23.0	TOWN AND COUNTRY	125	0.8
24.0	WILDWOOD	124	0.8
25.0	CREVE COEUR	114	0.8
26.0	BELLEFONTAINENB	112	0.7
27.0	GRANDVIEW	108	0.7
28.0	LIBERTY	107	0.7
29.0	ROLLA	101	0.7
30.0	SEDALIA	96	0.6
31.0	WENTZVILLE	93	0.6
32.0	HANNIBAL	91	0.6
33.0	FENTON	85	0.6
34.0	BRANSON	82	0.5
35.5	OVERLAND	78	0.5
35.5	UNIVERSITY CITY	78	0.5
37.0	BELTON	77	0.5
38.0	WEBSTER GROVES	75	0.5
39.0	WARRENSBURG	74	0.5

¹Percentage is based on speed-involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.1.20

**MISSOURI FATAL AND PERSONAL INJURY SPEED-INVOLVED CRASHES
ANNUAL TIME SERIES**

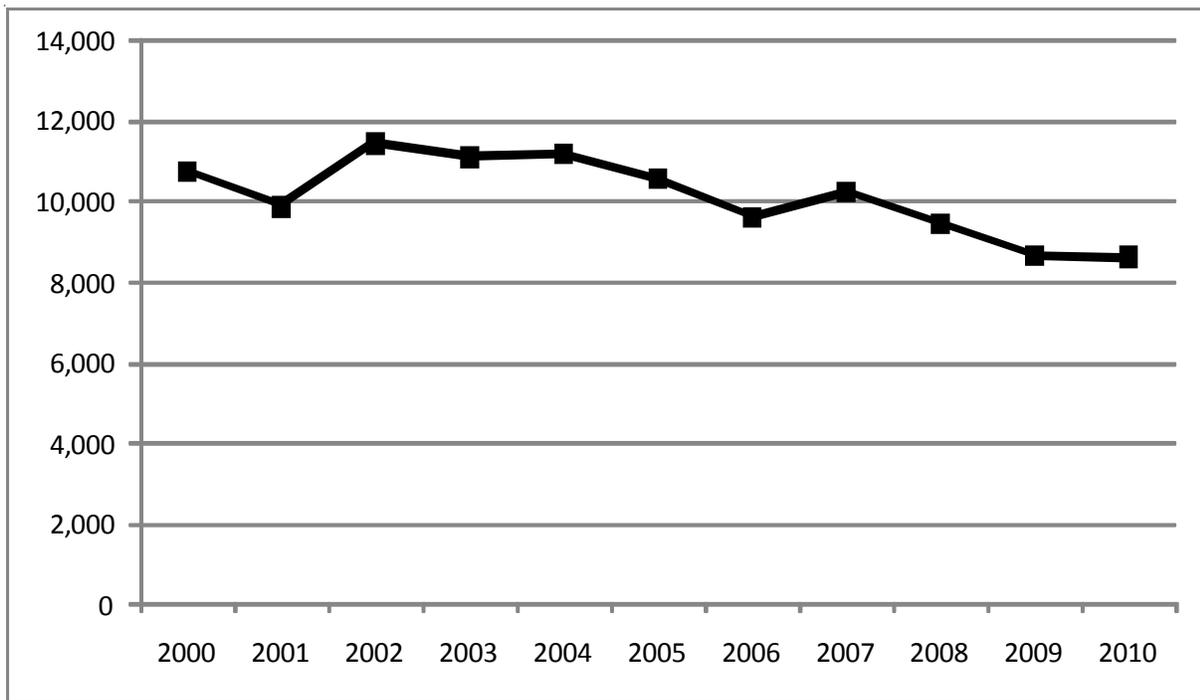


FIGURE 3.1.1

3.2 DRINKING INVOLVEMENT

This section presents a series of data displays which identify drinking involvement in Missouri's traffic crash experience. Drinking-involved traffic crashes are defined as any crash in which one or more drivers or pedestrians were drinking and, in the opinion of the investigating officer, their intoxicated condition contributed to the cause of the crash. Data displays also are presented which identify characteristics of the drinking driver or pedestrian in these traffic crashes.

There are strong indications that investigating officers under-report drinking involvement as a contributing factor in traffic crashes. Under-reporting exists for a number of reasons. First, symptoms of drinking may be masked from the investigating officer. The person's physical instability may be attributed to the shock of being in a crash or resulting physical injuries rather than to intoxication. Second, the investigating officer may not have an opportunity to observe or interview the person for an extended time period in cases where they require immediate medical attention and are transported from the scene. Finally, in cases where the investigating officer does determine a person has been drinking, there may not be enough evidence to indicate that their intoxicated condition contributed to the cause of the traffic crash. As a result, the apparent problem of under-reporting should be taken into consideration when evaluating data presented in this section.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 4.3% were drinking related. Of all fatal traffic crashes, 27.3% were drinking related. A total of 218 persons were killed and 3,823 were injured in drinking-related traffic crashes.
- There was a decrease of 14.1% in the rate of change when comparing total 2010 drinking-related traffic crashes with those in 2009. There was a decrease of 10.7% when comparing 2010 fatal drinking-related traffic crashes with 2009.
- In 2010, one person was killed or injured in drinking-related traffic crashes every 2.2 hours in the State of Missouri.
- Of all drinking-related traffic crashes, 59.4% occurred on Friday, Saturday, or Sunday and 64.0% occurred between 7:00 P.M. and 2:59 A.M.
- Of the persons drinking in 2010 traffic crashes, 98.3% were driving a motorized vehicle, 0.2% were driving a non-motorized vehicle, and 1.6% were pedestrians.
- Of the drinking drivers of motorized vehicles, 71.7% were male and 23.4% were female. The average age of drinking drivers of motorized vehicles was 34.4 years.
- Of the drinking drivers of non-motorized vehicles, 11 were male and only one was female. The average age of drinking drivers of non-motorized vehicles was 44.8 years.
- Of the drinking drivers of motorized and non-motorized vehicles in 2010 crashes, 52.0% were driving an automobile, 24.6% were driving a pickup truck, and 15.6% were driving a sport utility vehicle at the time of the crash.

2010 MISSOURI TRAFFIC CRASHES

DRINKING INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	INJURED	DRINKING DRIVERS / PEDESTRIANS² KILLED	INJURED
DRINKING INVOLVED	208	27.3	2,642	7.2	3,435	3.2	6,285	4.3	218	3,823	152	2,112
NO DRINKING INVOLVED	556	72.7	34,055	92.8	105,138	96.8	139,749	95.7	589	49,824	-	-
UNKNOWN ³	14	-	916	-	4,389	-	5,319	-	14	1,228	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	152	2,112

¹This statistic indicates the total number of persons killed and injured in a crash where one or more drivers or pedestrians were drinking.

²This statistic indicates the number of drinking drivers or pedestrians killed and injured.

³Crashes were classified as unknown if there was no indication that drinking was involved and the contributing circumstances of one or more drivers or pedestrians were not known.

TABLE 3.2.1

2009 and 2010 DRINKING-INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	233	208	-10.7
PERSONAL INJURY	3,036	2,642	-13.0
PROPERTY DAMAGE	3,961	3,435	-13.3
TOTAL	7,230	6,285	-14.1

TABLE 3.2.2

2010 DRINKING-INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	6	0.2	4	0.1	10	0.2
BICYCLIST	0	0.0	15	0.6	2	0.1	17	0.3
FIXED OBJECT	117	56.3	1,486	56.3	1,908	55.6	3,511	55.9
OTHER OBJECT	1	0.5	18	0.7	28	0.8	47	0.8
PEDESTRIAN	12	5.8	100	3.8	6	0.2	118	1.9
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	46	22.1	651	24.6	933	27.2	1,630	25.9
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	0	0.0	0	0.0
PARKED VEHICLE	2	1.0	127	4.8	448	13.0	577	9.2
NONCOLLISION OVERTURN	26	12.5	215	8.1	83	2.4	324	5.2
NONCOLLISION OTHER	4	1.9	24	0.9	23	0.7	51	0.8
TOTAL	208	100.0	2,642	100.0	3,435	100.0	6,285	100.0

TABLE 3.2.3

2010 DRINKING-INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	52	25.0	1,131	42.8	1,889	55.0	3,072	48.9
RURAL	156	75.0	1,511	57.2	1,546	45.0	3,213	51.1
TOTAL	208	100.0	2,642	100.0	3,435	100.0	6,285	100.0

TABLE 3.2.4

2010 DRINKING-INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	119	57.2	1,762	67.2	2,594	76.6	4,475	72.0
CURVE	89	42.8	859	32.8	793	23.4	1,741	28.0
UNKNOWN	0	-	21	-	48	-	69	-
TOTAL	208	100.0	2,642	100.0	3,435	100.0	6,285	100.0

TABLE 3.2.5

2010 DRINKING-INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	84	40.4	1,487	57.1	2,217	66.1	3,788	61.4
HILL	119	57.2	1,044	40.1	1,080	32.2	2,243	36.4
CREST	5	2.4	75	2.9	57	1.7	137	2.2
UNKNOWN	0	-	36	-	81	-	117	-
TOTAL	208	100.0	2,642	100.0	3,435	100.0	6,285	100.0

TABLE 3.2.6

2010 DRINKING-INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	176	85.0	2,170	82.5	2,704	79.6	5,050	80.1
WET	26	12.6	383	14.6	570	16.8	979	15.7
SNOW	4	1.9	55	2.1	86	2.5	145	2.3
ICE	1	0.5	10	0.4	28	0.8	39	0.6
SLUSH	0	0.0	9	0.3	7	0.2	16	0.3
MUD	0	0.0	4	0.2	0	0.0	4	0.1
STANDING WATER	0	0.0	0	0.0	1	0.0	1	0.0
MOVING WATER	0	0.0	0	0.0	1	0.0	1	0.0
UNKNOWN	1	-	11	-	38	-	50	-
TOTAL	208	100.0	2,642	100.0	3,435	100.0	6,285	100.0

TABLE 3.2.7

2010 DRINKING-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	24	11.5	218	8.3	321	9.3	563	9.0
U.S. HIGHWAY	21	10.1	223	8.4	220	6.4	464	7.4
STATE NUMBERED	36	17.3	449	17.0	432	12.6	917	14.6
SINGLE STATE LETTERED	35	16.8	309	11.7	243	7.1	587	9.3
DOUBLE STATE LETTERED	14	6.7	133	5.0	91	2.7	238	3.8
OUTER ROAD	2	1.0	21	0.8	22	0.6	45	0.7
COUNTY ROAD	43	20.7	435	16.5	489	14.2	967	15.4
CITY STREET	30	14.4	818	31.0	1,524	44.4	2,372	37.7
INTERSTATE LOOP	0	0.0	2	0.1	8	0.2	10	0.2
OTHER ¹	3	1.4	34	1.3	85	2.5	122	1.9
TOTAL	208	100.0	2,642	100.0	3,435	100.0	6,285	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.2.8

2010 DRINKING-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %				
INTERSTATE	11	21.2	125	11.1	155	8.2	291	9.5	13	8.3	93	6.2	166	10.7	272	8.5
U.S. HIGHWAY	6	11.5	90	8.0	97	5.1	193	6.3	15	9.6	133	8.8	123	8.0	271	8.4
STATE NUMBERED	4	7.7	106	9.4	149	7.9	259	8.4	32	20.5	343	22.7	283	18.3	658	20.5
SINGLE STATE LETTERED	1	1.9	30	2.7	25	1.3	56	1.8	34	21.8	279	18.5	218	14.1	531	16.5
DOUBLE STATE LETTERED	1	1.9	15	1.3	13	0.7	29	0.9	13	8.3	118	7.8	78	5.1	209	6.5
OUTER ROAD	1	1.9	13	1.2	12	0.6	26	0.9	1	0.6	8	0.5	10	0.7	19	0.6
COUNTY ROAD	1	1.9	20	1.8	36	1.9	57	1.9	42	26.9	415	27.5	453	29.3	910	28.3
CITY STREET	27	51.9	716	63.3	1,346	71.3	2,089	68.0	3	1.9	102	6.8	178	11.5	283	8.8
INTERSTATE LOOP	0	0.0	2	0.2	0	0.0	2	0.1	0	0.0	0	0.0	8	0.5	8	0.3
OTHER ¹	0	0.0	14	1.2	56	3.0	70	2.3	3	1.9	20	1.3	29	1.9	52	1.6
TOTAL	52	100.0	1,131	100.0	1,889	100.0	3,072	100.0	156	100.0	1,511	100.0	1,546	100.0	3,213	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.2.9

2010 MISSOURI DRINKING-INVOLVED CRASHES**MONTH OF YEAR**

MONTH	FREQUENCY	PERCENT
JANUARY	547	8.7
FEBRUARY	487	7.8
MARCH	499	7.9
APRIL	526	8.4
MAY	539	8.6
JUNE	484	7.7
JULY	585	9.3
AUGUST	554	8.8
SEPTEMBER	528	8.4
OCTOBER	580	9.2
NOVEMBER	478	7.6
DECEMBER	478	7.6
TOTAL	6,285	100.0

TABLE 3.2.10**2010 MISSOURI DRINKING-INVOLVED CRASHES****DAY OF WEEK**

DAY	FREQUENCY	PERCENT
SUNDAY	1,248	19.9
MONDAY	590	9.4
TUESDAY	594	9.5
WEDNESDAY	627	10.0
THURSDAY	746	11.9
FRIDAY	1,021	16.3
SATURDAY	1,456	23.2
UNKNOWN	3	--
TOTAL	6,285	100.0

TABLE 3.2.11

2010 MISSOURI DRINKING-INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	560	9.0
01:00A - 01:59A	730	11.7
02:00A - 02:59A	449	7.2
03:00A - 03:59A	303	4.9
04:00A - 04:59A	174	2.8
05:00A - 05:59A	129	2.1
06:00A - 06:59A	91	1.5
07:00A - 07:59A	59	1.0
08:00A - 08:59A	54	0.9
09:00A - 09:59A	35	0.6
10:00A - 10:59A	53	0.9
11:00A - 11:59A	50	0.8
NOON - 12:59P	60	1.0
01:00P - 01:59P	99	1.6
02:00P - 02:59P	115	1.9
03:00P - 03:59P	186	3.0
04:00P - 04:59P	223	3.6
05:00P - 05:59P	285	4.6
06:00P - 06:59P	334	5.4
07:00P - 07:59P	353	5.7
08:00P - 08:59P	409	6.6
09:00P - 09:59P	464	7.5
10:00P - 10:59P	485	7.8
11:00P - MIDNIGHT	526	8.5
UNKNOWN	59	--
TOTAL	6,285	100.0

TABLE 3.2.12

PERSONS DRINKING IN 2010 MISSOURI CRASHES

PERSON TYPE AND SEX BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE								
DRIVERS MOTORIZED VEHICLES	166	79.4	1,956	73.7	2,389	69.6	4,511	71.7
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	9	0.3	2	0.1	11	0.2
PEDESTRIANS	10	4.8	69	2.6	4	0.1	83	1.3
FEMALE								
DRIVERS MOTORIZED VEHICLES	32	15.3	568	21.4	870	25.4	1,470	23.4
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	1	0.0	0	0.0	1	0.0
PEDESTRIANS	1	0.5	17	0.6	0	0.0	18	0.3
SEX UNKNOWN								
DRIVERS MOTORIZED VEHICLES	0	0.0	33	1.2	166	4.8	199	3.2
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	0	0.0	0	0.0	0	0.0
PEDESTRIANS	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	209	100.0	2,653	100.0	3,431	100.0	6,293	100.0

TABLE 3.2.13

DRIVERS OF MOTORIZED VEHICLES DRINKING IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	37.3	-	33.9	-	34.6	-	34.4	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	18	9.1	319	12.7	362	11.2	699	11.7
21 - 25 YEARS	40	20.2	535	21.3	729	22.4	1,304	21.9
26 - 30 YEARS	17	8.6	401	15.9	492	15.2	910	15.3
31 - 35 YEARS	19	9.6	260	10.3	343	10.6	622	10.4
36 - 40 YEARS	23	11.6	246	9.8	281	8.7	550	9.2
41 - 45 YEARS	22	11.1	216	8.6	293	9.0	531	8.9
46 - 50 YEARS	19	9.6	235	9.3	289	8.9	543	9.1
51 - 55 YEARS	17	8.6	148	5.9	223	6.9	388	6.5
56 - 60 YEARS	14	7.1	82	3.3	110	3.4	206	3.5
61 - 65 YEARS	4	2.0	37	1.5	53	1.6	94	1.6
66 YEARS AND OVER	5	2.5	38	1.5	73	2.3	116	2.0
UNKNOWN	0	-	42	-	196	-	238	-
TOTAL	198	100.0	2,559	100.0	3,444	100.0	6,201	100.0

TABLE 3.2.14

DRIVERS OF NON-MOTORIZED VEHICLES DRINKING IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	0.0	-	47.1	-	32.5	-	44.8	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
21 - 25 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
26 - 30 YEARS	0	0.0	1	9.1	0	0.0	1	7.7
31 - 35 YEARS	0	0.0	1	9.1	2	100.0	3	23.1
36 - 40 YEARS	0	0.0	1	9.1	0	0.0	1	7.7
41 - 45 YEARS	0	0.0	2	18.2	0	0.0	2	15.4
46 - 50 YEARS	0	0.0	2	18.2	0	0.0	2	15.4
51 - 55 YEARS	0	0.0	3	27.3	0	0.0	3	23.1
56 - 60 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
61 - 65 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
66 YEARS AND OVER	0	0.0	1	9.1	0	0.0	1	7.7
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	0	0.0	11	100.0	2	0.0	13	100.0

TABLE 3.2.15

PEDESTRIANS DRINKING IN 2010 MISSOURI CRASHES

AGE OF PEDESTRIAN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF PEDESTRIAN	41.4	-	36.8	-	31.0	-	37.3	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	2	2.4	0	0.0	2	2.1
21 - 25 YEARS	2	18.2	22	26.5	0	0.0	24	25.3
26 - 30 YEARS	1	9.1	9	10.8	0	0.0	10	10.5
31 - 35 YEARS	1	9.1	8	9.6	1	100.0	10	10.5
36 - 40 YEARS	1	9.1	9	10.8	0	0.0	10	10.5
41 - 45 YEARS	1	9.1	9	10.8	0	0.0	10	10.5
46 - 50 YEARS	2	18.2	11	13.3	0	0.0	13	13.7
51 - 55 YEARS	2	18.2	5	6.0	0	0.0	7	7.4
56 - 60 YEARS	0	0.0	6	7.2	0	0.0	6	6.3
61 - 65 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
66 YEARS AND OVER	1	9.1	2	2.4	0	0.0	3	3.2
UNKNOWN	0	-	3	-	3	-	6	-
TOTAL	11	100.0	86	100.0	4	100.0	101	100.0

TABLE 3.2.16

DRIVERS OF MOTORIZED AND NON-MOTORIZED VEHICLES DRINKING IN 2010 MISSOURI CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	74	37.4	1,267	49.4	1,881	54.9	3,222	52.0
SPORT UTILITY VEHICLE	32	16.2	389	15.2	547	16.0	968	15.6
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	6	3.0	91	3.5	146	4.3	243	3.9
BUS	0	0.0	0	0.0	1	0.0	1	0.0
SCHOOL BUS	0	0.0	0	0.0	0	0.0	0	0.0
MOTORCYCLE	12	6.1	116	4.5	12	0.4	140	2.3
ALL TERRAIN VEHICLE	10	5.1	42	1.6	1	0.0	53	0.9
MOPED	0	0.0	7	0.3	0	0.0	7	0.1
BICYCLE	0	0.0	10	0.4	2	0.1	12	0.2
MOTOR HOME / CAMPER	0	0.0	1	0.0	1	0.0	2	0.0
FARM EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
CONSTRUCTION EQUIPMENT	0	0.0	1	0.0	0	0.0	1	0.0
OTHER TRANSPORT DEVICE	2	1.0	1	0.0	1	0.0	4	0.1
PICKUP TRUCK	62	31.3	636	24.8	827	24.1	1,525	24.6
OTHER TRUCKS	0	0.0	6	0.2	8	0.2	14	0.2
UNKNOWN	0	-	3	-	19	-	22	-
TOTAL	198	100.0	2,570	100.0	3,446	100.0	6,214	100.0

TABLE 3.2.17

DRIVERS OF MOTORIZED VEHICLES DRINKING IN 2010 MISSOURI CRASHES

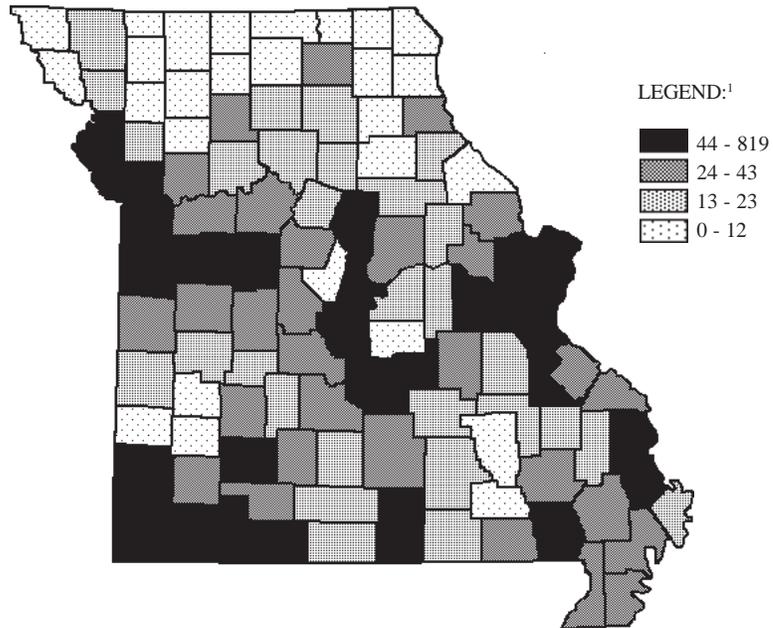
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	13	0.5	13	0.4	26	0.5
OPERATOR'S LICENSE	131	66.2	1,756	71.0	2,357	74.5	4,244	72.8
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	19	9.6	96	3.9	95	3.0	210	3.6
SUBTOTAL	150	75.8	1,865	75.4	2,465	77.9	4,480	76.9
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	16	8.0	146	5.9	238	7.5	400	6.9
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	11	0.4	11	0.4	22	0.4
SUBTOTAL	16	8.0	157	6.3	249	7.9	422	7.3
UNLICENSED	32	16.2	452	18.3	448	14.2	932	16.0
UNKNOWN	0	-	85	-	282	-	367	-
TOTAL	198	100.0	2,559	100.0	3,444	100.0	6,201	100.0

TABLE 3.2.18

2010 DRINKING-INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	819	13.0	23.0	ST FRANCOIS	58	0.9
2.0	JACKSON	741	11.8	24.5	CAPE GIRARDEAU	57	0.9
3.0	ST CHARLES	391	6.2	24.5	HOWELL	57	0.9
4.0	GREENE	345	5.5	26.0	MC DONALD	55	0.9
5.0	JEFFERSON	222	3.5	27.0	PHELPS	50	0.8
6.0	CLAY	214	3.4	28.0	STONE	47	0.7
7.0	ST LOUIS CITY	206	3.3	29.0	SCOTT	44	0.7
8.0	BOONE	197	3.1				
9.0	FRANKLIN	138	2.2				First Quartile
10.0	BUCHANAN	121	1.9				
11.0	JASPER	107	1.7				Second Quartile
12.0	TANEY	96	1.5	30.0	CAMDEN	43	0.7
13.5	JOHNSON	84	1.3	32.0	CALLAWAY	41	0.7
13.5	PLATE	84	1.3	32.0	LAWRENCE	41	0.7
15.0	BARRY	72	1.1	32.0	MARION	41	0.7
16.5	BUTLER	68	1.1	34.5	LACLEDE	40	0.6
16.5	NEWTON	68	1.1	34.5	WEBSTER	40	0.6
18.0	COLE	67	1.1	36.0	TEXAS	39	0.6
19.0	CASS	64	1.0	37.5	DUNKLIN	38	0.6
20.0	PETTIS	63	1.0	37.5	LAFAYETTE	38	0.6
21.0	MILLER	60	1.0	39.5	CHRISTIAN	36	0.6
22.0	PULASKI	59	0.9	39.5	MORGAN	36	0.6
				41.5	COOPER	34	0.5

2010 DRINKING-INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	463	13.4
2.0	SPRINGFIELD	265	7.7
3.0	ST. LOUIS	206	5.9
4.0	INDEPENDENCE	134	3.9
5.0	COLUMBIA	132	3.8
6.0	ST. CHARLES	114	3.3
7.0	ST. JOSEPH	104	3.0
8.0	LEE'S SUMMIT	94	2.7
9.0	O'FALLON	63	1.8
10.0	BLUE SPRINGS	57	1.6
11.0	FLORISSANT	53	1.5
12.0	JOPLIN	50	1.4
13.0	ST. PETERS	48	1.4
14.0	MARYLAND HEIGHTS	42	1.2
15.0	JEFFERSON CITY	39	1.1
16.0	GLADSTONE	35	1.0
18.5	HANNIBAL	33	1.0
18.5	SEDALIA	33	1.0
18.5	WARRENSBURG	33	1.0
18.5	WENTZVILLE	33	1.0
21.0	UNIVERSITY CITY	31	0.9
22.5	POPLAR BLUFF	29	0.8
22.5	WILDWOOD	29	0.8
24.0	GRANDVIEW	28	0.8
25.0	KIRKWOOD	26	0.8
26.0	WEBSTER GROVES	25	0.7
27.5	CREVE COEUR	24	0.7
27.5	OVERLAND	24	0.7
29.0	CHESTERFIELD	23	0.7
30.5	ARNOLD	22	0.6
30.5	BRANSON	22	0.6
32.5	BRIDGETON	21	0.6
32.5	ST. ROBERT	21	0.6
34.0	LIBERTY	20	0.6
35.5	CLAYTON	18	0.5
35.5	ROLLA	18	0.5
38.0	FERGUSON	17	0.5
38.0	GRAIN VALLEY	17	0.5
38.0	WASHINGTON	17	0.5
41.0	KENNETT	16	0.5
41.0	NORTH KANSAS CITY	16	0.5
41.0	SUNSET HILLS	16	0.5

¹Percentage is based on drinking-involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.2.20

**MISSOURI FATAL AND PERSONAL INJURY DRINKING-INVOLVED CRASHES
ANNUAL TIME SERIES**

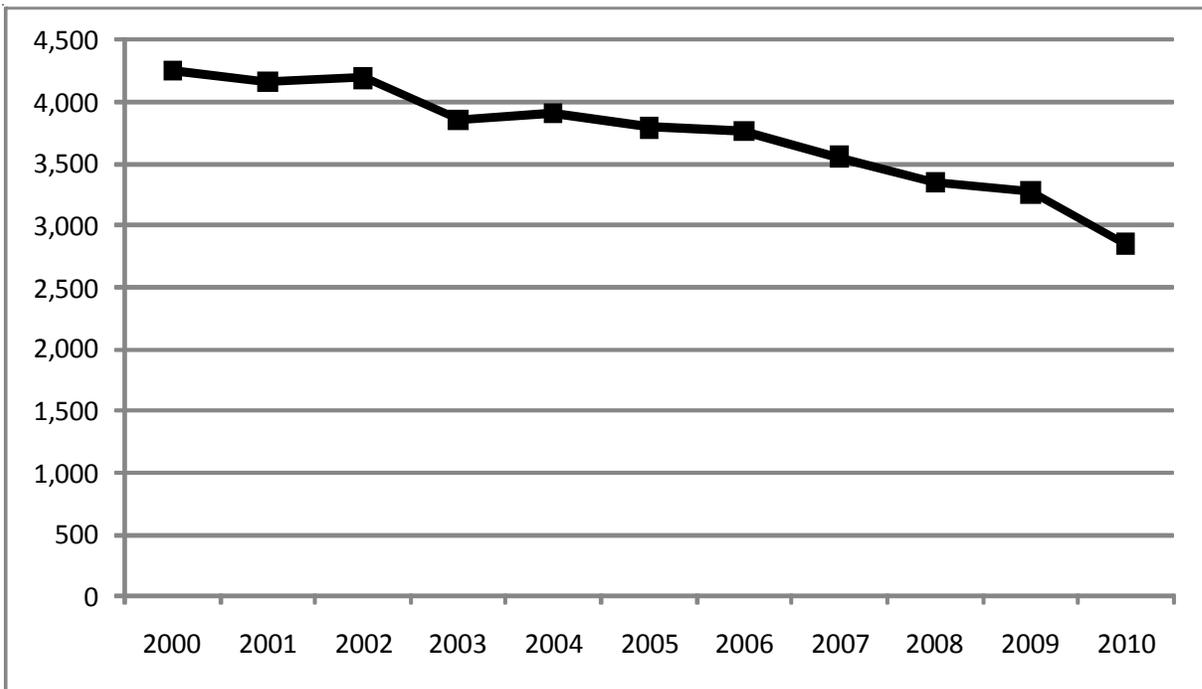


FIGURE 3.2.1

3.3 YOUNG DRIVER INVOLVEMENT

This section presents a series of data displays which describe young driver involvement in Missouri's traffic crash experience. Young driver traffic crashes are defined as any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were under the age of 21. Data displays also are provided which identify characteristics of these young drivers.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 26.0% involved a young driver. Of all fatal traffic crashes, 15.1% involved a young driver. A total of 123 persons were killed and 14,687 were injured in traffic crashes involving young drivers.
- There was a decrease of 5.6% in the rate of change when comparing 2010 young driver traffic crashes with those in 2009. There was a decrease of 19.0% when comparing 2010 fatal young driver traffic crashes with 2009.
- In 2010, one person was killed or injured in young driver related traffic crashes every 35.5 minutes in the State of Missouri.
- Of all young driver related traffic crashes, the first harmful event in 73.4% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In 18.7% of the cases, the first harmful event involved one motor vehicle striking a fixed object. In young driver fatal traffic crashes, 31.3% of the cases involved a motor vehicle striking a fixed object.
- Of all 2010 young driver crashes, 63.9% occurred in an urban area and 36.1% occurred in a rural area of the State. However, 75.6% of the fatal young driver crashes occurred in a rural area.
- Of all young driver traffic crashes, 32.7% occurred on Friday or Saturday.
- Of all young drivers in traffic crashes, 52.5% were male and 47.5% were female. Of those young drivers in fatal traffic crashes, 69.4% were male. The average age of young drivers (20 years and under) was 18.0 years.
- Of the young drivers, 91.4% had a Missouri driver's license / permit, 5.7% had an out-of-state driver's license, and 2.9% were unlicensed at the time of the crash.
- Of the young drivers, 68.8% were driving an automobile and 14.2% were driving a pickup truck at the time of the crash.
- In 47.8% of the 2010 young driver related fatal traffic crashes, a young driver was either exceeding the speed limit or driving too fast for conditions which contributed to the cause of the crash. In 14.8% of these fatal crashes, the young driver's drinking condition contributed to the cause of the crash.

2010 MISSOURI TRAFFIC CRASHES
YOUNG DRIVER INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	TOTAL NUMBER¹ INJURED	YOUNG DRIVERS² KILLED	INJURED
YOUNG DRIVER INVOLVED	115	15.1	9,480	26.4	25,227	25.9	34,822	26.0	123	14,687	52	5,822
NO YOUNG DRIVER INVOLVED	647	84.9	26,455	73.6	72,284	74.1	99,386	74.0	681	38,021	-	-
UNKNOWN³	16	-	1,678	-	15,451	-	17,145	-	17	2,167	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	52	5,822

¹This statistic indicates the total number of persons killed and injured in a crash where one or more young drivers were involved.

²This statistic indicates the number of young drivers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the known drivers involved in the accident was 20 years of age and younger and the ages of one or more drivers involved in the crash was not known.

TABLE 3.3.1

2009 AND 2010 YOUNG DRIVER INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	142	115	-19.0
PERSONAL INJURY	9,691	9,480	-2.2
PROPERTY DAMAGE	27,068	25,227	-6.8
TOTAL	36,901	34,822	-5.6

TABLE 3.3.2

2010 YOUNG DRIVER INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	48	0.5	336	1.3	384	1.1
BICYCLIST	0	0.0	49	0.5	8	0.0	57	0.2
FIXED OBJECT	36	31.3	2,261	23.9	4,204	16.7	6,501	18.7
OTHER OBJECT	0	0.0	27	0.3	120	0.5	147	0.4
PEDESTRIAN	5	4.4	109	1.2	8	0.0	122	0.4
TRAIN	0	0.0	3	0.0	0	0.0	3	0.0
VEHICLE IN TRANSPORT	63	54.8	6,364	67.1	19,147	75.9	25,574	73.4
VEHICLE ON OTHER ROADWAY	1	0.9	7	0.1	16	0.1	24	0.1
PARKED VEHICLE	1	0.9	153	1.6	1,031	4.1	1,185	3.4
NONCOLLISION OVERTURN	8	7.0	402	4.2	264	1.1	674	1.9
NONCOLLISION OTHER	1	0.9	57	0.6	93	0.4	151	0.4
TOTAL	115	100.0	9,480	100.0	25,227	100.0	34,822	100.0

TABLE 3.3.3

2010 YOUNG DRIVER INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	28	24.4	5,716	60.3	16,493	65.4	22,237	63.9
RURAL	87	75.6	3,764	39.7	8,734	34.6	12,585	36.1
TOTAL	115	100.0	9,480	100.0	25,227	100.0	34,822	100.0

TABLE 3.3.4

2010 YOUNG DRIVER INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	74	64.9	7,624	81.1	20,833	84.7	28,531	83.6
CURVE	40	35.1	1,775	18.9	3,765	15.3	5,580	16.4
UNKNOWN	1	-	81	-	629	-	711	-
TOTAL	115	100.0	9,480	100.0	25,227	100.0	34,822	100.0

TABLE 3.3.5

2010 YOUNG DRIVER INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	55	48.7	6,015	64.4	16,865	69.3	22,935	67.9
HILL	53	46.9	3,054	32.7	6,891	28.3	9,998	29.6
CREST	5	4.4	266	2.9	589	2.4	860	2.5
UNKNOWN	2	-	145	-	882	-	1,029	-
TOTAL	115	100.0	9,480	100.0	25,227	100.0	34,822	100.0

TABLE 3.3.6

2010 YOUNG DRIVER INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	95	83.3	7,346	78.1	18,501	74.1	25,942	75.2
WET	16	14.0	1,688	17.9	4,696	18.8	6,400	18.6
SNOW	2	1.8	237	2.5	1,226	4.9	1,465	4.3
ICE	1	0.9	103	1.1	413	1.7	517	1.5
SLUSH	0	0.0	26	0.3	106	0.4	132	0.4
MUD	0	0.0	4	0.0	5	0.0	9	0.0
STANDING WATER	0	0.0	4	0.0	11	0.0	15	0.0
MOVING WATER	0	0.0	0	0.0	5	0.0	5	0.0
UNKNOWN	1	-	72	-	264	-	337	-
TOTAL	115	100.0	9,480	100.0	25,227	100.0	34,822	100.0

TABLE 3.3.7

2010 YOUNG DRIVER INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	14	12.2	813	8.6	2,354	9.3	3,181	9.1
U.S. HIGHWAY	25	21.7	944	10.0	2,352	9.3	3,321	9.5
STATE NUMBERED	22	19.1	1,572	16.6	3,974	15.8	5,568	16.0
SINGLE STATE LETTERED	12	10.4	683	7.2	1,286	5.1	1,981	5.7
DOUBLE STATE LETTERED	10	8.7	308	3.3	618	2.5	936	2.7
OUTER ROAD	0	0.0	86	0.9	187	0.7	273	0.8
COUNTY ROAD	11	9.6	1,102	11.6	2,384	9.5	3,497	10.0
CITY STREET	21	18.3	3,744	39.5	11,250	44.6	15,015	43.1
INTERSTATE LOOP	0	0.0	20	0.2	57	0.2	77	0.2
OTHER ¹	0	0.0	208	2.2	764	3.0	972	2.8
TOTAL	115	100.0	9,480	100.0	25,226	100.0	34,821	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.3.8

2010 YOUNG DRIVER INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %				
INTERSTATE	2	7.1	564	9.9	1,416	8.6	1,982	8.9	12	13.8	249	6.6	938	10.7	1,199	9.5
U.S. HIGHWAY	4	14.3	464	8.1	1,330	8.1	1,798	8.1	21	24.1	480	12.8	1,022	11.7	1,523	12.1
STATE NUMBERED	2	7.1	694	12.1	2,056	12.5	2,752	12.4	20	23.0	878	23.3	1,918	22.0	2,816	22.4
SINGLE STATE LETTERED	0	0.0	133	2.3	377	2.3	510	2.3	12	13.8	550	14.6	909	10.4	1,471	11.7
DOUBLE STATE LETTERED	1	3.6	101	1.8	259	1.6	361	1.6	9	10.3	207	5.5	359	4.1	575	4.6
OUTER ROAD	0	0.0	53	0.9	129	0.8	182	0.8	0	0.0	33	0.9	58	0.7	91	0.7
COUNTY ROAD	0	0.0	87	1.5	292	1.8	379	1.7	11	12.6	1,015	27.0	2,092	24.0	3,118	24.8
CITY STREET	19	67.9	3,462	60.6	10,067	61.0	13,548	60.9	2	2.3	282	7.5	1,183	13.6	1,467	11.7
INTERSTATE LOOP	0	0.0	15	0.3	22	0.1	37	0.2	0	0.0	5	0.1	35	0.4	40	0.3
OTHER ¹	0	0.0	143	2.5	545	3.3	688	3.1	0	0.0	65	1.7	220	2.5	285	2.3
TOTAL	28	100.0	5,716	100.0	16,493	100.0	22,237	100.0	87	100.0	3,764	100.0	8,734	100.0	12,585	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.3.9

2010 MISSOURI YOUNG DRIVER INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	2,850	8.2
FEBRUARY	2,557	7.3
MARCH	2,696	7.7
APRIL	2,928	8.4
MAY	3,071	8.8
JUNE	2,931	8.4
JULY	2,866	8.2
AUGUST	2,844	8.2
SEPTEMBER	3,035	8.7
OCTOBER	3,175	9.1
NOVEMBER	2,971	8.5
DECEMBER	2,898	8.3
TOTAL	34,822	100.0

TABLE 3.3.10

2010 MISSOURI YOUNG DRIVER INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	3,699	10.6
MONDAY	4,637	13.3
TUESDAY	4,801	13.8
WEDNESDAY	5,329	15.3
THURSDAY	4,975	14.3
FRIDAY	6,641	19.1
SATURDAY	4,737	13.6
UNKNOWN	3	--
TOTAL	34,822	100.0

TABLE 3.3.11

2010 MISSOURI YOUNG DRIVER INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	687	2.0
01:00A - 01:59A	487	1.4
02:00A - 02:59A	345	1.0
03:00A - 03:59A	277	0.8
04:00A - 04:59A	188	0.5
05:00A - 05:59A	232	0.7
06:00A - 06:59A	469	1.4
07:00A - 07:59A	2,081	6.0
08:00A - 08:59A	1,153	3.3
09:00A - 09:59A	865	2.5
10:00A - 10:59A	1,098	3.2
11:00A - 11:59A	1,392	4.0
NOON - 12:59P	1,957	5.6
01:00P - 01:59P	1,955	5.6
02:00P - 02:59P	2,614	7.5
03:00P - 03:59P	3,745	10.8
04:00P - 04:59P	3,314	9.5
05:00P - 05:59P	3,204	9.2
06:00P - 06:59P	2,218	6.4
07:00P - 07:59P	1,622	4.7
08:00P - 08:59P	1,427	4.1
09:00P - 09:59P	1,429	4.1
10:00P - 10:59P	1,142	3.3
11:00P - MIDNIGHT	835	2.4
UNKNOWN	86	--
TOTAL	34,822	100.0

TABLE 3.3.12

2010 MISSOURI YOUNG DRIVER CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL YOUNG DRIVER CRASHES = 115				TOTAL YOUNG DRIVER CRASHES = 34,822		
	YOUNG DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	YOUNG DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	1.7	0.0	1.7	2.1	0.4	2.5
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.1	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.3	0.3	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	47.8	4.3	51.3	18.7	2.5	20.8
IMPROPER PASSING	4.3	0.9	5.2	0.9	0.4	1.3
VIOLATION OF STOP SIGN	7.0	0.0	7.0	2.7	1.4	4.0
WRONG SIDE NOT PASSING	13.9	2.6	16.5	1.5	0.5	1.9
FOLLOWING TOO CLOSE	1.7	1.7	3.5	14.0	5.2	18.7
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPER BACKING	0.0	0.0	0.0	1.6	0.7	2.2
IMPROPER TURN	1.7	0.0	1.7	2.4	1.1	3.5
IMPROPER LANE USAGE / CHANGE	17.4	2.6	20.0	7.2	2.4	9.3
WRONG WAY ONE-WAY STREET	0.0	0.9	0.9	0.1	0.0	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.2	0.1	0.3
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	0.1	0.2
FAILED TO YIELD	15.7	6.1	21.7	13.0	6.7	19.4
DRINKING	14.8	4.3	19.1	2.0	0.6	2.6
DRUGS	4.3	2.6	7.0	0.5	0.1	0.6
PHYSICAL IMPAIRMENT	0.9	0.9	1.7	1.1	0.1	1.2
INATTENTION	25.2	3.5	28.7	23.0	6.6	28.8

¹This table identifies the percentage of young driver crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the young driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2010 Missouri fatal young driver crashes, it was found that a young driver was speeding in 47.8% of the crashes. In 4.3% of the crashes another driver was speeding. In 51.3% of the crashes either a young driver, another driver, or both drivers were speeding.

TABLE 3.3.13

YOUNG DRIVERS IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	84	69.4	5,294	51.7	14,432	52.8	19,810	52.5
FEMALE	37	30.6	4,956	48.3	12,905	47.2	17,898	47.5
UNKNOWN	0	-	0	-	249	-	249	-
TOTAL	121	100.0	10,250	100.0	27,586	100.0	37,957	100.0

TABLE 3.3.14

YOUNG DRIVERS IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF YOUNG DRIVER¹	18.1	-	18.0	-	18.0	-	18.0	-
14 YEARS AND UNDER	4	3.3	82	0.8	58	0.2	144	0.4
15 YEARS	1	0.8	124	1.2	302	1.1	427	1.1
16 YEARS	13	10.7	1,605	15.7	4,582	16.6	6,200	16.3
17 YEARS	26	21.5	1,869	18.2	5,427	19.7	7,322	19.3
18 YEARS	24	19.8	2,265	22.1	5,965	21.6	8,254	21.8
19 YEARS	28	23.1	2,260	22.1	5,810	21.1	8,098	21.3
20 YEARS	25	20.7	2,045	20.0	5,442	19.7	7,512	19.8
TOTAL	121	100.0	10,250	100.0	27,586	100.0	37,957	100.0

¹ Average age is based on only drivers 20 years of age and under.

TABLE 3.3.15

YOUNG DRIVERS IN 2010 MISSOURI CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	2	1.7	250	2.5	575	2.2	827	2.3
OPERATOR'S LICENSE	94	79.0	8,807	87.6	23,822	89.4	32,723	88.9
MOTORCYCLE ONLY	0	0.0	2	0.0	1	0.0	3	0.0
COMERCIAL DRIVER'S LICENSE	3	2.5	23	0.2	63	0.2	89	0.2
SUBTOTAL	99	83.2	9,082	90.3	24,461	91.8	33,642	91.4
OUT STATE								
LEARNER'S PERMIT	0	0.0	12	0.1	18	0.1	30	0.1
OPERATOR'S LICENSE	6	5.0	540	5.4	1,512	5.7	2,058	5.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0.0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	0	0.0	12	0.1	12	0.0
SUBTOTAL	6	5.0	552	5.5	1,542	5.9	2,100	5.7
UNLICENSED	14	11.8	418	4.2	645	2.4	1,077	2.9
UNKNOWN	2	-	198	-	938	-	1,138	-
TOTAL	121	100.0	10,250	100.0	27,586	100.0	37,957	100.0

TABLE 3.3.16

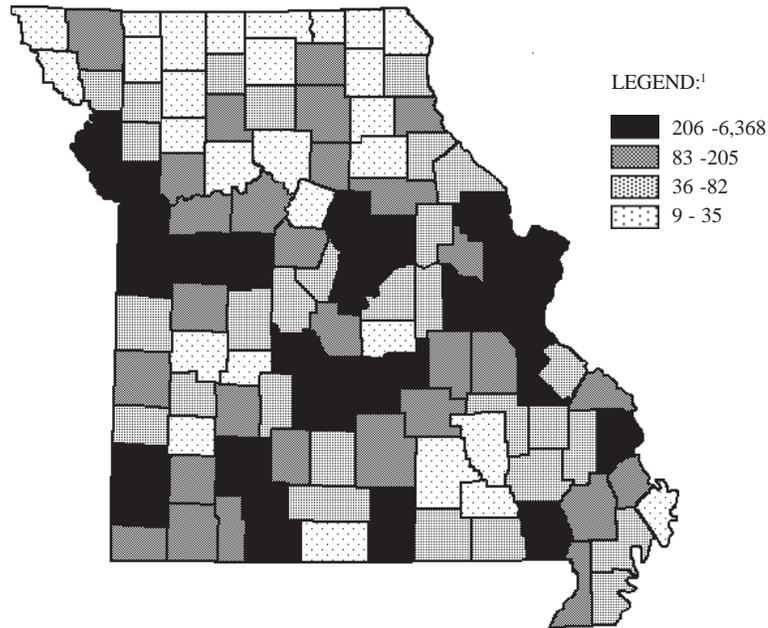
YOUNG DRIVERS IN 2010 MISSOURI CRASHES
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	64	52.9	6,971	68.1	19,049	69.1	26,084	68.8
SPORT UTILITY VEHICLE	13	10.7	1,327	13.0	3,728	13.5	5,068	13.4
LIMOUSINE	0	0.0	2	0.0	9	0.0	11	0.0
VAN	1	0.8	272	2.7	690	2.5	963	2.5
BUS	0	0.0	1	0.0	7	0.0	8	0.0
SCHOOL BUS	0	0.0	0	0.0	3	0.0	3	0.0
MOTORCYCLE	5	4.1	121	1.2	25	0.1	151	0.4
ALL TERRAIN VEHICLE	3	2.5	80	0.8	9	0.0	92	0.2
MOPED	1	0.8	24	0.2	3	0.0	28	0.1
MOTOR HOME / CAMPER	0	0.0	1	0.0	0	0.0	1	0.0
FARM EQUIPMENT	1	0.8	3	0.0	10	0.0	14	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	0	0.0	10	0.1	9	0.0	19	0.1
PICKUP TRUCK	32	26.5	1,412	13.8	3,958	14.4	5,402	14.2
OTHER TRUCKS	1	0.8	19	0.2	68	0.3	88	0.2
UNKNOWN	0	-	7	-	18	-	25	-
TOTAL	121	100.0	10,250	100.0	27,586	100.0	37,957	100.0

TABLE 3.3.17

2010 YOUNG DRIVER INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS

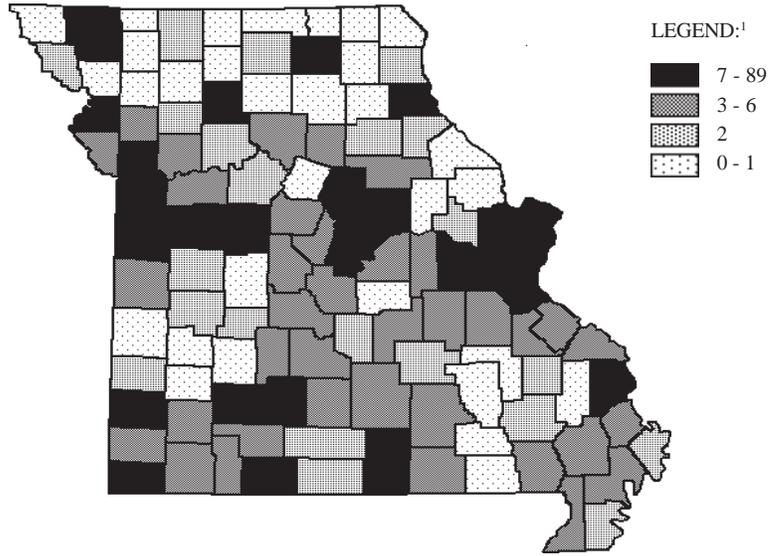


¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	6,368	18.3	22.0	NEWTON	286	0.8
2.0	JACKSON	4,081	11.7	23.0	ST FRANCOIS	275	0.8
3.0	ST CHARLES	2,239	6.4	24.0	CALLAWAY	273	0.8
4.0	GREENE	2,218	6.4	25.5	LINCOLN	242	0.7
5.0	ST LOUIS CITY	1,960	5.6	25.5	PULASKI	242	0.7
6.0	JEFFERSON	1,243	3.6	27.0	LACLEDE	238	0.7
7.0	CLAY	1,204	3.5	28.0	HOWELL	233	0.7
8.0	JASPER	834	2.4	29.0	CAMDEN	223	0.6
9.0	CAPE GIRARDEAU	778	2.2	----- First Quartile -----			
10.0	BOONE	760	2.2	----- Second Quartile -----			
11.0	BUCHANAN	732	2.1	30.0	WARREN	205	0.6
12.0	FRANKLIN	696	2.0	31.0	SCOTT	196	0.6
13.0	COLE	556	1.6	32.0	MARION	176	0.5
14.0	PLATTE	490	1.4	33.0	LAFAYETTE	166	0.5
15.0	CASS	464	1.3	34.0	WEBSTER	165	0.5
16.0	PHELPS	357	1.0	35.0	RANDOLPH	158	0.5
17.0	TANEY	353	1.0	36.0	STODDARD	155	0.4
18.0	CHRISTIAN	352	1.0	37.0	MILLER	145	0.4
19.0	BUTLER	349	1.0	38.0	BARRY	141	0.4
20.0	PETTIS	322	0.9	39.0	ADAIR	139	0.4
21.0	JOHNSON	312	0.9	40.5	DUNKLIN	138	0.4

2010 YOUNG DRINKING DRIVER INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	89	12.8	22.0	TANEY	7	1.0
2.0	ST CHARLES	71	10.2	22.0	WEBSTER	7	1.0
3.0	JACKSON	44	6.3	First Quartile			
4.5	BOONE	35	5.0	-----			
4.5	GREENE	35	5.0	Second Quartile			
6.0	JEFFERSON	21	3.0	30.5	BARRY	6	0.9
7.0	CLAY	19	2.7	30.5	BUTLER	6	0.9
8.0	FRANKLIN	15	2.1	30.5	CAMDEN	6	0.9
9.0	PETTIS	13	1.9	30.5	CHRISTIAN	6	0.9
10.0	JASPER	12	1.7	30.5	DUNKLIN	6	0.9
12.0	BUCHANAN	10	1.4	30.5	LAWRENCE	6	0.9
12.0	CASS	10	1.4	30.5	NEWTON	6	0.9
12.0	JOHNSON	10	1.4	30.5	PLATTE	6	0.9
14.5	COLE	9	1.3	30.5	ST FRANCOIS	6	0.9
14.5	HOWELL	9	1.3	30.5	SCOTT	6	0.9
17.0	ADAIR	8	1.1	40.5	COOPER	5	0.7
17.0	CAPE GIRARDEAU	8	1.1	40.5	GASCONADE	5	0.7
17.0	ST LOUIS CITY	8	1.1	40.5	LACLEDE	5	0.7
22.0	CALLAWAY	7	1.0	40.5	MILLER	5	0.7
22.0	LIVINGSTON	7	1.0	40.5	MORGAN	5	0.7
22.0	MC DONALD	7	1.0	40.5	PERRY	5	0.7
22.0	MARION	7	1.0	40.5	PHELPS	5	0.7
22.0	NODAWAY	7	1.0	40.5	STE GENEVIEVE	5	0.7

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.5	STONE	5	0.7	73.5	SALINE	2	0.3
40.5	TEXAS	5	0.7	73.5	SULLIVAN	2	0.3
47.5	CRAWFORD	4	0.6	73.5	WARREN	2	0.3
47.5	LAFAYETTE	4	0.6	73.5	WAYNE	2	0.3
47.5	MONITEAU	4	0.6				
47.5	NEW MADRID	4	0.6				Third Quartile
56.0	AUDRAIN	3	0.4				
56.0	BATES	3	0.4	91.5	CARTER	1	0.1
56.0	CHARITON	3	0.4	91.5	CEDAR	1	0.1
56.0	CLINTON	3	0.4	91.5	DAVISS	1	0.1
56.0	DALLAS	3	0.4	91.5	DE KALB	1	0.1
56.0	OREGON	3	0.4	91.5	HOWARD	1	0.1
56.0	OSAGE	3	0.4	91.5	IRON	1	0.1
56.0	RANDOLPH	3	0.4	91.5	LINCOLN	1	0.1
56.0	RAY	3	0.4	91.5	LINN	1	0.1
56.0	SHANNON	3	0.4	91.5	MACON	1	0.1
56.0	STODDARD	3	0.4	91.5	MONTGOMERY	1	0.1
56.0	WASHINGTON	3	0.4	91.5	POLK	1	0.1
56.0	WRIGHT	3	0.4	91.5	RIPLEY	1	0.1
			Second Quartile	91.5	SCHUYLER	1	0.1
				91.5	SCOTLAND	1	0.1
			Third Quartile	107.0	ANDREW	0	0.0
73.5	BARTON	2	0.3	107.0	ATCHISON	0	0.0
73.5	CALDWELL	2	0.3	107.0	BENTON	0	0.0
73.5	CARROLL	2	0.3	107.0	BOLLINGER	0	0.0
73.5	DENT	2	0.3	107.0	CLARK	0	0.0
73.5	DOUGLAS	2	0.3	107.0	DADE	0	0.0
73.5	HARRISON	2	0.3	107.0	GENTRY	0	0.0
73.5	HENRY	2	0.3	107.0	GRUNDY	0	0.0
73.5	HICKORY	2	0.3	107.0	KNOX	0	0.0
73.5	HOLT	2	0.3	107.0	MARIES	0	0.0
73.5	LEWIS	2	0.3	107.0	MERCER	0	0.0
73.5	MADISON	2	0.3	107.0	PIKE	0	0.0
73.5	MISSISSIPPI	2	0.3	107.0	PUTNAM	0	0.0
73.5	MONROE	2	0.3	107.0	REYNOLDS	0	0.0
73.5	OZARK	2	0.3	107.0	SHELBY	0	0.0
73.5	PEMISCOT	2	0.3	107.0	VERNON	0	0.0
73.5	PULASKI	2	0.3	107.0	WORTH	0	0.0
73.5	RALLS	2	0.3				
73.5	ST CLAIR	2	0.3				

TABLE 3.3.19

2010 YOUNG DRIVER INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	2,655	10.6
2.0	ST. LOUIS	1,961	7.8
3.0	SPRINGFIELD	1,858	7.4
4.0	INDEPENDENCE	700	2.8
5.0	LEE'S SUMMIT	668	2.7
6.0	ST. JOSEPH	657	2.6
7.0	COLUMBIA	581	2.3
8.0	JOPLIN	565	2.3
9.0	O'FALLON	527	2.1
10.0	CAPE GIRARDEAU	501	2.0
11.0	ST. CHARLES	450	1.8
12.5	JEFFERSON CITY	437	1.7
12.5	ST. PETERS	437	1.7
14.0	FLORISSANT	430	1.7
15.0	CHESTERFIELD	368	1.5
16.0	BLUE SPRINGS	355	1.4
17.0	KIRKWOOD	252	1.0
18.0	POPLAR BLUFF	244	1.0
19.0	CREVE COEUR	233	1.0
20.0	SEDALIA	232	0.9
21.0	MARYLAND HEIGHTS	231	0.9
22.0	LIBERTY	218	0.9
23.0	ROLLA	215	0.9
24.0	TOWN AND COUNTRY	198	0.8
25.0	SUNSET HILLS	190	0.8
26.0	WARRENSBURG	182	0.7
27.0	HAZELWOOD	180	0.7
28.0	WILDWOOD	177	0.7
29.0	BRANSON	167	0.7
30.0	WENTZVILLE	157	0.6
31.0	JACKSON	152	0.6
32.0	ARNOLD	146	0.6
33.0	GLADSTONE	143	0.6
34.0	BELTON	140	0.6
35.0	MANCHESTER	135	0.5
36.0	RAYTOWN	132	0.5
37.0	OZARK	131	0.5
38.0	BRIDGETON	128	0.5
39.0	FENTON	126	0.5
40.5	LEBANON	125	0.5
40.5	UNION	125	0.5
42.0	WEST PLAINS	124	0.5
43.0	WASHINGTON	123	0.5
44.0	BALLWIN	118	0.5
45.5	FARMINTON	117	0.5
45.5	HANNIBAL	117	0.5

¹Percentage is based on young driver involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.3.20

**MISSOURI FATAL AND PERSONAL INJURY YOUNG DRIVER INVOLVED CRASHES
ANNUAL TIME SERIES**

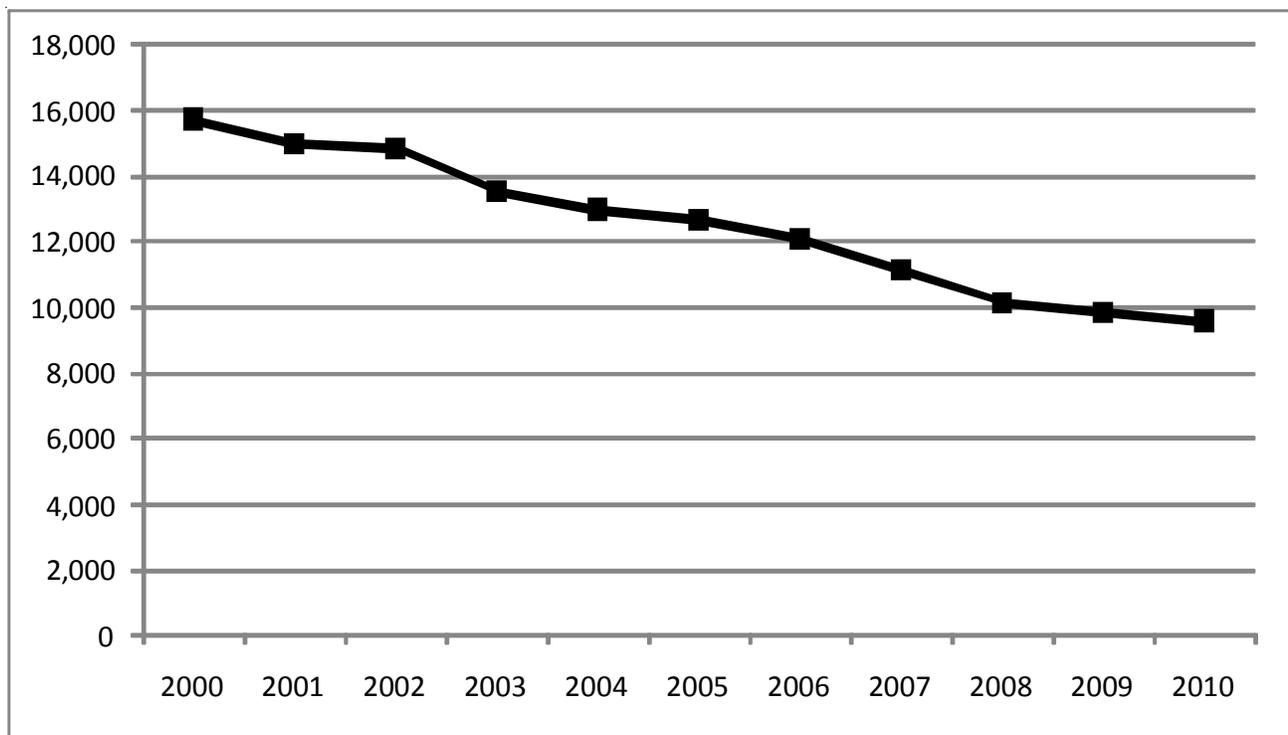


FIGURE 3.3.1

3.4 OLDER DRIVER INVOLVEMENT

This section presents a series of data displays which describe older driver involvement in Missouri's traffic crash experience. Older driver traffic crashes are defined as any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were 55 years or older. Data displays also are provided which identify characteristics of these older drivers.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 32.0% involved an older driver. Of all fatal traffic crashes, 35.5% involved an older driver. A total of 285 persons were killed and 16,502 were injured in traffic crashes involving older drivers.
- There was an increase of 1.7% in the rate of change when comparing 2010 older driver traffic crashes with those in 2009. There was an increase of 5.0% when comparing 2010 fatal older driver traffic crashes with 2009.
- In 2010, one person was killed or injured in older driver related traffic crashes every 31.3 minutes in the State of Missouri.
- Of all older driver related traffic crashes, the first harmful event in 81.9% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In older driver fatal traffic crashes, 56.5% involved one motor vehicle in transport striking another motor vehicle in transport and 28.4% of the cases involved a motor vehicle striking a fixed object.
- Of all 2010 older driver crashes, 67.1% occurred in an urban area and 32.9% occurred in a rural area of the State. However, 73.8% of the fatal older driver crashes occurred in a rural area.
- Of all older driver traffic crashes, 86.2% occurred from 7:00 A.M. through 6:59 P.M.
- Of all older drivers involved in traffic crashes, 56.9% were male and 43.1% were female. The average age of older drivers (55 years and older) was 65.5 years.
- Of the older drivers, 89.2% had a Missouri driver's license, 10.3% had an out-of-state driver's license, and 0.6% were unlicensed at the time of the crash.
- Of the older drivers, 52.2% were driving an automobile and 17.1% were driving a pickup truck at the time of the crash.

2010 MISSOURI TRAFFIC CRASHES

OLDER DRIVER INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	INJURED	OLDER DRIVERS² KILLED	INJURED
OLDER DRIVER INVOLVED	271	35.5	11,000	30.6	31,915	32.4	43,186	32.0	285	16,502	186	7,069
NO OLDER DRIVER INVOLVED	493	64.5	24,992	69.4	66,458	67.6	91,943	68.0	521	36,224	-	-
UNKNOWN ³	14	-	1,621	-	14,589	-	16,224	-	15	2,149	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	186	7,069

¹This statistic indicates the total number of persons killed and injured in a crash where one or more older drivers were involved.

²This statistic indicates the number of older drivers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the known drivers involved in the accident was 55 years of age and older and the ages of one or more drivers involved in the crash was not known.

TABLE 3.4.1

2009 AND 2010 OLDER DRIVER INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	258	271	+ 5.0
PERSONAL INJURY	10,458	11,000	+5.4
PROPERTY DAMAGE	31,744	31,915	+ 0.5
TOTAL	42,460	43,186	+ 1.7

TABLE 3.4.2

2010 OLDER DRIVER INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	1	0.4	91	0.8	735	2.3	827	1.9
BICYCLIST	1	0.4	116	1.1	25	0.1	142	0.3
FIXED OBJECT	77	28.4	1,336	12.2	2,608	8.2	4,021	9.3
OTHER OBJECT	1	0.4	30	0.3	263	0.8	294	0.7
PEDESTRIAN	5	1.9	212	1.9	28	0.1	245	0.6
TRAIN	6	2.2	9	0.1	12	0.0	27	0.1
VEHICLE IN TRANSPORT	153	56.5	8,738	79.4	26,491	83.0	35,382	81.9
VEHICLE ON OTHER ROADWAY	1	0.4	12	0.1	33	0.1	46	0.1
PARKED VEHICLE	3	1.1	109	1.0	1,376	4.3	1,488	3.5
NONCOLLISION OVERTURN	22	8.1	297	2.7	163	0.5	482	1.1
NONCOLLISION OTHER	1	0.4	50	0.5	181	0.6	232	0.5
TOTAL	271	100.0	11,000	100.0	31,915	100.0	43,186	100.0

TABLE 3.4.3

2010 OLDER DRIVER INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	71	26.2	7,255	66.0	21,669	68.0	28,995	67.1
RURAL	200	73.8	3,745	34.0	10,246	32.0	14,191	32.9
TOTAL	271	100.0	11,000	100.0	31,915	100.0	43,186	100.0

TABLE 3.4.4

2010 OLDER DRIVER INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	198	73.3	9,453	86.8	27,253	88.0	36,904	87.6
CURVE	72	26.7	1,436	13.2	3,722	12.0	5,230	12.4
UNKNOWN	1	-	111	-	940	-	1,052	-
TOTAL	271	100.0	11,000	100.0	31,915	100.0	43,186	100.0

TABLE 3.4.5

2010 OLDER DRIVER INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	136	50.6	7,326	67.7	22,106	72.2	29,568	70.9
HILL	125	46.5	3,230	29.9	7,915	25.8	11,270	27.0
CREST	8	3.0	266	2.5	612	2.0	886	2.1
UNKNOWN	2	-	178	-	1,282	-	1,462	-
TOTAL	271	100.0	11,000	100.0	31,915	100.0	43,186	100.0

TABLE 3.4.6

2010 OLDER DRIVER INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	232	86.2	8,883	81.5	25,485	80.7	34,600	80.9
WET	31	11.5	1,606	14.7	4,554	14.4	6,191	14.5
SNOW	4	1.5	255	2.3	1,047	3.3	1,306	3.1
ICE	2	0.8	123	1.1	375	1.2	500	1.2
SLUSH	0	0.0	28	0.3	93	0.3	121	0.3
MUD	0	0.0	0	0.0	6	0.0	6	0.0
STANDING WATER	0	0.0	2	0.0	10	0.0	12	0.0
MOVING WATER	0	0.0	3	0.0	7	0.0	10	0.0
UNKNOWN	2	-	100	-	338	-	440	-
TOTAL	271	100.0	11,000	100.0	31,915	100.0	43,186	100.0

TABLE 3.4.7

2010 OLDER DRIVER INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	27	10.0	1,179	10.7	3,565	11.2	4,771	11.1
U.S. HIGHWAY	72	26.6	1,438	13.1	3,481	10.9	4,991	11.6
STATE NUMBERED	64	23.6	2,092	19.0	5,031	15.8	7,187	16.6
SINGLE STATE LETTERED	37	13.7	595	5.4	1,344	4.2	1,976	4.6
DOUBLE STATE LETTERED	6	2.2	275	2.5	658	2.1	939	2.2
OUTER ROAD	2	0.7	71	0.7	215	0.7	288	0.7
COUNTY ROAD	26	9.6	572	5.2	2,001	6.3	2,599	6.0
CITY STREET	32	11.8	4,517	41.1	14,525	45.5	19,074	44.2
INTERSTATE LOOP	1	0.4	22	0.2	79	0.3	102	0.2
OTHER ¹	4	1.5	239	2.2	1,016	3.2	1,259	2.9
TOTAL	271	100.0	11,000	100.0	31,915	100.0	43,186	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.4.8

2010 OLDER DRIVER INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	10	14.1	782	10.8	2,107	9.7	2,899	10.0	17	8.5	397	10.6	1,458	14.3	1,872	13.2
U.S. HIGHWAY	18	25.4	716	9.9	1,917	8.9	2,651	9.1	54	27.0	722	19.3	1,564	15.3	2,340	16.5
STATE NUMBERED	11	15.5	959	13.2	2,740	12.6	3,710	12.8	53	26.5	1,133	30.3	2,291	22.4	3,477	24.5
SINGLE STATE LETTERED	3	4.2	137	1.9	444	2.1	584	2.0	34	17.0	458	12.2	900	8.8	1,392	9.8
DOUBLE S STATE LETTERED	0	0.0	112	1.5	315	1.5	427	1.5	6	3.0	163	4.4	343	3.4	512	3.6
OUTER ROAD	1	1.4	47	0.7	140	0.7	188	0.7	1	0.5	24	0.6	75	0.7	100	0.7
COUNTY ROAD	0	0.0	96	1.3	304	1.4	400	1.4	26	13.0	476	12.7	1,697	16.6	2,199	15.5
CITY STREET	27	38.0	4,230	58.3	12,936	59.7	17,193	59.3	5	2.5	287	7.7	1,589	15.5	1,881	13.3
INTERSTATE LOOP	1	1.4	13	0.2	48	0.2	62	0.2	0	0.0	9	0.2	31	0.3	40	0.3
OTHER ¹	0	0.0	163	2.3	718	3.3	881	3.0	4	2.0	76	2.0	298	2.9	378	2.7
TOTAL	71	100.0	7,255	100.0	21,669	100.0	28,995	100.0	200	100.0	3,745	100.0	10,246	100.0	14,191	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.4.9

2010 MISSOURI OLDER DRIVER INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	3,392	7.9
FEBRUARY	3,076	7.1
MARCH	3,301	7.6
APRIL	3,587	8.3
MAY	3,586	8.3
JUNE	3,706	8.6
JULY	3,557	8.2
AUGUST	3,550	8.2
SEPTEMBER	3,743	8.7
OCTOBER	3,963	9.2
NOVEMBER	3,861	8.9
DECEMBER	3,864	9.0
TOTAL	43,186	100.0

TABLE 3.4.10

2010 MISSOURI OLDER DRIVER INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	3,460	8.0
MONDAY	6,261	14.5
TUESDAY	6,699	15.5
WEDNESDAY	7,075	16.4
THURSDAY	6,791	15.7
FRIDAY	7,877	18.2
SATURDAY	5,020	11.6
UNKNOWN	3	--
TOTAL	43,186	100.0

TABLE 3.4.11

2010 MISSOURI OLDER DRIVER INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	232	0.5
01:00A - 01:59A	182	0.4
02:00A - 02:59A	130	0.3
03:00A - 03:59A	97	0.2
04:00A - 04:59A	138	0.3
05:00A - 05:59A	348	0.8
06:00A - 06:59A	814	1.9
07:00A - 07:59A	1,989	4.6
08:00A - 08:59A	2,181	5.1
09:00A - 09:59A	2,268	5.3
10:00A - 10:59A	2,613	6.1
11:00A - 11:59A	3,223	7.5
NOON - 12:59P	3,561	8.3
01:00P - 01:59P	3,522	8.2
02:00P - 02:59P	3,638	8.4
03:00P - 03:59P	4,295	10.0
04:00P - 04:59P	3,862	9.0
05:00P - 05:59P	3,619	8.4
06:00P - 06:59P	2,285	5.3
07:00P - 07:59P	1,303	3.0
08:00P - 08:59P	1,036	2.4
09:00P - 09:59P	903	2.1
10:00P - 10:59P	523	1.2
11:00P - MIDNIGHT	352	0.8
UNKNOWN	72	--
TOTAL	43,186	100.0

TABLE 3.4.12

2010 MISSOURI OLDER DRIVER CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL OLDER DRIVER CRASHES = 271				TOTAL OLDER DRIVER CRASHES = 42,460		
	OLDER DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	OLDER DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	1.5	0.4	1.9	1.3	1.0	2.3
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.1	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.4	0.0	0.4	0.4	0.3	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	15.1	7.4	22.5	5.8	4.8	10.3
IMPROPER PASSING	1.1	2.2	3.3	0.8	0.8	1.7
VIOLATION OF STOP SIGN	3.7	4.4	8.1	2.9	2.5	5.2
WRONG SIDE NOT PASSING	8.5	5.9	14.4	0.7	0.7	1.4
FOLLOWING TOO CLOSE	2.6	3.0	4.8	7.3	10.4	17.4
IMPROPER SIGNAL	0.0	0.0	0.0	0.2	0.1	0.3
IMPROPER BACKING	0.0	0.0	0.0	2.5	1.0	3.4
IMPROPER TURN	0.7	0.7	1.5	2.7	1.4	4.0
IMPROPER LANE USAGE / CHANGE	11.8	5.5	17.3	6.6	3.8	10.2
WRONG WAY ONE-WAY STREET	1.9	0.7	2.6	0.1	0.1	0.2
IMPROPER START FROM PARK	0.0	0.4	0.4	0.2	0.1	0.3
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.2	0.3
FAILED TO YIELD	11.8	9.6	21.4	13.3	9.0	22.0
DRINKING	10.3	6.3	16.6	1.1	0.6	1.8
DRUGS	3.3	1.9	5.2	0.2	0.2	0.4
PHYSICAL IMPAIRMENT	8.5	1.5	10.0	2.0	0.4	2.4
INATTENTION	19.9	9.6	29.5	16.1	13.8	28.9

¹This table identifies the percentage of older driver crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the older driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2010 Missouri fatal older driver crashes, it was found that an older driver was speeding in 15.1% of the crashes. In 7.4% of the crashes another driver was speeding. In 22.5% of the crashes either an older driver, another driver, or both drivers were speeding.

TABLE 3.4.13

OLDER DRIVERS IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	220	71.7	6,996	56.3	20,038	57.0	27,254	56.9
FEMALE	87	28.3	5,436	43.7	15,109	43.0	20,632	43.1
UNKNOWN	0	-	0	-	430	-	430	-
TOTAL	307	100.0	12,432	100.0	35,577	100.0	48,316	100.0

TABLE 3.4.14

OLDER DRIVERS IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF OLDER DRIVER¹	67.1	-	65.5	-	65.5	-	65.5	-
55 - 59 YEARS	95	30.9	3,971	31.9	11,184	31.4	15,250	31.6
60 - 64 YEARS	55	17.9	2,959	23.8	8,493	23.9	11,507	23.8
65 - 69 YEARS	47	15.3	1,978	15.9	5,611	15.8	7,636	15.8
70 - 74 YEARS	31	10.1	1,350	10.9	4,002	11.3	5,383	11.1
75 YEARS AND OVER	79	25.7	2,174	17.5	6,287	17.7	8,540	17.7
TOTAL	307	100.0	12,432	100.0	35,577	100.0	48,316	100.0

¹ Average age is based on only drivers 55 years of age and over.

TABLE 3.4.15

OLDER DRIVERS IN 2010 MISSOURI CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	6	0.1	9	0.0	15	0.0
OPERATOR'S LICENSE	220	72.6	10,112	82.6	27,854	81.0	38,186	81.4
MOTORCYCLE ONLY	0	0.0	0	0.0	2	0.0	2	0.0
COMERCIAL DRIVER'S LICENSE	37	12.2	833	6.8	2,771	8.1	3,641	7.8
SUBTOTAL	257	84.8	10,951	89.5	30,636	89.1	41,844	89.2
OUT STATE								
LEARNER'S PERMIT	0	0.0	1	0.0	1	0.0	2	0.0
OPERATOR'S LICENSE	26	8.6	959	7.8	2,850	8.3	3,835	8.2
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	12	4.0	222	1.8	743	2.2	977	2.1
SUBTOTAL	38	12.6	1,182	9.6	3,594	10.5	4,814	10.3
UNLICENSED	8	2.6	105	0.9	167	0.5	280	0.6
UNKNOWN	4	-	194	-	1,180	-	1,378	-
TOTAL	307	100.0	12,432	100.0	35,577	100.0	48,316	100.0

TABLE 3.4.16

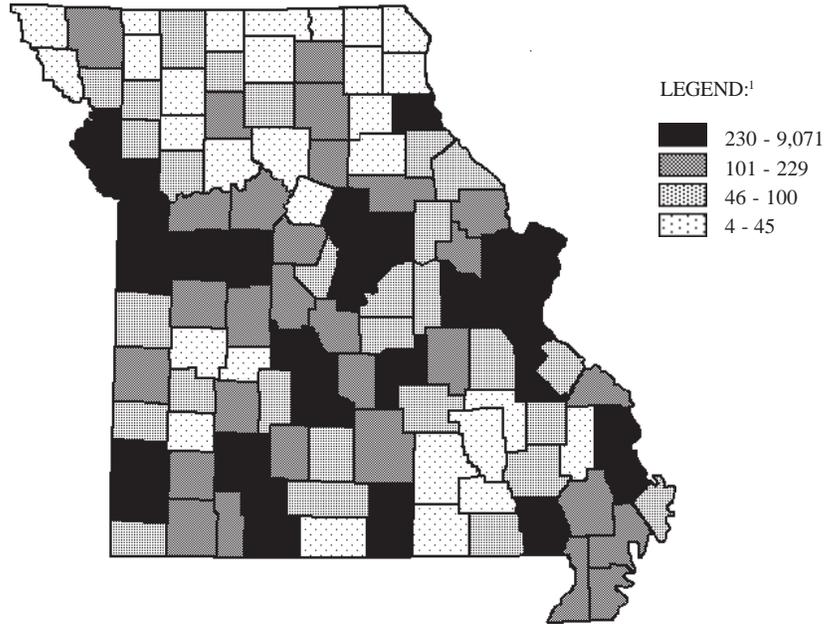
OLDER DRIVERS IN 2010 MISSOURI CRASHES
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	118	38.4	6,405	51.6	18,654	52.5	25,177	52.2
SPORT UTILITY VEHICLE	41	13.4	1,910	15.4	5,484	15.4	7,435	15.4
LIMOUSINE	0	0.0	8	0.1	11	0.0	19	0.0
VAN	22	7.2	1,068	8.6	2,911	8.2	4,001	8.3
BUS	1	0.3	55	0.4	291	0.8	347	0.7
SCHOOL BUS	2	0.7	45	0.4	248	0.7	295	0.6
MOTORCYCLE	26	8.5	361	2.9	86	0.2	473	1.0
ALL TERRAIN VEHICLE	5	1.6	9	0.1	2	0.0	16	0.0
MOPED	0	0.0	12	0.1	0	0.0	12	0.0
MOTOR HOME / CAMPER	1	0.3	13	0.1	55	0.2	69	0.1
FARM EQUIPMENT	0	0.0	23	0.2	49	0.1	72	0.2
CONSTRUCTION EQUIPMENT	1	0.3	8	0.1	14	0.1	23	0.1
OTHER TRANSPORT DEVICE	3	1.0	24	0.2	41	0.1	68	0.1
PICKUP TRUCK	63	20.5	2,106	17.0	6,099	17.2	8,268	17.1
OTHER TRUCKS	24	7.8	377	3.0	1,599	4.5	2,000	4.1
UNKNOWN	0	-	8	-	33	-	41	-
TOTAL	307	100.0	12,432	100.0	35,577	100.0	48,316	100.0

TABLE 3.4.17

2010 OLDER DRIVER INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	9,071	21.0	22.0	CHRISTIAN	319	0.7
2.0	JACKSON	5,907	13.7	23.0	ST FRANCOIS	309	0.7
3.0	ST LOUIS CITY	3,080	7.1	24.0	NEWTON	302	0.7
4.0	GREENE	2,627	6.1	25.0	HOWELL	271	0.6
5.0	ST CHARLES	2,045	4.7	26.0	CALLAWAY	258	0.6
6.0	CLAY	1,507	3.5	27.0	SCOTT	252	0.6
7.0	JEFFERSON	1,188	2.8	28.5	JOHNSON	238	0.6
8.0	JASPER	991	2.3	28.5	MARION	238	0.6
9.0	CAPE GIRARDEAU	859	2.0				First Quartile
10.0	FRANKLIN	762	1.8				
11.0	BUCHANAN	756	1.8				Second Quartile
12.0	BOONE	623	1.4	30.0	RANDOLPH	229	0.5
13.0	COLE	617	1.4	31.0	PULASKI	216	0.5
14.0	TANEY	595	1.4	32.0	LINCOLN	212	0.5
15.0	PLATTE	548	1.3	33.0	BARRY	199	0.5
16.0	CASS	502	1.2	34.5	LAFAYETTE	197	0.5
17.0	BUTLER	439	1.0	34.5	WEBSTER	197	0.5
18.0	PETTIS	430	1.0	36.0	WARREN	192	0.4
19.0	PHELPS	390	0.9	37.0	STONE	191	0.4
20.0	CAMDEN	355	0.8	38.0	DUNKLIN	185	0.4
21.0	LACLEDE	324	0.8	39.0	LAWRENCE	179	0.4
				40.0	SALINE	174	0.4

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.0	STODDARD	153	0.4	78.0	GASCONADE	62	0.1
42.5	LIVINGSTON	152	0.4	79.0	HARRISON	61	0.1
42.5	POLK	152	0.4	80.5	DOUGLAS	59	0.1
44.0	MILLER	150	0.3	80.5	RALLS	59	0.1
45.0	HENRY	145	0.3	82.5	BARTON	58	0.1
46.5	AUDRAIN	141	0.3	82.5	OSAGE	58	0.1
46.5	PEMISCOT	141	0.3	84.0	CEDAR	57	0.1
48.0	COOPER	140	0.3	85.0	MISSISSIPPI	56	0.1
49.0	CRAWFORD	137	0.3	86.0	MARIES	50	0.1
50.0	BENTON	136	0.3				
51.0	ADAIR	129	0.3				Third Quartile
52.0	PERRY	128	0.3				
53.0	MACON	125	0.3				Fourth Quartile
54.0	VERNON	124	0.3	87.5	CARROLL	45	0.1
55.5	MORGAN	116	0.3	87.5	LEWIS	45	0.1
55.5	NEW MADRID	116	0.3	89.0	OREGON	43	0.1
57.0	TEXAS	115	0.3	90.0	CARTER	40	0.1
58.0	NODAWAY	113	0.3	92.0	CALDWELL	38	0.1
			Second Quartile	92.0	IRON	38	0.1
				92.0	ST CLAIR	38	0.1
			Third Quartile	94.0	DAVISS	36	0.1
59.0	BATES	100	0.2	95.0	HICKORY	34	0.1
60.0	ANDREW	96	0.2	96.5	BOLLINGER	33	0.1
61.5	MONTGOMERY	95	0.2	96.5	HOLT	33	0.1
61.5	RAY	95	0.2	98.5	MONROE	32	0.1
63.0	STE GENEVIEVE	88	0.2	98.5	OZARK	32	0.1
64.0	DENT	87	0.2	100.0	ATCHISON	29	0.1
65.0	MC DONALD	86	0.2	101.0	CHARITON	26	0.1
66.0	RIPLEY	78	0.2	103.0	CLARK	25	0.1
67.0	PIKE	77	0.2	103.0	HOWARD	25	0.1
68.5	CLINTON	76	0.2	103.0	SULLIVAN	25	0.1
68.5	WAYNE	76	0.2	105.0	SCOTLAND	24	0.1
70.0	WASHINGTON	74	0.2	106.0	SHELBY	21	0.0
71.0	DE KALB	73	0.2	108.0	PUTNAM	19	0.0
72.0	MONITEAU	70	0.2	108.0	REYNOLDS	19	0.0
73.0	MADISON	67	0.2	108.0	SHANNON	19	0.0
75.5	DALLAS	65	0.2	110.0	GENTRY	15	0.0
75.5	GRUNDY	65	0.2	111.0	SCHUYLER	13	0.0
75.5	LINN	65	0.2	112.0	DADE	12	0.0
75.5	WRIGHT	65	0.2	113.0	MERCER	11	0.0
				114.0	WORTH	7	0.0
				115.0	KNOX	4	0.0

TABLE 3.4.18

2010 OLDER DRIVER INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	4,223	12.9
2.0	ST. LOUIS	3,082	9.4
3.0	SPRINGFIELD	2,223	6.8
4.0	INDEPENDENCE	1,041	3.2
5.0	JOPLIN	739	2.3
6.0	ST. JOSEPH	676	2.1
7.0	LEE'S SUMMIT	647	2.0
8.0	FLORISSANT	641	2.0
9.0	CAPE GIRARDEAU	601	1.8
10.0	ST. CHARLES	570	1.7
11.0	JEFFERSON CITY	548	1.7
12.0	CREVE COEUR	514	1.6
13.0	CHESTERFIELD	468	1.4
14.0	ST. PETERS	442	1.4
15.0	COLUMBIA	426	1.3
16.0	O'FALLON	422	1.3
17.0	BLUE SPRINGS	361	1.1
18.0	BRANSON	345	1.1
19.0	MARYLAND HEIGHTS	331	1.0
20.0	SEDALIA	326	1.0
21.0	POPLAR BLUFF	321	1.0
22.0	TOWN AND COUNTRY	308	0.9
23.0	KIRKWOOD	300	0.9
24.0	HAZELWOOD	249	0.8
25.0	ROLLA	241	0.7
26.0	SUNSET HILLS	239	0.7
27.0	BRIDGETON	234	0.7
28.0	LIBERTY	223	0.7
29.5	FENTON	220	0.7
29.5	RICHMOND HEIGHTS	220	0.7
31.0	LEBANON	203	0.6
32.0	CLAYTON	184	0.6
33.0	MOBERLY	178	0.5
34.0	DES PERES	176	0.5
35.0	GLADSTONE	175	0.5
36.0	RAYTOWN	174	0.5
37.0	WASHINGTON	171	0.5
38.0	BELTON	168	0.5
39.0	SIKESTON	164	0.5
40.0	HANNIBAL	162	0.5
41.0	UNIVERSITY CITY	161	0.5
42.0	JACKSON	156	0.5
43.5	ARNOLD	152	0.5
43.5	OVERLAND	152	0.5
45.5	MANCHESTER	151	0.5
45.5	OSAGE BEACH	151	0.5
47.0	NORTH KANSAS CITY	148	0.5

¹Percentage is based on young driver involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.4.19

**MISSOURI FATAL AND PERSONAL INJURY OLDER DRIVER INVOLVED CRASHES
ANNUAL TIME SERIES**

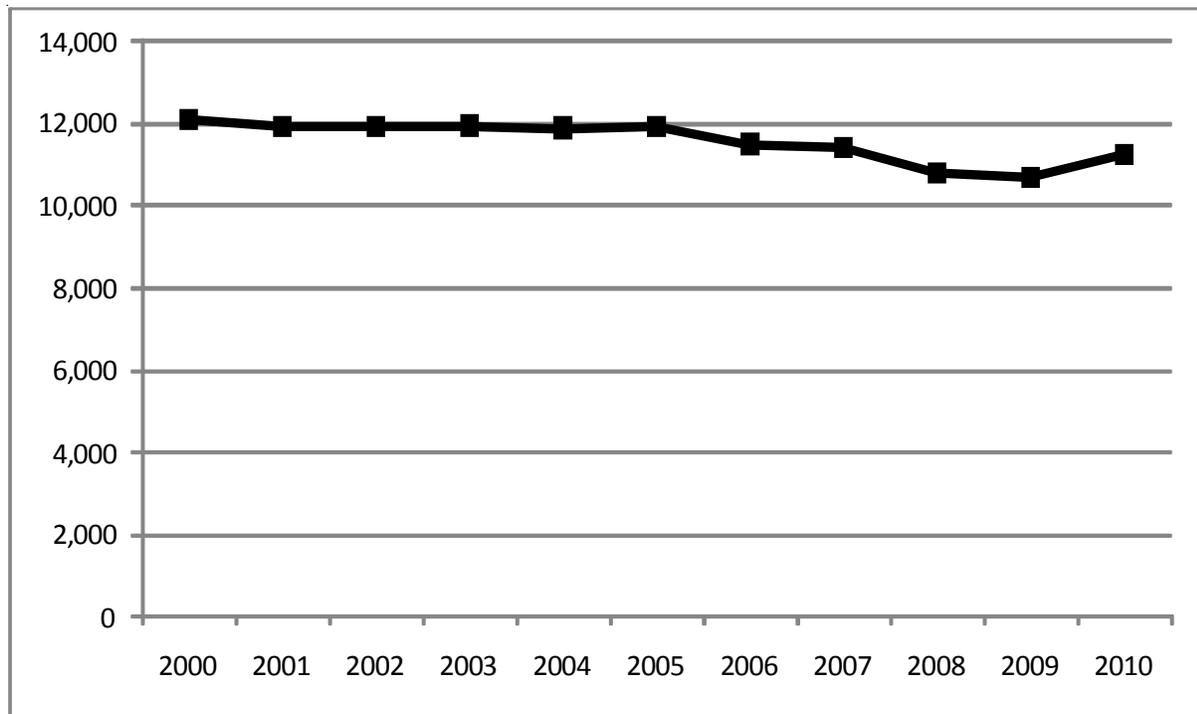


FIGURE 3.4.1

3.5 COMMERCIAL MOTOR VEHICLE INVOLVEMENT

This section presents a series of data displays which identify commercial motor vehicle involvement in Missouri's traffic crash activity. Commercial motor vehicle traffic crashes are defined as any crash in which one or more commercial motor vehicles were directly involved in the incident. Commercial motor vehicles include trucks having a Gross Vehicle Weight Rating of 10,001 pounds or more, buses or school buses having occupant capacities of 16 or more, and vehicles displaying hazardous material placards. This is a change to the definition used in previous editions of the Compendium. Comparisons to previous years may not be appropriate. Data displays also are provided which describe characteristics of the commercial motor vehicle drivers in these traffic crashes.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 9.0% involved a commercial motor vehicle. Of all fatal traffic crashes, 12.6% involved a commercial motor vehicle. A total of 105 persons were killed and 4,007 were injured in commercial motor vehicle crashes.
- There was a increase of 2.5% in the rate of change when comparing all 2010 commercial motor vehicle related traffic crash activity with that in 2009. There was a increase of 4.3% when comparing 2010 fatal commercial motor vehicle traffic crashes with 2009.
- In 2010, one person was killed or injured in a commercial motor vehicle related crash every 2.1 hours in the State of Missouri.
- Of all 2010 commercial motor vehicle crashes, the first harmful event in 70.0% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 14.0% of the cases, it involved a motor vehicle striking a fixed object.
- Of all 2010 commercial motor vehicle involved crashes, 58.7% occurred in an urban area of the State and 41.3% occurred in a rural area. However, in those cases where commercial motor vehicles were involved in fatal crashes 72.2% occurred in rural area.
- Of all commercial motor vehicles in 2010 traffic crashes, 37.6% were non-placarded truck-tractors with one unit, 26.1% were non-placarded single unit trucks, and 4.4% were non-placarded school buses.
- Of all commercial motor vehicle drivers in 2010 traffic crashes, 90.3% were male and 9.7% were female. The average age of commercial motor vehicle drivers was 44.4 years.
- Of all commercial motor vehicle drivers in these crashes, 71.2% had a Missouri driver's license, 28.2% had an out-of-state driver's license, and 0.6% were unlicensed at the time of the traffic crash.

2010 MISSOURI TRAFFIC CRASHES

COMMERCIAL MOTOR VEHICLE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED INJURED	COMM. MOTOR VEH. DRIVERS/PASSENGERS² KILLED INJURED
COMMERCIAL MOTOR VEHICLE INVOLVED	97	12.6	2,485	6.6	10,739	9.8	13,321	9.0	105	25
NO COMMERCIAL MOTOR VEHICLE INVOLVED	674	87.4	34,955	93.4	98,551	90.2	134,180	91.0	709	-
UNKNOWN ³	7	-	173	-	3,672	-	3,852	-	7	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875

¹This statistic indicates the total number of persons killed and injured in a crash where one or more commercial motor vehicles were involved.

²This statistic indicates the number of commercial motor vehicle drivers and passengers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a commercial motor vehicle and the body type of one or more vehicles involved in the crash was not known.

TABLE 3.5.1

2009 and 2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	93	97	+4.3
PERSONAL INJURY	2,303	2,485	+7.9
PROPERTY DAMAGE	10,559	10,739	+1.7
TOTAL	12,955	13,321	+2.5

TABLE 3.5.2

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	7	0.3	212	2.0	219	1.6
BICYCLIST	1	1.0	16	0.6	5	0.1	22	0.2
FIXED OBJECT	9	9.3	267	10.7	1,588	14.8	1,864	14.0
OTHER OBJECT	2	2.1	25	1.0	165	1.5	192	1.4
PEDESTRIAN	4	4.1	31	1.3	3	0.0	38	0.3
TRAIN	1	1.0	3	0.1	6	0.1	10	0.1
VEHICLE IN TRANSPORT	68	70.1	1,913	77.0	7,338	68.3	9,319	70.0
VEHICLE ON OTHER ROADWAY	0	0.0	2	0.1	19	0.2	21	0.2
PARKED VEHICLE	4	4.1	71	2.9	995	9.3	1,070	8.0
NONCOLLISION OVERTURN	8	8.3	132	5.3	187	1.7	327	2.5
NONCOLLISION OTHER	0	0.0	18	0.7	221	2.1	239	1.8
TOTAL	97	100.0	2,485	100.0	10,739	100.0	13,321	100.0

TABLE 3.5.3

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	27	27.8	1,367	55.0	6,429	59.9	7,823	58.7
RURAL	70	72.2	1,118	45.0	4,310	40.1	5,498	41.3
TOTAL	97	100.0	2,485	100.0	10,739	100.0	13,321	100.0

TABLE 3.5.4

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	72	74.2	2,114	85.9	9,047	86.2	11,233	86.1
CURVE	25	25.8	348	14.1	1,447	13.8	1,820	13.9
UNKNOWN	0	-	23	-	245	-	268	-
TOTAL	97	100.0	2,485	100.0	10,739	100.0	13,321	100.0

TABLE 3.5.5

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	51	52.6	1,608	65.8	7,262	69.8	8,921	68.9
HILL	45	46.4	783	32.0	2,944	28.3	3,772	29.1
CREST	1	1.0	55	2.2	196	1.9	252	2.0
UNKNOWN	0	-	39	-	337	-	376	-
TOTAL	97	100.0	2,485	100.0	10,739	100.0	13,321	100.0

TABLE 3.5.6

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	78	80.4	1,947	79.2	8,368	78.9	10,393	78.9
WET	15	15.5	377	15.3	1,516	14.3	1,908	14.5
SNOW	2	2.1	86	3.5	496	4.7	584	4.4
ICE	2	2.1	38	1.6	180	1.7	220	1.7
SLUSH	0	0.0	9	0.4	37	0.4	46	0.4
MUD	0	0.0	1	0.0	5	0.1	6	0.1
STANDING WATER	0	0.0	1	0.0	2	0.0	3	0.0
MOVING WATER	0	0.0	0	0.0	6	0.1	6	0.1
UNKNOWN	0	-	26	-	129	-	155	-
TOTAL	97	100.0	2,485	100.0	10,739	100.0	13,321	100.0

TABLE 3.5.7

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	16	16.5	599	24.1	2,431	22.6	3,046	22.9
U.S. HIGHWAY	40	41.2	357	14.4	1,222	11.4	1,619	12.2
STATE NUMBERED	16	16.5	404	16.3	1,384	12.9	1,804	13.5
SINGLE STATE LETTERED	10	10.3	136	5.5	463	4.3	609	4.6
DOUBLE STATE LETTERED	2	2.1	54	2.2	164	1.5	220	1.7
OUTER ROAD	0	0.0	15	0.6	69	0.6	84	0.6
COUNTY ROAD	1	1.0	142	5.7	587	5.5	730	5.5
CITY STREET	11	11.3	734	29.5	4,119	38.4	4,864	36.5
INTERSTATE LOOP	0	0.0	7	0.3	14	0.1	21	0.2
OTHER ¹	1	1.0	37	1.5	286	2.7	324	2.4
TOTAL	97	100.0	2,485	100.0	10,739	100.0	13,321	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.5.8

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %				
INTERSTATE	6	22.2	349	25.5	1,224	19.0	1,579	20.2	10	14.3	250	22.4	1,207	28.0	1,467	26.7
U.S. HIGHWAY	7	25.9	129	9.4	479	7.5	615	7.9	33	47.1	228	20.4	743	17.2	1,004	18.3
STATE NUMBERED	3	11.1	130	9.5	573	8.9	706	9.0	13	18.6	274	24.5	811	18.8	1,098	20.0
SINGLE STATE LETTERED	0	0.0	26	1.9	88	1.4	114	1.5	10	14.3	110	9.8	375	8.7	495	9.0
DOUBLE STATE LETTERED	0	0.0	15	1.1	46	0.7	61	0.8	2	2.9	39	3.5	118	2.7	159	2.9
OUTER ROAD	0	0.0	6	0.4	36	0.6	42	0.5	0	0.0	9	0.8	33	0.8	42	0.8
COUNTY ROAD	0	0.0	12	0.9	71	1.1	83	1.1	1	1.4	130	11.6	516	12.0	647	11.8
CITY STREET	11	40.7	672	49.2	3,706	57.7	4,389	56.1	0	0.0	62	5.6	413	9.6	475	8.6
INTERSTATE LOOP	0	0.0	4	0.3	6	0.1	10	0.1	0	0.0	3	0.3	8	0.2	11	0.2
OTHER ¹	0	0.0	24	1.8	200	3.1	224	2.9	1	1.4	13	1.2	86	2.0	100	1.8
TOTAL	27	100.0	1,367	100.0	6,429	100.0	7,823	100.0	70	100.0	1,118	100.0	4,310	100.0	5,498	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.5.9

2010 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	1,131	8.5
FEBRUARY	1,035	7.8
MARCH	1,056	7.9
APRIL	1,112	8.4
MAY	1,120	8.4
JUNE	1,190	8.9
JULY	1,071	8.0
AUGUST	1,086	8.2
SEPTEMBER	1,182	8.9
OCTOBER	1,170	8.8
NOVEMBER	1,062	8.0
DECEMBER	1,106	8.3
TOTAL	13,321	100.0

TABLE 3.5.10

2010 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	777	5.8
MONDAY	2,077	15.6
TUESDAY	2,326	17.5
WEDNESDAY	2,355	17.7
THURSDAY	2,306	17.3
FRIDAY	2,396	18.0
SATURDAY	1,083	8.1
UNKNOWN	1	--
TOTAL	13,321	100.0

TABLE 3.5.11

2010 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	170	1.3
01:00A - 01:59A	127	1.0
02:00A - 02:59A	127	1.0
03:00A - 03:59A	131	1.0
04:00A - 04:59A	122	0.9
05:00A - 05:59A	185	1.4
06:00A - 06:59A	415	3.1
07:00A - 07:59A	807	6.1
08:00A - 08:59A	897	6.8
09:00A - 09:59A	815	6.1
10:00A - 10:59A	863	6.5
11:00A - 11:59A	916	6.9
NOON - 12:59P	935	7.0
01:00P - 01:59P	981	7.4
02:00P - 02:59P	991	7.5
03:00P - 03:59P	1,207	9.1
04:00P - 04:59P	956	7.2
05:00P - 05:59P	756	5.7
06:00P - 06:59P	551	4.2
07:00P - 07:59P	341	2.6
08:00P - 08:59P	310	2.3
09:00P - 09:59P	280	2.1
10:00P - 10:59P	224	1.7
11:00P - MIDNIGHT	182	1.4
UNKNOWN	32	--
TOTAL	13,321	100.0

TABLE 3.5.12

2010 MISSOURI COMMERCIAL MOTOR VEHICLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL COMMERCIAL MOTOR VEHICLE CRASHES = 97				TOTAL COMMERCIAL MOTOR VEHICLE CRASHES = 13,321		
	COMM. M. V. DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	COMM. M. V. DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	3.1	1.0	4.1	5.0	1.1	6.1
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	1.0	1.0	0.5	0.4	0.8
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	6.2	16.5	22.7	6.1	6.2	12.1
IMPROPER PASSING	0.0	3.1	3.1	1.1	2.0	3.0
VIOLATION OF STOP SIGN	1.0	6.2	7.2	1.3	1.7	2.9
WRONG SIDE NOT PASSING	2.1	10.3	12.4	0.9	0.9	1.7
FOLLOWING TOO CLOSE	3.1	2.1	5.2	6.2	4.7	10.7
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPER BACKING	0.0	0.0	0.0	4.1	0.7	4.8
IMPROPER TURN	0.0	1.0	1.0	5.2	1.2	6.4
IMPROPER LANE USAGE / CHANGE	8.2	10.3	18.6	10.5	7.1	16.8
WRONG WAY ONE-WAY STREET	0.0	2.1	2.1	0.1	0.1	0.2
IMPROPER START FROM PARK	0.0	1.0	1.0	0.2	0.1	0.2
IMPROPERLY PARKED	0.0	0.0	0.0	0.3	0.4	0.7
FAILED TO YIELD	6.2	17.5	23.7	5.1	6.5	11.4
DRINKING	3.1	14.4	17.5	0.5	1.0	1.5
DRUGS	0.0	2.1	2.1	0.1	0.3	0.4
PHYSICAL IMPAIRMENT	1.0	0.0	1.0	0.9	0.6	1.5
INATTENTION	13.4	21.6	33.0	18.0	10.6	27.5

¹This table identifies the percentage of commercial motor vehicle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the commercial motor vehicle driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2010 Missouri fatal commercial motor vehicle crashes, it was found that a commercial motor vehicle driver was speeding in 6.2% of the crashes. In 16.5% of the crashes another driver was speeding. In 22.7% of the crashes either a commercial motor vehicle driver, another driver, or both drivers were speeding.

TABLE 3.5.13

COMMERCIAL MOTOR VEHICLES IN 2010 MISSOURI CRASHES
TYPE OF COMMERCIAL MOTOR VEHICLE BY CRASH SEVERITY

PLACARDED	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	0	0.0	17	30.9	54	31.8	71	31.4
SPORT UTILITY VEHICLE	0	0.0	5	9.1	11	6.5	16	7.1
VAN	0	0.0	2	3.6	7	4.1	9	4.0
OTHER TRANSPORT DEVICE	0	0.0	0	0.0	2	1.2	2	0.9
PICKUP TRUCK	0	0.0	2	3.6	13	7.7	15	6.6
SINGLE UNIT TRUCK	0	0.0	10	18.2	19	11.2	29	12.8
TRUCK-TRACTOR - NO UNIT	0	0.0	0	0.0	1	0.6	1	0.4
TRUCK-TRACTOR - 1 UNIT	1	100.0	19	34.6	53	31.2	73	32.3
TRUCK-TRACTOR - 2 UNITS	0	0.0	0	0.0	6	3.5	6	2.7
OTHER HEAVY TRUCKS	0	0.0	0	0.0	3	1.8	3	1.3
UNKNOWN	0	0.0	0	0.0	1	0.6	1	0.4
NON-PLACARDED TRUCKS HAVING A GCVWR OF 10,001 POUNDS OR MORE								
PICKUP TRUCK	12	11.8	489	18.8	1,918	17.0	2,419	17.3
SINGLE UNIT TRUCK	34	33.3	689	26.5	2,934	25.9	3,657	26.1
TRUCK-TRACTOR - NO UNITS	2	2.0	45	1.7	205	1.8	252	1.8
TRUCK-TRACTOR - 1 UNIT	46	45.1	937	36.0	4,281	37.8	5,264	37.6
TRUCK-TRACTOR - 2 UNITS	1	1.0	36	1.4	123	1.1	160	1.1
TRUCK-TRACTOR - 3 UNITS	0	0.0	2	0.1	9	0.1	11	0.1
OTHER HEAVY TRUCKS	1	1.0	128	4.9	721	6.4	850	6.1
NON-PLACARDED BUS - 16 OR MORE SEATING CAPACITY								
BUS	1	1.0	166	6.4	620	5.5	787	5.6
SCHOOL BUS	5	4.9	109	4.2	503	4.5	617	4.4
TOTAL	103	100.0	2,656	100.0	11,484	100.0	14,243	100.0

TABLE 3.5.14

COMMERCIAL MOTOR VEHICLES IN 2010 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	3	2.9	79	3.0	431	3.8	513	3.6
KNOWN DRIVER INVOLVED	99	96.1	2,511	94.5	10,255	89.3	12,865	90.3
UNKNOWN DRIVER INVOLVED	1	1.0	66	2.5	798	6.9	865	6.1
TOTAL	103	100.0	2,656	100.0	11,484	100.0	14,243	100.0

TABLE 3.5.15

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	92	92.9	2,227	88.7	9,229	90.7	11,548	90.3
FEMALE	7	7.1	284	11.3	951	9.3	1,242	9.7
UNKNOWN	1	-	66	-	872	-	939	-
TOTAL	100	100.0	2,577	100.0	11,052	100.0	13,729	100.0

TABLE 3.5.16

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	48.2	-	44.2	-	44.4	-	44.4	-
14 YEARS AND UNDER	0	0.0	1	0.0	1	0.0	2	0.0
15 - 20 YEARS	3	3.0	68	2.7	239	2.4	310	2.4
21 - 25 YEARS	6	6.1	155	6.2	612	6.0	773	6.1
26 - 30 YEARS	2	2.0	208	8.3	919	9.1	1,129	8.9
31 - 35 YEARS	5	5.1	254	10.1	995	9.8	1,254	9.8
36 - 40 YEARS	9	9.1	297	11.9	1,175	11.6	1,481	11.6
41 - 45 YEARS	18	18.2	320	12.8	1,271	12.5	1,609	12.6
46 - 50 YEARS	11	11.1	379	15.1	1,487	14.7	1,877	14.7
51 - 55 YEARS	17	17.2	338	13.5	1,371	13.5	1,726	13.5
56 - 60 YEARS	16	16.2	212	8.5	982	9.7	1,210	9.5
61 - 65 YEARS	3	3.0	135	5.4	548	5.4	686	5.4
66 YEARS AND OVER	9	9.1	140	5.6	548	5.4	697	5.5
UNKNOWN	1	-	70	-	904	-	975	-
TOTAL	100	100.0	2,577	100.0	11,052	100.0	13,729	100.0

TABLE 3.5.17

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2010 MISSOURI CRASHES

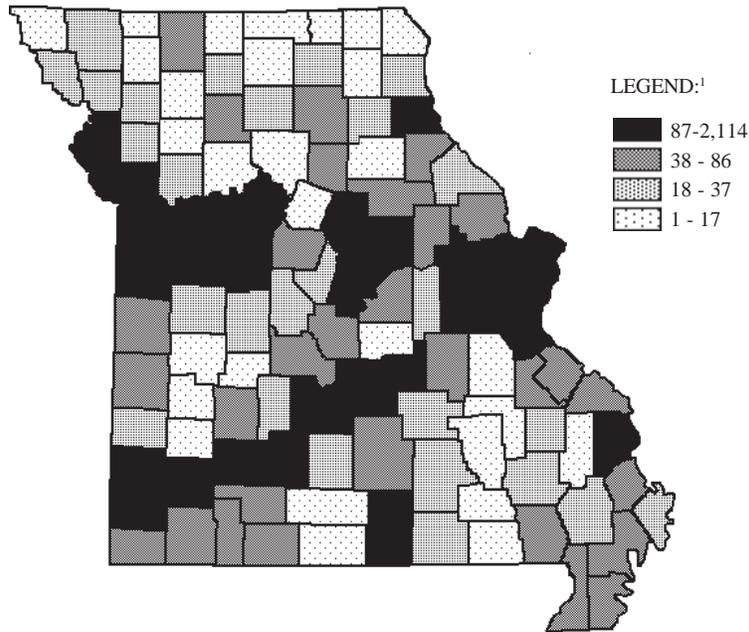
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	4	0.2	7	0.1	11	0.1
OPERATOR'S LICENSE	17	17.2	701	28.5	2,740	27.7	3,458	27.8
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	52	52.5	1,083	44.0	4,256	43.0	5,391	43.3
SUBTOTAL	69	69.7	1,788	72.7	7,003	70.8	8,860	71.2
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	2	0.0	2	0.0
OPERATOR'S LICENSE	3	3.0	104	4.2	466	4.7	573	4.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	26	26.3	545	22.2	2,368	23.9	2,939	23.6
SUBTOTAL	29	29.3	649	26.4	2,836	28.6	3,514	28.2
UNLICENSED	1	1.0	23	0.9	56	0.6	80	0.6
UNKNOWN	1	-	117	-	1,157	-	1,275	-
TOTAL	100	100.0	2,577	100.0	11,052	100.0	13,729	100.0

TABLE 3.5.18

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹ LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	2114	15.9	23.5	LAFAYETTE	95	0.7
2.0	JACKSON	1753	13.2	25.5	LAWRENCE	93	0.7
3.0	ST LOUIS CITY	1401	10.5	25.5	WEBSTER	93	0.7
4.0	GREENE	616	4.6	27.0	LACLEDE	88	0.7
5.0	ST CHARLES	608	4.6	28.5	MARION	87	0.7
6.0	CLAY	463	3.5	28.5	SALINE	87	0.7
7.0	JEFFERSON	407	3.1	First Quartile			
8.0	BUCHANAN	320	2.4	-----			
9.0	FRANKLIN	302	2.3	Second Quartile			
10.0	JASPER	245	1.8	30.0	LINCOLN	85	0.6
11.0	BOONE	198	1.5	31.0	ST FRANCOIS	83	0.6
12.0	PHELPS	192	1.4	32.0	CHRISTIAN	77	0.6
13.0	PLATTE	186	1.4	33.0	PERRY	75	0.6
14.0	CAPE GIRARDEAU	182	1.4	34.0	PEMISCOT	73	0.5
15.0	CASS	159	1.2	36.0	BUTLER	71	0.5
16.0	COLE	125	0.9	36.0	COOPER	71	0.5
17.0	NEWTON	121	0.9	36.0	SCOTT	71	0.5
18.0	WARREN	118	0.9	38.0	NEW MADRID	65	0.5
19.0	PETTIS	111	0.8	39.5	MONTGOMERY	64	0.5
20.0	JOHNSON	105	0.8	39.5	TANEY	64	0.5
21.0	CALLAWAY	104	0.8	41.0	CAMDEN	63	0.5
22.0	PULASKI	99	0.7	42.0	CRAWFORD	61	0.5
23.5	HOWELL	95	0.7	43.0	BARRY	57	0.4

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
44.5	POLK	54	0.4	81.5	GRUNDY	21	0.2
44.5	RANDOLPH	54	0.4	81.5	WAYNE	21	0.2
46.5	DUNKLIN	51	0.4	84.0	SHELBY	19	0.1
46.5	TEXAS	51	0.4	85.5	MADISON	18	0.1
48.0	VERNON	49	0.4	85.5	SHANNON	18	0.1
49.0	LIVINGSTON	48	0.4				Third Quartile
50.0	BATES	47	0.4				
52.0	AUDRAIN	45	0.3				Fourth Quartile
52.0	MACON	45	0.3	88.5	ATCHISON	17	0.1
52.0	MILLER	45	0.3	88.5	DAVISS	17	0.1
54.0	STE GENEVIEVE	44	0.3	88.5	MARIES	17	0.1
55.0	MC DONALD	43	0.3	88.5	MONROE	17	0.1
56.0	RALLS	41	0.3	91.5	CALDWELL	16	0.1
58.0	HARRISON	38	0.3	91.5	DOUGLAS	16	0.1
58.0	OSAGE	38	0.3	93.0	ST CLAIR	15	0.1
58.0	STONE	38	0.3	95.0	CLARK	14	0.1
			Second Quartile	95.0	SULLIVAN	14	0.1
			Third Quartile	95.0	WASHINGTON	14	0.1
60.0	CLINTON	37	0.3	97.0	CEDAR	13	0.1
61.5	ANDREW	36	0.3	99.0	CHARITON	12	0.1
61.5	LEWIS	36	0.3	99.0	HOWARD	12	0.1
63.0	HENRY	34	0.3	99.0	IRON	12	0.1
64.0	ADAIR	33	0.2	102.0	KNOX	11	0.1
66.0	MORGAN	31	0.2	102.0	OZARK	11	0.1
66.0	PIKE	31	0.2	102.0	SCOTLAND	11	0.1
66.0	WRIGHT	31	0.2	105.5	BOLLINGER	10	0.1
68.5	MONITEAU	30	0.2	105.5	MERCER	10	0.1
68.5	NODAWAY	30	0.2	105.5	PUTNAM	10	0.1
70.5	DENT	28	0.2	105.5	RIPLEY	10	0.1
70.5	STODDARD	28	0.2	108.0	CARTER	9	0.1
72.0	MISSISSIPPI	27	0.2	109.5	GENTRY	7	0.1
73.5	BENTON	26	0.2	109.5	REYNOLDS	7	0.1
73.5	GASCONADE	26	0.2	112.5	CARROLL	4	0.0
76.0	DALLAS	25	0.2	112.5	DADE	4	0.0
76.0	HOLT	25	0.2	112.5	HICKORY	4	0.0
76.0	OREGON	25	0.2	112.5	SCHUYLER	4	0.0
78.0	RAY	24	0.2	115.0	WORTH	1	0.0
79.0	LINN	22	0.2				
81.5	BARTON	21	0.2				
81.5	DE KALB	21	0.2				

TABLE 3.5.19

2010 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT¹
1.0	ST. LOUIS	1,402	15.8
2.0	KANSAS CITY	1,342	15.1
3.0	SPRINGFIELD	450	5.1
4.0	ST. JOSPEH	282	3.2
5.0	LEE'S SUMMIT	185	2.1
6.0	INDEPENDENCE	183	2.1
7.0	JOPLIN	139	1.6
8.0	O'FALLON	132	1.5
9.0	ST. PETERS	124	1.4
10.0	COLUMBIA	113	1.3
11.0	JEFFERSON CITY	102	1.1
12.0	BLUE SPRINGS	100	1.1
13.0	CAPE GIRARDEAU	93	1.0
14.0	ST. CHARLES	91	1.0
15.0	MARYLAND HEIGHTS	89	1.0
16.0	BRIDGETON	86	1.0
17.5	CHESTERFIELD	80	0.9
17.5	ROLLA	80	0.9
19.0	CREVE COEUR	79	0.9
20.0	KIRKWOOD	78	0.9
21.5	FENTON	77	0.9
21.5	WENTZVILLE	77	0.9
23.5	HAZELWOOD	75	0.8
23.5	SEDALIA	75	0.8
25.0	FLORISSANT	72	0.8
26.0	SUNSET HILLS	69	0.8
27.0	NORTH KANSAS CITY	63	0.7
28.0	TOWN AND COUNTRY	62	0.7
29.0	LIBERTY	56	0.6
30.0	UNIVERSITY CITY	51	0.6
31.5	FESTUS	50	0.6
31.5	JACKSON	50	0.6
33.5	CLAYTON	48	0.5
33.5	ST. ANN	48	0.5
35.0	GRANDVIEW	47	0.5
36.0	EUREKA	46	0.5
37.5	GLADSTONE	44	0.5
37.5	HANNIBAL	44	0.5
39.0	BERKELEY	43	0.5
40.5	UNION	42	0.5
40.5	WARRENSBURG	42	0.5
42.5	RICHMOND HEIGHTS	41	0.5
42.5	VALLEY PARK	41	0.5

¹Percentage is based on commercial motor vehicle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.5.20

**MISSOURI FATAL AND PERSONAL INJURY COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES
ANNUAL TIME SERIES**

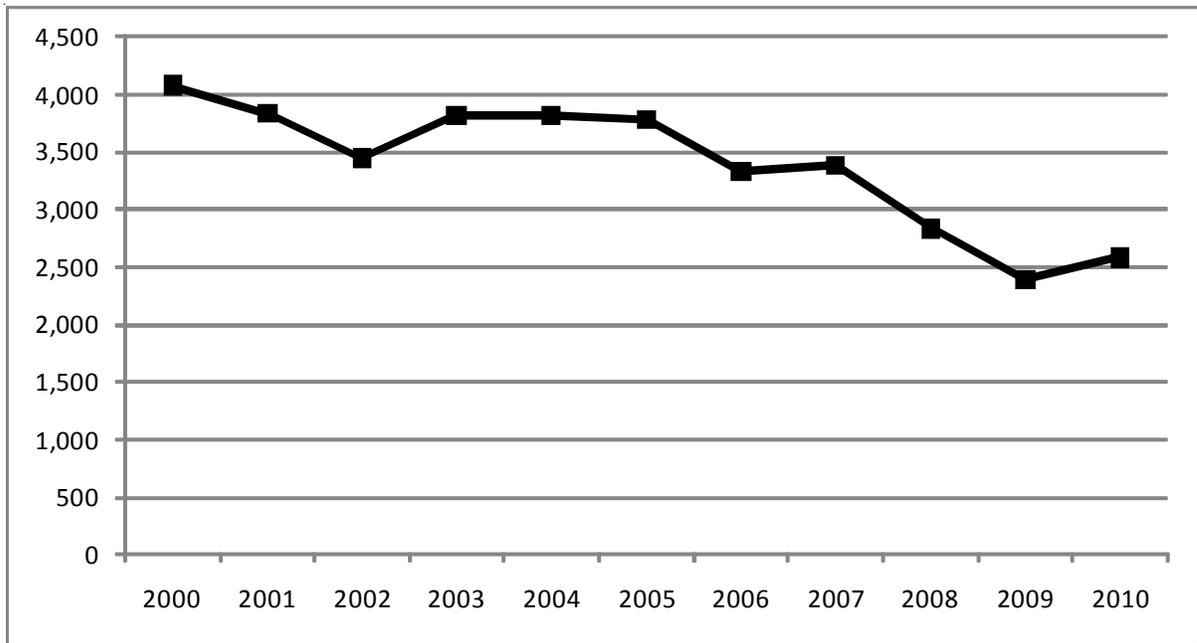


FIGURE 3.5.1

3.6 MOTORCYCLE INVOLVEMENT

This section presents a series of data displays which describe motorcycle involvement in Missouri's traffic crash experience. Motorcycle traffic crashes are defined as any crash in which one or more motorcycles were involved in the incident. Mopeds and all terrain vehicles (ATV's) are not considered motorcycles for the purpose of this analysis. Data displays also are provided in this section which identify characteristics of motorcycle drivers in traffic crashes.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 1.6% involved a motorcycle. Of all fatal traffic crashes, 12.2% involved a motorcycle. A total of 97 persons were killed and 2,036 were injured in motorcycle crashes.
- There was an decrease of 5.1% in the rate of change when comparing total 2010 motorcycle traffic crashes with those in 2009. There was an increase of 13.3% when comparing fatal 2010 motorcycle crashes with 2009.
- In 2010, one person was killed or injured in a motorcycle traffic crash every 4.1 hours in the State of Missouri.
- Of all 2010 motorcycle crashes, the first harmful event in 42.6% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 26.7% of the cases, it involved a motor vehicle overturning. In fatal motorcycle traffic crashes, 23.4% of the cases involved a motor vehicle striking a fixed object.
- Of all 2010 motorcycle traffic crashes, 50.7% occurred in urban regions of the State and 49.3% occurred in rural areas. However, in fatal motorcycle crashes, 56.4% occurred in a rural area.
- Of all motorcycle drivers in traffic crashes, 94.5% were male and 5.5% were female. The average age of motorcyclists was 41.2 years.
- Motorcycle drivers were speeding in 42.6% of all fatal motorcycle traffic crashes and their drinking was a causative factor in 12.8% of these crashes.
- Of those motorcyclists in 2010 traffic crashes who wore a helmet, 27.4% were either killed or received a major disabling injury. Of those not wearing helmets, 37.7% were either killed or received a major disabling injury.

2010 MISSOURI TRAFFIC CRASHES

MOTORCYCLE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	TOTAL NUMBER¹ INJURED	MOTORCYCLE DRIVERS/PASSENGERS² KILLED	MOTORCYCLE PASSENGERS² INJURED
MOTORCYCLE INVOLVED	94	12.2	1,731	4.6	480	0.4	2,305	1.6	97	2,036	93	1,917
NO MOTORCYCLE INVOLVED	677	87.8	35,711	95.4	108,776	99.6	145,164	98.4	717	52,619	-	-
UNKNOWN³	7	-	171	-	3,815	-	3,706	-	7	220	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	93	1,917

¹This statistic indicates the total number of persons killed and injured in a crash where one or more motorcycles were involved.

²This statistic indicates the number of motorcycle drivers and passengers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a motorcycle and the body type of one or more vehicles involved in the crash was not known.

TABLE 3.6.1

2009 AND 2010 MOTORCYCLE INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	83	94	+13.3
PERSONAL INJURY	1,843	1,731	-6.1
PROPERTY DAMAGE	502	480	-4.4
TOTAL	2,428	2,305	-5.1

TABLE 3.6.2

2010 MOTORCYCLE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	2	2.1	92	5.3	15	3.1	109	4.7
BICYCLIST	0	0.0	5	0.3	0	0.0	5	0.2
FIXED OBJECT	22	23.4	313	18.1	43	9.0	378	16.4
OTHER OBJECT	0	0.0	13	0.8	6	1.3	19	0.8
PEDESTRIAN	0	0.0	6	0.4	0	0.0	6	0.3
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	47	50.0	651	37.6	284	59.2	982	42.6
VEHICLE ON OTHER ROADWAY	0	0.0	2	0.1	0	0.0	2	0.1
PARKED VEHICLE	1	1.1	14	0.8	43	9.0	58	2.5
NONCOLLISION OVERTURN	20	21.3	533	30.8	63	13.1	616	26.7
NONCOLLISION OTHER	2	2.1	102	5.9	26	5.4	130	5.6
TOTAL	94	100.0	1,731	100.0	480	100.0	2,305	100.0

TABLE 3.6.3

2010 MOTORCYCLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	41	43.6	821	47.4	306	63.8	1,168	50.7
RURAL	53	56.4	910	52.6	174	36.2	1,137	49.3
TOTAL	94	100.0	1,731	100.0	480	100.0	2,305	100.0

TABLE 3.6.4

2010 MOTORCYCLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	52	55.9	1,136	66.3	377	80.2	1,565	68.7
CURVE	41	44.1	578	33.7	93	19.8	712	31.3
UNKNOWN	1	-	17	-	10	-	28	-
TOTAL	94	100.0	1,731	100.0	480	100.0	2,305	100.0

TABLE 3.6.5

2010 MOTORCYCLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	46	48.9	1,022	59.7	315	67.9	1,383	60.9
HILL	46	48.9	642	37.5	134	28.9	822	36.2
CREST	2	2.1	48	2.8	15	3.2	65	2.9
UNKNOWN	0	-	19	-	16	-	35	-
TOTAL	94	100.0	1,731	100.0	480	100.0	2,305	100.0

TABLE 3.6.6

2010 MOTORCYCLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	91	96.8	1,619	94.8	442	93.3	2,152	94.6
WET	3	3.2	84	4.9	28	5.9	115	5.1
SNOW	0	0.0	0	0.0	2	0.4	2	0.1
ICE	0	0.0	2	0.1	0	0.0	2	0.1
SLUSH	0	0.0	1	0.1	2	0.0	3	0.1
MUD	0	0.0	1	0.1	0	0.0	1	0.0
STANDING WATER	0	0.0	1	0.1	0	0.0	1	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	23	-	6	-	29	-
TOTAL	94	100.0	1,731	100.0	480	100.0	2,305	100.0

TABLE 3.6.7

2010 MOTORCYCLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	12	12.8	140	8.1	41	8.5	193	8.4
U.S. HIGHWAY	16	17.0	179	10.3	44	9.2	239	10.4
STATE NUMBERED	24	25.5	328	19.0	82	17.1	434	18.8
SINGLE STATE LETTERED	9	9.6	191	11.0	27	5.6	227	9.9
DOUBLE STATE LETTERED	2	2.1	84	4.9	16	3.3	102	4.4
OUTER ROAD	0	0.0	13	0.8	4	0.8	17	0.7
COUNTY ROAD	11	11.7	186	10.8	33	6.9	230	10.0
CITY STREET	20	21.3	570	32.9	219	45.6	809	35.1
INTERSTATE LOOP	0	0.0	6	0.4	1	0.2	7	0.3
OTHER ¹	0	0.0	34	2.0	13	2.7	47	2.0
TOTAL	94	100.0	1,731	100.0	480	100.0	2,305	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.6.8

2010 MOTORCYCLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	8	19.5	88	10.7	19	6.2	115	9.9	4	7.6	52	5.7	22	12.6	78	6.9
U.S. HIGHWAY	7	17.1	77	9.4	27	8.8	111	9.5	9	17.0	102	11.2	17	9.8	128	11.3
STATE NUMBERED	4	9.8	82	10.0	40	13.1	126	10.8	20	37.7	246	27.0	42	24.1	308	27.1
SINGLE STATE LETTERED	1	2.4	14	1.7	4	1.3	19	1.6	8	15.1	177	19.5	23	13.2	208	18.3
DOUBLE STATE LETTERED	0	0.0	14	1.7	4	1.3	18	1.5	2	3.8	70	7.7	12	6.9	84	7.4
OUTER ROAD	0	0.0	5	0.6	4	1.3	9	0.8	0	0.0	8	0.9	0	0.0	8	0.7
COUNTY ROAD	2	4.9	18	2.2	5	1.6	25	2.1	9	17.0	168	18.5	28	16.1	205	18.0
CITY STREET	19	46.3	499	60.8	193	63.1	711	60.9	1	1.9	71	7.8	26	14.9	98	8.6
INTERSTATE LOOP	0	0.0	2	0.2	0	0.0	2	0.2	0	0.0	4	0.4	1	0.6	5	0.4
OTHER ¹	0	0.0	22	2.7	10	3.3	32	2.8	0	0.0	12	1.3	3	1.7	15	1.3
TOTAL	41	100.0	821	100.0	306	100.0	1,168	100.0	53	100.0	910	100.0	174	100.0	1,137	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.6.9

2010 MISSOURI MOTORCYCLE INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	16	0.7
FEBRUARY	25	1.1
MARCH	144	6.3
APRIL	258	11.2
MAY	271	11.8
JUNE	308	13.4
JULY	290	12.6
AUGUST	326	14.1
SEPTEMBER	263	11.4
OCTOBER	266	11.5
NOVEMBER	108	4.7
DECEMBER	30	1.3
TOTAL	2,305	100.0

TABLE 3.6.10

2010 MISSOURI MOTORCYCLE INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	341	14.8
MONDAY	262	11.4
TUESDAY	280	12.2
WEDNESDAY	288	12.5
THURSDAY	288	12.5
FRIDAY	371	16.1
SATURDAY	475	20.6
TOTAL	2,305	100.0

TABLE 3.6.11

2010 MISSOURI MOTORCYCLE INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	39	1.7
01:00A - 01:59A	34	1.5
02:00A - 02:59A	16	0.7
03:00A - 03:59A	15	0.7
04:00A - 04:59A	10	0.4
05:00A - 05:59A	18	0.8
06:00A - 06:59A	33	1.4
07:00A - 07:59A	53	2.3
08:00A - 08:59A	49	2.1
09:00A - 09:59A	56	2.4
10:00A - 10:59A	87	3.8
11:00A - 11:59A	107	4.7
NOON - 12:59P	133	5.8
01:00P - 01:59P	154	6.7
02:00P - 02:59P	192	8.3
03:00P - 03:59P	218	9.5
04:00P - 04:59P	206	9.0
05:00P - 05:59P	224	9.7
06:00P - 06:59P	190	8.3
07:00P - 07:59P	148	6.4
08:00P - 08:59P	99	4.3
09:00P - 09:59P	87	3.8
10:00P - 10:59P	76	3.3
11:00P - MIDNIGHT	57	2.5
UNKNOWN	4	--
TOTAL	2,305	100.0

TABLE 3.6.12

2010 MISSOURI MOTORCYCLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL MOTORCYCLE CRASHES = 94				TOTAL MOTORCYCLE CRASHES = 2,305		
	MOTORCYCLE DRIVER/VEH.	OTHER DRIVER/VEHICLE/PED.	TOTAL FATAL	MOTORCYCLE DRIVER/VEH.	OTHER DRIVER/VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	3.2	0.0	3.2	2.7	0.7	3.4
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.2	0.4	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	42.6	3.2	44.7	23.3	1.2	24.4
IMPROPER PASSING	8.5	0.0	8.5	2.7	0.5	3.2
VIOLATION OF STOP SIGN	4.3	2.1	6.4	1.2	1.0	2.2
WRONG SIDE NOT PASSING	4.3	3.2	6.4	1.6	0.4	2.0
FOLLOWING TOO CLOSE	3.2	0.0	3.2	7.0	3.8	10.5
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.3
IMPROPER BACKING	0.0	0.0	0.0	0.0	1.1	1.1
IMPROPER TURN	1.1	1.1	2.1	1.4	1.4	2.8
IMPROPER LANE USAGE / CHANGE	16.0	2.1	18.1	8.1	2.5	10.5
WRONG WAY ONE-WAY STREET	1.1	0.0	1.1	0.1	0.0	0.1
IMPROPER START FROM PARK	1.1	0.0	1.1	0.3	0.0	0.3
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	0.0	0.0
FAILED TO YIELD	3.2	16.0	19.1	3.4	13.2	16.4
DRINKING	12.8	3.2	14.9	6.0	0.7	6.7
DRUGS	3.2	1.1	4.3	0.3	0.3	0.6
PHYSICAL IMPAIRMENT	1.1	1.1	2.1	0.8	0.2	1.0
INATTENTION	14.9	7.4	21.3	13.9	8.3	21.7

¹This table identifies the percentage of motorcycle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the motorcyclist or his motorcycle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2010 Missouri motorcycle crashes, it was found that a motorcyclist was speeding in 42.6% of the crashes. In 3.2% of the crashes another driver was speeding. In 44.7% of the crashes either a motorcyclist, another driver, or both drivers were speeding.

TABLE 3.6.13

MOTORCYCLES IN 2010 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	7	0.4	34	6.9	41	1.7
KNOWN DRIVER INVOLVED	96	100.0	1,763	99.4	416	84.7	2,275	96.4
UNKNOWN DRIVER INVOLVED	0	0.0	4	0.2	41	8.4	45	1.9
TOTAL	96	100.0	1,774	100.0	491	100.0	2,361	100.0

TABLE 3.6.14

DRIVERS OF MOTORCYCLES IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	96	100.0	1,657	94.0	394	95.4	2,147	94.5
FEMALE	0	0.0	106	6.0	19	4.6	125	5.5
UNKNOWN	0	-	4	-	44	-	48	-
TOTAL	96	100.0	1,767	100.0	457	100.0	2,320	100.0

TABLE 3.6.15

DRIVERS OF MOTORCYCLES IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	44.4	-	41.0	-	41.1	-	41.2	-
14 YEARS AND UNDER	1	1.0	4	0.2	2	0.5	7	0.3
15 - 20 YEARS	4	4.2	117	6.7	23	5.5	144	6.4
21 - 25 YEARS	14	14.6	249	14.2	61	14.7	324	14.3
26 - 30 YEARS	7	7.3	173	9.8	40	9.6	220	9.7
31 - 35 YEARS	4	4.2	134	7.6	34	8.2	172	7.6
36 - 40 YEARS	7	7.3	157	8.9	37	8.9	201	8.9
41 - 45 YEARS	10	10.4	179	10.2	49	11.8	238	10.5
46 - 50 YEARS	9	9.4	222	12.6	44	10.6	275	12.1
51 - 55 YEARS	16	16.7	206	11.7	49	11.8	271	11.9
56 - 60 YEARS	9	9.4	142	8.1	34	8.2	185	8.2
61 - 65 YEARS	7	7.3	103	5.9	27	6.5	137	6.0
66 YEARS AND OVER	8	8.3	72	4.1	15	3.6	95	4.2
UNKNOWN	0	-	9	-	42	-	51	-
TOTAL	96	100.0	1,767	100.0	457	100.0	2,320	100.0

TABLE 3.6.16

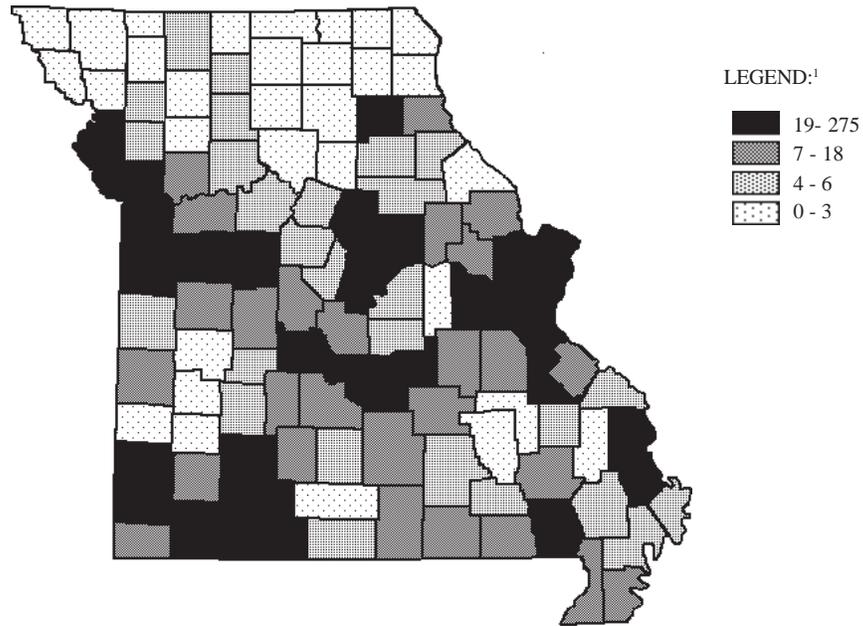
**DRIVERS OF MOTORCYCLES INVOLVED IN 2010 MISSOURI CRASHES
HELMET USAGE BY PERSONAL INJURY SEVERITY**

	KILLED	DISABLING	EVIDENT	PROBABLE	NONE	UNKNOWN	TOTAL
HELMET USED <i>ROW %</i>	73 3.8	455 23.6	827 43.0	187 9.7	383 19.9	8 -	1,933 100.0
HELMET NOT USED <i>ROW %</i>	9 6.9	40 30.8	51 39.2	6 4.6	24 18.5	1 -	131 100.0
HELMET USE UNKNOWN <i>ROW %</i>	2 1.0	24 11.6	94 45.4	29 14.0	58 28.0	49 -	256 100.0
TOTAL <i>ROW %</i>	84 3.7	519 22.9	972 43.0	222 9.8	465 20.6	58 -	2,320 100.0

TABLE 3.6.17

2010 MOTORCYCLE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	275	11.9	22.5	PETTIS	24	1.0
2.0	JACKSON	274	11.9	24.5	CHRISTIAN	23	1.0
3.0	ST LOUIS CITY	125	5.4	24.5	ST FRANCOIS	23	1.0
4.5	GREENE	115	5.0	26.0	CALLAWAY	22	1.0
4.5	ST CHARLES	115	5.0	27.0	BARRY	21	0.9
6.0	CLAY	109	4.7	28.5	BUTLER	19	0.8
7.0	JEFFERSON	74	3.2	28.5	SCOTT	19	0.8
8.0	JASPER	70	3.0	First Quartile			
9.0	BUCHANAN	48	2.1	----- Second Quartile -----			
10.0	CAPE GIRARDEAU	46	2.0	30.0	MILLER	17	0.7
11.5	BOONE	42	1.8	32.0	LACLEDE	16	0.7
11.5	PLATTE	42	1.8	32.0	LINCOLN	16	0.7
13.5	NEWTON	41	1.8	32.0	MC DONALD	16	0.7
13.5	TANEY	41	1.8	34.0	WASHINGTON	15	0.7
15.0	FRANKLIN	40	1.7	36.0	LAWRENCE	14	0.6
16.5	CASS	35	1.5	36.0	MARION	14	0.6
16.5	PHELPS	35	1.5	36.0	MORGAN	14	0.6
18.0	PULASKI	33	1.4	39.5	BENTON	13	0.6
19.0	STONE	27	1.2	39.5	HOWELL	13	0.6
20.0	CAMDEN	26	1.1	39.5	STE GENEVIEVE	13	0.6
21.0	JOHNSON	25	1.1	39.5	WARREN	13	0.6
22.5	COLE	24	1.0				

2010 MOTORCYCLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	204	15.2
2.0	ST. LOUIS	125	9.3
3.0	SPRINGFIELD	92	6.9
4.0	JOPLIN	48	3.6
5.0	INDEPENDENCE	47	3.5
6.0	ST. JOSEPH	38	2.8
7.0	ST. CHARLES	29	2.2
8.0	CAPE GIRARDEAU	28	2.1
9.0	COLUMBIA	26	1.9
10.0	LEE'S SUMMIT	20	1.5
11.0	FLORISSANT	19	1.4
12.0	BLUE SPRINGS	17	1.3
13.5	GLADSTONE	16	1.2
13.5	JEFFERSON CITY	16	1.2
15.0	ROLLA	15	1.1
16.5	BRANSON	14	1.0
16.5	SUNSET HILLS	14	1.0
19.0	MARYLAND HEIGHTS	13	1.0
19.0	O'FALLON	13	1.0
19.0	ST. ROBERT	13	1.0
22.0	LIBERTY	12	0.9
22.0	POPLAR BLUFF	12	0.9
22.0	ST. PETERS	12	0.9
24.0	SEDALIA	11	0.8
25.0	CHESTERFIELD	10	0.7
27.5	BELTON	9	0.7
27.5	CREVE COEUR	9	0.7
27.5	NEOSHO	9	0.7
27.5	WILDWOOD	9	0.7
32.5	HANNIBAL	8	0.6
32.5	HAZELWOOD	8	0.6
32.5	LEBANON	8	0.6
32.5	RAYTOWN	8	0.6
32.5	WARENSBURG	8	0.6
32.5	WEBSTER GROVES	8	0.6
38.0	FENTON	7	0.5
38.0	GRANDVIEW	7	0.5
38.0	NEVADA	7	0.5
38.0	WAYNESVILLE	7	0.5
38.0	WEST PLAINS	7	0.5

¹Percentage is based on motorcycle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.6.19

**MISSOURI FATAL AND PERSONAL INJURY MOTORCYCLE INVOLVED CRASHES
ANNUAL TIME SERIES**

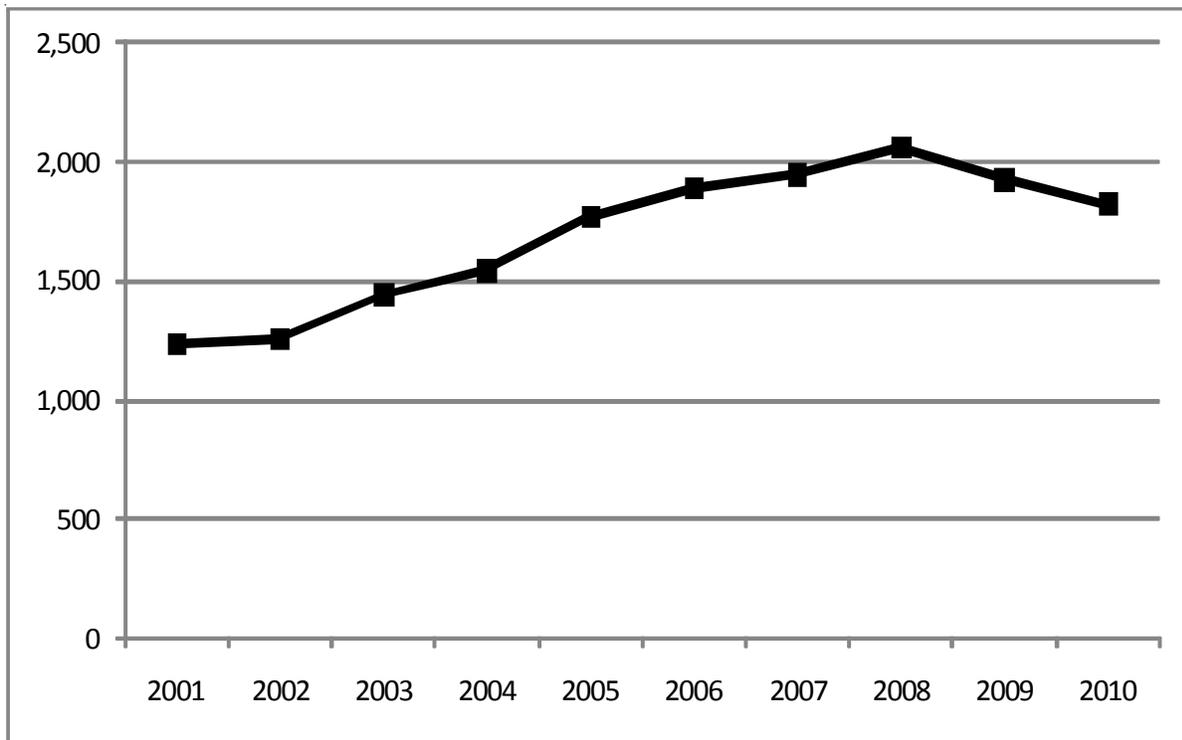


FIGURE 3.6.1

3.7 SCHOOL BUS INVOLVEMENT

This section presents a series of data displays which identify school bus involvement in Missouri's traffic crash experience. School bus involved traffic crashes are defined as any crash in which one or more school buses were directly involved in the incident or where a school bus signal was associated with the traffic crash. Data displays are presented which identify characteristics of school bus drivers in these traffic crashes.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 0.7% involved a school bus. Of all fatal traffic crashes, 0.5% involved a school bus. Five people were killed and 465 were injured in school bus crashes.
- There was a decrease of 5.9% in the rate of change when comparing 2010 school bus traffic crashes with those in 2009.
- In 2010, one person was killed or injured in a school bus crash every 18.6 hours in the State of Missouri.
- In 85.9% of the school bus traffic crashes, one or more school buses were directly involved in the incident. In 14.1% of the cases, a school bus signal was associated with the crash.
- Of all 2010 school bus crashes, the first harmful event in 77.1% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 14.0% of the cases one motor vehicle in transport struck a parked vehicle.
- Of all 2010 school bus traffic crashes, 69.8% occurred in urban areas of the State and 30.2% occurred in rural areas.
- Of all 2010 school bus traffic crashes, 61.3% occurred on a city street, 12.8% occurred on a county road, and 10.0% occurred on a state numbered road.
- Of all school bus drivers in traffic crashes, 45.5% were male and 54.5% were female. The average age of school bus drivers was 49.2 years.

2010 MISSOURI TRAFFIC CRASHES

SCHOOL BUS INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED	TOTAL NUMBER ¹ INJURED	SCHOOL BUS DRIVERS/PASSENGERS ²	
											KILLED	INJURED
SCHOOL BUS INVOLVED	4	0.5	181	0.5	787	0.8	972	0.7	5	465	1	293
NO SCHOOL BUS INVOLVED	741	99.5	35,248	99.5	101,144	99.2	137,133	99.3	782	51,311	-	-
UNKNOWN ³	33	-	2,184	-	11,031	-	13,248	-	34	3,099	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	1	293

¹This statistic indicates the total number of persons killed and injured in a crash where one or more school buses / signals were involved.

²This statistic indicates the number of school bus drivers and passengers in the school bus killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a school bus or no school bus signals were involved and the body type of one or more vehicles in the crash was not known.

TABLE 3.7.1

DIRECT SCHOOL BUS INVOLVEMENT IN 2010 MISSOURI SCHOOL BUS CRASHES

STATUS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
NONE INVOLVED ¹	0	0.0	35	19.3	102	13.0	137	14.1
1 INVOLVED	3	75.0	145	80.1	675	85.8	823	84.7
2 INVOLVED	1	25.0	1	0.6	10	1.2	12	1.2
TOTAL	4	100.0	181	100.0	787	100.0	972	100.0

¹Although a school bus was not directly involved in the traffic crash, a school bus signal was involved.

TABLE 3.7.2

2009 and 2010 SCHOOL BUS INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	2	4	+100.0
PERSONAL INJURY	185	181	-2.2
PROPERTY DAMAGE	846	787	-7.0
TOTAL	1,033	972	-5.9

TABLE 3.7.3

2010 SCHOOL BUS INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	0	0.0	4	0.5	4	0.4
BICYCLIST	0	0.0	1	0.6	0	0.0	1	0.1
FIXED OBJECT	0	0.0	12	6.6	48	6.1	60	6.2
OTHER OBJECT	0	0.0	0	0.0	6	0.8	6	0.6
PEDESTRIAN	1	25.0	7	3.9	2	0.3	10	1.0
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	3	75.0	155	85.6	591	75.1	749	77.1
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	0	0.0	0	0.0
PARKED VEHICLE	0	0.0	4	2.2	132	16.8	136	14.0
NONCOLLISION OVERTURN	0	0.0	2	1.1	2	0.3	4	0.4
NONCOLLISION OTHER	0	0.0	0	0.0	2	0.3	2	0.3
TOTAL	4	100.0	181	100.0	787	100.0	972	100.0

TABLE 3.7.4

2010 SCHOOL BUS INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	1	25.0	118	65.2	559	71.0	678	69.8
RURAL	3	75.0	63	34.8	228	29.0	294	30.2
TOTAL	4	100.0	181	100.0	787	100.0	972	100.0

TABLE 3.7.5

2010 SCHOOL BUS INVOLVED CRASHES
ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	2	50.0	165	92.7	682	88.0	849	88.7
CURVE	2	50.0	13	7.3	93	12.0	108	11.3
UNKNOWN	0	-	3	-	12	-	15	-
TOTAL	4	100.0	181	100.0	787	100.0	972	100.0

TABLE 3.7.6

2010 SCHOOL BUS INVOLVED CRASHES
ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	2	50.0	118	66.3	598	77.3	718	75.1
HILL	2	50.0	55	30.9	161	20.8	218	22.8
CREST	0	0.0	5	2.8	15	1.9	20	2.1
UNKNOWN	0	-	3	-	13	-	16	-
TOTAL	4	100.0	181	100.0	787	100.0	972	100.0

TABLE 3.7.7

2010 SCHOOL BUS INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	2	50.0	140	80.0	609	78.7	751	78.8
WET	1	25.0	29	16.6	109	14.1	139	14.6
SNOW	0	0.0	4	2.3	34	4.4	38	4.0
ICE	1	25.0	2	1.1	15	1.9	18	1.9
SLUSH	0	0.0	0	0.0	6	0.8	6	0.6
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	1	0.1	1	0.1
UNKNOWN	0	-	6	-	13	-	19	-
TOTAL	4	100.0	181	100.0	787	100.0	972	100.0

TABLE 3.7.8

2010 SCHOOL BUS INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	1	25.0	7	3.9	20	2.5	28	2.9
U.S. HIGHWAY	0	0.0	10	5.5	30	3.8	40	4.1
STATE NUMBERED	1	25.0	26	14.4	70	8.9	97	10.0
SINGLE STATE LETTERED	0	0.0	5	2.8	27	3.4	32	3.3
DOUBLE STATE LETTERED	1	25.0	7	3.9	17	2.2	25	2.6
OUTER ROAD	0	0.0	0	0.0	4	0.5	4	0.4
COUNTY ROAD	0	0.0	21	11.6	103	13.1	124	12.8
CITY STREET	1	25.0	101	55.8	494	62.8	596	61.3
INTERSTATE LOOP	0	0.0	1	0.6	1	0.1	2	0.2
OTHER ¹	0	0.0	3	1.7	21	2.7	24	2.5
TOTAL	4	100.0	181	100.0	787	100.0	972	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.7.9

2010 SCHOOL BUS INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	4	3.4	13	2.3	17	2.5	1	33.3	3	4.8	7	3.1	11	3.7
U.S. HIGHWAY	0	0.0	4	3.4	18	3.2	22	3.2	0	0.0	6	9.5	12	5.3	18	6.1
STATE NUMBERED	0	0.0	7	5.9	36	6.4	43	6.3	1	33.3	19	30.2	34	14.9	54	18.4
SINGLE STATE LETTERED	0	0.0	3	2.5	4	0.7	7	1.0	0	0.0	2	3.2	23	10.1	25	8.5
DOUBLE STATE LETTERED	0	0.0	2	1.7	7	1.3	9	1.3	1	33.3	5	7.9	10	4.4	16	5.4
OUTER ROAD	0	0.0	0	0.0	3	0.5	3	0.4	0	0.0	0	0.0	1	0.4	1	0.3
COUNTY ROAD	0	0.0	1	0.9	12	2.2	13	1.9	0	0.0	20	31.8	91	39.9	111	37.8
CITY STREET	1	100.0	96	81.4	454	81.2	551	81.3	0	0.0	5	7.9	40	17.5	45	15.3
INTERSTATE LOOP	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.6	1	0.4	2	0.7
OTHER ¹	0	0.0	1	0.9	12	2.2	13	1.9	0	0.0	2	3.2	9	4.0	11	3.7
TOTAL	1	100.0	118	100.0	559	100.0	678	100.0	3	100.0	63	100.0	228	100.0	294	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.7.10

2010 MISSOURI SCHOOL BUS INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	103	10.6
FEBRUARY	102	10.5
MARCH	102	10.5
APRIL	94	9.7
MAY	104	10.7
JUNE	42	4.3
JULY	16	1.7
AUGUST	63	6.5
SEPTEMBER	98	10.1
OCTOBER	80	8.2
NOVEMBER	90	9.3
DECEMBER	78	8.0
TOTAL	972	100.0

TABLE 3.7.11

2010 MISSOURI SCHOOL BUS INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	13	1.3
MONDAY	188	19.3
TUESDAY	209	21.5
WEDNESDAY	194	20.0
THURSDAY	192	19.8
FRIDAY	157	16.2
SATURDAY	19	2.0
TOTAL	972	100.0

TABLE 3.7.12

2010 MISSOURI SCHOOL BUS INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	7	0.7
01:00A - 01:59A	4	0.4
02:00A - 02:59A	1	0.1
03:00A - 03:59A	1	0.1
04:00A - 04:59A	0	0.0
05:00A - 05:59A	6	0.6
06:00A - 06:59A	63	6.5
07:00A - 07:59A	153	15.8
08:00A - 08:59A	111	11.5
09:00A - 09:59A	34	3.5
10:00A - 10:59A	16	1.7
11:00A - 11:59A	26	2.7
NOON - 12:59P	34	3.5
01:00P - 01:59P	31	3.2
02:00P - 02:59P	72	7.4
03:00P - 03:59P	192	19.8
04:00P - 04:59P	149	15.4
05:00P - 05:59P	35	3.6
06:00P - 06:59P	13	1.3
07:00P - 07:59P	5	0.5
08:00P - 08:59P	8	0.8
09:00P - 09:59P	5	0.5
10:00P - 10:59P	1	0.1
11:00P - MIDNIGHT	2	0.2
UNKNOWN	3	0.2
TOTAL	972	100.0

TABLE 3.7.13

2010 MISSOURI SCHOOL BUS CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL SCHOOL BUS CRASHES = 4				TOTAL SCHOOL BUS CRASHES = 972		
	SCHOOL BUS DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	SCHOOL BUS DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.0	0.0	0.0	0.7	2.1	2.8
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.4	0.5	0.9
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	50.0	50.0	1.5	9.1	10.5
IMPROPER PASSING	0.0	0.0	0.0	1.4	2.4	3.6
VIOLATION OF STOP SIGN	0.0	0.0	0.0	0.9	3.7	4.6
WRONG SIDE NOT PASSING	0.0	25.0	25.0	0.8	1.7	2.3
FOLLOWING TOO CLOSE	25.0	0.0	25.0	2.7	12.7	15.3
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPER BACKING	0.0	0.0	0.0	3.2	1.4	4.6
IMPROPER TURN	0.0	0.0	0.0	5.7	2.3	7.6
IMPROPER LANE USAGE / CHANGE	0.0	25.0	25.0	4.1	6.4	9.9
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER START FROM PARK	0.0	0.0	0.0	0.2	0.0	0.2
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	1.0	1.0
FAILED TO YIELD	25.0	0.0	25.0	3.5	7.6	11.1
DRINKING	0.0	0.0	0.0	0.0	0.7	0.7
DRUGS	0.0	0.0	0.0	0.0	0.2	0.2
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.2	0.7	0.9
INATTENTION	25.0	0.0	25.0	16.2	19.2	33.7

¹This table identifies the percentage of school bus crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the school bus driver or the school bus as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2010 Missouri school bus crashes, it was found that a school bus driver was speeding in 1.5% of the crashes. In 9.1% of the crashes another driver was speeding. In 10.5% of the crashes either a school bus driver, another driver, or both drivers were speeding.

TABLE 3.7.14

SCHOOL BUSES IN 2010 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	2	1.4	19	2.7	21	2.5
KNOWN DRIVER INVOLVED	5	100.0	144	98.0	647	93.1	796	94.0
UNKNOWN DRIVER INVOLVED	0	0.0	1	0.7	29	4.2	30	3.5
TOTAL	5	100.0	147	100.0	695	100.0	847	100.0

TABLE 3.7.15

DRIVERS OF SCHOOL BUSES IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	1	20.0	63	43.8	298	46.1	362	45.5
FEMALE	4	80.0	81	56.2	349	53.9	434	54.5
UNKNOWN	0	-	1	-	29	-	30	-
TOTAL	5	100.0	145	100.0	676	100.0	826	100.0

TABLE 3.7.16

DRIVERS OF SCHOOL BUSES IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	47.0	-	49.3	-	49.2	-	49.2	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	0	0.0	3	0.5	3	0.4
21 - 25 YEARS	1	20.0	3	2.1	26	4.0	30	3.8
26 - 30 YEARS	0	0.0	7	4.9	33	5.1	40	5.1
31 - 35 YEARS	0	0.0	10	7.0	54	8.4	64	8.1
36 - 40 YEARS	2	40.0	16	11.2	70	10.9	88	11.1
41 - 45 YEARS	0	0.0	19	13.3	65	10.1	84	10.6
46 - 50 YEARS	0	0.0	27	18.9	87	13.5	114	14.4
51 - 55 YEARS	0	0.0	19	13.3	84	13.0	103	13.0
56 - 60 YEARS	1	20.0	11	7.7	73	11.3	85	10.7
61 - 65 YEARS	0	0.0	12	8.4	74	11.5	86	10.9
66 YEARS AND OVER	1	20.0	19	13.3	75	11.7	95	12.0
UNKNOWN	0	-	2	-	32	-	34	-
TOTAL	5	100.0	145	100.0	676	100.0	826	100.0

TABLE 3.7.17

DRIVERS OF SCHOOL BUSES IN 2010 MISSOURI CRASHES

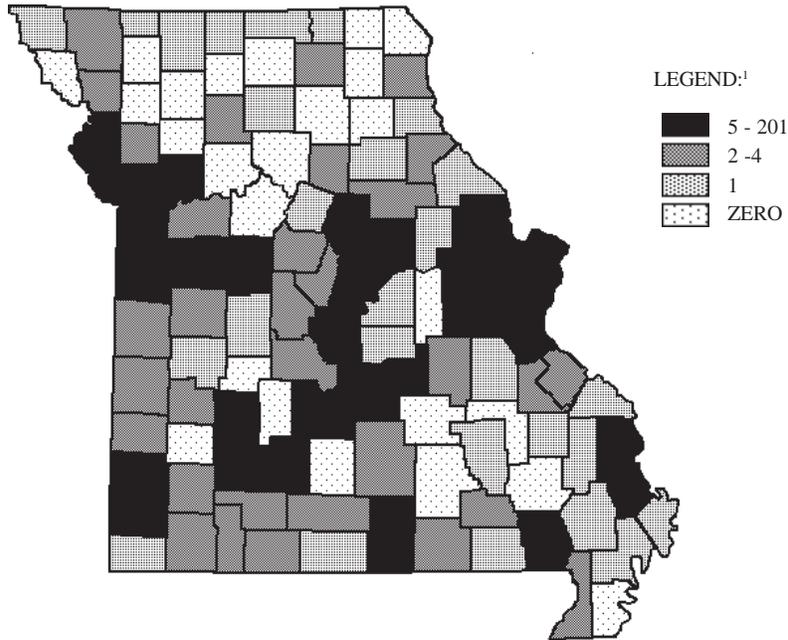
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	1	0.7	1	0.2	2	0.3
OPERATOR'S LICENSE	0	0.0	15	10.4	97	15.1	112	14.1
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	5	100.0	124	86.1	524	81.4	653	82.4
SUBTOTAL	5	100.0	140	97.2	622	96.7	767	96.8
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	2	1.4	3	0.5	5	0.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	2	1.4	19	3.0	21	2.6
SUBTOTAL	0	0.0	4	2.8	22	3.5	26	3.2
UNLICENSED	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	1	-	32	-	33	-
TOTAL	5	100.0	145	100.0	676	100.0	793	100.0

TABLE 3.7.18

2010 SCHOOL BUS INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹ LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	201	20.7	23.5	PETTIS	6	0.6
2.0	ST LOUIS CITY	198	20.4	23.5	WEBSTER	6	0.6
3.0	JACKSON	141	14.5	28.5	HOWELL	5	0.5
4.0	ST CHARLES	53	5.5	28.5	LACLEDE	5	0.5
5.0	GREENE	39	4.0	28.5	NEWTON	5	0.5
6.0	JEFFERSON	24	2.5	28.5	POLK	5	0.5
7.0	CLAY	18	1.9	28.5	SCOTT	5	0.5
8.0	JASPER	13	1.3	28.5	WARREN	5	0.5
10.0	CAPE GIRARDEAU	12	1.2				
10.0	COLE	12	1.2				First Quartile
10.0	PLATTE	12	1.2				Second Quartile
12.5	BOONE	11	1.1	33.0	ADAIR	4	0.4
12.5	BUCHANAN	11	1.1	33.0	BARRY	4	0.4
14.0	CASS	10	1.0	33.0	BATES	4	0.4
15.0	PULASKI	9	0.9	40.5	ANDREW	3	0.3
17.0	BUTLER	8	0.8	40.5	CAMDEN	3	0.3
17.0	FRANKLIN	8	0.8	40.5	CHRISTIAN	3	0.3
17.0	PHELPS	8	0.8	40.5	DUNKLIN	3	0.3
20.0	LINCOLN	7	0.7	40.5	HENRY	3	0.3
20.0	MILLER	7	0.7	40.5	LAFAYETTE	3	0.3
20.0	RAY	7	0.7	40.5	LAWRENCE	3	0.3
23.5	CALLAWAY	6	0.6	40.5	OREGON	3	0.3
23.5	JOHNSON	6	0.6	40.5	RANDOLPH	3	0.3

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.5	ST FRANCOIS	3	0.3	77.0	PERRY	1	0.1
40.5	STONE	3	0.3	77.0	PIKE	1	0.1
40.5	TANEY	3	0.3	77.0	PUTNAM	1	0.1
55.0	AUDRAIN	2	0.2	77.0	REYNOLDS	1	0.1
55.0	BARTON	2	0.2	77.0	RIPLEY	1	0.1
55.0	CARTER	2	0.2	77.0	ST CLAIR	1	0.1
55.0	CEDAR	2	0.2	77.0	SCHUYLER	1	0.1
55.0	CLINTON	2	0.2	77.0	STODDARD	1	0.1
55.0	COOPER	2	0.2	77.0	WASHINGTON	1	0.1
55.0	CRAWFORD	2	0.2	77.0	WORTH	1	0.1
55.0	DOUGLAS	2	0.2				
55.0	LEWIS	2	0.2				Third Quartile
55.0	LIVINGSTON	2	0.2				
55.0	MONITEAU	2	0.2				Fourth Quartile
55.0	MORGAN	2	0.2	103.0	CALDWELL	0	.
55.0	NODAWAY	2	0.2	103.0	CARROLL	0	.
55.0	RALLS	2	0.2	103.0	CHARITON	0	.
55.0	STE GENEVIEVE	2	0.2	103.0	CLARK	0	.
55.0	TEXAS	2	0.2	103.0	DADE	0	.
55.0	VERNON	2	0.2	103.0	DALLAS	0	.
			Second Quartile	103.0	DAVIESS	0	.
				103.0	DE KALB	0	.
			Third Quartile	103.0	DENT	0	.
77.0	ATCHISON	1	0.1	103.0	GASCONADE	0	.
77.0	BENTON	1	0.1	103.0	GENTRY	0	.
77.0	BOLLINGER	1	0.1	103.0	GRUNDY	0	.
77.0	HARRISON	1	0.1	103.0	HICKORY	0	.
77.0	HOWARD	1	0.1	103.0	HOLT	0	.
77.0	LINN	1	0.1	103.0	IRON	0	.
77.0	MC DONALD	1	0.1	103.0	KNOX	0	.
77.0	MADISON	1	0.1	103.0	MACON	0	.
77.0	MARIES	1	0.1	103.0	PEMISCOT	0	.
77.0	MARION	1	0.1	103.0	SALINE	0	.
77.0	MERCER	1	0.1	103.0	SCOTLAND	0	.
77.0	MISSISSIPPI	1	0.1	103.0	SHANNON	0	.
77.0	MONROE	1	0.1	103.0	SHELBY	0	.
77.0	MONTGOMERY	1	0.1	103.0	SULLIVAN	0	.
77.0	NEW MADRID	1	0.1	103.0	WAYNE	0	.
77.0	OSAGE	1	0.1	103.0	WRIGHT	0	.
77.0	OZARK	1	0.1				

TABLE 3.7.19

2010 SCHOOL BUS INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT¹
1.0	ST. LOUIS	198	26.9
2.0	KANSAS CITY	92	12.5
3.0	SPRINGFIELD	34	4.6
4.0	INDEPENDENCE	25	3.4
5.0	LEE'S SUMMIT	18	2.4
6.0	FLORISSANT	17	2.3
7.0	ST.PETERS	12	1.6
8.5	JEFFERSON CITY	11	1.5
8.5	WILDWOOD	11	1.5
11.0	HAZELWOOD	10	1.4
11.0	KIRKWOOD	10	1.4
11.0	ST. CHARLES	10	1.4
13.5	O'FALLON	9	1.2
13.5	ST. JOSEPH	9	1.2
15.5	CAPE GIRARDEAU	8	1.1
15.5	MARYLAND HEIGHTS	8	1.1
17.5	COLUMBIA	7	0.9
17.5	JOPLIN	7	0.9
20.0	CREVE COEUR	6	0.8
20.0	GLADSTONE	6	0.8
20.0	POPLAR BLUFF	6	0.8
24.5	BOLIVAR	5	0.7
24.5	BRENTWOOD	5	0.7
24.5	FERGUSON	5	0.7
24.5	GRANDVIEW	5	0.7
24.5	JENNINGS	5	0.7
24.5	TOWN AND COUNTRY	5	0.7
32.0	BLUE SPRINGS	4	0.5
32.0	CHESTERFIELD	4	0.5
33.0	KIRKSVILLE	4	0.5
33.0	OVERLAND	4	0.5
33.0	PLEASANTHILL	4	0.5
33.0	RAYTOWN	4	0.5
33.0	WARRENSBURG	4	0.5
33.0	WAYNESVILLE	4	0.5
33.0	WENTZVILLE	4	0.5

¹Percentage is based on school bus involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.7.20

**MISSOURI FATAL AND PERSONAL INJURY SCHOOL BUS INVOLVED CRASHES
ANNUAL TIME SERIES**

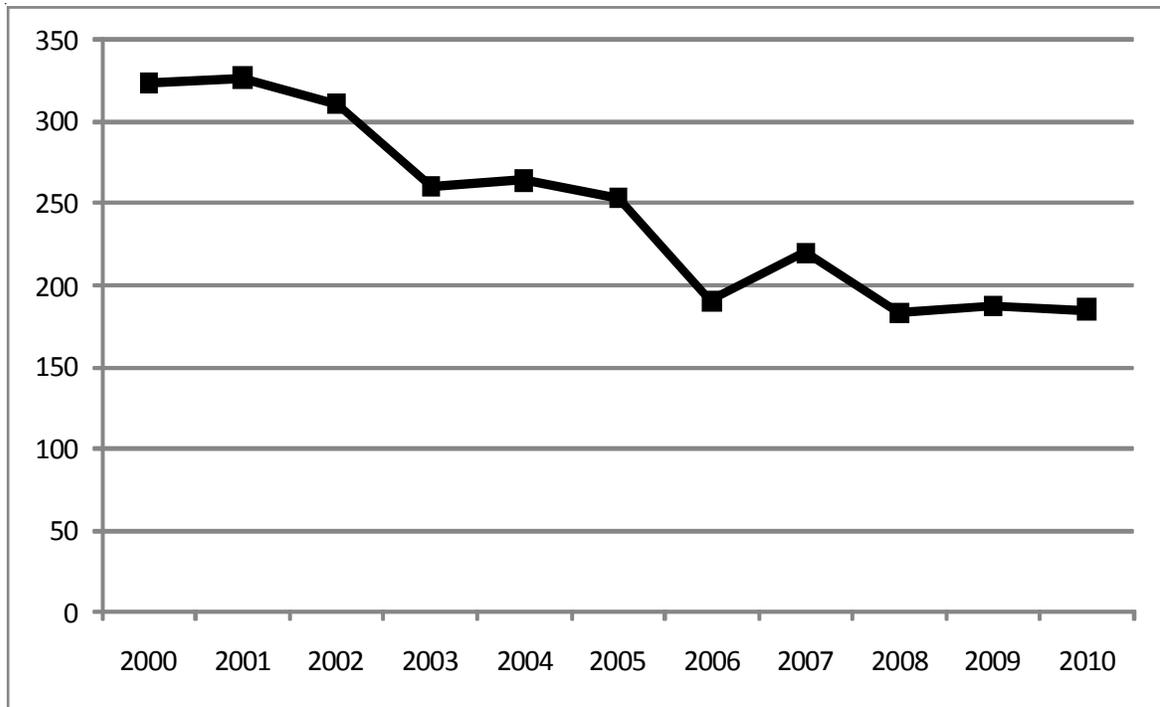


FIGURE 3.7.1

3.8 BICYCLE INVOLVEMENT

This section presents a series of data displays which identify bicycle involvement in Missouri's traffic crash experience. Bicycle involved traffic crashes are defined as any crash in which one or more bicycles were directly involved in the incident. Data displays also are provided which describe characteristics of the bicyclist as well as other drivers and vehicles in the traffic crash.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 0.5% involved a bicycle. Of all fatal traffic crashes, 0.9% involved a bicycle. Seven people were killed and 575 were injured in these traffic crashes.
- There was an decrease of 5.9% in the rate of change when comparing total 2010 bicycle-related traffic crashes with those in 2009.
- In 2010, one person was killed or injured in a bicycle traffic crash every 15.1 hours in the State of Missouri.
- Of all 2010 bicycle traffic crashes, 83.8% occurred in an urban area and 16.2% occurred in a rural area of the State.
- Of all 2010 bicycle traffic crashes, 76.1% occurred on a city street.
- Of all 2010 bicycle traffic crashes, 85.0% occurred from April through October.
- Of all bicycle drivers in traffic crashes, 81.4% were male and 18.6% were female. The average age of bicycle drivers was 27.7 years.
- Of all other types of vehicles in bicycle crashes, 58.8% were automobiles, 18.1 were sport utility vehicles and 12.8% were pickup trucks.

2010 MISSOURI TRAFFIC CRASHES

BICYCLE INVOLVEMENT

	FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL	%	TOTAL NUMBER ¹		BICYCLE DRIVERS/PASSENGERS ²	
		%		%		%			KILLED	INJURED	KILLED	INJURED
BICYCLE INVOLVED	7	0.9	551	1.5	113	0.1	671	0.5	7	575	7	559
NO BICYCLE INVOLVED	764	99.1	36,892	98.5	109,139	99.9	146,795	99.5	807	54,080	-	-
UNKNOWN ³	7	-	170	-	3,710	-	3,887	-	7	219	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	7	559

¹This statistic indicates the total number of persons killed and injured in a crash where one or more bicycles were involved.

²This statistic indicates the number of bicycle drivers and passengers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a bicycle and the body type of one or more vehicles involved in the accident was not known.

TABLE 3.8.1

2009 and 2010 BICYCLE INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	2	7	+250.0
PERSONAL INJURY	579	551	-4.8
PROPERTY DAMAGE	132	113	-14.4
TOTAL	713	671	-5.9

TABLE 3.8.2

2010 BICYCLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

		PERSONAL INJURY			PROPERTY DAMAGE		TOTAL	
			%		%		%	
URBAN	3	42.9	464	84.2	95	84.1	562	83.8
RURAL	4	57.1	87	15.8	18	15.9	109	16.2
TOTAL	7	100.0	551	100.0	113	100.0	671	100.0

TABLE 3.8.3

2010 BICYCLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

		PERSONAL INJURY			PROPERTY DAMAGE		TOTAL	
			%		%		%	
STRAIGHT	7	100.0	509	94.1	100	95.2	616	94.3
CURVE	0	0.0	32	5.9	5	4.8	37	5.7
UNKNOWN	0	-	10	-	8	-	18	-
TOTAL	7	100.0	551	100.0	113	100.0	671	100.0

TABLE 3.8.4

2010 BICYCLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	2	28.6	392	73.4	78	74.3	472	73.1
HILL	4	57.1	127	23.8	25	23.8	156	24.1
CREST	1	14.3	15	2.8	2	1.9	18	2.8
UNKNOWN	0	-	17	-	8	-	25	-
TOTAL	7	100.0	551	100.0	113	100.0	671	100.0

TABLE 3.8.5

2010 BICYCLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	6	85.7	516	94.5	104	94.5	626	94.4
WET	1	14.3	30	5.5	6	5.5	37	5.6
SNOW	0	0.0	0	0.0	0	0.0	0	0.0
ICE	0	0.0	0	0.0	0	0.0	0	0.0
SLUSH	0	0.0	0	0.0	0	0.0	0	0.0
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	5	-	3	-	8	-
TOTAL	7	100.0	551	100.0	113	100.0	671	100.0

TABLE 3.8.6

2010 BICYCLE INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	2	0.4	2	1.8	4	0.6
U.S. HIGHWAY	1	14.3	9	1.6	3	2.7	13	1.9
STATE NUMBERED	2	28.6	46	8.4	4	3.5	52	7.7
SINGLE STATE LETTERED	0	0.0	13	2.4	4	3.5	17	2.5
DOUBLE STATE LETTERED	0	0.0	7	1.3	1	0.9	8	1.2
OUTER ROAD	0	0.0	3	0.5	1	0.9	4	0.6
COUNTY ROAD	2	28.6	29	5.3	9	8.0	40	6.0
CITY STREET	2	28.6	423	76.8	86	76.1	511	76.1
INTERSTATE LOOP	0	0.0	0	0.0	1	0.9	1	0.1
OTHER ¹	0	0.0	19	3.4	2	1.8	21	3.1
TOTAL	7	100.0	551	100.0	113	100.0	671	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.8.7

2010 MISSOURI BICYCLE INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	11	1.6
FEBRUARY	12	1.8
MARCH	33	4.9
APRIL	77	11.5
MAY	67	10.0
JUNE	92	13.7
JULY	71	10.6
AUGUST	83	12.4
SEPTEMBER	100	14.9
OCTOBER	80	11.9
NOVEMBER	29	4.3
DECEMBER	16	2.4
TOTAL	671	100.0

TABLE 3.8.8

2010 MISSOURI BICYCLE INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	55	8.2
MONDAY	90	13.4
TUESDAY	113	16.9
WEDNESDAY	105	15.7
THURSDAY	115	17.2
FRIDAY	111	16.6
SATURDAY	80	12.0
UNKNOWN	2	--
TOTAL	671	100.0

TABLE 3.8.9

2010 MISSOURI BICYCLE INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	6	.9
01:00A - 01:59A	2	0.3
02:00A - 02:59A	2	0.3
03:00A - 03:59A	1	0.1
04:00A - 04:59A	2	0.3
05:00A - 05:59A	3	0.4
06:00A - 06:59A	8	1.2
07:00A - 07:59A	29	4.3
08:00A - 08:59A	26	3.9
09:00A - 09:59A	26	3.9
10:00A - 10:59A	24	3.6
11:00A - 11:59A	27	4.0
NOON - 12:59P	45	6.7
01:00P - 01:59P	36	5.4
02:00P - 02:59P	38	5.7
03:00P - 03:59P	71	10.6
04:00P - 04:59P	67	10.0
05:00P - 05:59P	82	12.3
06:00P - 06:59P	65	9.7
07:00P - 07:59P	44	6.6
08:00P - 08:59P	34	5.1
09:00P - 09:59P	15	2.2
10:00P - 10:59P	7	1.0
11:00P - MIDNIGHT	7	1.0
UNKNOWN	4	--
TOTAL	671	100.0

TABLE 3.8.10

2010 MISSOURI BICYCLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

	FATAL BICYCLE CRASHES = 7			TOTAL BICYCLE CRASHES = 671		
	BICYCLE DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	BICYCLE DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.0	0.0	0.0	4.6	0.3	4.9
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.1	0.1	0.3
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	0.0	0.0	1.5	1.9	3.4
IMPROPER PASSING	0.0	0.0	0.0	0.9	1.3	2.2
VIOLATION OF STOP SIGN	0.0	0.0	0.0	10.1	2.5	12.7
WRONG SIDE NOT PASSING	0.0	0.0	0.0	3.0	0.1	3.1
FOLLOWING TOO CLOSE	0.0	14.3	14.3	0.6	1.2	1.8
IMPROPER SIGNAL	0.0	0.0	0.0	0.3	0.1	0.4
IMPROPER BACKING	0.0	0.0	0.0	0.0	0.6	0.6
IMPROPER TURN	0.0	0.0	0.0	0.7	1.8	2.5
IMPROPER LANE USAGE / CHANGE	14.3	0.0	14.3	7.6	2.2	9.8
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.9	0.3	1.2
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	0.0	0.0
FAILED TO YIELD	28.6	0.0	28.6	26.5	20.3	45.2
DRINKING	0.0	0.0	0.0	1.8	0.7	2.5
DRUGS	0.0	0.0	0.0	0.3	0.1	0.4
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.1	0.1	0.3
INATTENTION	0.0	42.9	42.9	18.6	20.1	33.7

¹This table identifies the percentage of bicycle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the bicyclist or his bicycle as well as those attributed to other persons and vehicles in the crash. For instance, when examining driver failure to yield in 2010 Missouri bicycle crashes, it was found that a bicyclist failed to yield in 26.5% of the crashes. In 20.3% of the crashes another driver failed to yield. In 45.2% of the crashes either a bicyclist, another driver, or both drivers failed to yield.

TABLE 3.8.11

BICYCLES IN 2010 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
KNOWN DRIVER INVOLVED	7	100.0	555	100.0	105	92.1	667	98.7
UNKNOWN DRIVER INVOLVED	0	0.0	0	0.0	9	7.9	9	1.3
TOTAL	7	100.0	555	100.0	114	100.0	676	100.0

TABLE 3.8.12

BICYCLE DRIVERS IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	7	100.0	449	80.9	87	82.9	543	81.4
FEMALE	0	0.0	106	19.1	18	17.1	124	18.6
UNKNOWN	0	-	0	-	9	-	9	-
TOTAL	7	100.0	555	100.0	114	100.0	676	100.0

TABLE 3.8.13

BICYCLE DRIVERS IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	38.0	-	27.9	-	25.3	-	27.7	-
5 YEARS AND UNDER	0	0.0	8	1.5	2	2.1	10	1.5
6 - 10 YEARS	1	14.3	58	10.7	13	13.4	72	11.1
11 - 15 YEARS	0	0.0	130	23.9	20	20.6	150	23.2
16 - 20 YEARS	1	14.3	66	12.1	19	19.6	86	13.2
21 - 25 YEARS	0	0.0	54	9.9	9	9.3	63	9.7
26 - 30 YEARS	1	14.3	25	4.6	7	7.2	33	5.1
31 - 35 YEARS	0	0.0	24	4.4	4	4.1	28	4.3
36 - 40 YEARS	0	0.0	31	5.7	2	2.1	33	5.1
41 - 45 YEARS	0	0.0	26	4.8	5	5.2	31	4.8
46 - 50 YEARS	2	28.6	37	6.8	8	8.2	47	7.3
51 - 55 YEARS	1	14.3	40	7.4	3	3.1	44	6.8
56 - 60 YEARS	0	0.0	20	3.7	0	0	20	3.1
61 - 65 YEARS	1	14.3	10	1.8	2	2.1	13	2.0
66 YEARS AND OVER	0	0.0	15	2.8	3	3.1	18	2.8
UNKNOWN	0	-	11	-	17	-	28	-
TOTAL	7	100.0	555	100.0	114	100.0	676	100.0

TABLE 3.8.14

2010 BICYCLE INVOLVED CRASHES¹

OTHER TYPES OF VEHICLES INVOLVED BY CRASH SEVERITY

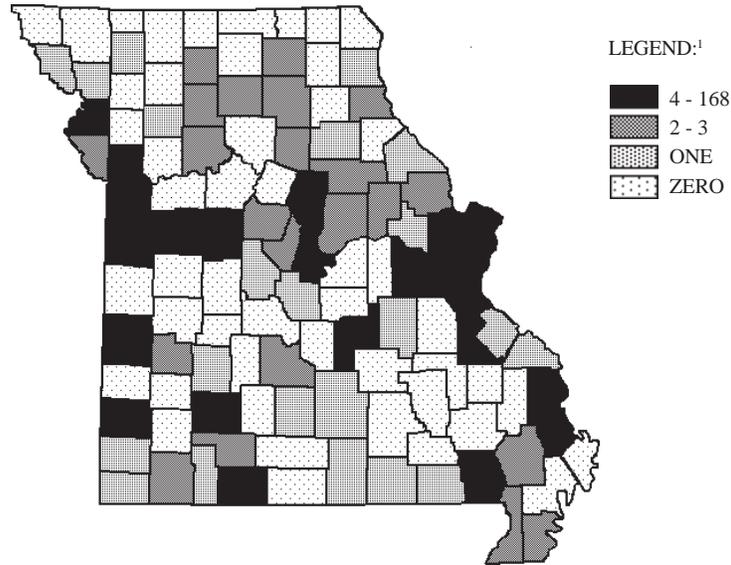
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	2	28.6	313	56.8	81	70.4	396	58.8
SPORT UTILITY VEHICLE	2	28.6	107	19.4	13	11.3	122	18.1
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	0	0.0	37	6.7	7	6.1	44	6.5
BUS	0	0.0	4	0.7	3	2.6	7	1.0
SCHOOL BUS	0	0.0	1	0.2	0	0.0	1	0.1
MOTORCYCLE	0	0.0	5	0.9	0	0.0	5	0.7
MOPED	0	0.0	0	0.0	0	0.0	0	0.0
MOTOR HOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	1	0.2	0	0.0	1	0.2
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	0	0.0	0	0.0	1	0.9	1	0.2
PICKUP TRUCK	2	28.6	75	13.6	9	7.8	86	12.8
OTHER TRUCKS	1	14.3	8	1.5	1	0.9	10	1.5
ALL TERRAIN VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	6	-	0	-	6	-
TOTAL	7	100.0	557	100.0	115	100.0	679	100.0

¹This table includes all vehicle types (excluding bicycles) involved in bicycle crashes.

TABLE 3.8.15

2010 BICYCLE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	133	19.8	19.0	SALINE	5	0.7
2.0	ST LOUIS CITY	124	18.5	22.0	BUTLER	4	0.6
3.0	JACKSON	94	14.0	22.0	SCOTT	4	0.6
4.0	GREENE	52	7.7	22.0	VERNON	4	0.6
5.0	ST CHARLES	37	5.5	First Quartile			
6.0	BOONE	34	5.1	Second Quartile			
7.0	CAPE GIRARDEAU	14	2.1	27.0	BARRY	3	0.4
8.0	JASPER	13	1.9	27.0	CALLAWAY	3	0.4
9.0	CLAY	12	1.8	27.0	CEDAR	3	0.4
10.0	BUCHANAN	10	1.5	27.0	CHRISTIAN	3	0.4
11.0	COLE	9	1.3	27.0	GRUNDY	3	0.4
13.0	FRANKLIN	7	1.0	27.0	MACON	3	0.4
13.0	ST FRANCOIS	7	1.0	27.0	MARION	3	0.4
13.0	TANEY	7	1.0	38.0	ADAIR	2	0.3
16.0	CASS	6	0.9	38.0	AUDRAIN	2	0.3
16.0	JOHNSON	6	0.9	38.0	CARROLL	2	0.3
16.0	PETTIS	6	0.9	38.0	COOPER	2	0.3
19.0	JEFFERSON	5	0.7	38.0	DUNKLIN	2	0.3
19.0	PHELPS	5	0.7				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
38.0	LACLEDE	2	0.3	91.5	BENTON	0	0.0
38.0	LINCOLN	2	0.3	91.5	BOLLINGER	0	0.0
38.0	LINN	2	0.3	91.5	CAMDEN	0	0.0
38.0	LIVINGSTON	2	0.3	91.5	CARTER	0	0.0
38.0	MONITEAU	2	0.3	91.5	CHARITON	0	0.0
38.0	MONTGOMERY	2	0.3	91.5	CLARK	0	0.0
38.0	PEMISCOT	2	0.3	91.5	CLINTON	0	0.0
38.0	PLATTE	2	0.3	91.5	DADE	0	0.0
38.0	RANDOLPH	2	0.3	91.5	DALLAS	0	0.0
38.0	STODDARD	2	0.3	91.5	DAVIESS	0	0.0
Second Quartile				91.5	DE KALB	0	0.0
Third Quartile				91.5	DENT	0	0.0
56.5	ANDREW	1	0.1	91.5	DOUGLAS	0	0.0
56.5	CALDWELL	1	0.1	91.5	GASCONADE	0	0.0
56.5	CRAWFORD	1	0.1	91.5	HARRISON	0	0.0
56.5	GENTRY	1	0.1	91.5	HENRY	0	0.0
56.5	HOLT	1	0.1	91.5	HICKORY	0	0.0
56.5	HOWELL	1	0.1	91.5	HOWARD	0	0.0
56.5	LEWIS	1	0.1	91.5	IRON	0	0.0
56.5	MC DONALD	1	0.1	91.5	KNOX	0	0.0
56.5	MILLER	1	0.1	91.5	LAFAYETTE	0	0.0
56.5	MONROE	1	0.1	91.5	LAWRENCE	0	0.0
56.5	MORGAN	1	0.1	91.5	MADISON	0	0.0
56.5	NEWTON	1	0.1	91.5	MARIES	0	0.0
56.5	OREGON	1	0.1	91.5	MERCER	0	0.0
56.5	PERRY	1	0.1	91.5	MISSISSIPPI	0	0.0
56.5	PIKE	1	0.1	91.5	NEW MADRID	0	0.0
56.5	POLK	1	0.1	91.5	NODAWAY	0	0.0
56.5	RIPLEY	1	0.1	91.5	OSAGE	0	0.0
56.5	STE GENEVIEVE	1	0.1	91.5	OZARK	0	0.0
56.5	STONE	1	0.1	91.5	PULASKI	0	0.0
56.5	TEXAS	1	0.1	91.5	PUTNAM	0	0.0
56.5	WARREN	1	0.1	91.5	RALLS	0	0.0
56.5	WRIGHT	1	0.1	91.5	RAY	0	0.0
Third Quartile				91.5	REYNOLDS	0	0.0
Fourth Quartile				91.5	ST CLAIR	0	0.0
91.5	ATCHISON	0	0.0	91.5	SCHUYLER	0	0.0
91.5	BARTON	0	0.0	91.5	SCOTLAND	0	0.0
91.5	BATES	0	0.0	91.5	SHANNON	0	0.0
				91.5	SHELBY	0	0.0
				91.5	SULLIVAN	0	0.0
				91.5	WASHINGTON	0	0.0
				91.5	WAYNE	0	0.0
				91.5	WEBSTER	0	0.0
				91.5	WORTH	0	0.0

TABLE 3.8.16

2010 BICYCLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	124	20.7
2.0	KANSAS CITY	69	11.5
3.0	SPRINGFIELD	47	7.8
4.0	COLUMBIA	33	5.5
5.0	FLORISSANT	16	2.7
6.5	INDEPENDENCE	14	2.3
6.5	O'FALLON	14	2.3
8.0	ST. PETERS	12	2.0
9.5	CAPE GIRARDEAU	10	1.7
9.5	ST. JOSEPH	10	1.7
11.0	JEFFERSON CITY	8	1.3
13.0	LEE'S SUMMIT	7	1.2
13.0	UNIVERSITY CITY	7	1.2
13.0	WASHINGTON	7	1.2
16.0	BLUE SPRINGS	6	1.0
16.0	FARMINGTON	6	1.0
16.0	JOPLIN	6	1.0
19.5	BRANSON	5	0.8
19.5	SEDALIA	5	0.8
19.5	WARRENSBURG	5	0.8
19.5	WILDWOOD	5	0.8
26.5	BALLWIN	4	0.7
26.5	CHESTERFIELD	4	0.7
26.5	KIRKWOOD	4	0.7
26.5	MARSHALL	4	0.7
26.5	NEVADA	4	0.7
26.5	OVERLAND	4	0.7
26.5	POPLAR BLUFF	4	0.7
26.5	ROLLA	4	0.7
26.5	WEBSTER GROVES	4	0.7
26.5	WENTZVILLE	4	0.7
37.0	BELLEFONTAINENB	3	0.5
37.0	BRENTWOOD	3	0.5
37.0	BRIDGETON	3	0.5
37.0	FERGUSON	3	0.5
37.0	HANNIBAL	3	0.5
37.0	JACKSON	3	0.5
37.0	MARYLANDHEIGHTS	3	0.5
37.0	RAYTOWN	3	0.5
37.0	REPUBLIC	3	0.5
37.0	SIKESTON	3	0.5
37.0	TRENTON	3	0.5

¹Percentage is based on bicycle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.8.17

**MISSOURI FATAL AND PERSONAL INJURY BICYCLE INVOLVED CRASHES
ANNUAL TIME SERIES**

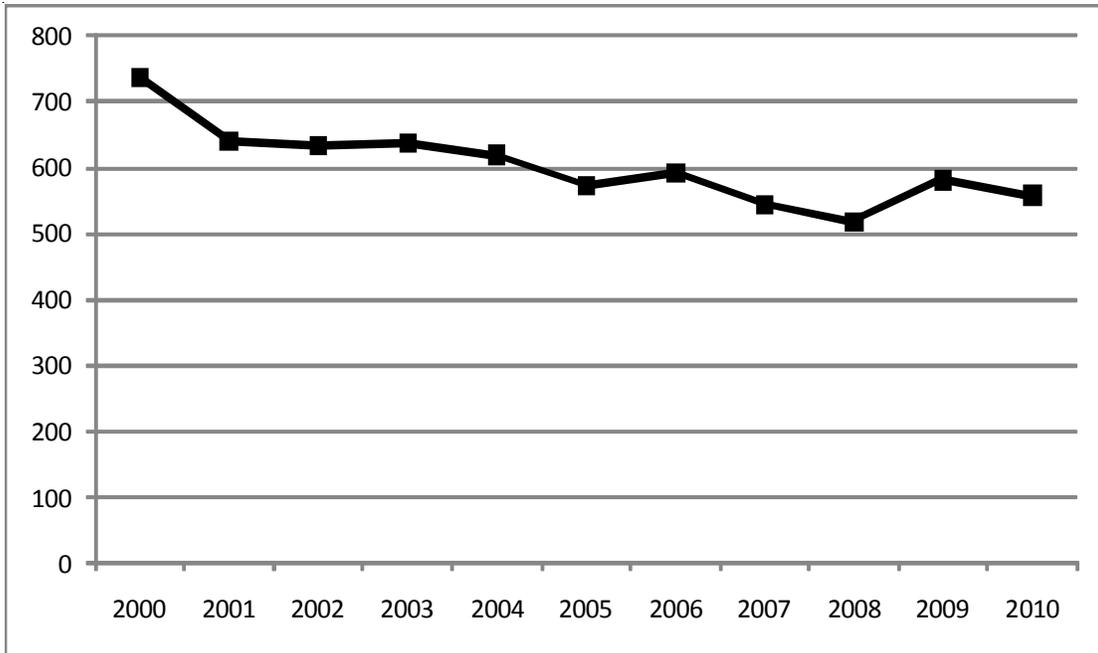


FIGURE 3.8.1

3.9 PEDESTRIAN INVOLVEMENT

This section presents a series of data displays which describe pedestrian involvement in Missouri's traffic crash experience. Pedestrian crashes are defined as any crash in which one or more pedestrians were directly involved in the incident. The pedestrian may have been involved in the first harmful event or in a secondary event associated with the traffic crash. In either case, they would be included in this analysis. Data displays also are provided which identify characteristics of the pedestrian as well as the vehicle and driver that actually struck the pedestrian.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 0.9% involved a pedestrian. Of all fatal traffic crashes, 7.6% involved a pedestrian. A total of 59 persons were killed and 1,352 were injured in traffic crashes involving a pedestrian.
- There was a decrease of 4.2% in the number of pedestrian related traffic crashes when comparing 2010 with 2009. When comparing fatal pedestrian related crashes over the same time period there was a 16.9% decrease between 2009 and 2010.
- In 2010, one person was killed or injured in pedestrian related traffic crashes every 6.2 hours in the State of Missouri.
- Of all 2010 pedestrian traffic crashes, 78.1% occurred in an urban area of the State and 21.9% occurred in a rural area. Of fatal pedestrian crashes, 52.5% occurred in a urban area.
- Of pedestrians in the traffic crashes, 59.7% were male and 40.3% were female. The average age of the pedestrian was 32.6 years. For those pedestrians killed the average age was 39.0 years.
- Of pedestrians 14 years and under in 2010 traffic crashes, 17.7% were crossing the street from behind a parked vehicle and 12.9% were playing in the road. Of pedestrians 15 through 64 years of age, 24.6% were crossing with no signal in the road and 6.2% were crossing the street from behind a parked vehicle. Of pedestrians 65 years and older, 4.7% were crossing the road within a marked crosswalk and also diagonally and 36.5% were crossing with no signal in the road.
- Of the drivers who struck pedestrians in 2010 traffic crashes, 59.4% were male and 40.6% were female. The average age of the driver was 40.5 years. Of the drivers who struck pedestrians, 56.3% were driving an automobile and 15.8% were driving a pickup truck.

2010 MISSOURI TRAFFIC CRASHES

PEDESTRIAN INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	INJURED	PEDESTRIANS² KILLED	INJURED
PEDESTRIAN INVOLVED	59	7.6	1,203	3.2	125	0.1	1,387	0.9	59	1,352	59	1,387
NO PEDESTRIAN INVOLVED	719	92.4	36,410	96.8	112,837	99.9	149,966	99.1	762	53,523	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	59	1,387

¹This statistic indicates the total number of persons killed and injured in a crash where one or more pedestrians were involved.

²This statistic indicates the number of pedestrians killed and injured.

TABLE 3.9.1

2009 and 2010 PEDESTRIAN INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	71	59	-16.9
PERSONAL INJURY	1,230	1,203	- 2.2
PROPERTY DAMAGE	147	125	-15.0
TOTAL	1,448	1,387	-4.2

TABLE 3.9.2

2010 PEDESTRIAN INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	31	52.5	941	78.2	111	88.8	1,083	78.1
RURAL	28	47.5	262	21.8	14	11.2	304	21.9
TOTAL	59	100.0	1,203	100.0	125	100.0	1,387	100.0

TABLE 3.9.3

2010 PEDESTRIAN INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	54	91.5	1,098	93.1	118	96.7	1,270	93.4
CURVE	5	8.5	81	6.9	4	3.3	90	6.6
UNKNOWN	0	-	24	-	3	-	27	-
TOTAL	59	100.0	1,203	100.0	125	100.0	1,387	100.0

TABLE 3.9.4

2010 PEDESTRIAN INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	31	53.5	908	77.5	100	83.3	1,039	77.0
HILL	26	44.8	234	20.0	19	15.8	279	20.7
CREST	1	1.7	30	2.6	1	0.8	32	2.4
UNKNOWN	1	-	31	-	5	-	37	-
TOTAL	59	100.0	1,203	100.0	125	100.0	1,387	100.0

TABLE 3.9.5

2010 PEDESTRIAN INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	47	81.0	965	80.8	104	86.0	1,116	81.3
WET	8	13.8	188	15.8	14	11.6	210	15.3
SNOW	2	3.5	28	2.4	3	2.5	33	2.4
ICE	1	1.7	10	0.8	0	0.0	11	0.8
SLUSH	0	0.0	2	0.2	0	0.0	2	0.2
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	1	0.1	0	0.0	1	0.1
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	1	-	9	-	4	-	14	-
TOTAL	59	100.0	1,203	100.0	125	100.0	1,387	100.0

TABLE 3.9.6

2010 PEDESTRIAN INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	13	22.0	31	2.6	1	0.8	45	3.2
U.S. HIGHWAY	5	8.5	48	4.0	3	2.4	56	4.0
STATE NUMBERED	7	11.9	96	8.0	4	3.2	107	7.7
SINGLE STATE LETTERED	1	1.7	29	2.4	3	2.4	33	2.4
DOUBLE STATE LETTERED	3	5.1	18	1.5	0	0.0	21	1.5
OUTER ROAD	1	1.7	9	0.8	0	0.0	10	0.7
COUNTY ROAD	3	5.1	76	6.3	4	3.2	83	6.0
CITY STREET	22	37.3	832	69.2	102	81.6	956	68.9
INTERSTATE LOOP	0	0.0	1	0.1	0	0.0	1	0.1
OTHER ¹	4	6.8	63	5.2	8	6.4	75	5.4
TOTAL	59	100.0	1,203	100.0	125	100.0	1,387	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.9.7

2010 PEDESTRIAN INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	FATAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %	PERSONAL INJURY %	PROPERTY DAMAGE %	TOTAL %			
INTERSTATE	6	19.4	14	1.5	0	0.0	20	1.9	7	25.0	17	6.5	1	7.1	25	8.2
U.S. HIGHWAY	2	6.5	31	3.3	2	1.8	35	3.2	3	10.7	17	6.5	1	7.1	21	6.9
STATE NUMBERED	0	0.0	53	5.6	4	3.6	57	5.3	7	25.0	43	16.4	0	0.0	50	16.5
SINGLE STATE LETTERED	0	0.0	7	0.7	2	1.8	9	0.8	1	3.6	22	8.4	1	7.1	24	7.9
DOUBLE STATE LETTERED	0	0.0	4	0.4	0	0.0	4	0.4	3	10.7	14	5.3	0	0.0	17	5.6
OUTER ROAD	1	3.2	4	0.4	0	0.0	5	0.5	0	0.0	5	1.9	0	0.0	5	1.6
COUNTY ROAD	0	0.0	4	0.4	2	1.8	6	0.6	3	10.7	72	27.5	2	14.3	77	25.3
CITY STREET	20	64.5	772	82.0	95	85.6	887	81.9	2	7.1	60	22.9	7	50.0	69	22.7
INTERSTATE LOOP	0	0.0	1	0.1	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
OTHER ¹	2	6.5	51	5.4	6	5.4	59	5.5	2	7.1	12	4.6	2	14.3	16	5.3
TOTAL	31	100.0	941	100.0	111	100.0	1,083	100.0	28	100.0	262	100.0	14	100.0	304	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.9.8

2010 MISSOURI PEDESTRIAN INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	112	8.1
FEBRUARY	95	6.9
MARCH	108	7.8
APRIL	129	9.3
MAY	120	8.7
JUNE	114	8.2
JULY	106	7.6
AUGUST	109	7.9
SEPTEMBER	138	10.0
OCTOBER	153	11.0
NOVEMBER	105	7.6
DECEMBER	98	7.1
TOTAL	1,387	100.0

TABLE 3.9.9

2010 MISSOURI PEDESTRIAN INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	137	9.9
MONDAY	182	13.1
TUESDAY	191	13.8
WEDNESDAY	223	16.1
THURSDAY	187	13.5
FRIDAY	257	18.5
SATURDAY	210	15.1
TOTAL	1,387	100.0

TABLE 3.9.10

2010 MISSOURI PEDESTRIAN INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	27	2.0
01:00A - 01:59A	38	2.8
02:00A - 02:59A	27	2.0
03:00A - 03:59A	14	1.0
04:00A - 04:59A	6	0.4
05:00A - 05:59A	17	1.2
06:00A - 06:59A	26	1.9
07:00A - 07:59A	50	3.6
08:00A - 08:59A	59	4.3
09:00A - 09:59A	29	2.1
10:00A - 10:59A	33	2.4
11:00A - 11:59A	56	4.1
NOON - 12:59P	67	4.9
01:00P - 01:59P	63	4.6
02:00P - 02:59P	80	5.8
03:00P - 03:59P	132	9.6
04:00P - 04:59P	104	7.5
05:00P - 05:59P	108	7.8
06:00P - 06:59P	94	6.8
07:00P - 07:59P	85	6.2
08:00P - 08:59P	76	5.5
09:00P - 09:59P	88	6.4
10:00P - 10:59P	69	5.0
11:00P - MIDNIGHT	34	2.5
UNKNOWN	5	--
TOTAL	1,387	100.0

TABLE 3.9.11

2010 MISSOURI PEDESTRIAN CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL PEDESTRIAN CRASHES = 59				TOTAL PEDESTRIAN CRASHES = 1,387		
	PEDESTRIAN	OTHER DRIVER/ VEHICLE	TOTAL FATAL	PEDESTRIAN	OTHER DRIVER/ VEHICLE	TOTAL CRASHES
VEHICLE DEFECTS	0.0	3.4	3.4	0.0	1.9	1.9
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	1.7	1.7	0.0	0.9	0.9
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	10.2	10.2	0.0	6.8	6.8
IMPROPER PASSING	0.0	0.0	0.0	0.0	0.4	0.4
VIOLATION OF STOP SIGN	0.0	1.7	1.7	0.0	1.4	1.4
WRONG SIDE NOT PASSING	0.0	0.0	0.0	0.0	0.7	0.7
FOLLOWING TOO CLOSE	0.0	0.0	0.0	0.0	0.6	0.6
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.0	0.0	0.0	0.0	1.4	1.4
IMPROPER TURN	0.0	0.0	0.0	0.0	1.1	1.1
IMPROPER LANE USAGE / CHANGE	0.0	3.4	3.4	0.0	3.8	3.8
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.4	0.4
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.8	0.8
IMPROPERLY PARKED	0.0	1.7	1.7	0.0	0.7	0.7
FAILED TO YIELD	18.6	6.8	25.4	19.8	13.8	32.9
DRINKING	18.6	6.8	25.4	7.3	2.7	9.7
DRUGS	5.1	3.4	8.5	0.6	0.7	1.4
PHYSICAL IMPAIRMENT	1.7	1.7	3.4	0.6	1.2	1.9
INATTENTION	39.0	23.7	49.2	28.3	24.9	45.8

¹This table identifies the percentage of pedestrian crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the pedestrian as well as those attributed to other drivers and vehicles in the crash. For instance, when examining drinking involvement in 2010 Missouri fatal pedestrian crashes, it was found that a pedestrian was drinking in 18.6% of the crashes. In 6.8% of the crashes a driver was drinking. In 25.4% of the crashes either a pedestrian, a driver, or both were drinking.

TABLE 3.9.12

PEDESTRIANS IN 2010 MISSOURI CRASHES

SEX OF PEDESTRIAN BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	NOT INJURED / INJURY UNK.	%	TOTAL	%
MALE	39	68.4	737	58.2	110	68.8	886	59.7
FEMALE	18	31.6	529	41.8	50	31.2	597	40.3
UNKNOWN	0	-	1	-	0	-	1	-
TOTAL	57	100.0	1,267	100.0	160	100.0	1,484	100.0

TABLE 3.9.13

PEDESTRIANS IN 2010 MISSOURI CRASHES

AGE OF PEDESTRIAN BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	NOT INJURED / INJURY UNK.	%	TOTAL	%
AVERAGE AGE OF PEDESTRIAN	39.0	-	32.1	-	35.8	-	32.6	-
4 YEARS AND UNDER	4	7.0	50	4.0	3	2.2	57	4.0
5 - 9 YEARS	0	0.0	94	7.5	5	3.6	99	6.9
10 - 14 YEARS	3	5.3	86	6.9	7	5.1	96	6.7
15 - 19 YEARS	6	10.5	180	14.5	17	12.3	203	14.1
20 - 24 YEARS	4	7.0	145	11.6	15	10.9	164	11.4
25 - 29 YEARS	4	7.0	119	9.6	14	10.1	137	9.5
30 - 34 YEARS	4	7.0	67	5.4	17	12.3	88	6.1
35 - 39 YEARS	3	5.3	62	5.0	8	5.8	73	5.1
40 - 44 YEARS	2	3.5	76	6.1	10	7.3	88	6.1
45 - 49 YEARS	6	10.5	91	7.3	8	5.8	105	7.3
50 - 54 YEARS	9	15.8	82	6.6	9	6.5	100	6.9
55 - 59 YEARS	3	5.3	70	5.6	4	2.9	77	5.3
60 - 64 YEARS	2	3.5	50	4.0	7	5.1	59	4.1
65 YEARS AND OVER	7	12.3	74	5.9	14	10.1	95	6.6
UNKNOWN	0	-	21	-	22	-	43	-
TOTAL	57	100.0	1,267	100.0	160	100.0	1,484	100.0

TABLE 3.9.14

PEDESTRIANS IN 2010 MISSOURI CRASHES

PEDESTRIAN ACTIONS BY AGE GROUP

	00 - 14 YEARS	%	15 - 64 YEARS	%	65 YEARS AND OVER	%	UN- KNOWN	TOTAL	%
CROSSING - WITH SIGNAL	8	3.5	73	7.5	8	9.4	1	90	6.8
CROSSING - AGAINST SIGNAL	13	5.6	51	5.2	5	5.9	5	74	5.6
CROSSING - NO SIGNAL	77	33.2	241	24.6	31	36.5	11	360	27.1
CROSSING - DIAGONALLY	8	3.5	45	4.6	3	3.5	1	57	4.3
CROSSING - WITHIN CROSSWALK	7	3.0	63	6.4	8	9.4	1	79	5.9
CROSSING - WITHIN MARKED CROSSWALK	6	2.6	32	3.3	1	1.2	0	39	2.9
FROM BEHIND PARKED VEHICLE	41	17.7	61	6.2	8	9.4	0	110	8.3
WALKING WITH TRAFFIC	8	3.5	77	7.9	3	3.5	2	90	6.8
WALKING AGAINST TRAFFIC	11	4.7	52	5.3	8	9.4	2	73	5.5
GETTING ON / OFF VEHICLE	2	0.9	26	2.7	0	0.0	3	31	2.3
STANDING / LYING / SITTING IN ROAD	9	3.9	107	10.9	3	3.5	2	121	9.1
PUSHING / WORKING ON VEHICLE	1	0.4	17	1.7	1	1.2	0	19	1.4
OTHER WORK IN ROAD	1	0.4	34	3.5	2	2.4	1	38	2.3
PLAYING IN ROAD	30	12.9	7	0.7	0	0.0	0	37	2.8
NOT IN ROAD	10	4.3	93	9.5	4	4.7	4	111	8.4
UNKNOWN	20	-	114	-	10	-	10	154	-
TOTAL	252	100.0	1,093	100.0	95	100.0	43	1,483	100.0

TABLE 3.9.15

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	32	69.6	555	59.5	53	54.1	640	59.4
FEMALE	14	30.4	378	40.5	45	45.9	437	40.6
UNKNOWN	10	-	216	-	23	-	249	-
TOTAL	56	100.0	1,149	100.0	121	100.0	1,326	100.0

TABLE 3.9.16

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	37.3	-	40.5	-	42.6	-	40.5	-
14 YEARS AND UNDER	0	0.0	2	0.2	0	0.0	2	0.2
15 - 20 YEARS	5	10.9	118	12.8	12	12.2	135	12.7
21 - 25 YEARS	8	17.4	135	14.6	10	10.2	153	14.3
26 - 30 YEARS	7	15.2	97	10.5	8	8.2	112	10.5
31 - 35 YEARS	5	10.9	82	8.9	8	8.2	95	8.9
36 - 40 YEARS	4	8.7	67	7.3	9	9.2	80	7.5
41 - 45 YEARS	2	4.4	70	7.6	5	5.1	77	7.2
46 - 50 YEARS	5	10.9	71	7.7	10	10.2	86	8.1
51 - 55 YEARS	5	10.9	75	8.1	10	10.2	90	8.4
56 - 60 YEARS	2	4.4	59	6.4	11	11.2	72	6.8
61 - 65 YEARS	1	2.2	56	6.1	7	7.1	64	6.0
66 YEARS AND OVER	2	4.4	91	9.9	8	8.2	101	9.5
UNKNOWN	10	-	226	-	23	-	259	-
TOTAL	56	100.0	1,149	100.0	121	100.0	1,326	100.0

TABLE 3.9.17

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2010 MISSOURI CRASHES

TYPE OF VISION OBSTRUCTION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
WINDSHIELD OBSCURED	0	0.0	12	1.1	1	0.9	13	1.1
LOAD ON VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
TREES / BRUSH	0	0.0	8	0.8	2	1.7	10	0.8
BUILDING	0	0.0	3	0.3	0	0.0	3	0.2
EMBANKMENT	0	0.0	1	0.1	0	0.0	1	0.1
SIGNBOARD	0	0.0	0	0.0	0	0.0	0	0.0
HILLCREST	0	0.0	11	1.0	1	0.9	12	1.0
PARKED CARS	1	1.9	44	4.1	1	0.9	46	3.7
MOVING CARS	0	0.0	40	3.8	2	1.7	42	3.4
GLARE	3	5.8	32	3.0	1	0.9	36	2.9
OTHER	6	11.5	59	5.6	8	7.0	73	5.9
NOT OBSCURED	42	80.8	852	80.2	99	86.1	993	80.8
UNKNOWN	4	-	87	-	6	-	97	-
TOTAL	56	100.0	1,149	100.0	121	100.0	1,326	100.0

TABLE 3.9.18

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2010 MISSOURI CRASHES

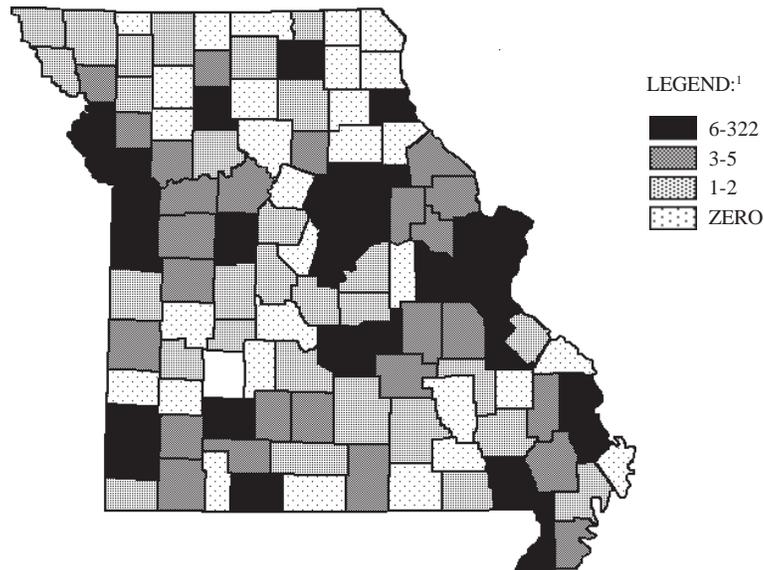
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	19	38.0	645	57.1	68	56.7	732	56.3
SPORT UTILITY VEHICLE	7	14.0	162	14.3	20	16.7	189	14.5
LIMOUSINE	0	0.0	2	0.2	0	0.0	2	0.2
VAN	3	6.0	100	8.9	5	4.2	108	8.3
BUS	0	0.0	11	1.0	2	1.7	13	1.0
SCHOOL BUS	1	2.0	5	0.4	2	1.7	8	0.6
MOTORCYCLE	0	0.0	7	0.6	0	0.0	7	0.5
MOPED	0	0.0	3	0.3	0	0.0	3	0.3
BICYCLE	0	0.0	0	0.0	0	0.0	0	0.0
MOTOR HOME / CAMPER	0	0.0	1	0.1	0	0.0	1	0.1
FARM EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	1	2.0	1	0.1	0	0.0	2	0.2
PICKUP TRUCK	16	32.0	169	15.0	20	16.7	205	15.8
OTHER TRUCKS	3	6.0	21	1.9	3	2.5	27	2.1
ALL TERRAIN VEHICLE	0	0.0	3	0.3	0	0.0	3	0.2
UNKNOWN	6	-	19	-	1	-	26	-
TOTAL	56	100.0	1,149	100.0	121	100.0	1,326	100.0

TABLE 3.9.19

2010 PEDESTRIAN INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS CITY	322	23.2	23.5	NEWTON	7	0.5
2.0	ST LOUIS	253	18.2	23.5	SCOTT	7	0.5
3.0	JACKSON	220	15.9	28.0	ADAIR	6	0.4
4.0	GREENE	60	4.3	28.0	LIVINGSTON	6	0.4
5.0	ST CHARLES	47	3.4	28.0	POLK	6	0.4
6.0	BOONE	44	3.2	28.0	PULASKI	6	0.4
7.0	JASPER	28	2.0	28.0	ST FRANCOIS	6	0.4
8.0	CLAY	24	1.7				
9.0	BUCHANAN	23	1.7				
11.0	CAPE GIRARDEAU	19	1.4				First Quartile
11.0	FRANKLIN	19	1.4				Second Quartile
11.0	JEFFERSON	19	1.4	33.0	CLINTON	5	0.4
13.0	TANEY	17	1.2	33.0	CRAWFORD	5	0.4
14.5	BUTLER	16	1.2	33.0	LINCOLN	5	0.4
14.5	PLATTE	16	1.2	33.0	RANDOLPH	5	0.4
16.0	COLE	13	0.9	33.0	RAY	5	0.4
17.0	PETTIS	12	0.9	40.0	BARRY	4	0.3
18.0	MARION	11	0.8	40.0	BOLLINGER	4	0.3
19.0	PHELPS	9	0.6	40.0	DENT	4	0.3
20.5	AUDRAIN	8	0.6	40.0	HOWELL	4	0.3
20.5	CASS	8	0.6	40.0	JOHNSON	4	0.3
23.5	CALLAWAY	7	0.5	40.0	LAFAYETTE	4	0.3
23.5	DUNKLIN	7	0.5	40.0	SALINE	4	0.3
				40.0	VERNON	4	0.3

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.0	WASHINGTON	4	0.3	78.5	MILLER	1	0.1
50.5	ANDREW	3	0.2	78.5	OSAGE	1	0.1
50.5	CHRISTIAN	3	0.2	78.5	SCHUYLER	1	0.1
50.5	GRUNDY	3	0.2	78.5	SULLIVAN	1	0.1
50.5	HENRY	3	0.2				Third Quartile
50.5	LAWRENCE	3	0.2				
50.5	MONTGOMERY	3	0.2				Fourth Quartile
50.5	PEMISCOT	3	0.2	100.5	BARTON	0	.
50.5	PIKE	3	0.2	100.5	CALDWELL	0	.
50.5	STODDARD	3	0.2	100.5	CAMDEN	0	.
50.5	WARREN	3	0.2	100.5	CARTER	0	.
50.5	WEBSTER	3	0.2	100.5	CHARITON	0	.
50.5	WRIGHT	3	0.2	100.5	CLARK	0	.
			Second Quartile	100.5	DADE	0	.
			Third Quartile	100.5	DALLAS	0	.
64.0	BATES	2	0.1	100.5	DAVISS	0	.
64.0	CARROLL	2	0.1	100.5	GASCONADE	0	.
64.0	DOUGLAS	2	0.1	100.5	HOWARD	0	.
64.0	IRON	2	0.1	100.5	KNOX	0	.
64.0	LACLEDE	2	0.1	100.5	LEWIS	0	.
64.0	MC DONALD	2	0.1	100.5	LINN	0	.
64.0	MACON	2	0.1	100.5	MADISON	0	.
64.0	MORGAN	2	0.1	100.5	MERCER	0	.
64.0	NEW MADRID	2	0.1	100.5	MISSISSIPPI	0	.
64.0	NODAWAY	2	0.1	100.5	MONITEAU	0	.
64.0	RIPLEY	2	0.1	100.5	MONROE	0	.
64.0	STE GENEVIEVE	2	0.1	100.5	OREGON	0	.
64.0	SHANNON	2	0.1	100.5	OZARK	0	.
64.0	TEXAS	2	0.1	100.5	PERRY	0	.
64.0	WAYNE	2	0.1	100.5	PUTNAM	0	.
78.5	ATCHISON	1	0.1	100.5	RALLS	0	.
78.5	BENTON	1	0.1	100.5	REYNOLDS	0	.
78.5	CEDAR	1	0.1	100.5	ST CLAIR	0	.
78.5	COOPER	1	0.1	100.5	SCOTLAND	0	.
78.5	DE KALB	1	0.1	100.5	SHELBY	0	.
78.5	GENTRY	1	0.1	100.5	STONE	0	.
78.5	HARRISON	1	0.1	100.5	WORTH	0	.
78.5	HICKORY	1	0.1				
78.5	HOLT	1	0.1				
78.5	MARIES	1	0.1				

TABLE 3.9.20

2010 PEDESTRIAN INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	322	27.3
2.0	KANSAS CITY	185	15.7
3.0	SPRINGFIELD	55	4.7
4.0	COLUMBIA	38	3.2
5.0	INDEPENDENCE	26	2.2
6.0	ST. JOSPEH	22	1.9
7.0	JOPLIN	21	1.8
8.0	ST. CHARLES	16	1.4
9.0	FLORISSANT	14	1.2
10.0	CAPE GIRARDEAU	13	1.1
11.5	BRANSON	12	1.0
11.5	JEFFERSON CITY	12	1.0
14.5	FERGUSON	11	0.9
14.5	LEE'S SUMMIT	11	0.9
14.5	POPLAR BLUFF	11	0.9
14.5	UNIVERSITY CITY	11	0.9
17.5	CLAYTON	10	0.8
17.5	JENNINGS	10	0.8
20.5	BLUE SPRINGS	9	0.8
20.5	KIRKWOOD	9	0.8
20.5	O'FALLON	9	0.8
20.5	SEDALIA	9	0.8
25.0	HANNIBAL	7	0.6
25.0	OVERLAND	7	0.6
25.0	RICHMOND HEIGHTS	7	0.6
25.0	WASHINGTON	7	0.6
25.0	WENTZVILLE	7	0.6
31.5	BERKELEY	6	0.5
31.5	CHILLICOTHE	6	0.5
31.5	CREVE COEUR	6	0.5
31.5	KIRKSVILLE	6	0.5
31.5	MARYLAND HEIGHTS	6	0.5
31.5	MEXICO	6	0.5
31.5	ROLLA	6	0.5
31.5	WEBSTER GROVES	6	0.5

¹Percentage is based on pedestrian involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.9.21

**MISSOURI FATAL AND PERSONAL INJURY PEDESTRIAN INVOLVED CRASHES
ANNUAL TIME SERIES**

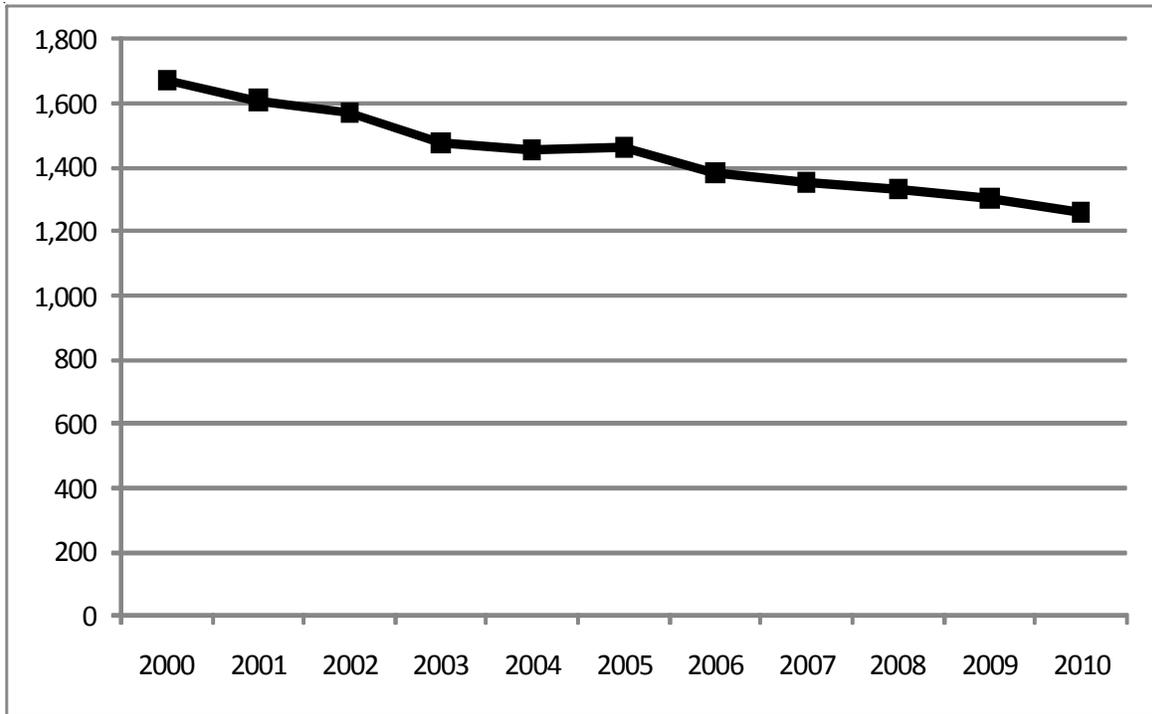


FIGURE 3.9.1

3.10 FIXED OBJECT INVOLVEMENT

This section presents a series of data displays which describe fixed object involvement in Missouri's traffic crash experience. Fixed object traffic crashes are defined as any traffic crash whose first harmful event involves a motor vehicle striking a fixed object. Crashes where a motor vehicle struck a fixed object as a result of a secondary event in a crash are not included in this analysis. Data displays also are presented which identify characteristics of the vehicle and driver striking the fixed object in the first harmful event.

2010 SUMMARY ANALYSIS

- Of all Missouri traffic crashes, 20.1% involved a fixed object being struck as part of the first harmful event. Of all fatal traffic crashes, 41.4% involved a fixed object. A total of 337 persons were killed and 11,910 were injured in fixed object crashes.
- There was a decrease of 0.4% in the rate of change when comparing all 2010 fixed object related traffic crash activity with that in 2009. When examining fatal fixed object crashes, the rate of change increased by 1.6%.
- In 2010, one person was killed or injured in a fixed object crash every 42.9 minutes in the State of Missouri.
- Of all fixed object traffic crashes, 43.7% occurred in an urban area and 56.3% occurred in a rural area of the State. Of the fatal fixed object crashes, 74.2% occurred in a rural area.
- Of all fixed object crashes, 33.1% occurred on a curve and 42.2% occurred on a hill or crest of a hill.
- In 25.1% of the cases, an embankment, culvert, or ditch was the type of object struck. In 9.9% of the incidents, a tree was struck.
- Of the vehicles striking the fixed object, 54.8% were automobiles and 18.3% were pickup trucks.
- Of the drivers striking fixed objects, 62.1% were male and 37.9% were female. The average age of the driver was 34.6 years.
- Of the drivers striking fixed objects, 82.7% had a Missouri driver's license, 11.7% had an out-of-state driver's license, and 5.7% were unlicensed.

2010 MISSOURI TRAFFIC CRASHES

FIXED OBJECT INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	DRIVERS/PASSENGERS OF VEHICLES STRIKING FIXED OBJECTS² KILLED	INJURED
FIXED OBJECT INVOLVED	322	41.4	9,263	24.6	20,887	18.5	30,472	20.1	337	330	11,687
NO FIXED OBJECT INVOLVED	456	58.6	28,350	75.4	92,075	81.5	120,881	79.9	484	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	330	11,687

¹This statistic indicates the total number of persons killed and injured in a crash where a fixed object was struck during the first harmful event in a crash.

²This statistic indicates the number of drivers and passengers of vehicles striking fixed objects during the first harmful event in a crash who were killed and injured.

TABLE 3.10.1

2009 AND 2010 FIXED OBJECT CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	317	322	+1.6
PERSONAL INJURY	9,325	9,263	- 0.7
PROPERTY DAMAGE	20,954	20,887	- 0.3
TOTAL	30,596	30,472	- 0.4

TABLE 3.10.2

2010 FIXED OBJECT CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	83	25.8	3,396	36.7	9,845	47.1	13,324	43.7
RURAL	239	74.2	5,867	63.3	11,042	52.9	17,148	56.3
TOTAL	322	100.0	9,263	100.0	20,887	100.0	30,472	100.0

TABLE 3.10.3

2010 FIXED OBJECT CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	182	56.7	5,679	61.8	14,193	69.4	20,054	66.9
CURVE	139	43.3	3,509	38.2	6,255	30.6	9,903	33.1
UNKNOWN	1	-	75	-	439	-	515	-
TOTAL	322	100.0	9,263	100.0	20,887	100.0	30,472	100.0

TABLE 3.10.4

2010 FIXED OBJECT CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	132	41.1	4,927	53.8	12,138	59.9	17,197	57.8
HILL	181	56.4	3,998	43.7	7,645	37.7	11,824	39.8
CREST	8	2.5	224	2.5	483	2.4	715	2.4
UNKNOWN	1	-	114	-	621	-	736	-
TOTAL	322	100.0	9,263	100.0	20,887	100.0	30,472	100.0

TABLE 3.10.5

2010 FIXED OBJECT CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	269	84.1	6,405	69.9	11,598	56.5	18,272	60.9
WET	37	11.6	1,814	19.8	4,944	24.1	6,795	22.6
SNOW	8	2.5	577	6.3	2,692	13.1	3,277	10.9
ICE	6	1.9	291	3.2	992	4.8	1,289	4.3
SLUSH	0	0.0	65	0.7	227	1.1	292	1.0
MUD	0	0.0	8	0.1	18	0.1	26	0.1
STANDING WATER	0	0.0	6	0.1	31	0.2	37	0.1
MOVING WATER	0	0.0	0	0.0	11	0.1	11	0.1
UNKNOWN	2	-	97	-	374	-	473	-
TOTAL	322	100.0	9,263	100.0	20,887	100.0	30,472	100.0

TABLE 3.10.6

2010 FIXED OBJECT CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	41	12.7	1,454	15.7	4,365	20.9	5,860	19.2
U.S. HIGHWAY	37	11.5	952	10.3	1,990	9.5	2,979	9.8
STATE NUMBERED	55	17.1	1,484	16.0	2,387	11.4	3,926	12.9
SINGLE STATE LETTERED	51	15.9	1,169	12.6	1,451	7.0	2,671	8.8
DOUBLE STATE LETTERED	16	5.0	475	5.1	586	2.8	1,077	3.5
OUTER ROAD	1	0.3	34	0.4	118	0.6	153	0.5
COUNTY ROAD	61	19.1	1,522	16.4	2,735	13.1	4,318	14.2
CITY STREET	53	16.5	2,054	22.2	6,701	32.1	8,808	28.9
INTERSTATE LOOP	1	0.3	10	0.1	35	0.2	46	0.2
OTHER ¹	6	1.9	109	1.2	519	2.5	634	2.1
TOTAL	322	100.0	9,263	100.0	20,887	100.0	30,472	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.10.7

2010 FIXED OBJECT CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN						RURAL									
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	22	26.5	851	25.0	2,024	20.6	2,897	21.7	19	8.0	603	10.3	2,341	21.2	2,963	17.3
U.S. HIGHWAY	9	10.8	284	8.4	630	6.4	923	6.9	28	11.7	668	11.4	1,360	12.3	2,056	12.0
STATE NUMBERED	1	1.2	214	6.3	544	5.5	759	5.7	54	22.6	1,270	21.7	1,843	16.7	3,167	18.5
SINGLE STATE LETTERED	1	1.2	56	1.7	93	0.9	150	1.1	50	20.9	1,113	19.0	1,358	12.3	2,521	14.7
DOUBLE STATE LETTERED	1	1.2	30	0.9	64	0.7	95	0.7	15	6.3	445	7.6	522	4.7	982	5.7
OUTER ROAD	0	0.0	19	0.6	66	0.7	85	0.6	1	0.4	15	0.3	52	0.5	68	0.4
COUNTY ROAD	2	2.4	67	2.0	204	2.1	273	2.1	59	24.7	1,455	24.8	2,531	22.9	4,045	23.6
CITY STREET	44	53.0	1,822	53.7	5,867	59.6	7,733	58.0	9	3.8	232	4.0	834	7.6	1,075	6.3
INTERSTATE LOOP	1	1.2	5	0.2	6	0.1	12	0.1	0	0.0	5	0.1	29	0.3	34	0.2
OTHER ¹	2	2.4	48	1.4	347	3.5	397	3.0	4	1.7	61	01.0	172	1.6	237	1.4
TOTAL	83	100.0	3,396	100.0	9,845	100.0	13,324	100.0	239	100.0	5,867	100.0	11,042	100.0	17,148	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.10.8

2010 FIXED OBJECT CRASHES

TYPE OF OBJECT STRUCK BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
TREE	47	14.7	1,306	14.2	1,629	7.9	2,982	9.9
EMBANKMENT	78	24.4	1,784	19.3	2,086	10.1	3,948	13.1
GUARD RAIL FACE	12	3.8	419	4.5	1,147	5.5	1,578	5.2
GUARD RAIL END	3	0.9	103	1.1	230	1.1	336	1.1
UTILITY POLE	12	3.8	644	7.0	1,411	6.8	2,067	6.8
FENCE	16	5.0	459	5.0	1,454	7.0	1,929	6.4
STREET LIGHT SUPPORT	2	0.6	159	1.7	614	3.0	775	2.6
CULVERT	17	5.3	376	4.1	376	1.8	769	2.5
TRAFFIC SIGN POST	21	6.6	496	5.4	1,987	9.6	2,504	8.3
PIER / ABUTMENT	6	1.9	64	0.7	186	0.9	256	0.9
CURB	16	5.0	459	5.0	1,293	6.2	1,768	5.8
MAILBOX	13	4.1	211	2.3	937	4.5	1,161	3.8
CONCRETE TRAF. BARRIER	8	2.5	578	6.3	1,134	5.5	1,720	5.7
BUILDING	2	0.6	81	0.9	293	1.4	376	1.2
TRAFFIC SIGNAL SUPPORT	3	0.9	56	0.6	248	1.2	307	1.0
IMPACT ATTENUATOR	0	0.0	20	0.2	33	0.2	53	0.2
FIRE HYDRANT	0	0.0	50	0.5	285	1.4	335	1.1
BRIDGE PARAPET END	0	0.0	11	0.1	14	0.1	25	0.1
BRIDGE RAIL	4	1.3	90	1.0	194	0.9	288	1.0
MEDIAN BARRIER	9	2.8	332	3.6	1,782	8.6	2,123	7.0
OVERHEAD SIGN SUPPORT	1	0.3	3	0.1	17	0.1	21	0.1
DITCH	32	10.0	1,095	11.9	1,736	8.4	2,863	9.5
OTHER POST	5	1.6	110	1.2	414	2.0	529	1.8
WALL	1	0.3	75	0.8	205	1.0	281	0.9
OTHER	12	3.8	247	2.7	1,005	4.9	1,264	4.2
FIXED OBJECT TYPE UNKNOWN	2	-	35	-	177	-	214	-
TOTAL	322	100.0	9,263	100.0	20,887	100.0	30,472	100.0

TABLE 3.10.9

2010 MISSOURI FIXED OBJECT CRASHES**MONTH OF YEAR**

MONTH	FREQUENCY	PERCENT
JANUARY	3,537	11.6
FEBRUARY	3,205	10.5
MARCH	2,367	7.8
APRIL	2,206	7.2
MAY	2,359	7.7
JUNE	2,208	7.3
JULY	2,410	7.9
AUGUST	2,189	7.2
SEPTEMBER	2,244	7.4
OCTOBER	2,122	7.0
NOVEMBER	2,312	7.6
DECEMBER	3,313	10.9
TOTAL	30,472	100.0

TABLE 3.10.10

2010 MISSOURI FIXED OBJECT CRASHES**DAY OF WEEK**

DAY	FREQUENCY	PERCENT
SUNDAY	4,843	15.9
MONDAY	3,840	12.6
TUESDAY	3,414	11.2
WEDNESDAY	4,122	13.6
THURSDAY	4,014	13.2
FRIDAY	5,263	17.3
SATURDAY	4,932	16.2
UNKNOWN	44	--
TOTAL	30,472	100.0

TABLE 3.10.11

2010 MISSOURI FIXED OBJECT CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	1,173	3.9
01:00A - 01:59A	1,263	4.2
02:00A - 02:59A	963	3.2
03:00A - 03:59A	863	2.9
04:00A - 04:59A	655	2.2
05:00A - 05:59A	776	2.6
06:00A - 06:59A	1,036	3.5
07:00A - 07:59A	1,584	5.3
08:00A - 08:59A	1,412	4.7
09:00A - 09:59A	1,159	3.9
10:00A - 10:59A	1,137	3.8
11:00A - 11:59A	1,222	4.1
NOON - 12:59P	1,199	4.0
01:00P - 01:59P	1,278	4.3
02:00P - 02:59P	1,492	5.0
03:00P - 03:59P	1,644	5.5
04:00P - 04:59P	1,561	5.2
05:00P - 05:59P	1,639	5.5
06:00P - 06:59P	1,491	5.0
07:00P - 07:59P	1,313	4.4
08:00P - 08:59P	1,235	4.1
09:00P - 09:59P	1,348	4.5
10:00P - 10:59P	1,296	4.3
11:00P - MIDNIGHT	1,317	4.4
UNKNOWN	416	--
TOTAL	30,472	100.0

TABLE 3.10.12

2010 MISSOURI FIXED OBJECT CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL FIXED OBJECT CRASHES = 322				TOTAL FIXED OBJECT CRASHES = 30,472		
	VEHICLE/DRIVER STRIKING OBJ.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	VEHICLE/DRIVER STRIKING OBJ.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	1.2	0.0	1.2	4.0	0.0	4.0
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.0	0.0	0.1
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	54.7	0.0	54.7	44.0	0.3	44.0
IMPROPER PASSING	1.6	0.0	1.6	0.4	0.0	0.4
VIOLATION OF STOP SIGN	3.1	0.0	3.1	1.1	0.0	1.1
WRONG SIDE NOT PASSING	8.1	0.0	8.1	2.1	0.0	2.1
FOLLOWING TOO CLOSE	0.0	0.0	0.0	0.8	0.1	0.8
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.0	0.0	0.0	1.1	0.0	1.1
IMPROPER TURN	0.0	0.0	0.0	2.8	0.0	2.8
IMPROPER LANE USAGE / CHANGE	28.6	0.0	28.7	13.4	0.1	13.5
WRONG WAY ONE-WAY STREET	0.3	0.0	0.3	0.1	0.0	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.1	0.0	0.1
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.0	0.1
FAILED TO YIELD	0.3	0.0	0.3	0.4	0.0	0.5
DRINKING	36.3	0.0	36.3	11.5	0.0	11.5
DRUGS	8.1	0.0	8.1	2.1	0.0	2.1
PHYSICAL IMPAIRMENT	8.7	0.0	8.7	5.9	0.0	5.9
INATTENTION	19.9	0.0	19.9	21.4	0.1	21.5

¹This table identifies the proportion of fixed object crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the proportion of crashes where the contributing circumstance was associated with the driver or vehicle striking the fixed object as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2010 Missouri fixed object crashes, it was found that the driver of the vehicle striking the fixed object was speeding in 54.7% of the crashes. In 0.0% of the crashes another driver was speeding. In 54.7% of the crashes either the driver of the vehicle striking the fixed object, another driver, or both drivers were speeding.

TABLE 3.10.13

2010 MISSOURI FIXED OBJECT CRASHES¹

TYPE OF VEHICLE STRIKING FIXED OBJECT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	122	37.9	4,998	54.0	11,318	55.4	16,438	54.8
SPORT UTILITY VEHICLE	52	16.2	1,570	17.0	3,048	14.9	4,670	15.6
LIMOUSINE	0	0.0	1	0.0	5	0.0	6	0.0
VAN	21	6.5	410	4.4	875	4.3	1,306	4.3
BUS	0	0.0	8	0.1	41	0.2	49	0.2
SCHOOL BUS	0	0.0	8	0.1	39	0.2	47	0.2
MOTORCYCLE	21	6.5	312	3.4	43	0.2	376	1.3
ALL TERRAIN VEHICLE	9	2.8	59	0.6	4	0.0	72	0.2
MOPED	0	0.0	10	0.1	0	0.0	10	0.0
MOTOR HOME / CAMPER	0	0.0	3	0.0	18	0.1	21	0.1
FARM EQUIPMENT	2	0.6	3	0.0	15	0.1	20	0.1
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	10	0.1	10	0.0
OTHER TRANSPORT DEVICE	2	0.6	3	0.0	25	0.1	30	0.1
PICKUP TRUCK	86	26.7	1,714	18.5	3,700	18.1	5,500	18.3
OTHER TRUCKS	7	2.2	159	1.7	1,286	6.3	1,452	4.8
UNKNOWN	0	-	5	-	460	-	465	-
TOTAL	322	100.0	9,263	100.0	20,887	100.0	30,472	100.0

¹This table includes only those vehicles striking a fixed object during the first harmful event in a crash.

TABLE 3.10.14

VEHICLES STRIKING FIXED OBJECTS IN 2010 MISSOURI CRASHES¹

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	11	0.1	119	0.6	130	0.4
KNOWN DRIVER INVOLVED	321	99.7	9,194	99.3	18,796	90.0	28,311	92.9
UNKNOWN DRIVER INVOLVED	1	0.3	58	0.6	1,972	9.4	2,031	6.7
TOTAL	322	100.0	9,263	100.0	20,887	100.0	30,472	100.0

¹This table includes only vehicles striking fixed objects during the first harmful event in a crash.

TABLE 3.10.15

DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2010 MISSOURI CRASHES¹

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	255	79.4	5,346	58.2	11,917	63.8	17,518	62.1
FEMALE	66	20.6	3,846	41.8	6,776	36.2	10,688	37.9
UNKNOWN	1	-	60	-	2,074	-	2,135	-
TOTAL	322	100.0	9,252	100.0	20,767	100.0	30,341	100.0

¹The table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

TABLE 3.10.16

DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2010 MISSOURI CRASHES¹

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	41.0	-	34.5	-	34.6	-	34.6	-
14 YEARS AND UNDER	4	1.3	67	0.7	78	0.4	149	0.5
15 - 20 YEARS	32	10.0	2,181	23.8	4,093	21.8	6,306	22.3
21 - 25 YEARS	53	16.5	1,498	16.3	3,263	17.4	4,814	17.1
26 - 30 YEARS	31	9.7	1,065	11.6	2,295	12.3	3,391	12.0
31 - 35 YEARS	16	5.0	770	8.4	1,624	8.7	2,410	8.5
36 - 40 YEARS	33	10.3	671	7.3	1,418	7.6	2,122	7.5
41 - 45 YEARS	27	8.4	563	6.1	1,256	6.7	1,846	6.5
46 - 50 YEARS	31	9.7	635	6.9	1,299	6.9	1,965	7.0
51 - 55 YEARS	25	7.8	542	5.9	1,065	5.7	1,632	5.8
56 - 60 YEARS	22	6.9	377	4.1	851	4.5	1,250	4.4
61 - 65 YEARS	10	3.1	276	3.0	532	2.8	818	2.9
66 YEARS AND OVER	37	11.5	527	5.8	962	5.1	1,526	5.4
UNKNOWN	1	-	80	-	2,031	-	2,112	-
TOTAL	322	100.0	9,252	100.0	20,767	100.0	30,341	100.0

¹This table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

TABLE 3.10.17

DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2010 MISSOURI CRASHES¹

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

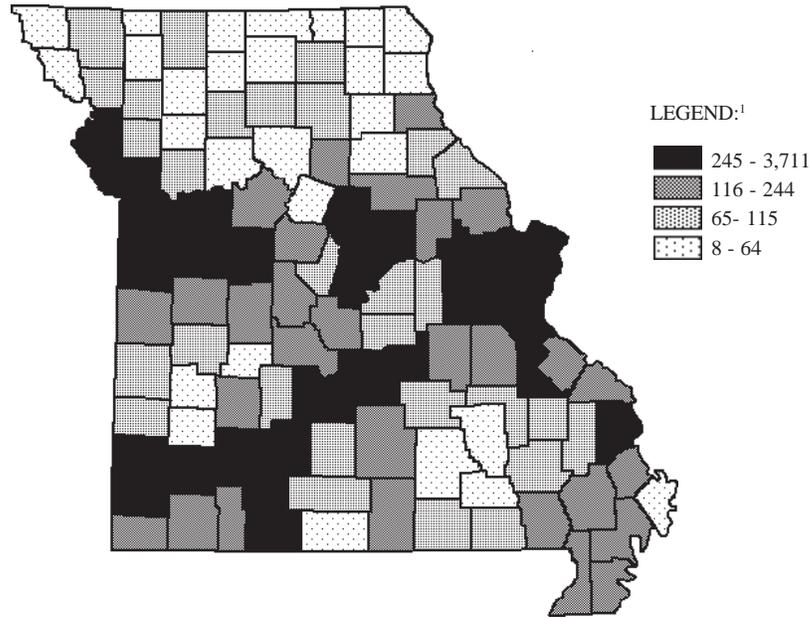
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	1	0.3	74	0.8	132	0.7	207	0.8
OPERATOR'S LICENSE	214	66.7	7,120	78.9	13,728	75.2	21,062	76.3
MOTORCYCLE ONLY	0	0.0	1	0.0	1	0.0	2	0.0
COMMERCIAL DRIVER'S LICENSE	19	5.9	401	4.4	1,124	6.2	1,544	5.6
SUBTOTAL	234	72.8	7,596	84.1	14,985	82.1	22,815	82.7
OUT STATE								
LEARNER'S PERMIT	0	0.0	7	0.1	7	0.0	14	0.1
OPERATOR'S LICENSE	32	10.0	686	7.6	1,858	10.2	2,576	9.3
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	6	1.9	85	0.9	551	3.0	642	2.3
SUBTOTAL	38	11.8	778	8.6	2,416	13.2	3,232	11.7
UNLICENSED	49	15.3	654	7.2	859	4.7	1,562	5.7
UNKNOWN	1	-	224	-	2,507	-	2,732	-
TOTAL	322	100.0	9,252	100.0	20,767	100.0	30,341	100.0

¹This table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

TABLE 3.10.18

2010 FIXED OBJECT INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	3,711	12.2	23.0	WEBSTER	304	1.0
2.0	JACKSON	3,140	10.3	24.0	JOHNSON	291	1.0
3.0	ST LOUIS CITY	2,008	6.6	25.0	CHRISTIAN	285	0.9
4.0	GREENE	1,226	4.0	26.0	WARREN	267	0.9
5.0	ST CHARLES	1,223	4.0	27.0	LAWRENCE	266	0.9
6.0	JEFFERSON	1,114	3.7	28.0	LAFAYETTE	251	0.8
7.0	CLAY	932	3.1	29.0	PETTIS	245	0.8
8.0	FRANKLIN	761	2.5				First Quartile
9.0	BOONE	606	2.0				
10.0	PHELPS	516	1.7				Second Quartile
11.0	BUCHANAN	509	1.7	30.5	BUTLER	225	0.7
12.0	PLATTE	504	1.7	30.5	SALINE	225	0.7
13.0	JASPER	442	1.5	32.0	SCOTT	224	0.7
14.0	CAPE GIRARDEAU	434	1.4	33.0	CRAWFORD	221	0.7
15.0	CALLAWAY	423	1.4	34.0	HOWELL	218	0.7
16.0	TANEY	408	1.3	35.0	BARRY	215	0.7
17.0	PULASKI	405	1.3	36.0	STONE	213	0.7
18.0	COLE	395	1.3	37.0	CAMDEN	201	0.7
19.0	CASS	363	1.2	38.0	MILLER	197	0.6
20.0	NEWTON	352	1.2	39.0	COOPER	188	0.6
21.0	ST FRANCOIS	335	1.1	40.0	MC DONALD	182	0.6
22.0	LACLEDE	314	1.0	41.0	LINCOLN	177	0.6

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
42.0	STODDARD	175	0.6	80.5	DE KALB	76	0.2
43.0	MARION	166	0.5	80.5	IRON	76	0.2
44.0	TEXAS	163	0.5	82.0	ST CLAIR	74	0.2
45.0	POLK	152	0.5	83.5	LINN	68	0.2
46.5	MORGAN	147	0.5	83.5	MARIES	68	0.2
46.5	PEMISCOT	147	0.5	85.0	BOLLINGER	67	0.2
48.0	MONTGOMERY	145	0.5	86.0	BARTON	66	0.2
49.0	RANDOLPH	143	0.5	87.0	HARRISON	65	0.2
50.0	STE GENEVIEVE	141	0.5				
51.0	WASHINGTON	133	0.4				Third Quartile
52.0	AUDRAIN	129	0.4				
53.0	DUNKLIN	128	0.4				Fourth Quartile
54.0	BATES	127	0.4	88.0	OZARK	61	0.2
55.0	BENTON	119	0.4	89.0	GRUNDY	58	0.2
56.0	NEW MADRID	118	0.4	90.5	DAVISS	57	0.2
57.0	HENRY	117	0.4	90.5	SULLIVAN	57	0.2
58.0	PERRY	116	0.4	92.0	REYNOLDS	53	0.2
			Second Quartile	93.0	CARTER	52	0.2
			Third Quartile	94.0	MISSISSIPPI	50	0.2
59.0	MONITEAU	114	0.4	95.0	HOWARD	48	0.2
60.0	GASCONADE	111	0.4	96.0	CEDAR	47	0.2
61.0	ANDREW	110	0.4	98.5	CALDWELL	45	0.1
62.5	RAY	109	0.4	98.5	HICKORY	45	0.1
62.5	WAYNE	109	0.4	98.5	LEWIS	45	0.1
64.0	VERNON	103	0.3	98.5	MONROE	45	0.1
65.0	DENT	102	0.3	101.0	SHANNON	42	0.1
66.0	OSAGE	101	0.3	102.0	HOLT	37	0.1
67.0	MACON	97	0.3	103.0	CHARITON	36	0.1
68.0	DOUGLAS	96	0.3	104.0	ATCHISON	35	0.1
69.0	CLINTON	91	0.3	105.0	CARROLL	34	0.1
70.0	RIPLEY	90	0.3	106.0	DADE	29	0.1
71.0	RALLS	88	0.3	107.0	GENTRY	28	0.1
72.0	MADISON	87	0.3	108.0	CLARK	27	0.1
73.5	PIKE	86	0.3	109.0	SCOTLAND	23	0.1
73.5	WRIGHT	86	0.3	110.5	MERCER	22	0.1
75.5	LIVINGSTON	83	0.3	110.5	SHELBY	22	0.1
75.5	OREGON	83	0.3	112.0	KNOX	15	0.0
77.0	DALLAS	82	0.3	113.0	PUTNAM	13	0.0
78.0	NODAWAY	81	0.3	114.0	SCHUYLER	9	0.0
79.0	ADAIR	78	0.3	115.0	WORTH	8	0.0

TABLE 3.10.19

2010 FIXED OBJECT INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	2,482	16.2
2.0	ST. LOUIS	2,008	13.1
3.0	SPRINGFIELD	731	4.8
4.0	INDEPENDENCE	374	2.4
5.0	ST. JOSEPH	373	2.4
6.0	LEE'S SUMMIT	359	2.3
7.0	COLUMBIA	311	2.0
8.0	ST. CHARLES	268	1.8
9.0	JOPLIN	221	1.4
10.0	JEFFERSON CITY	219	1.4
11.0	O'FALLON	188	1.2
12.0	CAPE GIRARDEAU	185	1.2
13.0	BLUE SPRINGS	175	1.1
14.0	WILDWOOD	169	1.1
15.0	ST. PETERS	158	1.0
16.0	BRIDGETON	148	1.0
17.0	CHESTERFIELD	142	0.9
18.5	MARYLAND HEIGHTS	129	0.8
18.5	WENTZVILLE	129	0.8
20.0	FLORISSANT	127	0.8
21.0	SUNSET HILLS	119	0.8
22.0	ROLLA	117	0.8
23.0	ST. ROBERT	116	0.8
24.0	BERKELEY	108	0.7
25.0	KIRKWOOD	107	0.7
26.0	UNIVERSITY CITY	102	0.7
27.0	LIBERTY	100	0.7
28.0	BRANSON	99	0.6
29.0	GRANDVIEW	97	0.6
30.0	HAZELWOOD	95	0.6
31.0	BELLEFONTAINE NB	91	0.6
32.0	HANNIBAL	90	0.6
33.0	CREVE COEUR	87	0.6
34.0	POPLAR BLUFF	82	0.5
35.0	BALLWIN	80	0.5
36.0	ARNOLD	79	0.5
37.5	CLAYTON	76	0.5
37.5	SEDALIA	76	0.5
39.0	GLADSTONE	75	0.5
40.0	SIKESTON	71	0.5
41.0	LAKE ST. LOUIS	70	0.5

¹Percentage is based on fixed object involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.10.20

**MISSOURI FATAL AND PERSONAL INJURY FIXED OBJECT CRASHES
ANNUAL TIME SERIES**

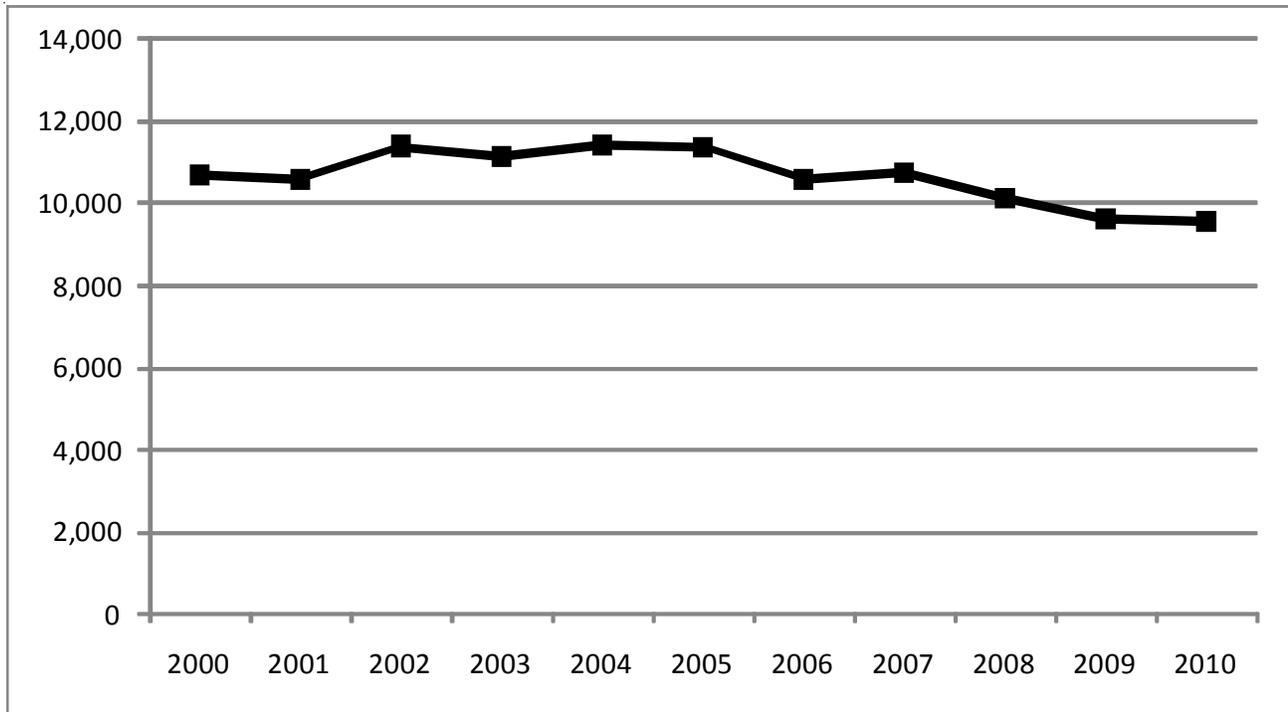


FIGURE 3.10.1

3.11 HAZARDOUS MATERIAL INVOLVEMENT

This section presents a series of data displays which identify hazardous material involvement in Missouri's traffic crash experience. Hazardous material traffic crashes are defined as any crash in which one or more of the vehicles involved were carrying hazardous materials. Data displays also are provided which identify characteristics about the type of hazardous material being carried as well as the vehicle and driver transporting the material.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 0.1% involved hazardous materials. Of all fatal traffic crashes, 0.1% were hazardous material related. One person was killed and 34 were injured in traffic crashes involving hazardous materials.
- There was an decrease of 11.8% in the rate of change when comparing all 2010 hazardous material involved traffic crash activity with that in 2009.
- Of all 2010 hazardous material traffic crashes, the first harmful event in 61.6% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. The first harmful event in 14.3% of the cases was a motor vehicle in transport striking a fixed object and in 12.5% of the incidents a motor vehicle overturned.
- Of all 2010 hazardous material traffic crashes, 35.7% occurred in urban areas and 64.3% occurred in rural areas of the State. The one fatality for 2010 occurred in a rural area.
- Of all vehicles carrying hazardous materials in traffic crashes, 68.8% were two-unit trucks and 22.3% were single unit trucks.
- Of all vehicles carrying hazardous materials, 15.2% had their materials released as a result of the traffic crash.
- Of the drivers transporting hazardous materials in 2010 traffic crashes, 95.5% were male and 4.5% were female. The average age of the driver was 46.4 years.
- Of the drivers, 73.9% had a Missouri driver's license and 26.1% had an out-of-state driver's license at the time of the crash.

2010 MISSOURI TRAFFIC CRASHES

HAZARDOUS MATERIAL INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED	INJURED	DRIVERS/PASSENGERS OF VEHICLES CARRYING HAZARDOUS MATERIALS ² KILLED	INJURED
HAZARDOUS MATERIALS INVOLVED	1	0.1	30	0.1	81	0.1	112	0.1	1	34	0	14
NO HAZARDOUS MATERIALS INVOLVED	777	99.9	37,583	99.9	112,881	99.9	151,241	99.9	820	54,841	-	-
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875	0	14

¹This statistic indicates the total number of persons killed and injured in a crash where hazardous materials were involved.

²This statistic indicates the number of drivers and passengers of vehicles carrying hazardous materials killed and injured.

TABLE 3.11.1

2009 AND 2010 HAZARDOUS MATERIAL INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	3	1	-66.7
PERSONAL INJURY	32	30	-6.3
PROPERTY DAMAGE	92	81	-12.0
TOTAL	127	112	-11.8

TABLE 3.11.2

2010 HAZARDOUS MATERIAL INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	0	0.0	5	6.2	5	4.5
BICYCLIST	0	0.0	0	0.0	0	0.0	0	0.0
FIXED OBJECT	0	0.0	4	13.3	12	14.8	16	14.3
OTHER OBJECT	0	0.0	1	3.3	3	3.7	4	3.6
PEDESTRIAN	0	0.0	0	0.0	0	0.0	0	0.0
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	1	100.0	18	60.0	50	61.7	69	61.6
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	0	0.0	0	0.0
PARKED VEHICLE	0	0.0	0	0.0	2	2.5	2	1.8
NONCOLLISION OVERTURN	0	0.0	7	23.3	7	8.6	14	12.5
NONCOLLISION OTHER	0	0.0	0	0.0	2	2.5	2	1.8
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.3

2010 HAZARDOUS MATERIAL INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	0	0.0	5	16.7	35	43.2	40	35.7
RURAL	1	100.0	25	83.3	46	56.8	72	64.3
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.4

2010 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	1	100.0	22	73.3	64	80.0	87	78.4
CURVE	0	0.0	8	26.7	16	20.0	24	21.6
UNKNOWN	0	-	0	-	1	-	1	-
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.5

2010 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	0	0.0	14	46.7	49	61.3	63	56.8
HILL	1	100.0	16	53.3	30	37.5	47	42.3
CREST	0	0.0	0	0.0	1	1.2	1	0.9
UNKNOWN	0	-	0	-	1	-	1	-
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.6

2010 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	1	100.0	21	70.0	62	76.5	84	75.0
WET	0	0.0	4	13.3	13	16.1	17	15.2
SNOW	0	0.0	3	10.0	4	4.9	7	6.2
ICE	0	0.0	2	6.7	0	0.0	2	1.8
SLUSH	0	0.0	0	0.0	1	1.2	1	0.9
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	1	1.2	1	0.9
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.7

2010 HAZARDOUS MATERIAL INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	8	26.7	25	30.9	33	39.5
U.S. HIGHWAY	1	100.0	7	23.3	18	22.2	26	23.2
STATE NUMBERED	0	0.0	4	13.3	10	12.3	14	12.5
SINGLE STATE LETTERED	0	0.0	6	20.0	5	6.2	11	9.8
DOUBLE STATE LETTERED	0	0.0	1	3.3	4	4.9	5	4.5
OUTER ROAD	0	0.0	0	0.0	0	0.0	0	0.0
COUNTY ROAD	0	0.0	3	10.0	3	3.7	6	5.4
CITY STREET	0	0.0	1	3.3	13	16.1	14	12.5
INTERSTATE LOOP	0	0.0	0	0.0	0	0.0	0	0.0
OTHER ¹	0	0.0	0	0.0	3	3.7	3	2.7
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.11.8

2010 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES**MONTH OF YEAR**

MONTH	FREQUENCY	PERCENT
JANUARY	16	14.3
FEBRUARY	6	5.4
MARCH	10	8.9
APRIL	7	6.3
MAY	4	3.6
JUNE	10	8.9
JULY	9	8.0
AUGUST	8	7.1
SEPTEMBER	10	8.9
OCTOBER	9	8.0
NOVEMBER	12	10.7
DECEMBER	11	9.8
TOTAL	112	100.0

TABLE 3.11.9

2010 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES**DAY OF WEEK**

DAY	FREQUENCY	PERCENT
SUNDAY	6	5.4
MONDAY	14	12.5
TUESDAY	19	17.0
WEDNESDAY	21	18.8
THURSDAY	28	25.0
FRIDAY	15	13.4
SATURDAY	9	8.0
TOTAL	112	100.0

TABLE 3.11.10

2010 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	2	1.8
01:00A - 01:59A	2	1.8
02:00A - 02:59A	3	2.7
03:00A - 03:59A	0	0.0
04:00A - 04:59A	2	1.8
05:00A - 05:59A	2	1.8
06:00A - 06:59A	4	3.6
07:00A - 07:59A	4	3.6
08:00A - 08:59A	15	13.4
09:00A - 09:59A	8	7.1
10:00A - 10:59A	8	7.1
11:00A - 11:59A	12	10.7
NOON - 12:59P	15	13.4
01:00P - 01:59P	5	4.5
02:00P - 02:59P	4	3.6
03:00P - 03:59P	3	2.7
04:00P - 04:59P	6	5.4
05:00P - 05:59P	0	0.0
06:00P - 06:59P	7	6.3
07:00P - 07:59P	2	1.8
08:00P - 08:59P	2	1.8
09:00P - 09:59P	2	1.8
10:00P - 10:59P	3	2.7
11:00P - MIDNIGHT	1	0.9
TOTAL	112	100.0

TABLE 3.11.11

VEHICLES CARRYING HAZARDOUS MATERIALS INVOLVED IN 2010 MISSOURI CRASHES

TYPE OF VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
PASSENGER CAR	0	0.0	0	0.0	1	1.2	1	0.9
SUV	0	0.0	0	0.0	0	0.0	0	0.0
VAN	0	0.0	0	0.0	0	0.0	0	0.0
MOTORCYCLE	0	0.0	0	0.0	1	1.2	1	0.9
FARMEQUIPMENT	0	0.0	0	0.0	1	1.2	1	0.9
OTHER TRANSPORT DEVICE	0	0.0	0	0.0	1	1.2	1	0.9
PICKUP TRUCK	0	0.0	1	3.3	5	6.2	6	5.4
SINGLE UNIT TRUCK	0	0.0	11	36.7	14	17.3	25	22.3
TWO UNIT TRUCK	1	100.0	18	60.0	58	71.6	77	68.8
OTHER TRUCK	0	0.0	0	0.0	1	1.2	1	0.9
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.12

VEHICLES CARRYING HAZARDOUS MATERIALS INVOLVED IN 2010 MISSOURI CRASHES

TYPE OF HAZARDOUS MATERIAL CARRIED BY SPILLAGE AND CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
SPILLED								
GASES IN BULK	0	0.0	2	6.7	3	3.7	5	4.5
SOLIDS IN BULK	0	0.0	0	0.0	0	0.0	0	0.0
LIQUIDS IN BULK	0	0.0	7	23.3	5	6.2	12	10.7
EXPLOSIVES	0	0.0	0	0.0	0	0.0	0	0.0
SUBTOTAL	0	0.0	9	30.0	8	9.9	17	15.2
NOT SPILLED								
GASES IN BULK	0	0.0	9	30.0	24	29.6	33	29.5
SOLIDS IN BULK	0	0.0	1	3.3	5	6.2	6	5.4
LIQUIDS IN BULK	1	100.0	11	36.7	39	48.1	51	45.5
EXPLOSIVES	0	0.0	0	0.0	5	6.2	5	4.5
SUBTOTAL	1	100.0	21	70.0	73	90.1	95	84.8
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.13

2010 MISSOURI HAZARDOUS MATERIAL CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL HAZARDOUS MATERIAL CRASHES = 1				TOTAL HAZARDOUS MATERIAL CRASHES = 112		
	HAZARDOUS MATERIAL DRIVER/VEH.	OTHER DRIVER/VEHICLE/PED.	TOTAL FATAL	HAZARDOUS MATERIAL DRIVER/VEH.	OTHER DRIVER/VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.0	0.0	0.0	2.7	0.0	2.7
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.9	0.0	0.9
EXCEEDING SPEED LIMIT/ TOO FAST FOR CONDITIONS	0.0	0.0	0.0	9.8	10.7	20.5
IMPROPER PASSING	0.0	0.0	0.0	0.0	0.9	0.9
VIOLATION OF STOP SIGN	0.0	0.0	0.0	0.9	1.8	2.7
WRONG SIDE NOT PASSING	0.0	0.0	0.0	0.9	1.8	2.7
FOLLOWING TOO CLOSE	0.0	0.0	0.0	6.3	5.4	11.6
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.0	0.0	0.0	0.9	0.0	0.9
IMPROPER TURN	0.0	0.0	0.0	5.4	0.9	6.3
IMPROPER LANE USAGE / CHANGE	0.0	0.0	0.0	13.4	8.9	21.4
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	0.9	0.9
FAILED TO YIELD	0.0	100.0	100.0	2.7	8.0	10.7
DRINKING	0.0	0.0	0.0	0.0	0.9	0.9
DRUGS	0.0	0.0	0.0	0.0	0.0	0.0
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	1.8	0.0	1.8
INATTENTION	0.0	0.0	0.0	19.6	13.4	32.1

¹This table identifies the percentage of hazardous material crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the driver of the vehicle carrying hazardous materials or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2010 Missouri hazardous material crashes, it was found that the driver of a vehicle carrying hazardous materials was speeding in 9.8% of the crashes. In 10.7% of the crashes another driver was speeding. In 20.5% of the crashes either the driver of the vehicle carrying hazardous materials, another driver, or both drivers were speeding.

TABLE 3.11.14

VEHICLES CARRYING HAZARDOUS MATERIALS IN 2010 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	0	0.0	0	0.0	0	0.0
KNOWN DRIVER INVOLVED	1	100.0	30	100.0	81	100.0	112	100.0
UNKNOWN DRIVER INVOLVED	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.15

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2010 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	1	100.0	30	100.0	76	93.8	107	95.5
FEMALE	0	0.0	0	0.0	5	6.2	5	4.5
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.16

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2010 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	25.0	-	46.0	-	46.8	-	46.4	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
21 - 25 YEARS	1	100.0	2	6.7	0	0.0	3	2.7
26 - 30 YEARS	0	0.0	2	6.7	7	8.6	9	8.0
31 - 35 YEARS	0	0.0	2	6.7	7	8.6	9	8.0
36 - 40 YEARS	0	0.0	0	0.0	11	13.6	11	9.8
41 - 45 YEARS	0	0.0	6	20.0	13	16.1	19	17.0
46 - 50 YEARS	0	0.0	6	20.0	16	19.8	22	19.6
51 - 55 YEARS	0	0.0	8	26.7	11	13.6	19	17.0
56 - 60 YEARS	0	0.0	2	6.7	10	12.4	12	10.7
61 - 65 YEARS	0	0.0	2	6.7	2	2.5	4	3.6
66 YEARS AND OVER	0	0.0	0	0.0	4	4.9	4	3.6
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.17

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2010 MISSOURI CRASHES

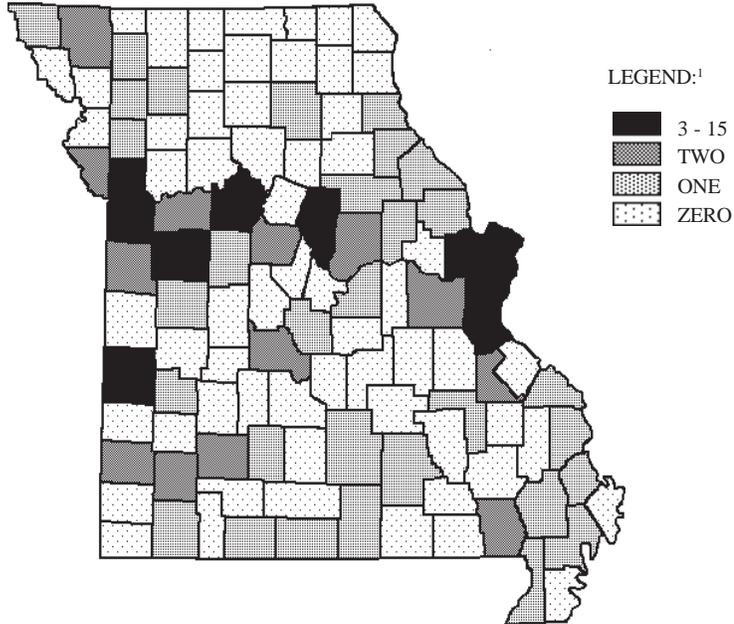
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	3	10.3	9	11.1	12	10.8
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	1	100.0	20	69.0	49	60.5	70	63.1
SUBTOTAL	1	100.0	23	79.3	58	71.6	82	73.9
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	0	0.0	1	1.2	1	0.9
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	6	20.7	22	27.2	28	25.2
SUBTOTAL	0	0.0	6	20.7	23	28.4	29	26.1
UNLICENSED	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	1	-	0	-	1	-
TOTAL	1	100.0	30	100.0	81	100.0	112	100.0

TABLE 3.11.18

2010 HAZARDOUS MATERIAL INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST LOUIS	15	13.4	17.0	NODAWAY	2	1.8
2.0	ST LOUIS CITY	9	8.0	17.0	PLATTE	2	1.8
3.0	ST CHARLES	6	5.4	17.0	ST FRANCOIS	2	1.8
4.0	JACKSON	5	4.5	----- Second Quartile -----			
5.5	JEFFERSON	4	3.6	----- Third Quartile -----			
5.5	SALINE	4	3.6	39.0	ATCHISON	1	0.9
8.5	BOONE	3	2.7	39.0	AUDRAIN	1	0.9
8.5	CLAY	3	2.7	39.0	BARRY	1	0.9
8.5	JOHNSON	3	2.7	39.0	CAPE GIRARDEAU	1	0.9
8.5	VERNON	3	2.7	39.0	CEDAR	1	0.9
----- First Quartile -----				39.0	CLINTON	1	0.9
----- Second Quartile -----				39.0	DAVISS	1	0.9
17.0	BUTLER	2	1.8	39.0	DE KALB	1	0.9
17.0	CALLAWAY	2	1.8	39.0	DUNKLIN	1	0.9
17.0	CAMDEN	2	1.8	39.0	GENTRY	1	0.9
17.0	CASS	2	1.8	39.0	HENRY	1	0.9
17.0	COOPER	2	1.8	39.0	HOWELL	1	0.9
17.0	FRANKLIN	2	1.8	39.0	IRON	1	0.9
17.0	GREENE	2	1.8	39.0	LINCOLN	1	0.9
17.0	JASPER	2	1.8	39.0	MACON	1	0.9
17.0	LAFAYETTE	2	1.8	39.0	MARION	1	0.9
17.0	LAWRENCE	2	1.8	39.0	MILLER	1	0.9

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
39.0	MONTGOMERY	1	0.9	85.0	HOWARD	0	0
39.0	NEW MADRID	1	0.9	85.0	KNOX	0	0
39.0	OSAGE	1	0.9	85.0	LACLEDE	0	0
39.0	OZARK	1	0.9	85.0	LEWIS	0	0
39.0	PERRY	1	0.9	85.0	LINN	0	0
39.0	PETTIS	1	0.9	85.0	LIVINGSTON	0	0
39.0	PIKE	1	0.9	85.0	MC DONALD	0	0
39.0	RALLS	1	0.9	85.0	MADISON	0	0
39.0	SCOTT	1	0.9	85.0	MARIES	0	0
39.0	SHANNON	1	0.9	85.0	MERCER	0	0
39.0	STODDARD	1	0.9	85.0	MISSISSIPPI	0	0
39.0	TANEY	1	0.9	85.0	MONITEAU	0	0
39.0	TEXAS	1	0.9	85.0	MONROE	0	0
39.0	WEBSTER	1	0.9	85.0	MORGAN	0	0
			Third Quartile	85.0	NEWTON	0	0
			Fourth Quartile	85.0	OREGON	0	0
85.0	ADAIR	0	0	85.0	PEMISCOT	0	0
85.0	ANDREW	0	0	85.0	PHELPS	0	0
85.0	BARTON	0	0	85.0	POLK	0	0
85.0	BATES	0	0	85.0	PULASKI	0	0
85.0	BENTON	0	0	85.0	PUTNAM	0	0
85.0	BOLLINGER	0	0	85.0	RANDOLPH	0	0
85.0	BUCHANAN	0	0	85.0	RAY	0	0
85.0	CALDWELL	0	0	85.0	REYNOLDS	0	0
85.0	CARROLL	0	0	85.0	RIPLEY	0	0
85.0	CARTER	0	0	85.0	ST CLAIR	0	0
85.0	CHARITON	0	0	85.0	STE GENEVIEVE	0	0
85.0	CHRISTIAN	0	0	85.0	SCHUYLER	0	0
85.0	CLARK	0	0	85.0	SCOTLAND	0	0
85.0	COLE	0	0	85.0	SHELBY	0	0
85.0	CRAWFORD	0	0	85.0	STONE	0	0
85.0	DADE	0	0	85.0	SULLIVAN	0	0
85.0	DALLAS	0	0	85.0	WARREN	0	0
85.0	DENT	0	0	85.0	WASHINGTON	0	0
85.0	DOUGLAS	0	0	85.0	WAYNE	0	0
85.0	GASCONADE	0	0	85.0	WORTH	0	0
85.0	GRUNDY	0	0	85.0	WRIGHT	0	0
85.0	HARRISON	0	0				
85.0	HICKORY	0	0				
85.0	HOLT	0	0				

TABLE 3.11.18

2010 HAZARDOUS MATERIAL INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT¹
1.0	ST. LOUIS	9	19.1
2.0	KANSAS CITY	3	6.4
5.0	BRIDGETON	2	4.3
5.0	CHESTERFIELD	2	4.3
5.0	INDEPENDENCE	2	4.3
5.0	ST. CHARLES	2	4.3
5.0	ST. PETERS	2	4.3
20.0	ALBANY	1	2.1
20.0	BERKELY	1	2.1
20.0	BLUE SPRINGS	1	2.1
20.0	BOONVILLE	1	2.1
20.0	CAMERON	1	2.1
20.0	EUREKA	1	2.1
20.0	FARMINGTON	1	2.1
20.0	FENTON	1	2.1
20.0	JASPER	1	2.1
20.0	KEARNEY	1	2.1
20.0	LEE'S SUMMIT	1	2.1
20.0	LIBERTY	1	2.1
20.0	NEVADA	1	2.1
20.0	OVERLAND	1	2.1
20.0	PACIFIC	1	2.1
20.0	PECULIAR	1	2.1
20.0	POPLAR BLUFF	1	2.1
20.0	SCOTT CITY	1	2.1
20.0	TOWN AND COUNTRY	1	2.1
20.0	WARRENSBURG	1	2.1
20.0	WASHINGTON	1	2.1
20.0	WENTZVILLE	1	2.1
20.0	WINONA	1	2.1
20.0	WOODSON TERRACE	1	2.1

¹Percentage is based on hazardous material involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 1.8% or more of these crashes are listed.

TABLE 3.11.20

3.12 CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT

This section presents a series of data displays which identify construction / other work zone involvement in Missouri's traffic crash experience. Construction / other work zone crashes are defined as any traffic crash where one or more of the traffic controls associated with the incident was a construction or other work zone. Data displays are provided which describe characteristics of the incidents as well as all vehicles and drivers directly associated with the traffic crashes.

2010 SUMMARY ANALYSIS

- Of all 2010 Missouri traffic crashes, 1.7% involved construction / other work zones. Of all fatal traffic crashes, 1.8% were construction / other work zone related. A total of 15 people were killed and 1,033 were injured in traffic crashes involving construction / other work zones.
- In 2010, one person was killed or injured in construction / other work zone involved traffic crashes every 8.4 hours in the State of Missouri.
- Of all 2010 construction / other work zone traffic crashes, the first harmful event in 75.0% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 13.7% of the cases, the first harmful event was a motor vehicle in transport striking a fixed object.
- Of all 2010 construction / other work zone traffic crashes, 59.6% occurred in urban areas and 40.4% occurred in rural areas of the State.
- Of all 2010 construction / other work zone traffic crashes, 38.6% occurred on an interstate highway.
- Of all vehicles in construction / other work zone traffic crashes, 47.2% were automobiles, 16.5% were pickup trucks, 17.1% were sport utility vehicles, and 10.1% were other types of trucks.
- Of the drivers in 2010 construction / other work zone related traffic crashes, 61.1% were male and 38.9% were female. The average age of the driver was 40.5 years.
- Of the drivers, 82.1% had a Missouri driver's license, 15.8% had an out-of-state driver's license, and 2.0% were unlicensed at the time of the crash.

2010 MISSOURI TRAFFIC CRASHES

CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹	
									KILLED	INJURED
CONSTRUCTION ZONE INVOLVED	12	1.5	566	1.5	1,687	1.5	2,265	1.5	13	908
WORK ZONE INVOLVED	2	0.3	80	0.2	244	0.2	326	0.2	2	125
NO CONSTRUCTION ZONE INVOLVED / UNKNOWN ²	764	98.2	36,967	98.3	111,031	98.3	148,762	98.3	806	53,842
TOTAL	778	100.0	37,613	100.0	112,962	100.0	151,353	100.0	821	54,875

¹This statistic indicates the total number of persons killed and injured in a crash where a construction / other work zone was involved.

²Crashes were classified this way if construction or other work zone was not marked in the traffic control zone field of the crash report.

TABLE 3.12.1

2009 and 2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASH ANALYSIS

	2009	2010	RATE OF CHANGE
FATAL	11	14	+ 27.3
PERSONAL INJURY	470	646	+37.5
PROPERTY DAMAGE	1,702	1,931	+13.5
TOTAL	2,183	2,591	+18.7

TABLE 3.12.2

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

TRAFFIC CONTROL BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
CONSTRUCTION ZONE	12	85.7	566	87.6	1687	87.4	2,265	87.4
OTHER WORK ZONE	2	14.3	80	12.4	244	12.6	326	12.6
TOTAL	14	100.0	646	100.0	1,931	100.0	2,591	100.0

TABLE 3.12.3

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	3	0.5	29	1.5	32	1.2
BICYCLIST	0	0.0	3	0.5	0	0.0	3	0.1
FIXED OBJECT	3	21.4	98	15.2	253	13.1	354	13.7
OTHER OBJECT	4	28.6	25	3.9	81	4.2	110	4.3
PEDESTRIAN	1	7.1	9	1.4	0	0.0	10	0.4
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	6	42.9	480	74.3	1,457	75.5	1,943	75.0
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	1	0.1	1	0.0
PARKED VEHICLE	0	0.0	6	0.9	56	2.9	62	2.4
NONCOLLISION OVERTURN	0	0.0	19	2.9	12	0.6	31	1.2
NONCOLLISION OTHER	0	0.0	3	0.5	42	2.2	45	1.7
TOTAL	14	100.0	646	100.0	1,931	100.0	2,591	100.0

TABLE 3.12.4

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	3	21.4	380	58.8	1,161	60.1	1,544	59.6
RURAL	11	78.6	266	41.2	770	39.9	1,047	40.4
TOTAL	14	100.0	646	100.0	1,931	100.0	2,591	100.0

TABLE 3.12.5

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	14	100.0	554	87.0	1,594	84.3	2,162	85.1
CURVE	0	0.0	83	13.0	297	15.7	380	14.9
UNKNOWN	0	-	9	-	40	-	49	-
TOTAL	14	100.0	646	100.0	1,931	100.0	2,591	100.0

TABLE 3.12.6

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	5	35.7	410	64.6	1,263	67.4	1,678	66.5
HILL	9	64.3	218	34.3	572	30.5	799	31.7
CREST	0	0.0	7	1.1	40	2.1	47	1.9
UNKNOWN	0	-	11	-	56	-	67	-
TOTAL	14	100.0	646	100.0	1,931	100.0	2,591	100.0

TABLE 3.12.7

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	12	85.7	558	87.2	1,648	86.4	2,218	86.6
WET	1	7.1	70	10.9	221	11.6	292	11.4
SNOW	1	7.1	7	1.1	25	1.3	33	1.3
ICE	0	0.0	4	0.6	6	0.3	10	0.4
SLUSH	0	0.0	1	0.2	2	0.1	3	0.1
MUD	0	0.0	0	0.0	3	0.2	3	0.1
STANDING WATER	0	0.0	0	0.0	2	0.1	2	0.1
MOVING WATER	0	0.0	0	0.0	1	0.1	1	0.0
UNKNOWN	0	-	6	-	23	-	29	-
TOTAL	14	100.0	646	100.0	1,931	100.0	2,591	100.0

TABLE 3.12.8

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	9	64.3	248	38.4	742	38.4	999	38.6
U.S. HIGHWAY	3	21.4	109	16.9	293	15.2	405	15.6
STATE NUMBERED	1	7.1	100	15.5	242	12.5	343	13.2
SINGLE STATE LETTERED	0	0.0	19	2.9	49	2.5	68	2.6
DOUBLE STATE LETTERED	0	0.0	9	1.4	23	1.2	32	1.2
OUTER ROAD	0	0.0	6	0.9	10	0.5	16	0.6
COUNTY ROAD	0	0.0	15	2.3	44	2.3	59	2.3
CITY STREET	1	7.1	130	20.1	502	26.0	633	24.4
INTERSTATE LOOP	0	0.0	3	0.5	5	0.3	8	0.3
OTHER ¹	0	0.0	7	1.1	21	1.1	28	1.1
TOTAL	14	100.0	646	100.0	1,931	100.0	2,591	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.12.9

2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	91	3.5
FEBRUARY	71	2.7
MARCH	208	8.0
APRIL	239	9.2
MAY	230	8.9
JUNE	313	12.1
JULY	305	11.8
AUGUST	289	11.2
SEPTEMBER	287	11.1
OCTOBER	299	11.5
NOVEMBER	152	5.9
DECEMBER	107	4.1
TOTAL	2,591	100.0

TABLE 3.12.10

2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	193	7.5
MONDAY	379	14.6
TUESDAY	444	17.1
WEDNESDAY	410	15.8
THURSDAY	431	16.6
FRIDAY	469	18.1
SATURDAY	264	10.2
UNKNOWN	1	-
TOTAL	2,591	100.0

TABLE 3.12.11

2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	39	1.5
01:00A - 01:59A	38	1.5
02:00A - 02:59A	25	1.0
03:00A - 03:59A	29	1.1
04:00A - 04:59A	21	0.8
05:00A - 05:59A	21	0.8
06:00A - 06:59A	85	3.3
07:00A - 07:59A	155	6.0
08:00A - 08:59A	137	5.3
09:00A - 09:59A	140	5.4
10:00A - 10:59A	149	5.8
11:00A - 11:59A	177	6.9
NOON - 12:59P	172	6.7
01:00P - 01:59P	174	6.7
02:00P - 02:59P	189	7.3
03:00P - 03:59P	190	7.4
04:00P - 04:59P	222	8.6
05:00P - 05:59P	185	7.2
06:00P - 06:59P	87	3.4
07:00P - 07:59P	90	3.5
08:00P - 08:59P	77	3.0
09:00P - 09:59P	83	3.2
10:00P - 10:59P	58	2.2
11:00P - MIDNIGHT	42	1.6
UNKNOWN	6	--
TOTAL	2,591	100.0

TABLE 3.12.12

VEHICLES IN 2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

TYPE OF VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	8	26.7	622	48.3	1,630	46.9	2,260	47.2
SPORT UTILITY VEHICLE	4	13.3	204	15.9	612	17.6	820	17.1
LIMOUSINE	0	0.0	1	0.1	1	0.0	2	0.0
VAN	3	10.0	101	7.9	238	6.9	342	7.1
BUS	0	0.0	4	0.3	13	0.4	17	0.4
SCHOOL BUS	2	6.7	0	0.0	8	0.2	10	0.2
MOTORCYCLE	1	3.3	23	1.8	6	0.2	30	0.6
ALL TERRAIN VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
MOPED	0	0.0	1	0.1	0	0.0	1	0.0
BICYCLE	0	0.0	2	0.2	0	0.0	2	0.0
MOTOR HOME / CAMPER	0	0.0	2	0.2	2	0.1	4	0.1
FARM EQUIPMENT	0	0.0	1	0.1	1	0.0	2	0.0
CONSTRUCTION EQUIPMENT	0	0.0	3	0.2	21	0.6	24	0.5
OTHER TRANSPORT DEVICE	0	0.0	0	0.0	6	0.2	6	0.1
PICKUP TRUCK	5	16.7	215	16.7	571	16.4	791	16.5
OTHER TRUCKS	7	23.3	108	8.4	367	10.6	482	10.1
VEHICLE TYPE UNKNOWN	0	-	0	-	15	-	15	-
TOTAL	30	100.0	1,287	100.0	3,491	100.0	4,808	100.0

TABLE 3.12.13

2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY¹

FATAL CONSTRUCTION / OTHER WORK ZONE CRASHES = 14		TOTAL CONSTRUCTION / OTHER WORK ZONE CRASHES = 1,931
VEHICLE DEFECTS	0.0	2.8
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.4
IMPROPERLY STOPPED ON ROADWAY	0.0	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	14.3	12.7
IMPROPER PASSING	7.1	2.4
VIOLATION OF STOP SIGN	7.1	2.7
WRONG SIDE NOT PASSING	0.0	0.8
FOLLOWING TOO CLOSE	21.4	26.9
IMPROPER SIGNAL	0.0	0.2
IMPROPER BACKING	0.0	1.9
IMPROPER TURN	0.0	2.1
IMPROPER LANE USAGE / CHANGE	35.7	15.7
WRONG WAY ONE-WAY STREET	0.0	0.2
IMPROPER START FROM PARK	0.0	0.2
IMPROPERLY PARKED	0.0	0.2
FAILED TO YIELD	7.1	11.8
DRINKING	28.6	3.0
DRUGS	7.1	0.6
PHYSICAL IMPAIRMENT	7.1	1.8
INATTENTION	42.9	29.6

¹This table identifies the percentage of construction / other work zone crashes having a specific type of circumstance which contributed to the cause of the crash. For instance, when examining drinking involvement in 2010 Missouri fatal construction / other work zone crashes, it was found that in 28.6% of the crashes one or more drivers were drinking. In all construction / other work zone traffic crashes, 3.0% had one or more drivers who were drinking.

TABLE 3.12.14

VEHICLES IN 2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	0	0.0	0	0.0	0	0.0
KNOWN DRIVER INVOLVED	30	100.0	1,266	98.4	3,332	95.5	4,628	96.3
UNKNOWN DRIVER INVOLVED	0	0.0	21	1.6	159	4.5	180	3.7
TOTAL	30	100.0	1,287	100.0	3,491	100.0	4,808	100.0

TABLE 3.12.15

DRIVERS OF VEHICLES IN 2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	23	76.7	729	57.6	2,066	62.3	2,818	61.1
FEMALE	7	23.3	536	42.4	1,251	37.7	1,794	38.9
UNKNOWN	0	-	22	-	174	-	196	-
TOTAL	30	100.0	1,287	100.0	3,491	100.0	4,808	100.0

TABLE 3.12.16

DRIVERS OF VEHICLES IN 2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	45.7	-	39.3	-	40.9	-	40.5	-
14 YEARS AND UNDER	0	0.0	0	0.0	1	0.0	1	0.0
15 - 20 YEARS	1	3.3	164	13.0	342	10.4	507	11.0
21 - 25 YEARS	3	10.0	161	12.8	393	11.9	557	12.1
26 - 30 YEARS	3	10.0	144	11.5	376	11.4	523	11.4
31 - 35 YEARS	3	10.0	117	9.3	322	9.8	442	9.6
36 - 40 YEARS	2	6.7	132	10.5	287	8.7	421	9.2
41 - 45 YEARS	4	13.3	100	8.0	310	9.4	414	9.0
46 - 50 YEARS	2	6.7	107	8.5	334	10.1	443	9.7
51 - 55 YEARS	3	10.0	113	9.0	277	8.4	393	8.6
56 - 60 YEARS	2	6.7	73	5.8	227	6.9	302	6.6
61 - 65 YEARS	3	10.0	55	4.4	161	4.9	219	4.8
66 YEARS AND OVER	4	13.3	92	7.3	274	8.3	370	8.1
UNKNOWN	0	-	29	-	187	-	216	-
TOTAL	30	100.0	1,287	100.0	3,491	100.0	4,808	100.0

TABLE 3.12.17

DRIVERS OF VEHICLES IN 2010 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

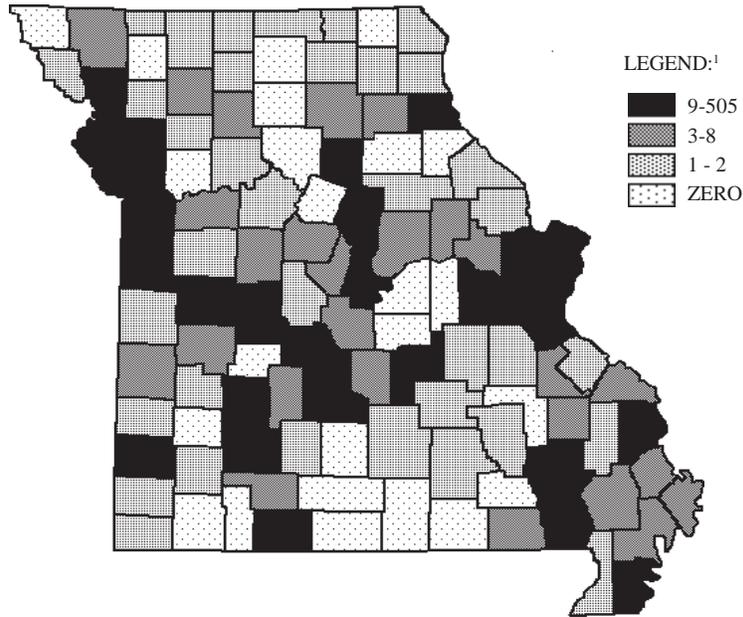
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	7	0.6	11	0.3	18	0.4
OPERATOR'S LICENSE	16	53.3	925	74.5	2,325	72.2	3,266	72.7
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	6	20.0	88	7.1	316	9.8	410	9.1
SUBTOTAL	22	73.3	1,020	82.2	2,652	82.3	3,677	82.1
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	2	6.7	138	11.1	365	11.3	505	11.2
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	5	16.7	46	3.7	156	4.8	207	4.6
SUBTOTAL	7	23.4	184	14.8	521	16.1	712	15.8
UNLICENSED	1	3.3	38	3.1	49	1.5	88	2.0
UNKNOWN	0	-	45	-	269	-	314	-
TOTAL	30	100.0	1,287	100.0	3,491	100.0	4,808	100.0

TABLE 3.12.18

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹ LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	JACKSON	505	19.5	22.0	WAYNE	14	0.5
2.0	ST LOUIS	380	14.7	23.0	TANEY	12	0.5
3.0	CLAY	234	9.0	24.5	PHELPS	11	0.4
4.0	GREENE	222	8.6	24.5	POLK	11	0.4
5.0	JEFFERSON	206	8.0	26.5	MARION	10	0.4
6.0	FRANKLIN	193	7.4	26.5	RANDOLPH	10	0.4
7.0	ST CHARLES	162	6.3	28.5	BUTLER	9	0.3
8.0	ST LOUIS CITY	76	2.9	28.5	HENRY	9	0.3
9.0	PLATE	54	2.1	30.5	MADISON	8	0.3
10.5	BUCHANAN	35	1.4				
10.5	CAMDEN	35	1.4				First Quartile
12.0	BOONE	30	1.2				
13.0	CAPE GIRARDEAU	28	1.1	30.5	SCOTT	8	0.3
14.0	BENTON	27	1.0	34.0	COOPER	7	0.3
15.0	JASPER	23	0.9	34.0	DALLAS	7	0.3
17.0	CASS	22	0.8	34.0	LIVINGSTON	7	0.3
17.0	COLE	22	0.8	34.0	MONITEAU	7	0.3
17.0	PEMISCOT	22	0.8	34.0	VERNON	7	0.3
19.0	CLINTON	18	0.7	37.0	CALLAWAY	6	0.2
20.0	ANDREW	17	0.7	41.0	MACON	5	0.2
21.0	LACLEDE	16	0.6	41.0	MILLER	5	0.2

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.0	MONTGOMERY	5	0.2	80.0	GRUNDY	1	0.0
41.0	NEW MADRID	5	0.2	80.0	HARRISON	1	0.0
41.0	PERRY	5	0.2	80.0	HOLT	1	0.0
41.0	ST FRANCOIS	5	0.2	80.0	JOHNSON	1	0.0
41.0	WARREN	5	0.2	80.0	KNOX	1	0.0
46.5	CHRISTIAN	4	0.2	80.0	LAWRENCE	1	0.0
46.5	LAFAYETTE	4	0.2	80.0	LEWIS	1	0.0
46.5	ST CLAIR	4	0.2	80.0	MC DONALD	1	0.0
46.5	SHELBY	4	0.2	80.0	MORGAN	1	0.0
52.0	DAVISS	3	0.1	80.0	PUTNAM	1	0.0
52.0	MISSISSIPPI	3	0.1	80.0	REYNOLDS	1	0.0
52.0	NODAWAY	3	0.1	80.0	SHANNON	1	0.0
52.0	PETTIS	3	0.1	80.0	WASHINGTON	1	0.0
52.0	PULASKI	3	0.1	80.0	WORTH	1	0.0
52.0	RIPLEY	3	0.1				
52.0	STODDARD	3	0.1				
-----				-----			
Second Quartile				Third Quartile			
-----				-----			
			Third Quartile	103.5	ATCHISON	0	.
62.0	BARTON	2	0.1	103.5	BARRY	0	.
62.0	BATES	2	0.1	103.5	CARTER	0	.
62.0	CARROLL	2	0.1	103.5	CHARITON	0	.
62.0	CRAWFORD	2	0.1	103.5	DADE	0	.
62.0	LINCOLN	2	0.1	103.5	DOUGLAS	0	.
62.0	MERCER	2	0.1	103.5	GASCONADE	0	.
62.0	NEWTON	2	0.1	103.5	GENTRY	0	.
62.0	PIKE	2	0.1	103.5	HICKORY	0	.
62.0	STE GENEVIEVE	2	0.1	103.5	HOWARD	0	.
62.0	SALINE	2	0.1	103.5	HOWELL	0	.
62.0	SCHUYLER	2	0.1	103.5	IRON	0	.
62.0	TEXAS	2	0.1	103.5	LINN	0	.
62.0	WEBSTER	2	0.1	103.5	MARIES	0	.
80.0	ADAIR	1	0.0	103.5	MONROE	0	.
80.0	AUDRAIN	1	0.0	103.5	OREGON	0	.
80.0	BOLLINGER	1	0.0	103.5	OSAGE	0	.
80.0	CALDWELL	1	0.0	103.5	OZARK	0	.
80.0	CEDAR	1	0.0	103.5	RALLS	0	.
80.0	CLARK	1	0.0	103.5	RAY	0	.
80.0	DE KALB	1	0.0	103.5	SCOTLAND	0	.
80.0	DENT	1	0.0	103.5	STONE	0	.
80.0	DUNKLIN	1	0.0	103.5	SULLIVAN	0	.
				103.5	WRIGHT	0	.
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-----				Fourth Quartile			

TABLE 3.12.19

2010 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT¹
1.0	KANSAS CITY	406	22.7
2.0	SPRINGFIELD	210	11.7
3.0	MARYLAND HEIGHTS	97	5.4
4.0	NORTH KANSAS CITY	94	5.2
5.0	LEE'S SUMMIT	80	4.5
6.0	ST. LOUIS	76	4.2
7.0	ST. PETERS	56	3.1
8.0	KEARNEY	45	2.5
9.0	GRANDVIEW	43	2.4
10.0	UNION	42	2.3
11.0	ST. CHARLES	39	2.2
12.0	PEVELY	36	2.0
13.0	PACIFIC	35	2.0
14.0	ST. JOSEPH	33	1.8
15.0	OSAGE BEACH	30	1.7
16.0	INDEPENDENCE	24	1.3
17.0	JEFFERSON CITY	22	1.2
18.0	TOWN AND COUNTRY	19	1.1
19.5	BRIDGETON	18	1.0
19.5	JENNINGS	18	1.0

¹Percentage is based on construction / other work zone involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 1.0% or more of these crashes are listed.

TABLE 3.12.20

3.13 SEAT BELT USAGE

This section presents a series of data displays identifying the seat belt usage rates of drivers and injured passengers in automobiles, trucks, vans, and motor homes in Missouri traffic crashes. Most of the data displays focus on only the driver. Data on the seat belt usage rates of both injured and uninjured drivers were available for analysis. In the case of passengers, data were only available for those injured in the traffic crash. Injured passenger seat belt usage rates are not indicative of seat belt usage rates of all passengers in traffic crashes.

There are other limitations to the data presented in this section. In a large number of cases, driver and injured passenger seat belt usage information was not reported by the investigating officer. In the following data displays, the number of cases where seat belt usage information was not known is presented but excluded when calculating seat belt usage rates (Row %).

In addition, in cases where the investigating officer does report driver and injured passenger seat belt use, the officer is relying on the word of the person in most instances.

As a result of these limiting factors, it is expected that the actual seat belt usage rates in Missouri's 2010 traffic crashes are somewhat less than the findings in this section would indicate. These limiting factors should be taken into consideration when viewing these statistics.

2010 SUMMARY ANALYSIS

- Of the drivers of automobiles, trucks, vans, and motor homes killed in 2010 Missouri traffic crashes, 32.3% were wearing seat belts. Of the passengers killed in these types of vehicles, 36.8% wore their seat belt. For drivers involved in traffic crashes not killed or injured, 97.3% were wearing their seat belt at the time of the crash.
- Of those drivers totally ejected from their vehicle, 3.6% were wearing their seat belts. Of those partially ejected, 56.9% were wearing seat belts. Of those not ejected, 95.9% were wearing seat belts.
- Of Missouri licensed drivers in 2010 traffic crashes, 95.8% were wearing seat belts compared to 97.9% of drivers licensed in other states. Of all unlicensed drivers, 80.0% were wearing seat belts at the time of the crash.

2010 MISSOURI TRAFFIC CRASHES

DRIVERS AND PASSENGERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

PERSONAL INJURY SEVERITY BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
KILLED								
DRIVER	146		306		37		489	
ROW %	32.3		67.7		-		100.0	
PASSENGER	50		86		9		145	
ROW %	36.8		63.2		-		100.0	
MAJOR DISABLING INJURY								
DRIVER	2,098		1,022		340		3,460	
ROW %	67.2		32.8		-		100.0	
PASSENGER	812		576		139		1,527	
ROW %	58.5		41.5		-		100.0	
EVIDENT INJURY								
DRIVER	9,702		2,069		1,294		13,065	
ROW %	82.4		17.6		-		100.0	
PASSENGER	3,766		1,184		546		5,496	
ROW %	76.1		23.9		-		100.0	
PROBABLE INJURY								
DRIVER	15,356		970		1,502		17,828	
ROW %	94.1		5.9		-		100.0	
PASSENGER	7,050		705		802		8,557	
ROW %	90.9		9.1		-		100.0	
NOT INJURED								
DRIVER	175,459		4,800		19,480		199,739	
ROW %	97.3		2.7		-		100.0	
PASSENGER	73,823		3,062		6,301		83,186	
ROW %	96.0		4.0		-		100.0	
INJURY UNKNOWN								
DRIVER	963		86		13,854		14,903	
ROW %	91.8		8.2		-		100.0	
PASSENGER	451		42		497		990	
ROW %	91.5		8.5		-		100.0	

TABLE 3.13.1

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

AREA CLASSIFICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
URBAN <i>ROW %</i>	139,492	97.1	4,090	2.9	29,037	-	172,619 <i>100.0</i>
RURAL <i>ROW %</i>	64,232	92.6	5,163	7.4	7,470	-	76,865 <i>100.0</i>
TOTAL <i>ROW %</i>	203,724	95.7	9,253	4.3	36,507	-	249,484 <i>100.0</i>

TABLE 3.13.2

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

WEATHER CONDITIONS BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
CLEAR <i>ROW %</i>	126,637	95.6	5,843	4.4	23,959	-	156,439 <i>100.0</i>
CLOUDY <i>ROW %</i>	49,582	95.4	2,395	4.6	6,540	-	58,517 <i>100.0</i>
RAIN <i>ROW %</i>	13,135	96.7	441	3.3	2,706	-	16,282 <i>100.0</i>
SNOW <i>ROW %</i>	7,099	96.6	253	3.4	1,467	-	8,819 <i>100.0</i>
SLEET <i>ROW %</i>	534	93.8	35	6.2	100	-	669 <i>100.0</i>
FREEZING <i>ROW %</i>	1,809	95.3	89	4.7	423	-	2,321 <i>100.0</i>
FOG OR MIST <i>ROW %</i>	1302	93.7	87	6.3	279	-	1,668 <i>100.0</i>
INDETERMINATE <i>ROW %</i>	1,723	97.1	51	2.9	852	-	2,626 <i>100.0</i>
UNKNOWN <i>ROW %</i>	1903	97.9	59	2.1	181	-	2,143 <i>100.0</i>
TOTAL <i>ROW %</i>	203,724	95.7	9,253	4.3	36,233	-	248,198 <i>100.0</i>

TABLE 3.13.3

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

HIGHWAY CLASSIFICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL
INTERSTATE <i>ROW %</i>	27,354 97.5		696 2.5		4,065 -		32,115 100.0
U.S. HIGHWAY <i>ROW %</i>	22,418 95.5		1,061 4.5		2,001 -		25,480 100.0
STATE NUMBERED <i>ROW %</i>	33,329 95.3		1,657 4.7		2,971 -		37,957 100.0
SINGLE STATE LETTERED <i>ROW %</i>	9,418 91.0		931 9.0		735 -		11,084 100.0
DOUBLE STATE LETTERED <i>ROW %</i>	4,354 92.6		350 7.4		488 -		5,192 100.0
OUTER ROAD <i>ROW %</i>	1,585 96.5		58 3.5		181 -		1,824 100.0
COUNTY ROAD <i>ROW %</i>	12,789 90.6		1,334 9.4		1,900 -		16,023 100.0
CITY STREET <i>ROW %</i>	86,910 96.8		2,912 3.2		22,883 -		112,705 100.0
INTERSTATE LOOP <i>ROW %</i>	603 96.5		22 3.5		64 -		689 100.0
OTHER ¹ <i>ROW %</i>	4,964 95.5		232 4.5		1,219 -		6,413 100.0
TOTAL <i>ROW %</i>	203,722 95.7		9,253 4.3		36,509 -		249,484 100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.13.4

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

MONTH OF YEAR BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
JANUARY	17,244		760		3,208		21,212	
<i>ROW %</i>		<i>95.8</i>		<i>4.2</i>		<i>-</i>		<i>100.0</i>
FEBRUARY	15,596		691		2,793		19,080	
<i>ROW %</i>		<i>95.8</i>		<i>4.2</i>		<i>-</i>		<i>100.0</i>
MARCH	15,887		719		2,931		19,537	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>		<i>-</i>		<i>100.0</i>
APRIL	16,649		760		3,028		20,437	
<i>ROW %</i>		<i>95.6</i>		<i>4.4</i>		<i>-</i>		<i>100.0</i>
MAY	16,971		756		3,110		22,837	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>		<i>-</i>		<i>100.0</i>
JUNE	16,762		781		3,001		20,544	
<i>ROW %</i>		<i>95.5</i>		<i>4.5</i>		<i>-</i>		<i>100.0</i>
JULY	16,671		766		3,160		20,597	
<i>ROW %</i>		<i>95.6</i>		<i>4.4</i>		<i>-</i>		<i>100.0</i>
AUGUST	16,351		790		2,922		20,063	
<i>ROW %</i>		<i>95.4</i>		<i>4.6</i>		<i>-</i>		<i>100.0</i>
SEPTEMBER	17,465		789		3,178		21,432	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>		<i>-</i>		<i>100.0</i>
OCTOBER	18,203		860		3,187		22,250	
<i>ROW %</i>		<i>95.5</i>		<i>4.5</i>		<i>-</i>		<i>100.0</i>
NOVEMBER	17,592		821		2,898		21,311	
<i>ROW %</i>		<i>95.5</i>		<i>4.5</i>		<i>-</i>		<i>100.0</i>
DECEMBER	18,333		760		3,091		22,184	
<i>ROW %</i>		<i>96.0</i>		<i>4.0</i>		<i>-</i>		<i>100.0</i>
TOTAL	203,724		9,253		36,507		249,484	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>		<i>-</i>		<i>100.0</i>

TABLE 3.13.5

2010 MISSOURI TRAFFIC CRASHES
DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES
DAY OF WEEK BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
SUNDAY	18,002		1,077		4,103		23,182	
<i>ROW %</i>		<i>94.4</i>		<i>5.6</i>		<i>-</i>		<i>100.0</i>
MONDAY	28,603		1,251		4,851		34,705	
<i>ROW %</i>		<i>95.8</i>		<i>4.2</i>		<i>-</i>		<i>100.0</i>
TUESDAY	30,657		1,231		4,838		36,726	
<i>ROW %</i>		<i>96.1</i>		<i>3.9</i>		<i>-</i>		<i>100.0</i>
WEDNESDAY	33,005		1,326		5,275		39,606	
<i>ROW %</i>		<i>96.1</i>		<i>3.9</i>		<i>-</i>		<i>100.0</i>
THURSDAY	31,225		1,340		5,364		37,929	
<i>ROW %</i>		<i>95.9</i>		<i>4.1</i>		<i>-</i>		<i>100.0</i>
FRIDAY	38,046		1,644		6,626		46,316	
<i>ROW %</i>		<i>95.9</i>		<i>4.1</i>		<i>-</i>		<i>100.0</i>
SATURDAY	24,175		1,384		5,401		30,960	
<i>ROW %</i>		<i>94.6</i>		<i>5.4</i>		<i>-</i>		<i>100.0</i>
UNKNOWN	11		0		49		60	
<i>ROW %</i>		<i>100.0</i>		<i>0.0</i>		<i>-</i>		<i>100.0</i>
TOTAL	203,724		9,253		36,507		249,484	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>		<i>-</i>		<i>100.0</i>

TABLE 3.13.6

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

HOUR OF DAY BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
12:01A - 02:59A <i>ROW %</i>	5,641	87.3	819	12.7	2,755	-	9,215 <i>100.0</i>
03:00A - 05:59A <i>ROW %</i>	3,887	90.7	396	9.3	1,329	-	5,612 <i>100.0</i>
06:00A - 08:59A <i>ROW %</i>	26,702	96.5	982	3.5	3,694	-	31,378 <i>100.0</i>
09:00A - 11:59A <i>ROW %</i>	28,793	96.2	1,150	3.8	4,196	-	34,139 <i>100.0</i>
NOON - 02:59P <i>ROW %</i>	42,192	96.4	1,565	3.6	6,399	-	50,156 <i>100.0</i>
03:00P - 05:59P <i>ROW %</i>	57,971	96.6	2,049	3.4	8,946	-	68,966 <i>100.0</i>
06:00P - 08:59P <i>ROW %</i>	25,463	95.2	1,283	4.8	5,222	-	31,968 <i>100.0</i>
09:00P - MIDNGT <i>ROW %</i>	12,828	93.0	963	7.0	3,549	-	17,340 <i>100.0</i>
UNKNOWN <i>ROW %</i>	247	84.3	46	15.7	417	-	710 <i>100.0</i>
TOTAL <i>ROW %</i>	203,724	95.7	9,253	4.3	36,507	-	249,484 <i>100.0</i>

TABLE 3.13.7

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

SEX OF DRIVER BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
MALE	107,668		6,098		14,783		128,549	
<i>ROW %</i>		<i>94.6</i>		<i>5.4</i>		-		<i>100.0</i>
FEMALE	94,379		3,090		9,991		107,460	
<i>ROW %</i>		<i>96.8</i>		<i>3.2</i>		-		<i>100.0</i>
UNKNOWN	1,677		65		11,733		13,475	
<i>ROW %</i>		<i>96.3</i>		<i>3.7</i>		-		<i>100.0</i>
TOTAL	203,724		9,253		36,507		249,484	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>		-		<i>100.0</i>

TABLE 3.13.8

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DRIVER EJECTION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
TOTAL EJECTION	16		428		24		468	
<i>ROW %</i>		<i>3.6</i>		<i>96.4</i>		-		<i>100.0</i>
PARTIAL EJECTION	148		112		45		305	
<i>ROW %</i>		<i>56.9</i>		<i>43.1</i>		-		<i>100.0</i>
NO EJECTION	201,111		8,589		24,597		234,297	
<i>ROW %</i>		<i>95.9</i>		<i>4.1</i>		-		<i>100.0</i>
UNKNOWN	2,449		124		11,841		14,414	
<i>ROW %</i>		<i>95.2</i>		<i>4.8</i>		-		<i>100.0</i>
TOTAL	203,724		9,253		36,507		249,484	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>		-		<i>100.0</i>

TABLE 3.13.9

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

AGE OF DRIVER BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
AVERAGE AGE OF DRIVER	39.2	-	34.6	-	37.4	-	38.8	-
14 YEARS AND UNDER	41		33		12		86	
<i>ROW %</i>		<i>55.4</i>		<i>44.6</i>		<i>-</i>		<i>100.0</i>
15 - 20 YEARS	32,258		1,926		3,348		37,532	
<i>ROW %</i>		<i>94.4</i>		<i>5.6</i>		<i>-</i>		<i>100.0</i>
21 - 25 YEARS	26,690		1,706		3,547		31,943	
<i>ROW %</i>		<i>94.0</i>		<i>6.0</i>		<i>-</i>		<i>100.0</i>
26 - 30 YEARS	22,012		1,155		2,840		26,007	
<i>ROW %</i>		<i>95.0</i>		<i>5.0</i>		<i>-</i>		<i>100.0</i>
31 - 35 YEARS	17,747		817		2,232		20,796	
<i>ROW %</i>		<i>95.6</i>		<i>4.4</i>		<i>-</i>		<i>100.0</i>
36 - 40 YEARS	16,859		711		1,871		19,441	
<i>ROW %</i>		<i>96.0</i>		<i>4.0</i>		<i>-</i>		<i>100.0</i>
41 - 45 YEARS	16,046		603		1,742		18,391	
<i>ROW %</i>		<i>96.4</i>		<i>3.6</i>		<i>-</i>		<i>100.0</i>
46 - 50 YEARS	17,165		566		1,824		19,555	
<i>ROW %</i>		<i>96.8</i>		<i>3.2</i>		<i>-</i>		<i>100.0</i>
51 - 55 YEARS	15,323		464		1,586		17,373	
<i>ROW %</i>		<i>97.1</i>		<i>2.9</i>		<i>-</i>		<i>100.0</i>
56 - 60 YEARS	12,352		342		1,133		13,827	
<i>ROW %</i>		<i>97.3</i>		<i>2.7</i>		<i>-</i>		<i>100.0</i>
61 - 65 YEARS	9,224		243		801		10,268	
<i>ROW %</i>		<i>97.4</i>		<i>2.6</i>		<i>-</i>		<i>100.0</i>
66 YEARS AND OVER	17,520		585		1,484		19,589	
<i>ROW %</i>		<i>96.8</i>		<i>3.2</i>		<i>-</i>		<i>100.0</i>
UNKNOWN	487		102		14,087		14,676	
<i>ROW %</i>		<i>82.7</i>		<i>17.3</i>		<i>-</i>		<i>100.0</i>
TOTAL	203,724		9,253		36,507		249,484	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>		<i>-</i>		<i>100.0</i>

TABLE 3.13.10

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DRIVER'S LICENSE STATE AND TYPE BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
MISSOURI								
LEARNER'S PERMIT	873		53		142		1,068	
<i>ROW %</i>		<i>94.3</i>		<i>5.7</i>				<i>100.0</i>
OPERATOR'S LICENSE	162,223		6,971		16,047		185,241	
<i>ROW %</i>		<i>95.9</i>		<i>4.1</i>				<i>100.0</i>
MOTORCYCLE ONLY	7		0		0		7	
<i>ROW %</i>		<i>100.0</i>		<i>0.0</i>				<i>100.0</i>
COMMERCIAL DRIVER'S LICENSE	10,468		608		938		12,014	
<i>ROW %</i>		<i>94.5</i>		<i>5.5</i>				<i>100.0</i>
SUBTOTAL	173,571		7,632		17,127		198,330	
<i>ROW %</i>		<i>95.8</i>		<i>4.2</i>				<i>100.0</i>
OUT STATE								
LEARNER'S PERMIT	44		3		6		53	
<i>ROW %</i>		<i>93.6</i>		<i>6.4</i>				<i>100.0</i>
OPERATOR'S LICENSE	17,555		382		1,866		19,803	
<i>ROW %</i>		<i>97.9</i>		<i>2.1</i>				<i>100.0</i>
MOTORCYCLE ONLY	1		0		0		1	
<i>ROW %</i>		<i>100.0</i>		<i>0.0</i>				<i>100.0</i>
COMMERCIAL DRIVER'S LICENSE	3,291		70		278		3,639	
<i>ROW %</i>		<i>97.9</i>		<i>2.1</i>				<i>100.0</i>
SUBTOTAL	20,891		455		2,150		23,496	
<i>ROW %</i>		<i>97.9</i>		<i>2.1</i>				<i>100.0</i>
UNLICENSED	3,513		876		1,236		5,625	
<i>ROW %</i>		<i>80.0</i>		<i>20.0</i>				<i>100.0</i>
UNKNOWN	5,749		290		15,994		22,033	
<i>ROW %</i>		<i>95.2</i>		<i>4.8</i>				<i>100.0</i>
TOTAL	203,724		9,253		36,507		249,484	
<i>ROW %</i>		<i>95.7</i>		<i>4.3</i>				<i>100.0</i>

TABLE 3.13.11

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

TYPE OF VEHICLE DRIVEN BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
AUTOMOBILE <i>ROW %</i>	114,116	96.1	4,573	3.9	21,198	-	139,887	100.0
SPORT UTILITY VEHICLE <i>ROW %</i>	36,017	96.6	1,273	3.4	5,505	-	42,795	100.0
LIMOUSINE <i>ROW %</i>	60	96.8	2	3.2	11	-	73	100.0
VAN <i>ROW %</i>	13,683	97.0	420	3.0	2,179	-	16,282	100.0
MOTOR HOME / CAMPER <i>ROW %</i>	103	100.0	0	0.0	18	-	121	100.0
TRUCK <i>ROW %</i>	39,745	93.0	2,985	7.0	7,596	-	50,326	100.0
TOTAL <i>ROW %</i>	203,724	95.7	9,253	4.3	36,507	-	249,484	100.0

TABLE 3.13.12

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DRIVER INTOXICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
DRINKING <i>ROW %</i>	2,622	66.6	1,313	33.4	1,634	-	5,569	100.0
DRUGS <i>ROW %</i>	420	71.1	171	28.9	164	-	755	100.0
DRINKING AND DRUGS <i>ROW %</i>	157	53.4	137	46.6	112	-	406	100.0
NO DRINKING / DRUGS <i>ROW %</i>	197,757	96.3	7,549	3.7	32,118	-	237,424	100.0
UNKNOWN <i>ROW %</i>	2,768	97.1	83	2.9	2,479	-	5,330	100.0
TOTAL <i>ROW %</i>	203,724	95.7	9,253	4.3	36,507	-	249,484	100.0

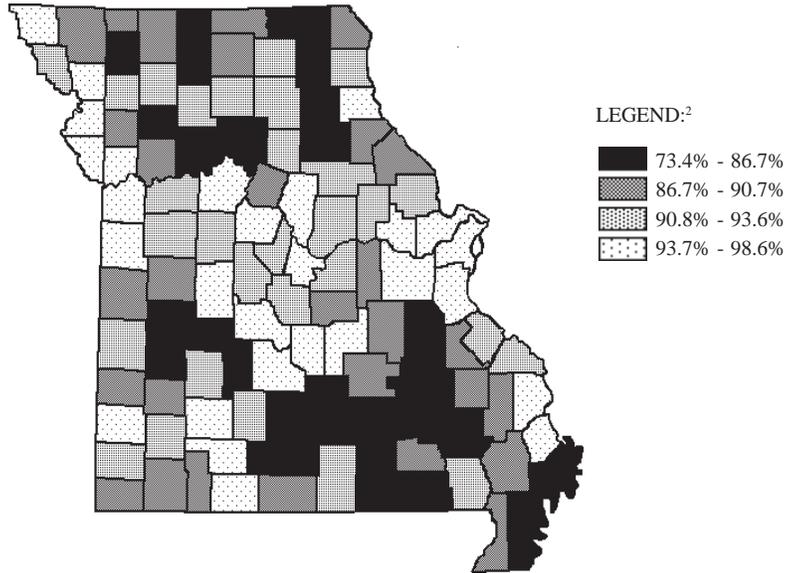
TABLE 3.13.13

2010 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

SEAT BELT USAGE RATES¹

COUNTY QUARTILE ANALYSIS



¹ LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	DRIVER USAGE RATE	RANK	COUNTY	DRIVER USAGE RATE
1.0	GENTRY	73.4	18.0	DOUGLAS	84.5
2.0	IRON	75.5	19.0	RIPLEY	84.6
3.0	KNOX	75.5	20.0	OREGON	84.8
4.0	SCHUYLER	77.3	21.0	WASHINGTON	85.5
5.0	CHARITON	77.7	22.0	CEDAR	86.0
6.0	ST CLAIR	78.4	23.0	PEMISCOT	86.1
7.0	WRIGHT	78.8	24.0	CARROLL	86.2
8.0	REYNOLDS	80.5	25.0	GRUNDY	86.2
9.0	MERCER	80.9	26.0	MONROE	86.5
10.0	SHANNON	80.9	27.0	NEW MADRID	86.6
11.0	SCOTLAND	81.1	28.0	TEXAS	86.7
12.0	WAYNE	81.2			First Quartile
13.0	MISSISSIPPI	82.0			-----
14.0	HICKORY	82.0			Second Quartile
15.0	SHELBY	83.5	29.0	DADE	86.7
16.0	CALDWELL	84.1	30.0	OZARK	86.8
17.0	DALLAS	84.2	31.0	RAY	87.3
			32.0	DENT	87.7

RANK	COUNTY	DRIVER USAGE RATE	RANK	COUNTY	DRIVER USAGE RATE
33.0	STODDARD	87.8	75.0	NEWTON	92.5
34.0	CARTER	87.9	76.0	BUTLER	92.5
35.0	PIKE	88.3	77.0	RANDOLPH	92.6
36.0	SULLIVAN	88.3	78.0	DE KALB	92.6
37.0	CRAWFORD	88.5	79.5	LIVINGSTON	92.6
38.0	BARRY	88.6	79.5	PETTIS	92.6
39.0	GASCONADE	88.6	81.0	ADAIR	92.6
40.0	MARIES	88.6	82.0	MONTGOMERY	92.9
41.0	DUNKLIN	88.9	83.0	STE GENEVIEVE	93.2
42.0	MADISON	89.0	84.0	CALLAWAY	93.4
43.0	HOWARD	89.3	85.0	PERRY	93.6
44.0	MC DONALD	89.7	86.0	JOHNSON	93.6
45.0	STONE	89.7			Third Quartile
46.5	BARTON	89.8			
46.5	NODAWAY	89.8			Fourth Quartile
48.0	BATES	90.0	87.0	SCOTT	93.7
49.5	BOLLINGER	90.3	88.0	SALINE	93.8
49.5	CLARK	90.3	89.0	ANDREW	94.4
51.0	HARRISON	90.4	90.0	BUCHANAN	94.4
52.5	CLINTON	90.4	91.0	COOPER	94.5
52.5	HENRY	90.4	92.0	PULASKI	94.8
54.0	ST FRANCOIS	90.6	93.0	BENTON	94.8
55.0	WORTH	90.6	94.0	ATCHISON	94.8
56.0	RALLS	90.7	95.0	CASS	94.8
57.0	PUTNAM	90.7	96.0	LACLEDE	94.9
		Second Quartile	97.0	BOONE	94.9
			98.0	FRANKLIN	95.0
		Third Quartile	99.0	JASPER	95.0
58.0	DAVISS	90.9	100.0	PHELPS	95.1
59.0	HOWELL	91.0	101.0	WARREN	95.3
60.0	MORGAN	91.0	102.0	JEFFERSON	95.4
61.0	MONITEAU	91.2	103.0	TANEY	95.5
62.0	MACON	91.2	104.0	CAMDEN	95.8
63.0	LAWRENCE	91.3	105.0	CHRISTIAN	95.8
64.0	LINN	91.3	106.0	COLE	95.9
65.0	WEBSTER	91.4	107.0	MARION	96.3
66.0	LEWIS	91.4	108.0	CAPE GIRARDEAU	96.5
67.0	OSAGE	91.5	109.0	JACKSON	96.5
68.0	LINCOLN	91.7	110.0	CLAY	96.9
69.0	HOLT	91.7	111.0	ST CHARLES	97.0
70.0	POLK	91.8	112.0	GREENE	97.1
71.0	AUDRAIN	91.8	113.0	PLATTE	97.7
72.0	MILLER	92.0	114.0	ST LOUIS	98.0
73.0	LAFAYETTE	92.1	115.0	ST LOUIS CITY	98.6
74.0	VERNON	92.3			

¹ This table contains a ranking of Missouri counties by the driver seat belt usage rates associated with 2010 traffic crashes. Drivers whose seat belt usage was unknown have been excluded. Counties have been ranked based upon the worst driver usage rates. (Chariton County is first due to its having the lowest usage rate of all counties in the State. Only 75.00% of the drivers involved in crashes in Chariton County were wearing seat belts).

TABLE 3.13.14

**AUTOMOBILE / TRUCK / VAN / MOTOR HOME OCCUPANTS UNDER THE AGE OF FOUR YEARS
KILLED AND INJURED IN MISSOURI TRAFFIC CRASHES**

1981-1983 AVERAGE COMPARED TO 1984-2009 AVERAGE AND 2010¹

	1981 - 1983 AVERAGE	1984 - 2009 AVERAGE	% OF CHANGE 1981 - 1983 AVERAGE	2010	% OF CHANGE 1981 - 1983 AVERAGE
KILLED	11	10	- 9.1	4	-63.6
MAJOR DISABLING	71	74	+ 4.2	44	-38.0
EVIDENT	626	430	- 31.3	209	-66.6
PROBABLE	464	492	+ 6.0	409	-11.9
TOTAL	1,172	1,005	- 14.2	666	-43.2

¹1981 - 1983 data concerning occupants under the age of four years were used as a base for this comparison due to the fact that infant restraint legislation was enacted in the State of Missouri in January of 1984.

TABLE 3.13.15

4.0 MISSOURI COUNTY AND CITY TRAFFIC CRASH ANALYSIS

A SERIES OF TABLES SUMMARIZES 2010 TRAFFIC CRASH ACTIVITY ASSOCIATED WITH ALL COUNTIES, AS WELL AS ALL CITIES HAVING POPULATIONS OF 1,000 OR MORE IN THE STATE OF MISSOURI. IN ADDITION, THE TABLES DISPLAY THE PROPORTION OF EACH COMMUNITY'S TRAFFIC CRASH ACTIVITY RELATED TO THE PROBLEM AREAS DISCUSSED IN SECTION 3.0 OF THIS COMPENDIUM WITH THE EXCEPTION OF SEAT BELT USAGE. PLEASE NOTE THAT ALL 2010 TRAFFIC CRASHES OCCURRING IN A GIVEN COMMUNITY ARE DISPLAYED REGARDLESS OF THE LAW ENFORCEMENT AGENCY THAT INVESTIGATED THE TRAFFIC CRASH.

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
ADAIR CO	FATAL	5	1	1	0	2	2	0	0	1	0	1	0	0
	INJURY	132	27	11	38	44	8	1	0	1	6	32	0	0
	DAMAGE	279	42	18	101	83	23	1	4	0	0	45	0	1
	TOTAL	416	70	30	139	129	33	2	4	2	6	78	0	1
KIRKSVILLE	FATAL	2	0	0	0	1	2	0	0	1	0	0	0	0
	INJURY	83	7	1	24	34	5	1	0	0	6	12	0	0
	DAMAGE	215	25	11	74	72	13	1	4	0	0	20	0	0
	TOTAL	300	32	12	98	107	20	2	4	1	6	32	0	0
POP UNDER 1000	FATAL	3	1	1	0	1	0	0	0	0	0	1	0	0
	INJURY	49	20	10	14	10	3	0	0	1	0	20	0	0
	DAMAGE	64	17	7	27	11	10	0	0	0	0	25	0	1
	TOTAL	116	38	18	41	22	13	0	0	1	0	46	0	1
ANDREW CO	FATAL	7	3	2	0	3	2	0	0	0	1	4	0	0
	INJURY	88	25	6	23	25	6	3	0	1	1	38	0	6
	DAMAGE	213	64	6	46	68	28	0	3	0	1	68	0	11
	TOTAL	308	92	14	69	96	36	3	3	1	3	110	0	17
COUNTRY CLUB VILLAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	0	1	0	0	0	0	0	2	0	0
	DAMAGE	21	5	0	5	9	3	0	0	0	0	4	0	3
	TOTAL	27	6	0	5	10	3	0	0	0	0	6	0	3
SAVANNAH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	1	2	6	7	0	0	0	0	1	3	0	0
	DAMAGE	63	6	0	14	28	5	0	1	0	1	6	0	0
	TOTAL	78	7	2	20	35	5	0	1	0	2	9	0	0
POP UNDER 1000	FATAL	7	3	2	0	3	2	0	0	0	1	4	0	0
	INJURY	67	23	4	17	17	6	3	0	1	0	33	0	6
	DAMAGE	129	53	6	27	31	20	0	2	0	0	58	0	8
	TOTAL	203	79	12	44	51	28	3	2	1	1	95	0	14
ATCHISON CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	35	15	2	14	8	3	1	1	0	1	10	0	0
	DAMAGE	76	18	5	14	21	14	0	0	0	0	25	1	0
	TOTAL	111	33	7	28	29	17	1	1	0	1	35	1	0
ROCKPORT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	8	0	0	0	6	3	0	0	0	0	2	0	0
	TOTAL	9	0	0	0	7	3	0	0	0	0	2	0	0
TARKIO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	3	0	4	2	0	0	0	0	1	0	0	0
	DAMAGE	9	1	0	3	3	1	0	0	0	0	1	0	0
	TOTAL	16	4	0	7	5	1	0	0	0	1	1	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	12	2	10	5	3	1	1	0	0	10	0	0
	DAMAGE	59	17	5	11	12	10	0	0	0	0	22	1	0
	TOTAL	86	29	7	21	17	13	1	1	0	0	32	1	0
AUDRAIN CO	FATAL	7	4	2	1	2	0	0	0	0	1	3	0	0
	INJURY	110	29	7	33	29	11	4	0	2	7	47	1	1
	DAMAGE	337	66	8	91	110	34	2	2	0	0	79	0	0
	TOTAL	454	99	17	125	141	45	6	2	2	8	129	1	1
MEXICO	FATAL	2	0	0	0	0	0	0	0	0	1	0	0	0
	INJURY	41	6	3	13	12	1	2	0	2	5	8	0	1
	DAMAGE	203	17	5	60	76	12	2	0	0	0	26	0	0
	TOTAL	246	23	8	73	88	13	4	0	2	6	34	0	1
VANDALIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	2	2	0	0	0	0	1	1	0	0
	DAMAGE	21	4	0	8	10	4	0	1	0	0	5	0	0
	TOTAL	26	5	0	10	12	4	0	1	0	1	6	0	0
POP UNDER 1000	FATAL	5	4	2	1	2	0	0	0	0	0	3	0	0
	INJURY	64	22	4	18	15	10	2	0	0	1	38	1	0
	DAMAGE	113	45	3	23	24	18	0	1	0	0	48	0	0
	TOTAL	182	71	9	42	41	28	2	1	0	1	89	1	0
BARRY CO	FATAL	7	3	3	3	2	0	0	0	0	0	3	0	0
	INJURY	191	59	28	38	50	12	15	1	2	4	78	0	0
	DAMAGE	447	107	41	99	147	45	6	3	1	0	134	1	0
	TOTAL	645	169	72	140	199	57	21	4	3	4	215	1	0
CASSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	2	0	4	1	0	0	0	0	1	1	0	0
	DAMAGE	47	3	1	11	26	11	0	1	0	0	1	0	0
	TOTAL	55	5	1	15	27	11	0	1	0	1	2	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
MONETT/BAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	6	4	6	8	1	2	0	0	1	8	0	0
	DAMAGE	119	8	8	27	46	8	1	1	0	0	19	0	0
	TOTAL	143	14	12	33	54	9	3	1	0	1	27	0	0
PURDY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	2	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	5	2	0	0	1	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	7	3	3	3	2	0	0	0	0	0	3	0	0
	INJURY	159	51	24	28	41	11	13	1	2	2	69	0	0
	DAMAGE	276	94	32	61	74	26	5	1	1	0	114	1	0
	TOTAL	442	148	59	92	117	37	18	2	3	2	186	1	0
BARTON CO	FATAL	3	1	0	1	1	1	0	0	0	0	1	0	0
	INJURY	49	12	3	18	11	0	2	0	0	0	25	0	0
	DAMAGE	151	25	6	36	46	20	1	2	0	0	40	0	2
	TOTAL	203	38	9	55	58	21	3	2	0	0	66	0	2
LAMAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	0	1	3	0	0	0	0	0	0	0	0
	DAMAGE	53	4	3	7	26	5	0	0	0	0	6	0	0
	TOTAL	61	4	3	8	29	5	0	0	0	0	6	0	0
POP UNDER 1000	FATAL	3	1	0	1	1	1	0	0	0	0	1	0	0
	INJURY	41	12	3	17	8	0	2	0	0	0	25	0	0
	DAMAGE	98	21	3	29	20	15	1	2	0	0	34	0	2
	TOTAL	142	34	6	47	29	16	3	2	0	0	60	0	2
BATES CO	FATAL	3	2	2	0	0	2	0	0	0	0	1	0	0
	INJURY	79	24	13	26	27	5	5	0	0	2	41	0	0
	DAMAGE	249	62	16	43	73	40	1	4	0	0	85	0	2
	TOTAL	331	88	31	69	100	47	6	4	0	2	127	0	2
ADRIAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	14	0	0	4	6	1	0	0	0	0	1	0	0
	TOTAL	15	0	0	4	6	1	0	0	0	0	1	0	0
BUTLER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	3	3	11	8	1	0	0	0	2	7	0	0
	DAMAGE	64	8	3	14	25	6	1	3	0	0	12	0	0
	TOTAL	87	11	6	25	33	7	1	3	0	2	19	0	0
DREXEL/BAT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	1	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	1	0	0	0	0	0	0	0
RICH HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	5	0	0	1	1	2	0	0	0	0	1	0	0
	TOTAL	6	0	0	2	1	2	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	3	2	2	0	0	2	0	0	0	0	1	0	0
	INJURY	54	21	10	14	19	4	5	0	0	0	34	0	0
	DAMAGE	165	54	13	24	40	30	0	1	0	0	71	0	2
	TOTAL	222	77	25	38	59	36	5	1	0	0	106	0	2
BENTON CO	FATAL	5	1	1	1	2	0	2	0	0	0	3	0	0
	INJURY	88	25	12	14	34	8	8	0	0	1	34	0	7
	DAMAGE	261	49	12	55	100	18	3	1	0	0	82	0	20
	TOTAL	354	75	25	70	136	26	13	1	0	1	119	0	27
COLE CAMP	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	2	1	0	0	0	0	0	0	0	2	0	0
	DAMAGE	14	1	0	2	9	2	0	0	0	0	1	0	2
	TOTAL	17	3	1	2	9	2	0	0	0	0	3	0	2
LINCOLN	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	5	0	0	1	3	2	0	0	0	0	1	0	4
	DAMAGE	14	1	0	4	7	1	0	0	0	0	1	0	5
	TOTAL	20	1	0	5	11	3	0	0	0	0	3	0	9
WARSAW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	0	2	2	0	0	0	0	0	2	0	0
	DAMAGE	31	2	0	2	19	1	0	0	0	0	5	0	0
	TOTAL	38	4	0	4	21	1	0	0	0	0	7	0	0
POP UNDER 1000	FATAL	4	1	1	1	1	0	2	0	0	0	2	0	0
	INJURY	73	21	11	11	29	6	8	0	0	1	29	0	3
	DAMAGE	202	45	12	47	65	14	3	1	0	0	75	0	13
	TOTAL	279	67	24	59	95	20	13	1	0	1	106	0	16

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
BOLLINGER CO	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	51	13	5	11	9	5	1	1	0	4	22	0	0
	DAMAGE	115	37	11	26	24	5	1	0	0	0	45	0	1
	TOTAL	167	50	16	37	33	10	2	1	0	4	67	0	1
MARBLE HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	0	0	0	0	0	0	2	0	0	0
	DAMAGE	30	4	1	11	8	1	0	0	0	0	5	0	1
	TOTAL	36	4	1	11	8	1	0	0	0	2	5	0	1
POP UNDER 1000	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	45	13	5	11	9	5	1	1	0	2	22	0	0
	DAMAGE	85	33	10	15	16	4	1	0	0	0	40	0	0
	TOTAL	131	46	15	26	25	9	2	1	0	2	62	0	0
BOONE CO	FATAL	11	5	7	0	3	0	2	0	0	1	6	0	0
	INJURY	824	157	76	244	209	52	33	3	29	36	173	1	9
	DAMAGE	1,801	320	114	517	412	146	7	8	5	7	427	2	21
	TOTAL	2,636	482	197	761	624	198	42	11	34	44	606	3	30
ASHLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	3	0	2	2	0	1	0	0	1	4	0	0
	DAMAGE	37	12	3	10	7	1	0	0	0	0	14	0	0
	TOTAL	44	15	3	12	9	1	1	0	0	1	18	0	0
CENTRALIA/BOO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	2	1	0	0	0	0	1	0	0
	DAMAGE	42	7	0	9	15	3	1	0	0	0	3	0	0
	TOTAL	46	8	0	10	17	4	1	0	0	0	4	0	0
COLUMBIA	FATAL	2	1	1	0	0	0	2	0	0	0	1	0	0
	INJURY	620	83	45	193	159	34	19	3	28	31	84	0	8
	DAMAGE	1,225	158	86	389	268	79	5	4	5	7	226	0	9
	TOTAL	1,847	242	132	582	427	113	26	7	33	38	311	0	17
POP UNDER 1000	FATAL	9	4	6	0	3	0	0	0	0	1	5	0	0
	INJURY	193	70	31	48	46	17	13	0	1	4	84	1	1
	DAMAGE	497	143	25	109	122	63	1	4	0	0	184	2	12
	TOTAL	699	217	62	157	171	80	14	4	1	5	273	3	13
BUCHANAN CO	FATAL	5	1	1	0	1	1	1	1	0	2	1	0	0
	INJURY	756	100	51	229	212	70	42	3	9	19	136	0	13
	DAMAGE	1,978	293	69	503	543	249	5	7	1	2	372	0	22
	TOTAL	2,739	394	121	732	756	320	48	11	10	23	509	0	35
GOWER/BUC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	2	0	0	0	0	0	0	0	0	0
	DAMAGE	4	2	0	0	1	0	0	0	0	0	1	0	0
	TOTAL	6	3	0	2	1	0	0	0	0	0	1	0	0
ST. JOSEPH	FATAL	3	1	1	0	1	1	0	1	0	1	1	0	0
	INJURY	657	68	38	200	192	55	34	1	9	19	87	0	12
	DAMAGE	1,770	203	65	457	483	226	4	7	1	2	285	0	21
	TOTAL	2,430	272	104	657	676	282	38	9	10	22	373	0	33
POP UNDER 1000	FATAL	2	0	0	0	0	0	1	0	0	1	0	0	0
	INJURY	97	31	13	27	20	15	8	2	0	0	49	0	1
	DAMAGE	204	88	4	46	59	23	1	0	0	0	86	0	1
	TOTAL	303	119	17	73	79	38	10	2	0	1	135	0	2
BUTLER CO	FATAL	6	1	1	1	3	0	0	0	0	0	3	0	0
	INJURY	366	56	34	111	105	15	14	0	4	13	82	0	5
	DAMAGE	942	84	33	238	332	56	5	8	0	3	140	2	4
	TOTAL	1,314	141	68	350	440	71	19	8	4	16	225	2	9
POPLAR BLUFF	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	208	10	12	65	64	4	10	0	4	8	19	0	1
	DAMAGE	679	33	17	180	258	36	2	6	0	3	63	1	1
	TOTAL	887	43	29	245	322	40	12	6	4	11	82	1	2
POP UNDER 1000	FATAL	6	1	1	1	3	0	0	0	0	0	3	0	0
	INJURY	158	46	22	46	41	11	4	0	0	5	63	0	4
	DAMAGE	263	51	16	58	74	20	3	2	0	0	77	1	3
	TOTAL	427	98	39	105	118	31	7	2	0	5	143	1	7
CALDWELL CO	FATAL	2	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	43	16	3	16	13	5	3	0	0	0	18	0	1
	DAMAGE	84	16	4	16	26	10	0	0	1	0	27	0	0
	TOTAL	129	32	7	32	39	16	3	0	1	0	45	0	1
HAMILTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	3	2	0	1	0	0	0	1	0	0
	DAMAGE	9	0	0	2	3	3	0	0	1	0	1	0	0
	TOTAL	14	1	0	5	5	3	1	0	1	0	2	0	0

TABLE 4.0.1

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COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	2	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	38	15	3	13	11	5	2	0	0	0	17	0	1
	DAMAGE	75	16	4	14	23	7	0	0	0	0	26	0	0
	TOTAL	115	31	7	27	34	13	2	0	0	0	43	0	1
CALLAWAY CO	FATAL	11	5	4	1	4	1	0	0	0	2	7	0	0
	INJURY	241	80	23	71	63	17	17	2	3	5	89	1	1
	DAMAGE	798	246	14	201	191	86	5	4	0	0	327	1	5
	TOTAL	1,050	331	41	273	258	104	22	6	3	7	423	2	6
FULTON	FATAL	2	2	0	0	1	0	0	0	0	0	2	0	0
	INJURY	77	18	1	23	25	2	3	0	2	2	9	0	0
	DAMAGE	226	31	4	60	66	6	1	0	0	0	40	0	1
	TOTAL	305	51	5	83	92	8	4	0	2	2	51	0	1
HOLTS SUMMIT	FATAL	1	0	0	0	0	1	0	0	0	1	0	0	0
	INJURY	7	2	1	1	2	0	0	0	1	1	2	0	0
	DAMAGE	32	6	0	9	7	1	1	1	0	0	6	0	0
	TOTAL	40	8	1	10	9	2	1	1	1	1	8	0	0
JEFF CITY/CAL	FATAL	2	0	1	0	1	0	0	0	0	0	1	0	0
	INJURY	7	0	0	2	2	1	0	0	0	0	1	0	0
	DAMAGE	30	5	0	5	11	4	0	0	0	0	11	0	1
	TOTAL	39	5	1	7	14	5	0	0	0	0	13	0	1
POP UNDER 1000	FATAL	6	3	3	1	2	0	0	0	0	1	4	0	0
	INJURY	150	60	21	45	34	14	14	2	0	2	77	1	1
	DAMAGE	510	204	10	127	107	75	3	3	0	0	270	1	3
	TOTAL	666	267	34	173	143	89	17	5	0	3	351	2	4
CAMDEN CO	FATAL	6	3	3	1	3	0	0	0	0	0	3	0	0
	INJURY	248	52	20	56	97	13	23	2	0	0	72	0	6
	DAMAGE	663	90	20	166	255	50	3	1	0	0	126	2	29
	TOTAL	917	145	43	223	355	63	26	3	0	0	201	2	35
CAMDENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	38	3	0	11	20	3	2	1	0	0	4	0	0
	DAMAGE	149	3	3	42	72	6	0	0	0	0	12	0	0
	TOTAL	187	6	3	53	92	9	2	1	0	0	16	0	0
FOUR SEASONS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	7	2	1	1	1	0	0	0	0	0	4	0	0
	TOTAL	7	2	1	1	1	0	0	0	0	0	4	0	0
LAKE OZA/CAM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	0	2	6	1	1	0	0	0	2	0	0
	DAMAGE	18	2	0	9	6	0	0	0	0	0	2	0	0
	TOTAL	28	3	0	11	12	1	1	0	0	0	4	0	0
OSAGE BEA/CAM	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	73	8	3	22	31	3	2	0	0	0	10	0	4
	DAMAGE	239	16	1	54	110	23	0	0	0	0	14	0	25
	TOTAL	313	24	4	76	141	26	2	0	0	0	24	0	29
RICHLAND/CAM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	1	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	1	0	0	0	0	1	0	0
	TOTAL	2	1	1	0	1	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	5	3	3	1	3	0	0	0	0	0	3	0	0
	INJURY	126	39	16	21	40	6	18	1	0	0	56	0	2
	DAMAGE	249	67	15	60	65	20	3	1	0	0	93	2	4
	TOTAL	380	109	34	82	108	26	21	2	0	0	152	2	6
CAPE GIRARDEAU CO	FATAL	8	4	2	1	3	1	1	0	0	1	5	0	0
	INJURY	447	76	28	133	122	27	27	1	6	16	131	0	4
	DAMAGE	2,199	257	27	643	734	154	18	11	8	2	298	1	24
	TOTAL	2,654	337	57	777	859	182	46	12	14	19	434	1	28
CAPE GIR/CAP	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	236	24	5	73	71	15	16	1	3	12	31	0	0
	DAMAGE	1,567	131	9	427	530	78	12	7	7	1	154	0	4
	TOTAL	1,803	155	14	500	601	93	28	8	10	13	185	0	4
JACKSON	FATAL	1	0	0	0	1	1	0	0	0	0	1	0	0
	INJURY	65	10	4	20	22	3	2	0	2	4	15	0	0
	DAMAGE	350	52	1	132	133	46	4	3	1	1	39	0	2
	TOTAL	416	62	5	152	156	50	6	3	3	5	55	0	2
POP UNDER 1000	FATAL	7	4	2	1	2	0	1	0	0	1	4	0	0
	INJURY	146	42	19	40	29	9	9	0	1	0	85	0	4
	DAMAGE	281	74	17	83	71	30	2	1	0	0	104	1	18
	TOTAL	434	120	38	124	102	39	12	1	1	1	193	1	22

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
CARROLL CO	FATAL	1	0	0	0	1	0	1	0	0	0	0	0	0
	INJURY	34	15	5	9	15	0	3	0	2	0	16	0	0
	DAMAGE	87	13	11	22	29	4	1	0	0	2	18	0	2
	TOTAL	122	28	16	31	45	4	5	0	2	2	34	0	2
CARROLLTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	1	4	4	0	0	0	1	0	1	0	0
	DAMAGE	37	2	2	11	15	0	0	0	0	2	5	0	1
	TOTAL	47	4	3	15	19	0	0	0	1	2	6	0	1
POP UNDER 1000	FATAL	1	0	0	0	1	0	1	0	0	0	0	0	0
	INJURY	24	13	4	5	11	0	3	0	1	0	15	0	0
	DAMAGE	50	11	9	11	14	4	1	0	0	0	13	0	1
	TOTAL	75	24	13	16	26	4	5	0	1	0	28	0	1
CARTER CO	FATAL	4	1	0	0	1	0	0	0	0	0	2	0	0
	INJURY	41	23	4	15	9	1	3	0	0	0	18	0	0
	DAMAGE	90	25	6	18	30	8	1	2	0	0	32	0	0
	TOTAL	135	49	10	33	40	9	4	2	0	0	52	0	0
POP UNDER 1000	FATAL	4	1	0	0	1	0	0	0	0	0	2	0	0
	INJURY	41	23	4	15	9	1	3	0	0	0	18	0	0
	DAMAGE	90	25	6	18	30	8	1	2	0	0	32	0	0
	TOTAL	135	49	10	33	40	9	4	2	0	0	52	0	0
CASS CO	FATAL	9	3	1	0	4	1	0	0	1	0	5	0	0
	INJURY	449	117	31	129	127	37	29	3	4	8	119	1	7
	DAMAGE	1,224	220	32	335	371	121	6	7	1	0	239	1	15
	TOTAL	1,682	340	64	464	502	159	35	10	6	8	363	2	22
BELTON	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	174	29	6	50	56	12	8	1	0	4	23	0	4
	DAMAGE	385	48	9	90	111	17	1	2	1	0	39	0	4
	TOTAL	560	77	15	140	168	29	9	3	1	4	63	0	8
DREXEL/CAS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	5	0	0	0	2	0	0	0	0	0	0	0	0
GARDEN CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	1	0	0	3	1	0	0	0	0	1	0	0
	TOTAL	5	1	0	0	3	1	0	0	0	0	1	0	0
HARRISONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	57	16	4	13	16	5	3	0	1	1	19	0	0
	DAMAGE	201	41	2	47	77	24	1	0	0	0	36	0	2
	TOTAL	258	57	6	60	93	29	4	0	1	1	55	0	2
KANSAS CITY/CAS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	1	0	0	0	0	1	0	0
	TOTAL	1	0	0	0	0	1	0	0	0	0	1	0	0
PECULIAR	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	26	7	2	12	4	1	1	0	0	0	9	0	0
	DAMAGE	87	9	5	27	23	18	2	1	0	0	8	1	0
	TOTAL	114	17	8	39	27	19	3	1	0	0	18	1	0
PLEASANT HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	2	0	7	8	1	4	2	1	2	3	0	0
	DAMAGE	83	10	4	38	23	14	0	2	0	0	17	0	0
	TOTAL	102	12	4	45	31	15	4	4	1	2	20	0	0
RAYMORE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	41	12	4	17	12	1	1	0	1	1	8	0	2
	DAMAGE	131	24	4	49	42	4	1	1	0	0	22	0	7
	TOTAL	172	36	8	66	54	5	2	1	1	1	30	0	9
POP UNDER 1000	FATAL	7	2	0	0	3	1	0	0	1	0	3	0	0
	INJURY	133	51	15	32	31	17	12	0	1	0	57	1	1
	DAMAGE	332	88	8	85	93	43	1	1	0	0	116	0	2
	TOTAL	472	141	23	117	127	61	13	1	2	0	176	1	3
CEDAR CO	FATAL	3	1	2	0	1	0	0	0	0	0	2	0	0
	INJURY	71	15	4	18	24	6	3	1	2	1	22	1	0
	DAMAGE	96	19	4	18	32	7	0	1	1	0	23	0	1
	TOTAL	170	35	10	36	57	13	3	2	3	1	47	1	1
EL DORADO SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	2	2	0	1	0	1	1	1	0	0
	DAMAGE	37	4	0	5	14	0	0	0	1	0	3	0	1
	TOTAL	43	5	0	7	16	0	1	0	2	1	4	0	1

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
STOCKTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	1	0	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	3	1	2	0	1	0	0	0	0	0	2	0	0
	INJURY	63	14	4	15	22	6	2	1	1	0	21	1	0
	DAMAGE	59	15	4	13	18	7	0	1	0	0	20	0	0
	TOTAL	125	30	10	28	41	13	2	2	1	0	43	1	0
CHARITON CO	FATAL	1	0	0	1	0	0	0	0	0	0	1	0	0
	INJURY	27	6	8	6	9	2	2	0	0	0	13	0	0
	DAMAGE	69	18	6	19	17	10	1	0	0	0	22	0	0
	TOTAL	97	24	14	26	26	12	3	0	0	0	36	0	0
BRUNSWICK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	1	0	1	0	0	0	0	0	1	0	0
	TOTAL	2	0	1	0	1	0	0	0	0	0	1	0	0
SALISBURY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	1	0	0	0	0	0	0	1	0	0
	DAMAGE	12	1	1	6	5	1	0	0	0	0	1	0	0
	TOTAL	14	1	2	7	5	1	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	1	0	0	1	0	0	0	0	0	0	1	0	0
	INJURY	25	6	7	5	9	2	2	0	0	0	12	0	0
	DAMAGE	55	17	4	13	11	9	1	0	0	0	20	0	0
	TOTAL	81	23	11	19	20	11	3	0	0	0	33	0	0
CHRISTIAN CO	FATAL	9	2	1	2	6	1	1	0	0	1	3	0	0
	INJURY	301	84	14	104	74	9	21	0	2	1	103	0	1
	DAMAGE	809	165	21	246	239	67	1	3	1	1	179	0	3
	TOTAL	1,119	251	36	352	319	77	23	3	3	3	285	0	4
BILLINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	3	0	0	0	0	0	0	0	0	0
	DAMAGE	12	3	0	2	3	3	0	0	0	0	3	0	0
	TOTAL	16	4	0	5	3	3	0	0	0	0	3	0	0
CLEVER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	1	0	1	0	0	0	0	0	0
	DAMAGE	5	1	0	0	0	2	0	0	0	0	1	0	0
	TOTAL	8	1	0	0	1	2	1	0	0	0	1	0	0
NIXA	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	69	10	0	28	21	1	2	0	1	0	10	0	0
	DAMAGE	209	27	6	63	71	5	0	0	0	1	21	0	0
	TOTAL	279	37	6	91	93	6	2	0	1	1	32	0	0
OZARK	FATAL	3	2	1	2	2	0	1	0	0	0	1	0	0
	INJURY	79	10	4	28	19	2	3	0	1	1	14	0	1
	DAMAGE	288	50	5	101	89	28	1	0	1	0	41	0	3
	TOTAL	370	62	10	131	110	30	5	0	2	1	56	0	4
REPUBLIC/CHR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	0	0	0	0	0	0	0	1	0	0
SPARTA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	2	2	0	0	0	0	0	3	0	0
	DAMAGE	10	1	1	5	4	0	0	0	0	0	0	0	0
	TOTAL	15	1	1	7	6	0	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	5	0	0	0	3	1	0	0	0	1	1	0	0
	INJURY	141	62	10	44	31	6	15	0	0	0	75	0	0
	DAMAGE	287	83	9	76	72	29	0	3	0	0	114	0	0
	TOTAL	433	145	19	120	106	36	15	3	0	1	190	0	0
CLARK CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	8	0	6	3	0	0	0	0	0	10	0	0
	DAMAGE	87	19	2	17	22	14	0	0	0	0	17	0	1
	TOTAL	105	27	2	23	25	14	0	0	0	0	27	0	1
KAHOKA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	21	1	0	3	5	3	0	0	0	0	1	0	0
	TOTAL	21	1	0	3	5	3	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	8	0	6	3	0	0	0	0	0	10	0	0
	DAMAGE	66	18	2	14	17	11	0	0	0	0	16	0	1
	TOTAL	84	26	2	20	20	11	0	0	0	0	26	0	1

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
CLAY CO	FATAL	19	5	8	3	8	4	5	0	1	1	3	0	0
	INJURY	1,345	252	87	354	406	86	80	4	11	20	250	0	63
	DAMAGE	4,002	597	119	846	1,095	373	24	14	0	3	679	3	171
	TOTAL	5,366	854	214	1,203	1,509	463	109	18	12	24	932	3	234
CLAYCOMO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	4	1	2	4	3	1	0	0	2	5	0	0
	DAMAGE	66	16	2	11	17	7	1	0	0	1	21	0	1
	TOTAL	83	20	3	13	21	10	2	0	0	3	26	0	1
EXCELS SPGS/CLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	62	9	5	19	24	5	2	0	1	3	10	0	0
	DAMAGE	187	32	6	50	69	20	1	0	0	0	22	0	4
	TOTAL	249	41	11	69	93	25	3	0	1	3	32	0	4
GLADSTONE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	160	15	10	45	52	8	13	2	2	0	16	0	1
	DAMAGE	389	49	25	98	123	36	3	4	0	0	59	0	0
	TOTAL	549	64	35	143	175	44	16	6	2	0	75	0	1
KANSAS CITY/CLA	FATAL	10	3	3	1	5	1	3	0	1	0	1	0	0
	INJURY	579	121	39	145	162	25	31	0	6	10	119	0	4
	DAMAGE	1,893	273	35	345	447	119	12	5	0	1	336	1	26
	TOTAL	2,482	397	77	491	614	145	46	5	7	11	456	1	30
KEARNEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	40	5	3	12	12	3	5	0	1	0	3	0	12
	DAMAGE	140	13	7	44	36	23	0	1	0	0	20	1	33
	TOTAL	180	18	10	56	48	26	5	1	1	0	23	1	45
LAWSON/CLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	3	1	0	0	0	0	0	2	0	0
	DAMAGE	7	1	0	4	4	0	0	0	0	0	1	0	0
	TOTAL	11	2	0	7	5	0	0	0	0	0	3	0	0
LIBERTY	FATAL	2	1	1	1	1	0	1	0	0	0	0	0	0
	INJURY	184	20	10	58	55	10	9	0	0	2	23	0	3
	DAMAGE	544	86	9	159	167	46	2	2	0	1	77	1	5
	TOTAL	730	107	20	218	223	56	12	2	0	3	100	1	8
NORTH KANSAS CITY	FATAL	2	0	1	1	1	1	1	0	0	0	1	0	0
	INJURY	116	23	5	19	35	10	1	0	0	2	8	0	29
	DAMAGE	335	33	10	38	112	52	2	0	0	0	28	0	65
	TOTAL	453	56	16	58	148	63	4	0	0	2	37	0	94
PLEASANT VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	5	2	4	3	0	2	0	0	0	7	0	0
	DAMAGE	55	11	1	9	17	16	0	0	0	0	10	0	0
	TOTAL	69	16	3	13	20	16	2	0	0	0	17	0	0
SMITHVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	5	1	10	6	4	2	1	0	1	5	0	0
	DAMAGE	65	13	5	17	21	9	0	1	0	0	9	0	0
	TOTAL	93	18	6	27	27	13	2	2	0	1	14	0	0
POP UNDER 1000	FATAL	5	1	3	0	1	2	0	0	0	1	1	0	0
	INJURY	141	44	11	37	52	18	14	1	1	0	52	0	14
	DAMAGE	326	72	19	72	83	45	3	1	0	0	97	0	37
	TOTAL	472	117	33	109	136	65	17	2	1	1	150	0	51
CLINTON CO	FATAL	2	1	0	0	1	0	0	0	0	1	0	0	2
	INJURY	72	26	5	22	17	2	4	0	0	4	28	0	2
	DAMAGE	237	60	12	55	58	35	1	2	0	0	63	1	14
	TOTAL	311	87	17	77	76	37	5	2	0	5	91	1	18
CAMERON/CLI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	1	3	1	0	0	0	0	1	1	0	0
	DAMAGE	58	7	0	11	12	6	0	0	0	0	12	0	0
	TOTAL	65	8	1	14	13	6	0	0	0	1	13	0	0
GOWER/CLI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	2	1	0	0	0	0	0	0	0	0
	TOTAL	3	1	0	3	1	0	0	0	0	0	0	0	0
LATHROP	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	3	0	0	0	0	0	0	0	0	0
	DAMAGE	5	1	0	3	3	0	0	0	0	0	1	0	0
	TOTAL	8	2	0	6	3	0	0	0	0	0	1	0	0
PLATTSBURG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	1	3	0	0	0	0	0	1	1	0	0
	DAMAGE	32	6	1	13	7	1	0	1	0	0	6	0	0
	TOTAL	37	7	2	16	7	1	0	1	0	1	7	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	2	1	0	0	1	0	0	0	0	1	0	0	2
	INJURY	56	22	3	12	16	2	4	0	0	2	26	0	2
	DAMAGE	140	46	11	26	35	28	1	1	0	0	44	1	14
	TOTAL	198	69	14	38	52	30	5	1	0	3	70	1	18
COLE CO	FATAL	9	2	2	2	5	4	0	0	0	1	0	0	0
	INJURY	502	70	25	150	152	18	20	2	6	12	111	0	5
	DAMAGE	1,409	184	40	404	458	103	4	10	3	0	284	0	17
	TOTAL	1,920	256	67	556	615	125	24	12	9	13	395	0	22
JEFF CITY/COL	FATAL	2	1	0	1	1	2	0	0	0	1	0	0	0
	INJURY	397	32	16	116	127	14	15	2	6	11	52	0	5
	DAMAGE	1,133	97	22	313	404	81	1	9	2	0	154	0	16
	TOTAL	1,532	130	38	430	532	97	16	11	8	12	206	0	21
ST. MARTINS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	1	1	1	0	0	0	0	0	0	0	0
	TOTAL	2	0	1	1	1	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	7	1	2	1	4	2	0	0	0	0	0	0	0
	INJURY	105	38	9	34	25	4	5	0	0	1	59	0	0
	DAMAGE	274	87	17	90	53	22	3	1	1	0	130	0	1
	TOTAL	386	126	28	125	82	28	8	1	1	1	189	0	1
COOPER CO	FATAL	2	0	0	0	2	0	0	0	0	0	0	0	0
	INJURY	116	30	16	23	36	9	5	0	2	1	48	2	2
	DAMAGE	358	89	18	81	102	62	1	2	0	0	140	0	5
	TOTAL	476	119	34	104	140	71	6	2	2	1	188	2	7
BOONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	35	4	3	10	12	2	1	0	1	1	2	1	0
	DAMAGE	152	17	8	44	48	16	0	2	0	0	21	0	2
	TOTAL	187	21	11	54	60	18	1	2	1	1	23	1	2
PILOT GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	2	0	0	0	2	0	0	0	0	0	0	0	0
	INJURY	81	26	13	13	24	7	4	0	1	0	46	1	2
	DAMAGE	205	72	10	37	53	46	1	0	0	0	119	0	3
	TOTAL	288	98	23	50	79	53	5	0	1	0	165	1	5
CRAWFORDCO	FATAL	6	3	5	1	3	1	0	0	0	0	5	0	0
	INJURY	128	40	16	30	28	14	8	0	1	5	66	0	1
	DAMAGE	400	103	12	99	106	46	2	2	0	0	150	0	1
	TOTAL	534	146	33	130	137	61	10	2	1	5	221	0	2
BOURBON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	2	0	0	4	2	1	0	0	0	3	0	1
	DAMAGE	48	14	0	14	9	9	0	0	0	0	21	0	0
	TOTAL	56	16	0	14	13	11	1	0	0	0	24	0	1
CUBA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	4	2	9	4	2	3	0	1	0	6	0	0
	DAMAGE	80	11	2	21	35	5	1	1	0	0	14	0	0
	TOTAL	107	15	4	30	39	7	4	1	1	0	20	0	0
STEELVILLE	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	11	1	2	2	3	1	0	0	0	1	4	0	0
	DAMAGE	27	0	0	9	10	3	0	1	0	0	2	0	0
	TOTAL	39	2	3	11	13	4	0	1	0	1	7	0	0
SULLIVAN/CRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	13	0	0	6	5	0	0	0	0	0	0	0	0
	TOTAL	13	0	0	6	5	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	5	2	4	1	3	1	0	0	0	0	4	0	0
	INJURY	82	33	12	19	17	9	4	0	0	4	53	0	0
	DAMAGE	232	78	10	49	47	29	1	0	0	0	113	0	1
	TOTAL	319	113	26	69	67	39	5	0	0	4	170	0	1
DADE CO	FATAL	1	0	0	0	0	1	0	0	0	0	1	0	0
	INJURY	25	4	2	8	7	2	2	0	0	0	14	0	0
	DAMAGE	25	7	0	2	5	1	0	0	0	0	14	0	0
	TOTAL	51	11	2	10	12	4	2	0	0	0	29	0	0
GREENFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	1	0	0	0	0	0	0	0	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	1	0	0	0	0	1	0	0	0	0	1	0	0
	INJURY	24	4	2	7	7	2	2	0	0	0	14	0	0
	DAMAGE	25	7	0	2	5	1	0	0	0	0	14	0	0
	TOTAL	50	11	2	9	12	4	2	0	0	0	29	0	0
DALLAS CO	FATAL	6	5	4	1	2	0	0	0	0	0	5	0	0
	INJURY	82	45	6	21	18	6	5	0	0	0	31	0	5
	DAMAGE	135	43	3	37	45	19	3	0	0	0	46	0	2
	TOTAL	223	93	13	59	65	25	8	0	0	0	82	0	7
BUFFALO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	2	0	4	3	2	1	0	0	0	1	0	1
	DAMAGE	59	3	0	21	26	10	0	0	0	0	9	0	1
	TOTAL	71	5	0	25	29	12	1	0	0	0	10	0	2
POP UNDER 1000	FATAL	6	5	4	1	2	0	0	0	0	0	5	0	0
	INJURY	70	43	6	17	15	4	4	0	0	0	30	0	4
	DAMAGE	76	40	3	16	19	9	3	0	0	0	37	0	1
	TOTAL	152	88	13	34	36	13	7	0	0	0	72	0	5
DAVISS CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	45	21	1	10	11	4	2	0	0	0	22	0	1
	DAMAGE	86	33	1	16	25	13	1	0	0	0	35	1	2
	TOTAL	131	54	2	26	36	17	3	0	0	0	57	1	3
GALLATIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	1	0	1	0	0	0	0	0	0	1	0	0
	TOTAL	2	1	0	1	0	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	45	21	1	10	11	4	2	0	0	0	22	0	1
	DAMAGE	84	32	1	15	25	13	1	0	0	0	34	1	2
	TOTAL	129	53	2	25	36	17	3	0	0	0	56	1	3
DEKALB CO	FATAL	3	1	0	1	3	0	0	0	0	0	1	0	0
	INJURY	62	14	4	17	26	4	2	0	0	1	27	0	0
	DAMAGE	157	35	2	34	44	17	2	0	0	0	48	1	1
	TOTAL	222	50	6	52	73	21	4	0	0	1	76	1	1
CAMERON/DEK	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	15	0	0	4	11	1	0	0	0	0	0	0	0
	DAMAGE	61	11	0	12	22	6	0	0	0	0	10	1	0
	TOTAL	77	11	0	16	34	7	0	0	0	0	10	1	0
MAYSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	1	1	0	0	0	0	0	0	1	0	0
	DAMAGE	3	0	0	1	1	0	0	0	0	0	0	0	0
	TOTAL	4	1	1	2	1	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	2	1	0	1	2	0	0	0	0	0	1	0	0
	INJURY	46	13	3	12	15	3	2	0	0	1	26	0	0
	DAMAGE	93	24	2	21	21	11	2	0	0	0	38	0	1
	TOTAL	141	38	5	34	38	14	4	0	0	1	65	0	1
DENT CO	FATAL	5	2	0	1	2	1	1	0	0	0	4	0	0
	INJURY	86	38	11	23	15	3	4	0	0	4	40	0	1
	DAMAGE	241	41	6	69	70	24	2	0	0	0	58	0	0
	TOTAL	332	81	17	93	87	28	7	0	0	4	102	0	1
SALEM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	2	3	7	7	2	0	0	0	3	5	0	1
	DAMAGE	101	0	0	27	40	5	0	0	0	0	6	0	0
	TOTAL	125	2	3	34	47	7	0	0	0	3	11	0	1
POP UNDER 1000	FATAL	5	2	0	1	2	1	1	0	0	0	4	0	0
	INJURY	62	36	8	16	8	1	4	0	0	1	35	0	0
	DAMAGE	140	41	6	42	30	19	2	0	0	0	52	0	0
	TOTAL	207	79	14	59	40	21	7	0	0	1	91	0	0
DOUGLAS CO	FATAL	3	3	0	1	0	0	1	0	0	0	1	0	0
	INJURY	87	33	15	29	26	3	2	0	0	2	56	0	0
	DAMAGE	122	23	7	34	33	13	0	2	0	0	39	0	0
	TOTAL	212	59	22	64	59	16	3	2	0	2	96	0	0
AVA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	1	1	6	4	0	0	0	0	1	4	0	0
	DAMAGE	39	3	1	12	16	3	0	2	0	0	5	0	0
	TOTAL	50	4	2	18	20	3	0	2	0	1	9	0	0
POP UNDER 1000	FATAL	3	3	0	1	0	0	1	0	0	0	1	0	0
	INJURY	76	32	14	23	22	3	2	0	0	1	52	0	0
	DAMAGE	83	20	6	22	17	10	0	0	0	0	34	0	0
	TOTAL	162	55	20	46	39	13	3	0	0	1	87	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
DUNKLIN CO	FATAL	9	1	2	2	1	3	0	0	0	1	4	0	0
	INJURY	163	41	21	40	41	11	5	0	2	5	54	0	0
	DAMAGE	401	39	15	96	143	37	2	3	0	1	70	1	1
	TOTAL	573	81	38	138	185	51	7	3	2	7	128	1	1
CAMPBELL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	0	2	3	1	1	0	0	0	1	0	0
	DAMAGE	23	1	0	6	9	2	0	0	0	0	6	0	0
	TOTAL	30	1	0	8	12	3	1	0	0	0	7	0	0
CLARKTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	4	0	0	0	0	0	0	0	0	0	0	0	0
KENNETT	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	70	11	8	22	19	3	0	0	2	3	10	0	0
	DAMAGE	214	10	8	54	91	10	2	2	0	1	16	0	1
	TOTAL	285	21	16	76	111	14	2	2	2	4	26	0	1
MALDEN/DUN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	0	0	3	1	0	0	0	2	1	0	0
	DAMAGE	52	5	3	15	16	3	0	1	0	0	8	0	0
	TOTAL	61	6	3	15	19	4	0	1	0	2	9	0	0
SENATH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	8	1	2	2	0	2	0	0	0	1	4	0	0
	INJURY	77	29	13	16	16	6	4	0	0	0	42	0	0
	DAMAGE	107	23	4	21	26	22	0	0	0	0	40	1	0
	TOTAL	192	53	19	39	42	30	4	0	0	1	86	1	0
FRANKLIN CO	FATAL	26	9	8	11	11	4	2	1	0	2	3	0	4
	INJURY	607	197	60	164	162	46	30	0	7	17	214	1	45
	DAMAGE	2,075	462	70	521	588	252	8	7	0	0	544	1	144
	TOTAL	2,708	668	138	696	761	302	40	8	7	19	761	2	193
GERALD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	1	0	0	0	0	0	0	1	0	0
	DAMAGE	6	0	0	3	4	0	0	0	0	0	0	0	0
	TOTAL	8	0	1	4	4	0	0	0	0	0	1	0	0
NEW HAVEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	1	0	0	0	0	0	1	0	0
	DAMAGE	22	3	0	3	8	2	1	0	0	0	7	0	0
	TOTAL	25	4	0	4	9	2	1	0	0	0	8	0	0
PACIFIC/FRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	5	1	11	6	4	0	0	0	0	11	0	7
	DAMAGE	130	34	0	30	42	25	0	0	0	0	31	0	28
	TOTAL	157	39	1	41	48	29	0	0	0	0	42	0	35
ST. CLAIR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	46	8	3	8	16	4	3	0	0	1	12	0	0
	DAMAGE	176	26	4	47	47	20	2	0	0	0	44	0	2
	TOTAL	222	34	7	55	63	24	5	0	0	1	56	0	2
SULLIVAN/FRA	FATAL	2	0	1	1	0	0	0	0	0	1	0	0	0
	INJURY	16	3	0	2	5	1	1	0	0	1	2	0	1
	DAMAGE	102	10	1	19	38	14	0	0	0	0	12	0	0
	TOTAL	120	13	2	22	43	15	1	0	0	2	14	0	1
UNION	FATAL	2	1	0	1	1	0	0	0	0	0	0	0	0
	INJURY	99	18	6	30	34	9	2	0	0	3	15	0	15
	DAMAGE	286	28	6	94	91	33	0	3	0	0	33	0	27
	TOTAL	387	47	12	125	126	42	2	3	0	3	48	0	42
WASHINGTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	92	17	5	21	33	6	1	0	7	7	12	1	0
	DAMAGE	396	45	12	102	137	31	1	0	0	0	46	0	0
	TOTAL	488	62	17	123	170	37	2	0	7	7	58	1	0
POP UNDER 1000	FATAL	22	8	7	9	10	4	2	1	0	1	3	0	4
	INJURY	322	145	44	90	67	22	23	0	0	5	160	0	22
	DAMAGE	957	316	47	223	221	127	4	4	0	0	371	1	87
	TOTAL	1,301	469	98	322	298	153	29	5	0	6	534	1	113
GASCONADE CO	FATAL	1	1	0	0	1	0	0	0	0	0	0	0	0
	INJURY	70	35	10	18	13	3	1	0	0	0	42	0	0
	DAMAGE	220	55	12	57	48	23	0	0	0	0	69	0	0
	TOTAL	291	91	22	75	62	26	1	0	0	0	111	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
HERMANN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	43	3	5	12	15	2	0	0	0	0	6	0	0
	TOTAL	44	3	5	12	15	2	0	0	0	0	7	0	0
OWENSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	5	3	3	3	1	0	0	0	0	6	0	0
	DAMAGE	49	5	1	19	8	5	0	0	0	0	10	0	0
	TOTAL	61	10	4	22	11	6	0	0	0	0	16	0	0
POP UNDER 1000	FATAL	1	1	0	0	1	0	0	0	0	0	0	0	0
	INJURY	57	30	7	15	10	2	1	0	0	0	35	0	0
	DAMAGE	128	47	6	26	25	16	0	0	0	0	53	0	0
	TOTAL	186	78	13	41	36	18	1	0	0	0	88	0	0
GENTRY CO	FATAL	2	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	23	8	2	6	3	0	2	0	0	1	9	0	0
	DAMAGE	55	7	1	16	12	7	1	0	1	0	18	1	0
	TOTAL	80	16	4	22	15	7	3	0	1	1	28	1	0
ALBANY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	11	0	1	4	2	4	1	0	1	0	4	1	0
	TOTAL	12	0	1	5	2	4	1	0	1	0	4	1	0
KING CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	2	1	0	0	0	0	0	0	0	0
	TOTAL	5	0	0	2	1	0	0	0	0	0	0	0	0
STANBERRY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	1	0	0	0
	DAMAGE	5	0	0	2	2	0	0	0	0	0	0	0	0
	TOTAL	6	0	0	2	2	0	0	0	0	1	0	0	0
POP UNDER 1000	FATAL	2	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	20	8	2	5	3	0	2	0	0	0	9	0	0
	DAMAGE	35	7	0	8	7	3	0	0	0	0	14	0	0
	TOTAL	57	16	3	13	10	3	2	0	0	0	24	0	0
GREENE CO	FATAL	29	9	7	1	10	1	3	0	0	5	12	0	2
	INJURY	2,557	285	122	686	871	147	94	6	45	52	349	1	64
	DAMAGE	5,815	578	216	1,532	1,747	468	18	33	7	3	865	1	156
	TOTAL	8,401	872	345	2,219	2,628	616	115	39	52	60	1,226	2	222
ASH GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	1	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	1	0	0	0	0	0	0	0	0	0
BATTLEFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	2	2	3	0	0	0	0	1	3	0	0
	DAMAGE	28	8	4	9	7	0	0	0	0	0	8	0	0
	TOTAL	35	8	6	11	10	0	0	0	0	1	11	0	0
FAIR GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	4	3	1	2	0	0	0	0	0	0	4	0	0
	TOTAL	4	3	1	2	0	0	0	0	0	0	4	0	0
REPUBLIC/GRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	75	10	5	19	25	6	3	0	3	1	14	0	0
	DAMAGE	201	27	4	50	53	17	0	1	0	0	34	0	0
	TOTAL	276	37	9	69	78	23	3	1	3	1	48	0	0
ROGERSVIL/GRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	2	1	5	6	2	0	0	0	0	3	0	0
	DAMAGE	28	6	0	5	11	5	0	0	0	0	6	0	1
	TOTAL	46	8	1	10	17	7	0	0	0	0	9	0	1
SPRINGFIELD	FATAL	18	5	5	1	4	1	2	0	0	4	8	0	2
	INJURY	2,138	153	87	568	745	101	73	5	40	48	193	0	62
	DAMAGE	4,804	350	173	1,290	1,485	348	17	29	7	3	530	0	146
	TOTAL	6,960	508	265	1,859	2,234	450	92	34	47	55	731	0	210
STRAFFORD	FATAL	1	0	0	0	0	0	0	0	0	1	0	0	0
	INJURY	9	0	2	3	3	4	0	1	0	0	2	0	0
	DAMAGE	51	14	2	14	9	10	0	0	0	0	19	0	2
	TOTAL	61	14	4	17	12	14	0	1	0	1	21	0	2
WILLARD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	3	0	11	6	1	0	0	0	0	3	0	0
	DAMAGE	43	5	1	18	15	5	0	0	0	0	5	0	0
	TOTAL	61	8	1	29	21	6	0	0	0	0	8	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	10	4	2	0	6	0	1	0	0	0	4	0	0
	INJURY	291	117	25	77	83	33	18	0	2	2	131	1	2
	DAMAGE	653	164	31	142	167	83	1	3	0	0	258	1	7
	TOTAL	954	285	58	219	256	116	20	3	2	2	393	2	9
GRUNDY CO	FATAL	2	0	0	0	2	0	0	0	0	0	1	0	0
	INJURY	53	14	5	13	18	2	3	0	3	3	16	0	1
	DAMAGE	126	16	3	39	44	19	1	0	0	0	41	0	0
	TOTAL	181	30	8	52	64	21	4	0	3	3	58	0	1
TRENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	1	2	9	8	1	0	0	3	2	5	0	0
	DAMAGE	95	8	1	32	31	13	1	0	0	0	25	0	0
	TOTAL	120	9	3	41	39	14	1	0	3	2	30	0	0
POP UNDER 1000	FATAL	2	0	0	0	2	0	0	0	0	0	1	0	0
	INJURY	28	13	3	4	10	1	3	0	0	1	11	0	1
	DAMAGE	31	8	2	7	13	6	0	0	0	0	16	0	0
	TOTAL	61	21	5	11	25	7	3	0	0	1	28	0	1
HARRISON CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	40	11	5	7	18	2	3	0	0	0	21	0	0
	DAMAGE	152	43	4	24	43	36	2	1	0	1	44	0	1
	TOTAL	192	54	9	31	61	38	5	1	0	1	65	0	1
BETHANY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	0	2	5	1	0	0	0	0	2	0	0
	DAMAGE	50	7	1	12	15	5	0	0	0	1	11	0	0
	TOTAL	59	8	1	14	20	6	0	0	0	1	13	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	10	5	5	13	1	3	0	0	0	19	0	0
	DAMAGE	102	36	3	12	28	31	2	1	0	0	33	0	1
	TOTAL	133	46	8	17	41	32	5	1	0	0	52	0	1
HENRY CO	FATAL	4	1	1	1	3	0	0	0	0	0	0	0	0
	INJURY	120	24	19	19	43	7	6	2	0	3	48	0	2
	DAMAGE	299	47	12	64	99	27	2	1	0	0	69	1	7
	TOTAL	423	72	32	84	145	34	8	3	0	3	117	1	9
CLINTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	42	6	5	6	13	1	1	0	0	3	11	0	0
	DAMAGE	168	20	8	38	66	8	2	1	0	0	20	0	1
	TOTAL	210	26	13	44	79	9	3	1	0	3	31	0	1
WINDSOR/HEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	1	2	3	0	0	0	0	0	0	0	0
	DAMAGE	24	1	0	2	10	2	0	0	0	0	5	0	0
	TOTAL	31	1	1	4	13	2	0	0	0	0	5	0	0
POP UNDER 1000	FATAL	4	1	1	1	3	0	0	0	0	0	0	0	0
	INJURY	71	18	13	11	27	6	5	2	0	0	37	0	2
	DAMAGE	107	26	4	24	23	17	0	0	0	0	44	1	6
	TOTAL	182	45	18	36	53	23	5	2	0	0	81	1	8
HICKORY CO	FATAL	3	3	1	1	0	0	0	0	0	0	1	0	0
	INJURY	53	35	7	13	18	1	4	0	0	1	25	0	0
	DAMAGE	51	18	6	12	16	3	0	0	0	0	19	0	0
	TOTAL	107	56	14	26	34	4	4	0	0	1	45	0	0
POP UNDER 1000	FATAL	3	3	1	1	0	0	0	0	0	0	1	0	0
	INJURY	53	35	7	13	18	1	4	0	0	1	25	0	0
	DAMAGE	51	18	6	12	16	3	0	0	0	0	19	0	0
	TOTAL	107	56	14	26	34	4	4	0	0	1	45	0	0
HOLT CO	FATAL	1	1	1	0	1	0	0	0	0	0	1	0	0
	INJURY	34	11	7	7	11	8	1	0	1	1	16	0	0
	DAMAGE	70	23	1	12	21	17	0	0	0	0	20	0	1
	TOTAL	105	35	9	19	33	25	1	0	1	1	37	0	1
MOUND CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	2	1	0	0	0	1	0	0	0
	DAMAGE	6	0	0	1	4	0	0	0	0	0	1	0	0
	TOTAL	9	1	0	1	6	1	0	0	0	1	1	0	0
POP UNDER 1000	FATAL	1	1	1	0	1	0	0	0	0	0	1	0	0
	INJURY	31	10	7	7	9	7	1	0	1	0	16	0	0
	DAMAGE	64	23	1	11	17	17	0	0	0	0	19	0	1
	TOTAL	96	34	9	18	27	24	1	0	1	0	36	0	1
HOWARD CO	FATAL	3	1	2	0	1	0	0	0	0	0	2	0	0
	INJURY	41	13	5	13	9	3	4	1	0	0	18	0	0
	DAMAGE	82	23	6	20	15	9	0	0	0	0	28	0	0
	TOTAL	126	37	13	33	25	12	4	1	0	0	48	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
FAYETTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	2	0	0	0	0	0	0	1	0	0
	DAMAGE	17	0	0	3	2	3	0	0	0	0	1	0	0
	TOTAL	19	0	0	5	2	3	0	0	0	0	2	0	0
GLASGOW/HOW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	14	1	0	5	6	3	0	0	0	0	2	0	0
	TOTAL	14	1	0	5	6	3	0	0	0	0	2	0	0
NEW FRANKLIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	1	0	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	3	1	2	0	1	0	0	0	0	0	2	0	0
	INJURY	38	13	5	10	9	3	4	1	0	0	17	0	0
	DAMAGE	51	22	6	12	7	3	0	0	0	0	25	0	0
	TOTAL	92	36	13	22	17	6	4	1	0	0	44	0	0
HOWELL CO	FATAL	7	2	1	3	4	2	1	0	0	0	2	0	0
	INJURY	241	75	34	75	79	19	10	0	1	3	84	1	0
	DAMAGE	578	104	22	155	188	74	2	5	0	1	132	0	0
	TOTAL	826	181	57	233	271	95	13	5	1	4	218	1	0
MOUNTAIN VIEW	FATAL	1	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	13	0	1	3	6	1	3	0	0	0	1	0	0
	DAMAGE	21	4	0	5	5	3	0	0	0	0	7	0	0
	TOTAL	35	4	1	9	12	4	3	0	0	0	8	0	0
WEST PLAINS	FATAL	1	0	0	0	1	0	1	0	0	0	0	0	0
	INJURY	90	13	8	30	30	7	4	0	1	2	15	0	0
	DAMAGE	306	28	6	94	114	23	2	3	0	1	43	0	0
	TOTAL	397	41	14	124	145	30	7	3	1	3	58	0	0
WILLOW SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	3	0	2	4	3	0	0	0	0	2	0	0
	DAMAGE	28	10	0	6	12	11	0	0	0	0	6	0	0
	TOTAL	39	13	0	8	16	14	0	0	0	0	8	0	0
POP UNDER 1000	FATAL	5	2	1	2	2	2	0	0	0	0	2	0	0
	INJURY	127	59	25	40	39	8	3	0	0	1	66	1	0
	DAMAGE	223	62	16	50	57	37	0	2	0	0	76	0	0
	TOTAL	355	123	42	92	98	47	3	2	0	1	144	1	0
IRON CO	FATAL	4	3	0	1	0	0	0	0	0	0	2	0	0
	INJURY	73	33	7	25	11	3	2	0	0	2	44	0	0
	DAMAGE	87	24	8	20	27	9	0	0	0	0	30	1	0
	TOTAL	164	60	15	46	38	12	2	0	0	2	76	1	0
IRONTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	3	0	0	0	0	0	0	1	0	0
	DAMAGE	26	4	0	8	14	0	0	0	0	0	3	0	0
	TOTAL	29	4	0	11	14	0	0	0	0	0	4	0	0
POP UNDER 1000	FATAL	4	3	0	1	0	0	0	0	0	0	2	0	0
	INJURY	70	33	7	22	11	3	2	0	0	2	43	0	0
	DAMAGE	61	20	8	12	13	9	0	0	0	0	27	1	0
	TOTAL	135	56	15	35	24	12	2	0	0	2	72	1	0
JACKSON CO	FATAL	68	31	9	6	15	6	10	0	0	7	33	0	2
	INJURY	5,323	1,088	312	1,150	1,548	335	195	34	73	198	841	0	118
	DAMAGE	16,523	2,457	420	2,928	4,344	1,412	69	107	21	15	2,266	5	385
	TOTAL	21,914	3,576	741	4,084	5,907	1,753	274	141	94	220	3,140	5	505
BLUE SPRINGS	FATAL	2	2	1	0	1	0	0	0	0	0	1	0	0
	INJURY	267	42	17	79	98	25	11	1	6	9	36	0	1
	DAMAGE	923	124	39	276	262	75	6	3	0	0	138	1	3
	TOTAL	1,192	168	57	355	361	100	17	4	6	9	175	1	4
BUCKNER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	1	0	0	2	0	1	0	2	0	0
	DAMAGE	15	2	1	3	6	0	0	0	0	0	1	0	0
	TOTAL	21	3	1	4	6	0	2	0	1	0	3	0	0
GRAIN VALLEY	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	42	5	6	13	11	2	4	0	0	1	11	0	0
	DAMAGE	132	24	11	38	24	14	1	0	0	0	31	0	0
	TOTAL	175	29	17	51	35	16	5	0	0	1	43	0	0
GRANDVIEW	FATAL	2	1	0	0	0	0	0	0	0	1	1	0	0
	INJURY	108	24	7	27	33	6	5	0	2	2	33	0	10
	DAMAGE	391	83	21	70	109	41	2	5	0	1	63	0	33
	TOTAL	501	108	28	97	142	47	7	5	2	4	97	0	43

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COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
GREENWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	0	0	1	0	0	1	1	0	0
	DAMAGE	22	6	0	6	3	0	0	0	0	0	7	0	0
	TOTAL	25	7	0	6	3	0	1	0	0	1	8	0	0
INDEPENDENCE/JAC	FATAL	8	4	2	1	2	0	2	0	0	0	4	0	1
	INJURY	889	196	53	195	336	39	34	7	10	24	113	0	4
	DAMAGE	2,162	358	79	505	703	144	11	18	4	2	257	2	19
	TOTAL	3,059	558	134	701	1,041	183	47	25	14	26	374	2	24
KANSAS CITY/JAC	FATAL	42	20	5	3	8	3	5	0	0	5	20	0	0
	INJURY	3,278	685	164	604	856	220	94	18	44	146	494	0	80
	DAMAGE	10,251	1,489	177	1,301	2,450	887	43	62	16	12	1,296	1	249
	TOTAL	13,571	2,194	346	1,908	3,314	1,110	142	80	60	163	1,810	1	329
LAKELOTAWANA	FATAL	2	0	0	1	0	0	0	0	0	1	0	0	0
	INJURY	30	7	6	11	9	2	4	0	0	0	9	0	2
	DAMAGE	53	10	2	13	11	6	1	0	0	0	19	0	2
	TOTAL	85	17	8	25	20	8	5	0	0	1	28	0	4
LEE'S SUMMIT/JAC	FATAL	4	2	0	0	1	1	1	0	0	0	2	0	0
	INJURY	390	73	35	140	114	23	18	5	6	11	77	0	16
	DAMAGE	1,757	234	59	528	532	161	1	13	1	0	280	1	64
	TOTAL	2,151	309	94	668	647	185	20	18	7	11	359	1	80
OAK GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	3	1	8	12	2	1	0	1	0	3	0	1
	DAMAGE	114	11	7	26	36	28	0	0	0	0	19	0	1
	TOTAL	147	14	8	34	48	30	1	0	1	0	22	0	2
RAYTOWN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	144	12	1	37	55	5	6	1	3	2	10	0	1
	DAMAGE	359	39	11	95	120	17	2	3	0	0	42	0	2
	TOTAL	503	51	12	132	175	22	8	4	3	2	52	0	3
SUGAR CREEK/JAC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	4	1	1	0	2	2	1	0	0	3	0	0
	DAMAGE	45	9	1	7	9	6	0	0	0	0	12	0	0
	TOTAL	56	13	2	8	9	8	2	1	0	0	15	0	0
POP UNDER 1000	FATAL	7	2	1	1	3	2	2	0	0	0	4	0	1
	INJURY	120	35	21	32	23	9	13	1	0	2	49	0	3
	DAMAGE	294	67	12	59	77	32	2	3	0	0	100	0	12
	TOTAL	421	104	34	92	103	43	17	4	0	2	153	0	16
JASPER CO	FATAL	11	1	0	2	4	1	1	0	2	0	2	0	0
	INJURY	654	95	46	189	215	48	48	1	8	22	126	0	8
	DAMAGE	2,362	220	61	644	773	196	21	12	3	6	314	2	15
	TOTAL	3,027	316	107	835	992	245	70	13	13	28	442	2	23
CARL JUNCTION	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	5	2	9	4	0	2	0	0	0	1	0	0
	DAMAGE	53	11	1	25	13	2	1	2	0	0	12	0	0
	TOTAL	68	16	3	34	17	2	3	2	0	0	13	0	0
CARTERVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	8	2	1	3	1	2	0	0	0	0	3	0	0
	TOTAL	9	3	1	3	1	2	0	0	0	0	4	0	0
CARTHAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	50	5	3	16	26	4	5	0	2	2	2	0	1
	DAMAGE	165	9	6	53	46	18	1	2	0	0	25	0	0
	TOTAL	215	14	9	69	72	22	6	2	2	2	27	0	1
DUENWEG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	2	2	0	0	0	0	0	0	0	0
	DAMAGE	10	0	0	2	6	4	0	1	0	0	2	0	0
	TOTAL	13	0	0	4	8	4	0	1	0	0	2	0	0
DUQUESNE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	0	0	5	0	0	0	1	0	0	0	1
	DAMAGE	36	4	0	11	13	3	0	0	0	0	4	0	2
	TOTAL	43	5	0	11	18	3	0	0	1	0	4	0	3
JASPER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	7	2	1	0	2	3	0	0	0	0	2	1	0
	TOTAL	8	2	1	0	2	3	0	0	0	0	2	1	0
JOPLIN/JAS	FATAL	2	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	322	33	15	80	113	18	23	0	4	14	35	0	0
	DAMAGE	1,493	90	27	413	529	71	18	6	2	6	119	0	3
	TOTAL	1,817	123	42	494	643	89	41	6	6	20	154	0	3

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
SARCOXIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	3	0	0	0	1	0	0	0	0	0	1	0	0
	TOTAL	4	0	0	0	2	0	0	0	0	0	1	0	0
WEBB CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	47	7	1	20	14	3	3	0	1	1	8	0	0
	DAMAGE	154	14	2	41	52	12	0	1	1	0	11	0	1
	TOTAL	201	21	3	61	66	15	3	1	2	1	19	0	1
POP UNDER 1000	FATAL	9	1	0	1	3	1	1	0	2	0	2	0	0
	INJURY	207	43	25	62	50	23	15	1	0	5	79	0	6
	DAMAGE	433	88	23	96	110	81	1	0	0	0	135	1	9
	TOTAL	649	132	48	159	163	105	17	1	2	5	216	1	15
JEFFERSON CO	FATAL	29	11	8	4	10	4	4	1	0	0	13	0	1
	INJURY	1,132	304	98	353	317	84	57	5	3	17	385	1	60
	DAMAGE	3,227	583	116	886	861	319	13	18	2	2	716	3	145
	TOTAL	4,388	898	222	1,243	1,188	407	74	24	5	19	1,114	4	206
ARNOLD	FATAL	3	2	1	1	2	1	1	0	0	0	0	0	0
	INJURY	113	14	7	34	38	5	5	0	0	2	20	0	0
	DAMAGE	386	27	14	111	112	17	0	2	2	0	59	0	0
	TOTAL	502	43	22	146	152	23	6	2	2	2	79	0	0
BYRNE'S MILL	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	0	4	3	1	0	0	0	0	0	0	0
	DAMAGE	49	7	0	19	9	10	0	0	0	0	2	0	1
	TOTAL	57	7	0	23	12	11	0	0	0	0	2	0	1
CRYSTAL CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	3	1	8	10	1	1	0	0	0	3	0	0
	DAMAGE	114	2	0	25	44	1	0	0	0	0	9	0	1
	TOTAL	139	5	1	33	54	2	1	0	0	0	12	0	1
DE SOTO	FATAL	2	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	30	4	2	8	10	1	0	0	2	2	4	0	0
	DAMAGE	121	23	4	33	27	12	0	1	0	0	23	0	0
	TOTAL	153	27	6	41	38	13	0	1	2	2	28	0	0
FESTUS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	74	15	6	19	34	10	3	0	0	2	17	0	1
	DAMAGE	282	30	3	84	100	40	1	1	0	1	38	0	5
	TOTAL	356	45	9	103	134	50	4	1	0	3	55	0	6
HERCULANEUM	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	17	5	0	5	7	2	1	0	0	0	2	0	0
	DAMAGE	79	14	0	11	28	8	2	0	0	0	19	0	4
	TOTAL	97	19	0	16	36	11	3	0	0	0	21	0	4
HILLSBORO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	4	0	6	13	1	0	0	0	0	7	0	1
	DAMAGE	129	9	0	53	36	11	1	1	0	0	11	0	1
	TOTAL	153	13	0	59	49	12	1	1	0	0	18	0	2
PEVELY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	55	11	3	14	19	12	3	0	0	1	11	0	10
	DAMAGE	179	31	5	35	49	27	0	0	0	0	41	0	26
	TOTAL	234	42	8	49	68	39	3	0	0	1	52	0	36
POP UNDER 1000	FATAL	22	9	7	3	6	2	3	1	0	0	12	0	1
	INJURY	787	248	79	255	183	51	44	5	1	10	321	1	48
	DAMAGE	1,886	440	90	515	454	193	9	13	0	1	514	3	107
	TOTAL	2,695	697	176	773	643	246	56	19	1	11	847	4	156
JOHNSON CO	FATAL	5	3	3	1	0	1	0	0	1	0	3	1	0
	INJURY	238	75	30	71	51	13	19	0	4	3	86	0	0
	DAMAGE	855	163	51	241	187	91	6	6	1	1	202	2	1
	TOTAL	1,098	241	84	313	238	105	25	6	6	4	291	3	1
HOLDEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	1	0	0	0	0	0	0	0	1	0	0
	DAMAGE	6	0	2	1	1	1	0	0	0	0	2	0	0
	TOTAL	7	1	3	1	1	1	0	0	0	0	3	0	0
KNOB NOSTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	2	0	2	2	0	0	0	0	0	0	0	0
	DAMAGE	23	5	0	5	5	1	0	0	0	0	6	0	0
	TOTAL	29	7	0	7	7	1	0	0	0	0	6	0	0
WARRENSBURG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	67	21	8	22	14	1	3	0	4	3	10	0	0
	DAMAGE	453	53	25	161	108	41	5	4	1	1	48	1	0
	TOTAL	520	74	33	183	122	42	8	4	5	4	58	1	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
POP UNDER 1000	FATAL	5	3	3	1	0	1	0	0	1	0	3	1	0
	INJURY	164	51	21	47	35	12	16	0	0	0	75	0	0
	DAMAGE	373	105	24	74	73	48	1	2	0	0	146	1	1
	TOTAL	542	159	48	122	108	61	17	2	1	0	224	2	1
KNOX CO	FATAL	2	0	0	1	0	1	1	0	0	0	1	0	0
	INJURY	15	3	3	6	1	3	0	0	0	0	6	0	0
	DAMAGE	23	3	2	9	3	7	0	0	0	0	8	0	1
	TOTAL	40	6	5	16	4	11	1	0	0	0	15	0	1
EDINA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	1	0	1	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	3	0	1	1	0	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	2	0	0	1	0	1	1	0	0	0	1	0	0
	INJURY	13	3	2	5	1	2	0	0	0	0	6	0	0
	DAMAGE	22	3	2	9	3	7	0	0	0	0	8	0	1
	TOTAL	37	6	4	15	4	10	1	0	0	0	15	0	1
LACLEDE CO	FATAL	6	2	3	1	3	1	0	1	0	1	2	0	0
	INJURY	243	48	15	68	76	17	12	0	1	1	90	0	8
	DAMAGE	699	124	22	169	245	70	4	4	1	0	222	0	8
	TOTAL	948	174	40	238	324	88	16	5	2	2	314	0	16
LEBANON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	98	3	2	22	46	8	6	0	1	0	9	0	1
	DAMAGE	347	21	2	103	157	32	2	2	1	0	43	0	4
	TOTAL	445	24	4	125	203	40	8	2	2	0	52	0	5
POP UNDER 1000	FATAL	6	2	3	1	3	1	0	1	0	1	2	0	0
	INJURY	145	45	13	46	30	9	6	0	0	1	81	0	7
	DAMAGE	351	103	20	66	87	38	2	2	0	0	179	0	4
	TOTAL	502	150	36	113	120	48	8	3	0	2	262	0	11
LAFAYETTE CO	FATAL	4	0	1	1	2	1	1	0	0	0	0	0	0
	INJURY	148	41	18	45	42	16	10	0	0	4	57	0	1
	DAMAGE	558	129	19	120	153	78	1	3	0	0	194	2	3
	TOTAL	710	170	38	166	197	95	12	3	0	4	251	2	4
CONCORDIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	1	2	2	0	1	0	0	1	2	0	0
	DAMAGE	30	2	0	5	12	2	0	0	0	0	4	0	0
	TOTAL	35	3	1	7	14	2	1	0	0	1	6	0	0
HIGGINSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	0	0	2	4	0	1	0	0	0	1	0	0
	DAMAGE	73	10	2	19	24	5	0	1	0	0	7	0	0
	TOTAL	83	10	2	21	28	5	1	1	0	0	8	0	0
LEXINGTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	2	0	4	4	0	0	0	0	0	3	0	0
	DAMAGE	51	8	0	13	17	3	0	0	0	0	10	0	0
	TOTAL	62	10	0	17	21	3	0	0	0	0	13	0	0
ODESSA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	6	1	5	7	3	1	0	0	2	6	0	0
	DAMAGE	71	9	0	27	25	7	0	0	0	0	8	0	1
	TOTAL	90	15	1	32	32	10	1	0	0	2	14	0	1
POP UNDER 1000	FATAL	4	0	1	1	2	1	1	0	0	0	0	0	0
	INJURY	103	32	16	32	25	13	7	0	0	1	45	0	1
	DAMAGE	333	100	17	56	75	61	1	2	0	0	165	2	2
	TOTAL	440	132	34	89	102	75	9	2	0	1	210	2	3
LAWRENCE CO	FATAL	10	4	3	2	4	1	0	0	0	0	6	0	0
	INJURY	175	40	20	42	46	21	13	1	0	2	84	1	0
	DAMAGE	455	102	18	89	129	71	1	2	0	1	176	1	1
	TOTAL	640	146	41	133	179	93	14	3	0	3	266	2	1
AURORA	FATAL	2	1	0	0	0	0	0	0	0	0	2	0	0
	INJURY	31	5	0	11	10	3	2	0	0	1	8	0	0
	DAMAGE	90	9	6	23	34	6	1	0	0	0	14	0	0
	TOTAL	123	15	6	34	44	9	3	0	0	1	24	0	0
MARIONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	1	0	2	0	0	0	0	0	0	0	0
	DAMAGE	8	3	0	2	3	0	0	0	0	0	2	0	0
	TOTAL	12	3	1	2	5	0	0	0	0	0	2	0	0
MONETT/LAW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	1	1	1	0	0	0	0	0	3	0	0
	DAMAGE	12	1	1	4	5	0	0	0	0	0	2	0	0
	TOTAL	16	1	2	5	6	0	0	0	0	0	5	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
MOUNT VERNON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	0	3	4	0	1	0	0	0	2	0	0
	DAMAGE	38	2	2	10	17	5	0	1	0	0	5	0	0
	TOTAL	47	3	2	13	21	5	1	1	0	0	7	0	0
PIERCE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	1	0	1	0	0	0	1	0	0
	DAMAGE	8	1	1	3	1	0	0	0	0	1	2	0	0
	TOTAL	11	2	1	3	2	0	1	0	0	1	3	0	0
POP UNDER 1000	FATAL	8	3	3	2	4	1	0	0	0	0	4	0	0
	INJURY	124	33	18	27	28	18	9	1	0	1	70	1	0
	DAMAGE	299	86	8	47	69	60	0	1	0	0	151	1	1
	TOTAL	431	122	29	76	101	79	9	2	0	1	225	2	1
LEWIS CO	FATAL	1	0	1	1	0	1	0	0	0	0	0	0	0
	INJURY	36	14	3	12	8	7	0	0	1	0	10	0	0
	DAMAGE	133	31	1	24	37	28	0	2	0	0	35	0	1
	TOTAL	170	45	5	37	45	36	0	2	1	0	45	0	1
CANTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	1	1	0	0	0	0	0	0	0	0	0
	DAMAGE	14	2	1	4	5	2	0	0	0	0	5	0	0
	TOTAL	15	2	2	5	5	2	0	0	0	0	5	0	0
LA GRANGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	1	0	0	0	0
	DAMAGE	5	0	0	0	2	0	0	0	0	0	3	0	0
	TOTAL	6	0	0	0	3	0	0	0	1	0	3	0	0
POP UNDER 1000	FATAL	1	0	1	1	0	1	0	0	0	0	0	0	0
	INJURY	34	14	2	11	7	7	0	0	0	0	10	0	0
	DAMAGE	114	29	0	20	30	26	0	2	0	0	27	0	1
	TOTAL	149	43	3	32	37	34	0	2	0	0	37	0	1
LINCOLN CO	FATAL	7	5	2	0	2	1	0	0	0	0	2	0	0
	INJURY	207	42	11	74	52	16	14	1	1	5	65	1	1
	DAMAGE	577	87	21	168	157	68	2	6	1	0	110	0	1
	TOTAL	791	134	34	242	211	85	16	7	2	5	177	1	2
ELSBERRY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	0	0	0	0	0	0	0	0	0	0
MOSCOW MILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	0	2	2	1	1	0	0	0	2	0	1
	DAMAGE	44	5	4	10	11	3	0	0	0	0	10	0	0
	TOTAL	53	6	4	12	13	4	1	0	0	0	12	0	1
TROY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	56	3	1	17	17	4	1	0	1	4	6	0	0
	DAMAGE	218	11	1	80	61	15	0	1	1	0	18	0	1
	TOTAL	274	14	2	97	78	19	1	1	2	4	24	0	1
POP UNDER 1000	FATAL	7	5	2	0	2	1	0	0	0	0	2	0	0
	INJURY	142	38	10	55	33	11	12	1	0	1	57	1	0
	DAMAGE	313	71	16	78	85	50	2	5	0	0	82	0	0
	TOTAL	462	114	28	133	120	62	14	6	0	1	141	1	0
LINN CO	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	56	21	5	16	15	3	1	0	2	0	23	0	0
	DAMAGE	156	29	8	37	50	19	2	1	0	0	44	0	0
	TOTAL	213	51	13	53	65	22	3	1	2	0	68	0	0
BROOKFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	5	1	4	11	0	1	0	1	0	5	0	0
	DAMAGE	64	5	2	20	24	5	1	0	0	0	13	0	0
	TOTAL	85	10	3	24	35	5	2	0	1	0	18	0	0
MARCELINE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	14	1	1	2	4	0	0	0	0	0	4	0	0
	TOTAL	17	1	1	3	4	0	0	0	0	0	4	0	0
POP UNDER 1000	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	32	16	4	11	4	3	0	0	1	0	18	0	0
	DAMAGE	78	23	5	15	22	14	1	1	0	0	27	0	0
	TOTAL	111	40	9	26	26	17	1	1	1	0	46	0	0
LIVINGSTON CO	FATAL	3	0	0	0	2	3	0	0	0	0	0	0	0
	INJURY	84	31	12	27	29	4	5	0	2	4	25	0	1
	DAMAGE	327	53	12	76	122	41	0	2	0	2	58	0	6
	TOTAL	414	84	24	103	153	48	5	2	2	6	83	0	7

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
CHILLICOTHE	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	31	5	3	9	15	1	2	0	2	4	2	0	0
	DAMAGE	237	24	5	54	96	26	0	2	0	2	26	0	1
	TOTAL	269	29	8	63	112	28	2	2	2	6	28	0	1
POP UNDER 1000	FATAL	2	0	0	0	1	2	0	0	0	0	0	0	0
	INJURY	53	26	9	18	14	3	3	0	0	0	23	0	1
	DAMAGE	90	29	7	22	26	15	0	0	0	0	32	0	5
	TOTAL	145	55	16	40	41	20	3	0	0	0	55	0	6
MC DONALD CO	FATAL	7	4	3	1	0	0	1	0	0	0	6	0	0
	INJURY	162	60	26	39	40	14	15	0	1	2	78	0	1
	DAMAGE	229	67	26	51	46	29	0	1	0	0	98	0	0
	TOTAL	398	131	55	91	86	43	16	1	1	2	182	0	1
ANDERSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	2	3	7	3	2	0	0	0	0	10	0	0
	DAMAGE	32	4	2	13	7	2	0	0	0	0	4	0	0
	TOTAL	49	6	5	20	10	4	0	0	0	0	14	0	0
GOODMAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	1	1	0	0	0	0	0	0	0
	DAMAGE	4	1	1	2	2	0	0	0	0	0	1	0	0
	TOTAL	7	1	1	3	3	1	0	0	0	0	1	0	0
NOEL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	2	1	3	0	0	0	1	0	0
	DAMAGE	15	2	0	1	3	1	0	0	0	0	2	0	0
	TOTAL	19	3	0	2	5	2	3	0	0	0	3	0	0
POP UNDER 1000	FATAL	7	4	3	1	0	0	1	0	0	0	6	0	0
	INJURY	138	57	23	30	34	10	12	0	1	2	67	0	1
	DAMAGE	178	60	23	35	34	26	0	1	0	0	91	0	0
	TOTAL	323	121	49	66	68	36	13	1	1	2	164	0	1
MACON CO	FATAL	3	0	0	0	2	1	0	0	0	0	2	0	0
	INJURY	91	30	8	25	41	7	2	0	2	2	35	1	2
	DAMAGE	250	54	7	62	82	37	0	0	1	0	60	0	3
	TOTAL	344	84	15	87	125	45	2	0	3	2	97	1	5
LA PLATA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	9	2	0	3	5	0	0	0	1	0	2	0	0
	TOTAL	10	2	0	3	6	0	0	0	1	0	2	0	0
MACON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	7	2	11	21	2	1	0	2	2	4	0	1
	DAMAGE	134	15	1	39	57	19	0	0	0	0	13	0	2
	TOTAL	168	22	3	50	78	21	1	0	2	2	17	0	3
POP UNDER 1000	FATAL	3	0	0	0	2	1	0	0	0	0	2	0	0
	INJURY	56	23	6	14	19	5	1	0	0	0	31	1	1
	DAMAGE	107	37	6	20	20	18	0	0	0	0	45	0	1
	TOTAL	166	60	12	34	41	24	1	0	0	0	78	1	2
MADISON CO	FATAL	2	1	0	0	1	1	0	0	0	0	1	0	0
	INJURY	70	16	9	20	20	2	5	1	0	0	40	0	1
	DAMAGE	122	37	4	24	46	15	0	0	0	0	46	0	7
	TOTAL	194	54	13	44	67	18	5	1	0	0	87	0	8
FREDERICKTOWN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	1	3	0	1	0	0	0	2	0	0
	DAMAGE	33	4	0	10	16	3	0	0	0	0	3	0	2
	TOTAL	39	4	0	11	19	3	1	0	0	0	5	0	2
POP UNDER 1000	FATAL	2	1	0	0	1	1	0	0	0	0	1	0	0
	INJURY	64	16	9	19	17	2	4	1	0	0	38	0	1
	DAMAGE	89	33	4	14	30	12	0	0	0	0	43	0	5
	TOTAL	155	50	13	33	48	15	4	1	0	0	82	0	6
MARIES CO	FATAL	4	0	1	0	2	1	0	0	0	0	0	0	0
	INJURY	58	24	5	15	20	6	3	0	0	1	33	0	0
	DAMAGE	82	15	3	11	28	10	1	1	0	0	35	0	0
	TOTAL	144	39	9	26	50	17	4	1	0	1	68	0	0
BELLE/MAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	2	0	1	1	0	0	0	0	0	1	0	0
	TOTAL	3	2	0	1	1	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	4	0	1	0	2	1	0	0	0	0	0	0	0
	INJURY	58	24	5	15	20	6	3	0	0	1	33	0	0
	DAMAGE	79	13	3	10	27	10	1	1	0	0	34	0	0
	TOTAL	141	37	9	25	49	17	4	1	0	1	67	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UNDR21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
MARION CO	FATAL	6	1	1	3	3	2	2	0	0	1	0	0	1
	INJURY	138	44	14	34	44	17	7	0	3	9	42	0	2
	DAMAGE	658	114	26	139	191	68	5	1	0	1	124	1	7
	TOTAL	802	159	41	176	238	87	14	1	3	11	166	1	10
HANNIBAL/MAR	FATAL	3	1	1	2	1	0	1	0	0	1	0	0	0
	INJURY	71	20	9	21	21	4	3	0	3	5	19	0	1
	DAMAGE	470	66	22	92	138	35	4	1	0	1	68	0	2
	TOTAL	544	87	32	115	160	39	8	1	3	7	87	0	3
MONROE CITY/MAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	1	1	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	1	1	0	0	0	0	0	0	0	0
PALMYRA	FATAL	1	0	0	0	1	1	1	0	0	0	0	0	0
	INJURY	16	0	0	5	9	1	2	0	0	2	2	0	0
	DAMAGE	55	5	1	16	22	5	1	0	0	0	11	0	0
	TOTAL	72	5	1	21	32	7	4	0	0	2	13	0	0
POP UNDER 1000	FATAL	2	0	0	1	1	1	0	0	0	0	0	0	1
	INJURY	51	24	5	8	14	12	2	0	0	2	21	0	1
	DAMAGE	131	43	3	30	30	28	0	0	0	0	45	1	5
	TOTAL	184	67	8	39	45	41	2	0	0	2	66	1	7
MERCER CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	8	1	7	6	2	3	0	0	0	12	0	0
	DAMAGE	31	11	1	7	5	8	0	1	0	0	10	0	2
	TOTAL	57	19	2	14	11	10	3	1	0	0	22	0	2
PRINCETON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	2	0	1	0	0	1	0	1	0	0	1	0	0
	TOTAL	3	0	1	0	1	1	0	1	0	0	1	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	8	1	7	5	2	3	0	0	0	12	0	0
	DAMAGE	29	11	0	7	5	7	0	0	0	0	9	0	2
	TOTAL	54	19	1	14	10	9	3	0	0	0	21	0	2
MILLER CO	FATAL	3	2	2	0	1	0	0	0	0	0	2	0	0
	INJURY	150	46	29	35	35	11	16	3	0	1	73	1	1
	DAMAGE	400	90	29	110	114	34	1	4	1	0	122	0	4
	TOTAL	553	138	60	145	150	45	17	7	1	1	197	1	5
ELDON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	2	1	5	4	1	2	0	0	0	2	0	0
	DAMAGE	92	7	5	26	35	8	0	1	1	0	9	0	0
	TOTAL	108	9	6	31	39	9	2	1	1	0	11	0	0
LAKE OZA/MIL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	5	6	6	9	5	2	1	0	0	12	0	1
	DAMAGE	93	11	0	24	32	4	1	1	0	0	16	0	2
	TOTAL	124	16	6	30	41	9	3	2	0	0	28	0	3
OSAGE BEA/MIL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	1	0	1	1	0	0	1	0	0
	DAMAGE	23	1	0	9	9	4	0	1	0	0	3	0	1
	TOTAL	26	2	0	10	10	4	1	2	0	0	4	0	1
POP UNDER 1000	FATAL	3	2	2	0	1	0	0	0	0	0	2	0	0
	INJURY	100	38	22	23	21	5	11	1	0	1	58	1	0
	DAMAGE	192	71	24	51	38	18	0	1	0	0	94	0	1
	TOTAL	295	111	48	74	60	23	11	2	0	1	154	1	1
MISSISSIPPI CO	FATAL	2	1	1	0	0	0	0	0	0	0	2	0	0
	INJURY	51	21	8	10	11	4	6	0	0	0	20	0	0
	DAMAGE	129	23	6	23	45	23	0	1	0	0	28	0	3
	TOTAL	182	45	15	33	56	27	6	1	0	0	50	0	3
CHARLESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	0
EAST PRAIRIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	1	2	0	0	0	0	0	0	0	0
	DAMAGE	40	2	0	9	22	1	0	1	0	0	1	0	0
	TOTAL	42	2	1	10	24	1	0	1	0	0	1	0	0
POP UNDER 1000	FATAL	2	1	1	0	0	0	0	0	0	0	2	0	0
	INJURY	48	21	7	9	9	4	6	0	0	0	20	0	0
	DAMAGE	89	21	6	14	23	22	0	0	0	0	27	0	3
	TOTAL	139	43	14	23	32	26	6	0	0	0	49	0	3

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UNDR21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
MONITEAU CO	FATAL	3	2	1	1	0	0	1	0	0	0	2	0	0
	INJURY	69	27	4	21	17	7	2	1	2	0	31	0	3
	DAMAGE	206	52	6	48	54	23	1	1	0	0	81	0	4
	TOTAL	278	81	11	70	71	30	4	2	2	0	114	0	7
CALIFORNIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	0	0	8	6	2	0	1	2	0	1	0	0
	DAMAGE	68	5	0	19	24	8	1	0	0	0	12	0	0
	TOTAL	84	5	0	27	30	10	1	1	2	0	13	0	0
TIPTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	22	2	0	4	10	2	0	0	0	0	2	0	1
	TOTAL	22	2	0	4	10	2	0	0	0	0	2	0	1
POP UNDER 1000	FATAL	3	2	1	1	0	0	1	0	0	0	2	0	0
	INJURY	53	27	4	13	11	5	2	0	0	0	30	0	3
	DAMAGE	116	45	6	25	20	13	0	1	0	0	67	0	3
	TOTAL	172	74	11	39	31	18	3	1	0	0	99	0	6
MONROE CO	FATAL	3	2	2	2	0	0	0	0	0	0	2	0	0
	INJURY	36	16	4	11	7	5	4	0	1	0	19	0	0
	DAMAGE	96	8	5	22	25	12	1	1	0	0	24	0	0
	TOTAL	135	26	11	35	32	17	5	1	1	0	45	0	0
MONROE CITY/MON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	2	0	0	0	1	0	0	0	0	0	0
	DAMAGE	21	2	1	10	6	1	0	1	0	0	3	0	0
	TOTAL	23	2	3	10	6	1	1	1	0	0	3	0	0
PARIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	2	0	1	0	0	0	0	0	0
	DAMAGE	4	0	0	2	3	0	0	0	0	0	0	0	0
	TOTAL	8	0	0	3	5	0	1	0	0	0	0	0	0
SHELBYNA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	3	2	2	2	0	0	0	0	0	0	2	0	0
	INJURY	30	16	2	10	5	5	2	0	1	0	19	0	0
	DAMAGE	70	6	4	10	16	11	1	0	0	0	21	0	0
	TOTAL	103	24	8	22	21	16	3	0	1	0	42	0	0
MONTGOMERY CO	FATAL	3	2	1	0	2	0	0	0	0	0	3	0	0
	INJURY	70	24	5	12	23	12	6	1	2	3	26	0	1
	DAMAGE	258	91	12	56	70	52	1	0	0	0	116	1	4
	TOTAL	331	117	18	68	95	64	7	1	2	3	145	1	5
MONTGOMERY CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	0	2	4	2	0	0	1	1	2	0	0
	DAMAGE	27	4	1	7	8	2	0	0	0	0	8	0	1
	TOTAL	35	4	1	9	12	4	0	0	1	1	10	0	1
WELLSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	1	1	1	0	0	0	1	0	2	0	0
	DAMAGE	3	1	0	1	1	1	0	0	0	0	1	0	0
	TOTAL	6	1	1	2	2	1	0	0	1	0	3	0	0
POP UNDER 1000	FATAL	3	2	1	0	2	0	0	0	0	0	3	0	0
	INJURY	59	24	4	9	18	10	6	1	0	2	22	0	1
	DAMAGE	228	86	11	48	61	49	1	0	0	0	107	1	3
	TOTAL	290	112	16	57	81	59	7	1	0	2	132	1	4
MORGAN CO	FATAL	4	2	0	1	4	0	0	0	0	0	1	0	0
	INJURY	106	46	14	23	29	4	12	1	1	2	53	0	1
	DAMAGE	255	80	22	48	83	27	2	1	0	0	93	0	0
	TOTAL	365	128	36	72	116	31	14	2	1	2	147	0	1
VERSAILLES	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	5	0	1	4	3	0	0	0	0	2	0	0	0
	DAMAGE	40	5	6	9	15	2	1	0	0	0	6	0	0
	TOTAL	46	5	7	13	19	2	1	0	0	2	6	0	0
POP UNDER 1000	FATAL	3	2	0	1	3	0	0	0	0	0	1	0	0
	INJURY	101	46	13	19	26	4	12	1	1	0	53	0	1
	DAMAGE	215	75	16	39	68	25	1	1	0	0	87	0	0
	TOTAL	319	123	29	59	97	29	13	2	1	0	141	0	1
NEW MADRID CO	FATAL	12	5	3	1	6	0	2	0	0	0	4	0	0
	INJURY	123	24	14	21	35	9	3	0	0	2	49	0	3
	DAMAGE	244	43	12	35	75	56	0	1	0	0	65	1	2
	TOTAL	379	72	29	57	116	65	5	1	0	2	118	1	5

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
GIDEON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	5	0	0	2	1	1	0	0	0	0	0	0	0
	TOTAL	6	0	0	3	1	1	0	0	0	0	0	0	0
LILBOURN	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	0	0	0	0	0	0	0	0
MOREHOUSE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	0
NEW MADRID	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	0	2	3	0	0	0	0	2	1	0	0
	DAMAGE	25	1	2	2	10	2	0	0	0	5	0	0	1
	TOTAL	33	1	2	4	13	2	0	0	0	2	6	0	1
PORTAGEVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	3	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	4	0	0	1	0	0	0	0	0	0	1	0	0
SIKESTON/NEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	2	1	1	8	0	0	0	0	0	4	0	0
	DAMAGE	52	5	1	7	24	7	0	0	0	0	10	0	0
	TOTAL	71	7	2	8	32	7	0	0	0	0	14	0	0
POP UNDER 1000	FATAL	11	5	3	1	5	0	2	0	0	0	4	0	0
	INJURY	94	22	13	17	24	9	3	0	0	0	43	0	3
	DAMAGE	158	37	9	23	40	46	0	1	0	0	50	1	1
	TOTAL	263	64	25	41	69	55	5	1	0	0	97	1	4
NEWTON CO	FATAL	16	5	4	2	2	2	5	0	0	1	5	0	0
	INJURY	327	103	35	108	75	24	27	2	1	5	135	0	1
	DAMAGE	746	114	29	176	225	95	9	3	0	1	212	0	1
	TOTAL	1,089	222	68	286	302	121	41	5	1	7	352	0	2
GRANBY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	4	0	4	1	1	0	0	0	0	3	0	0
	DAMAGE	7	3	0	0	3	0	0	0	0	0	3	0	0
	TOTAL	14	7	0	4	4	1	0	0	0	0	6	0	0
JOPLIN/NEW	FATAL	2	0	0	1	0	0	1	0	0	1	0	0	0
	INJURY	53	15	3	20	14	5	6	0	0	0	17	0	0
	DAMAGE	244	24	5	51	81	45	0	1	0	0	50	0	1
	TOTAL	299	39	8	72	95	50	7	1	0	1	67	0	1
NEOSHO	FATAL	1	0	1	0	0	0	1	0	0	0	1	0	0
	INJURY	60	8	7	13	22	3	4	0	0	2	18	0	0
	DAMAGE	169	22	4	45	50	18	4	1	0	1	37	0	0
	TOTAL	230	30	12	58	72	21	9	1	0	3	56	0	0
SENECA	FATAL	2	1	0	0	0	1	1	0	0	0	0	0	0
	INJURY	11	1	1	2	2	1	0	1	0	0	3	0	0
	DAMAGE	33	4	0	12	9	0	0	0	0	0	9	0	0
	TOTAL	46	6	1	14	11	2	1	1	0	0	12	0	0
POP UNDER 1000	FATAL	11	4	3	1	2	1	2	0	0	0	4	0	0
	INJURY	196	75	24	69	36	14	17	1	1	3	94	0	1
	DAMAGE	293	61	20	68	82	32	5	1	0	0	113	0	0
	TOTAL	500	140	47	138	120	47	24	2	1	3	211	0	1
NODAWAY CO	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	88	24	12	29	22	5	2	0	0	2	22	0	0
	DAMAGE	316	63	8	109	90	25	1	2	0	0	59	2	3
	TOTAL	405	87	21	138	113	30	3	2	0	2	81	2	3
MARYVILLE	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	33	4	1	15	8	0	1	0	0	1	0	0	0
	DAMAGE	217	27	7	87	68	7	1	1	0	0	22	0	3
	TOTAL	251	31	9	102	77	7	2	1	0	1	22	0	3
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	55	20	11	14	14	5	1	0	0	1	22	0	0
	DAMAGE	99	36	1	22	22	18	0	1	0	0	37	2	0
	TOTAL	154	56	12	36	36	23	1	1	0	1	59	2	0
OREGON CO	FATAL	3	2	0	1	1	0	1	0	0	0	2	0	0
	INJURY	70	23	9	23	17	8	6	0	1	0	31	0	0
	DAMAGE	118	26	8	28	25	17	0	3	0	0	50	0	0
	TOTAL	191	51	17	52	43	25	7	3	1	0	83	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
THAYER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	2	1	4	0	1	0	1	0	1	0	0
	DAMAGE	29	3	3	7	8	3	0	0	0	0	12	0	0
	TOTAL	37	3	5	8	12	3	1	0	1	0	13	0	0
POP UNDER 1000	FATAL	3	2	0	1	1	0	1	0	0	0	2	0	0
	INJURY	62	23	7	22	13	8	5	0	0	0	30	0	0
	DAMAGE	89	23	5	21	17	14	0	3	0	0	38	0	0
	TOTAL	154	48	12	44	31	22	6	3	0	0	70	0	0
OSAGE CO	FATAL	4	2	2	2	1	1	1	0	0	0	2	0	0
	INJURY	62	32	6	22	15	5	5	1	0	1	29	0	0
	DAMAGE	186	45	7	58	42	32	0	0	0	0	70	1	0
	TOTAL	252	79	15	82	58	38	6	1	0	1	101	1	0
LINN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	3	1	0	0	0	0	0	0	0
	DAMAGE	19	0	0	11	4	3	0	0	0	0	0	0	0
	TOTAL	22	1	0	12	7	4	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	4	2	2	2	1	1	1	0	0	0	2	0	0
	INJURY	59	31	6	21	12	4	5	1	0	1	29	0	0
	DAMAGE	167	45	7	47	38	29	0	0	0	0	70	1	0
	TOTAL	230	78	15	70	51	34	6	1	0	1	101	1	0
OZARK CO	FATAL	2	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	54	20	9	15	15	5	5	0	0	0	29	1	0
	DAMAGE	63	16	11	19	16	6	0	1	0	0	31	0	0
	TOTAL	119	37	20	34	32	11	5	1	0	0	61	1	0
POP UNDER 1000	FATAL	2	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	54	20	9	15	15	5	5	0	0	0	29	1	0
	DAMAGE	63	16	11	19	16	6	0	1	0	0	31	0	0
	TOTAL	119	37	20	34	32	11	5	1	0	0	61	1	0
PEMISCOT CO	FATAL	5	1	1	0	3	2	0	0	0	0	2	0	0
	INJURY	147	33	13	32	39	11	6	0	1	3	58	0	3
	DAMAGE	321	47	19	45	99	60	1	0	1	0	87	0	19
	TOTAL	473	81	33	77	141	73	7	0	2	3	147	0	22
CARUTHERSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	1	1	5	10	0	0	0	1	1	1	0	0
	DAMAGE	89	4	9	22	28	5	0	0	1	0	15	0	1
	TOTAL	117	5	10	27	38	5	0	0	2	1	16	0	1
HAYTI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	3	3	3	7	0	1	0	0	0	5	0	0
	DAMAGE	49	2	3	3	21	12	0	0	0	0	8	0	1
	TOTAL	65	5	6	6	28	12	1	0	0	0	13	0	1
STEELE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	1	1	3	0	0	0	0	1	1	0	0
	DAMAGE	24	2	2	5	4	1	0	0	0	0	2	0	0
	TOTAL	31	4	3	6	7	1	0	0	0	1	3	0	0
POP UNDER 1000	FATAL	5	1	1	0	3	2	0	0	0	0	2	0	0
	INJURY	96	27	8	23	19	11	5	0	0	1	51	0	3
	DAMAGE	159	39	5	15	46	42	1	0	0	0	62	0	17
	TOTAL	260	67	14	38	68	55	6	0	0	1	115	0	20
PERRY CO	FATAL	4	3	2	0	2	0	1	0	0	0	1	0	0
	INJURY	92	15	12	35	34	16	1	1	1	0	30	1	2
	DAMAGE	364	54	13	91	92	59	3	0	0	0	85	0	3
	TOTAL	460	72	27	126	128	75	5	1	1	0	116	1	5
PERRYVILLE	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	42	6	4	21	17	6	1	1	1	0	5	0	0
	DAMAGE	211	18	5	61	66	22	1	0	0	0	19	0	1
	TOTAL	254	25	9	82	83	28	2	1	1	0	24	0	1
POP UNDER 1000	FATAL	3	2	2	0	2	0	1	0	0	0	1	0	0
	INJURY	50	9	8	14	17	10	0	0	0	0	25	1	2
	DAMAGE	153	36	8	30	26	37	2	0	0	0	66	0	2
	TOTAL	206	47	18	44	45	47	3	0	0	0	92	1	4
PETTIS CO	FATAL	11	2	2	1	6	3	1	0	0	0	4	0	0
	INJURY	354	79	30	105	109	18	18	1	6	12	87	1	3
	DAMAGE	968	143	31	216	315	90	5	5	0	0	154	0	0
	TOTAL	1,333	224	63	322	430	111	24	6	6	12	245	1	3
LA MONTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	0	0	0	0	0	1	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	0	0	0	0	0	0	1	0	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
SEDALIA	FATAL	2	1	0	0	1	0	0	0	0	0	0	0	0
	INJURY	199	23	12	64	78	12	6	0	5	9	12	0	2
	DAMAGE	709	72	21	168	247	63	5	3	0	0	64	0	0
	TOTAL	910	96	33	232	326	75	11	3	5	9	76	0	2
POP UNDER 1000	FATAL	9	1	2	1	5	3	1	0	0	0	4	0	0
	INJURY	153	56	18	41	31	6	12	1	1	2	75	1	1
	DAMAGE	259	71	10	48	68	27	0	2	0	0	90	0	0
	TOTAL	421	128	30	90	104	36	13	3	1	2	169	1	1
PHELPS CO	FATAL	4	2	2	0	0	0	0	0	0	1	3	0	0
	INJURY	340	114	21	79	79	34	30	1	4	7	127	0	1
	DAMAGE	1,225	306	27	278	311	158	5	7	1	1	386	0	10
	TOTAL	1,569	422	50	357	390	192	35	8	5	9	516	0	11
ROLLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	153	20	7	44	43	9	13	0	3	5	23	0	0
	DAMAGE	674	81	11	171	198	71	2	3	1	1	94	0	5
	TOTAL	827	101	18	215	241	80	15	3	4	6	117	0	5
ST. JAMES	FATAL	2	1	1	0	0	0	0	0	0	1	1	0	0
	INJURY	20	7	1	6	3	3	2	0	0	0	8	0	0
	DAMAGE	91	22	3	26	24	14	2	2	0	0	29	0	0
	TOTAL	113	30	5	32	27	17	4	2	0	1	38	0	0
POP UNDER 1000	FATAL	2	1	1	0	0	0	0	0	0	0	2	0	0
	INJURY	167	87	13	29	33	22	15	1	1	2	96	0	1
	DAMAGE	460	203	13	81	89	73	1	2	0	0	263	0	5
	TOTAL	629	291	27	110	122	95	16	3	1	2	361	0	6
PIKE CO	FATAL	4	0	2	0	2	0	0	0	0	1	1	0	0
	INJURY	53	20	3	10	14	5	1	0	0	2	25	0	0
	DAMAGE	203	54	6	44	61	26	1	1	1	0	60	1	2
	TOTAL	260	74	11	54	77	31	2	1	1	3	86	1	2
BOWLING GREEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	0	0	1	5	1	1	0	0	1	3	0	0
	DAMAGE	52	8	0	13	22	4	0	1	1	0	8	0	1
	TOTAL	63	8	0	14	27	5	1	1	1	1	11	0	1
LOUISIANA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	1	1	3	6	1	0	0	0	1	2	0	0
	DAMAGE	52	7	3	17	12	6	1	0	0	0	12	0	0
	TOTAL	63	8	4	20	18	7	1	0	0	1	14	0	0
POP UNDER 1000	FATAL	4	0	2	0	2	0	0	0	0	1	1	0	0
	INJURY	31	19	2	6	3	3	0	0	0	0	20	0	0
	DAMAGE	99	39	3	14	27	16	0	0	0	0	40	1	1
	TOTAL	134	58	7	20	32	19	0	0	0	1	61	1	1
PLATTE CO	FATAL	14	9	6	0	2	2	3	0	0	1	8	0	0
	INJURY	443	100	28	103	111	28	31	1	2	14	122	1	13
	DAMAGE	1,778	283	50	387	435	156	8	11	0	1	374	1	41
	TOTAL	2,235	392	84	490	548	186	42	12	2	16	504	2	54
KANSAS CITY/PLA	FATAL	7	5	3	0	2	1	2	0	0	1	2	0	0
	INJURY	274	49	11	63	62	14	11	1	2	9	64	1	11
	DAMAGE	963	119	26	194	232	71	3	6	0	1	149	0	36
	TOTAL	1,244	173	40	257	296	86	16	7	2	11	215	1	47
LAKE WAUKOMIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	0	2	0	0	0	0	0	1	0	0
	TOTAL	2	0	0	0	2	0	0	0	0	0	1	0	0
PARKVILLE	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	41	10	5	12	10	6	2	0	0	1	15	0	0
	DAMAGE	167	29	1	49	36	10	0	1	0	0	37	0	0
	TOTAL	209	40	6	61	46	16	2	1	0	1	52	0	0
PLATTE CITY	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	23	5	1	5	9	1	3	0	0	2	7	0	2
	DAMAGE	154	23	1	48	51	20	1	1	0	0	32	0	1
	TOTAL	178	29	2	53	60	21	4	1	0	2	40	0	3
RIVERSIDE	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	36	16	4	8	12	1	4	0	0	1	10	0	0
	DAMAGE	116	25	5	17	36	11	1	0	0	0	28	0	2
	TOTAL	153	42	10	25	48	12	5	0	0	1	39	0	2
WEATHERBY LAKE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	1	0	0	0	1	0	0
	DAMAGE	8	2	0	2	0	2	0	0	0	0	5	0	0
	TOTAL	9	2	0	2	1	2	1	0	0	0	6	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
WESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	2	0	0	0	0	0	0	2	0	0
	DAMAGE	28	5	0	5	5	4	0	0	0	0	8	0	0
	TOTAL	33	6	0	7	5	4	0	0	0	0	10	0	0
POP UNDER 1000	FATAL	4	1	2	0	0	1	1	0	0	0	4	0	0
	INJURY	63	19	7	13	17	6	10	0	0	1	23	0	0
	DAMAGE	335	78	17	71	72	38	3	3	0	0	113	1	2
	TOTAL	402	98	26	84	89	45	14	3	0	1	140	1	2
POLK CO	FATAL	5	3	1	2	4	1	0	0	0	0	1	0	0
	INJURY	176	70	17	41	51	16	4	1	1	6	66	0	4
	DAMAGE	313	80	9	83	97	37	2	4	0	0	85	0	7
	TOTAL	494	153	27	126	152	54	6	5	1	6	152	0	11
BOLIVAR	FATAL	4	2	1	1	4	1	0	0	0	0	1	0	0
	INJURY	45	8	2	7	21	8	0	1	1	3	5	0	0
	DAMAGE	140	14	2	41	50	19	1	4	0	0	13	0	0
	TOTAL	189	24	5	49	75	28	1	5	1	3	19	0	0
POP UNDER 1000	FATAL	1	1	0	1	0	0	0	0	0	0	0	0	0
	INJURY	131	62	15	34	30	8	4	0	0	3	61	0	4
	DAMAGE	173	66	7	42	47	18	1	0	0	0	72	0	7
	TOTAL	305	129	22	77	77	26	5	0	0	3	133	0	11
PULASKI CO	FATAL	6	1	1	2	2	1	0	0	0	1	1	0	0
	INJURY	251	62	21	58	47	26	24	2	0	5	100	0	2
	DAMAGE	817	188	37	182	167	72	9	7	0	0	304	0	1
	TOTAL	1,074	251	59	242	216	99	33	9	0	6	405	0	3
CROCKER	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	1	0	0	0	0	0	0	0	0	1	0	0
	TOTAL	4	1	0	0	1	1	0	0	0	0	1	0	0
DIXON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	2	2	3	2	0	0	0	1	2	0	0
	DAMAGE	23	3	0	6	2	4	0	0	0	0	4	0	0
	TOTAL	33	5	2	8	5	6	0	0	0	1	6	0	0
RICHLAND/PUL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	2	0	2	0	0	0	0	0	0
	DAMAGE	16	1	0	2	5	3	0	0	0	0	4	0	0
	TOTAL	19	1	0	2	7	3	2	0	0	0	4	0	0
ST. ROBERT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	100	18	3	23	20	8	12	1	0	2	27	0	2
	DAMAGE	311	49	18	72	58	24	1	1	0	0	89	0	0
	TOTAL	411	67	21	95	78	32	13	2	0	2	116	0	2
WAYNESVILLE	FATAL	1	0	1	0	0	0	0	0	0	1	0	0	0
	INJURY	33	9	4	9	6	2	2	1	0	1	11	0	0
	DAMAGE	172	40	7	42	46	17	5	3	0	0	48	0	0
	TOTAL	206	49	12	51	52	19	7	4	0	2	59	0	0
POP UNDER 1000	FATAL	4	1	0	2	1	0	0	0	0	0	1	0	0
	INJURY	105	33	12	24	16	14	8	0	0	1	60	0	0
	DAMAGE	293	94	12	60	57	24	3	3	0	0	158	0	1
	TOTAL	402	128	24	86	74	38	11	3	0	1	219	0	1
PUTNAM CO	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	10	4	1	2	3	2	0	0	0	0	4	0	0
	DAMAGE	46	9	1	8	16	8	0	1	0	0	8	0	1
	TOTAL	57	14	2	10	19	10	0	1	0	0	13	0	1
UNIONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	18	1	0	4	9	0	0	1	0	0	0	0	1
	TOTAL	18	1	0	4	9	0	0	1	0	0	0	0	1
POP UNDER 1000	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	10	4	1	2	3	2	0	0	0	0	4	0	0
	DAMAGE	28	8	1	4	7	8	0	0	0	0	8	0	0
	TOTAL	39	13	2	6	10	10	0	0	0	0	13	0	0
RALLS CO	FATAL	2	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	66	35	6	22	21	5	6	0	0	0	30	1	0
	DAMAGE	150	55	10	38	38	36	0	2	0	0	57	0	0
	TOTAL	218	90	16	60	59	41	6	2	0	0	88	1	0
HANNIBAL/RAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	0	1	0	0	0	0	1	0	0
	DAMAGE	12	4	1	2	2	4	0	0	0	0	2	0	0
	TOTAL	14	4	1	2	2	5	0	0	0	0	3	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
MONROE CITY/RAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	0	0	2	0	0	0	0	0	0	0	0	0
	TOTAL	3	0	0	2	0	0	0	0	0	0	0	0	0
NEW LONDON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	1	0	1	0	0	0	0	0	0
	DAMAGE	7	0	1	2	2	2	0	0	0	0	3	0	0
	TOTAL	8	0	1	3	3	2	1	0	0	0	3	0	0
POP UNDER 1000	FATAL	2	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	63	35	6	21	20	4	5	0	0	0	29	1	0
	DAMAGE	128	51	8	32	34	30	0	2	0	0	52	0	0
	TOTAL	193	86	14	53	54	34	5	2	0	0	82	1	0
RANDOLPH CO	FATAL	5	2	0	3	2	1	0	0	0	0	1	0	0
	INJURY	165	45	10	51	61	8	3	0	2	5	43	0	2
	DAMAGE	462	87	10	104	166	45	0	3	0	0	99	0	8
	TOTAL	632	134	20	158	229	54	3	3	2	5	143	0	10
HUNTSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	1	0	0
	DAMAGE	7	0	1	1	2	0	0	0	0	0	2	0	0
	TOTAL	8	0	1	2	2	0	0	0	0	0	3	0	0
MOBERLY	FATAL	2	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	101	14	4	31	47	5	2	0	2	5	12	0	2
	DAMAGE	329	40	7	73	130	32	0	2	0	0	50	0	8
	TOTAL	432	54	11	105	178	37	2	2	2	5	62	0	10
POP UNDER 1000	FATAL	3	2	0	2	1	1	0	0	0	0	1	0	0
	INJURY	63	31	6	19	14	3	1	0	0	0	30	0	0
	DAMAGE	126	47	2	30	34	13	0	1	0	0	47	0	0
	TOTAL	192	80	8	51	49	17	1	1	0	0	78	0	0
RAY CO	FATAL	2	1	0	1	2	0	0	0	0	0	0	0	0
	INJURY	87	37	12	24	24	5	7	1	0	5	45	0	0
	DAMAGE	239	58	12	64	69	19	1	6	0	0	64	0	0
	TOTAL	328	96	24	89	95	24	8	7	0	5	109	0	0
LAWSON/RAY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	3	1	0	0	0	2	0	0	0
	DAMAGE	22	2	1	8	4	1	0	1	0	0	4	0	0
	TOTAL	25	3	1	8	7	2	0	1	0	2	4	0	0
RICHMOND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	3	2	2	6	1	2	0	0	3	3	0	0
	DAMAGE	90	8	5	23	35	1	1	0	0	0	10	0	0
	TOTAL	109	11	7	25	41	2	3	0	0	3	13	0	0
POP UNDER 1000	FATAL	2	1	0	1	2	0	0	0	0	0	0	0	0
	INJURY	65	33	10	22	15	3	5	1	0	0	42	0	0
	DAMAGE	127	48	6	33	30	17	0	5	0	0	50	0	0
	TOTAL	194	82	16	56	47	20	5	6	0	0	92	0	0
REYNOLDS CO	FATAL	2	1	0	0	1	1	0	0	0	0	1	0	0
	INJURY	46	32	8	10	10	1	2	0	0	0	28	0	0
	DAMAGE	53	21	2	12	8	5	0	1	0	0	24	0	1
	TOTAL	101	54	10	22	19	7	2	1	0	0	53	0	1
POP UNDER 1000	FATAL	2	1	0	0	1	1	0	0	0	0	1	0	0
	INJURY	46	32	8	10	10	1	2	0	0	0	28	0	0
	DAMAGE	53	21	2	12	8	5	0	1	0	0	24	0	1
	TOTAL	101	54	10	22	19	7	2	1	0	0	53	0	1
RIPLEY CO	FATAL	3	1	2	0	0	0	1	0	0	0	2	0	0
	INJURY	87	29	13	17	24	1	5	0	1	2	42	0	0
	DAMAGE	160	21	9	39	53	9	1	1	0	0	46	0	3
	TOTAL	250	51	24	56	77	10	7	1	1	2	90	0	3
DONIPHAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	3	1	2	5	1	1	0	0	1	2	0	0
	DAMAGE	46	1	1	14	16	2	0	0	0	0	5	0	1
	TOTAL	57	4	2	16	21	3	1	0	0	1	7	0	1
POP UNDER 1000	FATAL	3	1	2	0	0	0	1	0	0	0	2	0	0
	INJURY	76	26	12	15	19	0	4	0	1	1	40	0	0
	DAMAGE	114	20	8	25	37	7	1	1	0	0	41	0	2
	TOTAL	193	47	22	40	56	7	6	1	1	1	83	0	2
ST. CHARLES CO	FATAL	27	11	9	3	11	1	5	0	0	3	12	0	0
	INJURY	1,570	303	121	486	459	96	83	9	31	36	293	0	37
	DAMAGE	6,002	905	261	1,749	1,576	511	27	44	6	8	918	6	125
	TOTAL	7,599	1,219	391	2,238	2,046	608	115	53	37	47	1,223	6	162

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
COTTLEVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	38	6	2	18	11	0	1	0	1	1	3	0	0
	DAMAGE	165	44	5	89	35	3	1	0	0	0	25	0	3
	TOTAL	203	50	7	107	46	3	2	0	1	1	28	0	3
DARDENNE PRAIRIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	1	0	6	3	0	1	0	0	1	1	0	0
	DAMAGE	88	15	4	35	20	4	0	1	0	0	7	0	1
	TOTAL	105	16	4	41	23	4	1	1	0	1	8	0	1
FORISTELL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	11	6	0	1	5	5	0	0	0	0	3	0	0
	TOTAL	12	7	0	1	5	6	0	0	0	0	4	0	0
LAKE ST. LOUIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	58	14	6	25	16	4	0	0	1	3	11	0	0
	DAMAGE	226	50	8	65	55	23	0	1	0	0	59	0	0
	TOTAL	284	64	14	90	71	27	0	1	1	3	70	0	0
O'FALLON	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	337	55	19	125	95	22	7	2	9	5	40	0	2
	DAMAGE	1,262	164	43	401	326	110	6	7	5	4	148	0	7
	TOTAL	1,600	219	63	526	422	132	13	9	14	9	188	0	9
ST. CHARLES	FATAL	6	2	3	0	1	1	2	0	0	1	2	0	0
	INJURY	282	43	24	68	99	16	17	5	2	14	53	0	7
	DAMAGE	1,608	186	87	382	470	74	10	5	0	1	213	2	32
	TOTAL	1,896	231	114	450	570	91	29	10	2	16	268	2	39
ST. PAUL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	2	0	3	1	0	0	0	0	0	2	0	0
	DAMAGE	5	4	0	3	1	0	0	0	0	0	2	0	0
	TOTAL	10	6	0	6	2	0	0	0	0	0	4	0	0
ST. PETERS	FATAL	2	0	0	0	2	0	1	0	0	0	1	0	0
	INJURY	331	39	16	104	111	15	7	0	11	3	35	0	13
	DAMAGE	1,090	122	32	334	329	109	4	12	1	1	122	2	43
	TOTAL	1,423	161	48	438	442	124	12	12	12	4	158	2	56
WELDON SPRING	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	4	2	2	6	0	1	0	0	0	4	0	1
	DAMAGE	56	13	2	20	13	2	1	1	0	0	10	0	0
	TOTAL	71	17	4	22	19	2	2	1	0	0	14	0	1
WENTZVILLE	FATAL	2	1	1	0	1	0	0	0	0	0	2	0	0
	INJURY	119	26	12	33	30	12	4	0	4	6	35	0	2
	DAMAGE	423	66	20	124	105	65	1	4	0	1	92	1	7
	TOTAL	544	93	33	157	136	77	5	4	4	7	129	1	9
POP UNDER 1000	FATAL	16	8	4	3	6	0	2	0	0	2	7	0	0
	INJURY	368	113	40	102	87	27	45	2	3	3	109	0	12
	DAMAGE	1,068	235	60	295	217	116	4	13	0	1	237	1	32
	TOTAL	1,452	356	104	400	310	143	51	15	3	6	353	1	44
ST. CLAIR CO	FATAL	6	2	1	2	3	1	0	0	0	0	2	0	0
	INJURY	82	27	11	22	20	6	2	0	0	0	50	0	1
	DAMAGE	61	15	3	6	15	8	0	1	0	0	22	0	3
	TOTAL	149	44	15	30	38	15	2	1	0	0	74	0	4
APPLETON CITY	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	1	1	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	5	2	1	1	3	1	0	0	0	0	2	0	0
	INJURY	82	27	11	22	20	6	2	0	0	0	50	0	1
	DAMAGE	60	15	3	6	14	8	0	1	0	0	22	0	3
	TOTAL	147	44	15	29	37	15	2	1	0	0	74	0	4
ST. FRANCOIS CO	FATAL	13	5	6	1	4	1	2	0	0	1	7	0	0
	INJURY	279	96	27	61	61	18	13	0	7	3	103	1	1
	DAMAGE	869	179	25	213	246	64	8	3	0	2	225	1	4
	TOTAL	1,161	280	58	275	311	83	23	3	7	6	335	2	5
BONNE TERRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	5	3	2	2	0	1	0	0	0	2	0	0
	DAMAGE	47	5	0	11	19	3	0	0	0	0	8	0	0
	TOTAL	58	10	3	13	21	3	1	0	0	0	10	0	0
DESLOGE	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	27	5	1	6	6	2	1	0	0	0	5	0	0
	DAMAGE	64	8	2	17	24	8	1	0	0	0	11	0	0
	TOTAL	92	13	3	23	30	10	2	0	0	0	17	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UNDR21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
FARMINGTON	FATAL	2	1	2	0	1	1	1	0	0	0	0	0	0
	INJURY	66	12	4	15	19	3	3	0	6	1	9	0	1
	DAMAGE	375	39	6	102	123	25	2	1	0	1	38	1	2
	TOTAL	443	52	12	117	143	29	6	1	6	2	47	1	3
LEADWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	9	2	1	1	3	1	0	0	0	0	2	0	0
TOTAL	12	2	1	2	3	1	0	0	0	0	2	0	0	
PARK HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	1	1	0	0	0	0	0	1	0	0
	DAMAGE	10	5	0	1	2	1	0	0	0	0	3	0	0
TOTAL	12	6	0	2	3	1	0	0	0	0	4	0	0	
POP UNDER 1000	FATAL	10	4	4	1	3	0	1	0	0	1	6	0	0
	INJURY	170	73	19	36	33	13	8	0	1	2	86	1	0
	DAMAGE	364	120	16	81	75	26	5	2	0	1	163	0	2
	TOTAL	544	197	39	118	111	39	14	2	1	4	255	1	2
ST. LOUIS CO	FATAL	44	16	11	11	13	5	9	0	0	6	15	0	2
	INJURY	5,973	1,076	297	1,397	2,089	352	196	42	114	225	995	4	70
	DAMAGE	21,819	2,885	511	4,956	6,965	1,757	70	159	19	22	2,701	11	308
	TOTAL	27,836	3,977	819	6,364	9,067	2,114	275	201	133	253	3,711	15	380
BALLWIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	85	9	5	35	37	4	3	0	4	2	11	0	3
	DAMAGE	305	35	9	83	104	24	1	2	0	1	69	0	1
	TOTAL	390	44	14	118	141	28	4	2	4	3	80	0	4
BLLEFONTAINE NB	FATAL	1	1	0	0	0	0	1	0	0	0	0	0	0
	INJURY	89	39	5	26	22	9	1	0	2	4	23	0	0
	DAMAGE	233	72	7	39	60	22	1	0	1	1	68	0	5
	TOTAL	323	112	12	65	82	31	3	0	3	5	91	0	5
BEL-NOR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	2	0	1	0	0	0	0	0	0
	DAMAGE	26	5	2	2	8	3	0	2	0	0	4	0	0
	TOTAL	29	5	2	2	10	3	1	2	0	0	4	0	0
BEL-RIDGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	3	2	6	5	0	0	0	0	2	1	0	1
	DAMAGE	92	14	1	20	31	4	0	1	0	0	13	0	0
	TOTAL	114	17	3	26	36	4	0	1	0	2	14	0	1
BERKELEY	FATAL	1	0	0	0	0	0	0	0	0	1	1	0	0
	INJURY	138	54	2	37	33	8	1	0	1	5	41	0	2
	DAMAGE	334	101	5	53	95	35	1	0	0	0	66	1	5
	TOTAL	473	155	7	90	128	43	2	0	1	6	108	1	7
BLACKJACK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	2	0	3	8	0	2	0	2	0	1	0	0
	DAMAGE	65	10	0	22	21	0	0	1	0	0	15	0	0
	TOTAL	81	12	0	25	29	0	2	1	2	0	16	0	0
BRECKENRIDGE HILLS	FATAL	1	0	1	0	0	0	0	0	0	1	0	0	0
	INJURY	29	4	1	9	8	2	1	1	2	2	6	0	0
	DAMAGE	67	4	2	14	20	6	2	1	0	0	5	0	0
	TOTAL	97	8	4	23	28	8	3	2	2	3	11	0	0
BRENTWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	47	4	0	11	19	3	3	1	2	4	4	0	0
	DAMAGE	184	11	2	43	56	20	1	4	1	1	7	0	3
	TOTAL	231	15	2	54	75	23	4	5	3	5	11	0	3
BRIDGETON	FATAL	4	2	2	1	0	1	0	0	0	0	2	0	0
	INJURY	233	45	10	41	82	16	5	1	2	5	51	0	6
	DAMAGE	505	87	9	86	152	69	1	2	1	0	95	2	12
	TOTAL	742	134	21	128	234	86	6	3	3	5	148	2	18
CALVERTON PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	1	1	0	0	0	0	0	1	0	0	0
	DAMAGE	22	2	1	4	5	1	0	0	0	0	4	0	0
	TOTAL	26	3	2	5	5	1	0	0	0	1	4	0	0
CHARLACK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	2	0	0	0	0	0	0	0	0	0
	DAMAGE	29	3	2	3	4	2	0	0	0	0	2	0	0
	TOTAL	32	3	2	5	4	2	0	0	0	0	2	0	0
CHESTERFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	281	46	10	83	113	9	8	1	4	4	35	1	3
	DAMAGE	1,041	119	13	285	354	71	2	3	0	0	107	1	10
	TOTAL	1,322	165	23	368	467	80	10	4	4	4	142	2	13

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UNDR21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
CLARKSON VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	1	1	5	0	0	0	0	0	2	0	0
	DAMAGE	41	6	0	17	11	4	0	0	0	0	4	0	0
	TOTAL	49	6	1	18	16	4	0	0	0	0	6	0	0
CLAYTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	91	9	8	13	35	8	1	0	1	7	18	0	0
	DAMAGE	433	36	10	55	149	40	1	2	1	3	58	0	3
	TOTAL	524	45	18	68	184	48	2	2	2	10	76	0	3
COOL VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	7	0	3	7	3	0	0	0	2	7	0	0
	DAMAGE	54	7	0	11	13	6	0	1	1	0	7	0	1
	TOTAL	75	14	0	14	20	9	0	1	1	2	14	0	1
COUNTRY CLUB HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	5	1	2	4	0	1	0	0	2	2	0	0
	DAMAGE	65	10	2	11	19	1	0	0	0	0	5	0	0
	TOTAL	81	15	3	13	23	1	1	0	0	2	7	0	0
CRESTWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	5	1	4	13	1	0	0	2	0	1	0	0
	DAMAGE	69	9	3	12	20	5	0	0	0	0	15	0	0
	TOTAL	94	14	4	16	33	6	0	0	2	0	16	0	0
CREVE COEUR	FATAL	2	0	2	1	0	0	1	0	0	0	1	0	0
	INJURY	273	28	8	50	113	18	6	2	1	6	21	0	1
	DAMAGE	951	86	14	182	401	61	2	4	0	0	65	0	1
	TOTAL	1,226	114	24	233	514	79	9	6	1	6	87	0	2
DELLWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	5	2	4	5	2	1	1	0	3	3	0	0
	DAMAGE	82	9	3	18	30	4	0	0	0	0	15	0	0
	TOTAL	106	14	5	22	35	6	1	1	0	3	18	0	0
DES PERES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	86	10	5	20	43	7	3	0	0	0	12	0	1
	DAMAGE	319	31	5	81	133	16	0	0	0	0	34	0	2
	TOTAL	405	41	10	101	176	23	3	0	0	0	46	0	3
EDMUNDSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	0	2	0	0	0	0	0	0	0	0
	DAMAGE	14	8	1	2	3	0	0	0	0	0	3	0	0
	TOTAL	19	9	1	2	5	0	0	0	0	0	3	0	0
ELLISVILLE	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	30	3	0	12	14	0	0	0	1	1	3	0	0
	DAMAGE	245	11	6	83	85	15	2	3	0	0	10	0	2
	TOTAL	276	14	6	95	100	15	2	3	1	1	13	0	2
EUREKA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	59	8	5	16	16	7	1	0	0	3	14	0	1
	DAMAGE	226	30	2	66	63	39	0	2	0	0	46	1	4
	TOTAL	285	38	7	82	79	46	1	2	0	3	60	1	5
FENTON	FATAL	3	0	0	0	2	0	1	0	0	0	0	0	0
	INJURY	135	20	4	23	56	19	4	0	0	0	15	0	0
FERGUSON	FATAL	1	1	1	1	0	0	0	0	0	0	0	0	0
	INJURY	140	18	7	41	38	5	3	0	3	10	21	0	0
	DAMAGE	268	39	9	46	75	24	1	5	0	1	29	0	2
	TOTAL	409	58	17	88	113	29	4	5	3	11	50	0	2
FLORDELL HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	1	0	0	0	0	0	0	0	0	0
FLORISSANT	FATAL	2	1	0	0	1	0	1	0	0	0	1	0	0
	INJURY	417	53	22	114	169	16	15	6	14	14	32	0	3
	DAMAGE	1,272	143	31	316	470	56	3	11	2	0	94	0	14
	TOTAL	1,691	197	53	430	640	72	19	17	16	14	127	0	17
FRONTENAC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	42	0	4	9	20	2	1	0	2	0	6	0	1
	DAMAGE	157	16	7	46	69	11	0	0	0	0	19	0	2
	TOTAL	199	16	11	55	89	13	1	0	2	0	25	0	3
GLENDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	0	2	3	1	0	0	0	0	1	0	0
	DAMAGE	50	5	2	12	22	6	0	2	0	0	13	0	0
	TOTAL	57	7	2	14	25	7	0	2	0	0	14	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
GREEN PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	1	0	2	1	0	0	0	0	4	0	0
	DAMAGE	24	2	0	5	6	4	1	1	0	0	5	0	0
	TOTAL	31	2	1	5	8	5	1	1	0	0	9	0	0
HANLEY HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	0	1	0	0	1	1	0	0	0
	DAMAGE	3	0	0	0	0	0	0	0	0	0	1	0	0
	TOTAL	6	0	0	0	0	1	0	0	1	1	1	0	0
HAZELWOOD	FATAL	3	1	1	0	0	0	1	0	0	0	2	0	0
	INJURY	217	52	5	43	62	19	5	1	1	4	44	0	1
	DAMAGE	638	92	8	137	187	56	2	9	1	0	49	0	4
	TOTAL	858	145	14	180	249	75	8	10	2	4	95	0	5
HILLSDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	1	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	0	1	0	0	0	0	0	0	0	0
JENNINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	63	15	3	12	11	1	0	0	1	9	9	0	2
	DAMAGE	270	34	7	45	73	11	1	5	0	1	16	0	16
	TOTAL	333	49	10	57	84	12	1	5	1	10	25	0	18
KINLOCH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	3	0	0	0	0	0	0	0	0	3	0	0
	DAMAGE	8	5	0	1	0	0	0	0	0	0	3	0	0
	TOTAL	11	8	0	1	0	0	0	0	0	0	6	0	0
KIRKWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	186	14	10	47	75	7	3	2	3	9	27	0	1
	DAMAGE	678	54	16	205	224	71	2	8	1	0	80	0	5
	TOTAL	864	68	26	252	299	78	5	10	4	9	107	0	6
LADUE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	60	17	3	17	22	3	0	1	1	1	22	0	0
	DAMAGE	123	17	5	37	39	19	1	2	0	0	14	0	4
	TOTAL	183	34	8	54	61	22	1	3	1	1	36	0	4
LAKESHIRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	6	2	0	1	2	0	0	0	0	0	0	0	0
	TOTAL	7	2	0	1	3	0	0	0	0	0	0	0	0
MANCHESTER	FATAL	1	0	0	0	0	0	0	0	0	1	0	0	0
	INJURY	76	14	7	24	26	3	1	0	0	1	18	0	0
	DAMAGE	370	52	8	111	125	24	1	3	0	1	43	0	2
	TOTAL	447	66	15	135	151	27	2	3	0	3	61	0	2
MAPLEWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	37	4	3	5	16	0	1	0	0	2	4	0	1
	DAMAGE	141	13	5	22	44	14	1	1	0	0	20	0	2
	TOTAL	178	17	8	27	60	14	2	1	0	2	24	0	3
MARLBOROUGH	FATAL	1	0	1	0	1	0	0	0	0	1	0	0	0
	INJURY	14	1	0	2	8	0	1	0	0	1	0	0	0
	DAMAGE	51	2	0	14	21	1	1	0	0	0	1	0	0
	TOTAL	66	3	1	16	30	1	2	0	0	2	1	0	0
MARYLAND HEIGHTS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	263	57	13	58	90	9	9	3	3	6	46	0	22
	DAMAGE	841	104	29	172	241	80	4	5	0	0	83	0	75
	TOTAL	1,104	161	42	230	331	89	13	8	3	6	129	0	97
MOLINE ACRES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	2	0	0	0	0	0	0	0	0
	DAMAGE	18	0	0	3	4	2	0	0	0	0	1	0	0
	TOTAL	20	0	0	4	6	2	0	0	0	0	1	0	0
NORMANDY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	6	0	2	5	3	0	0	1	1	6	0	0
	DAMAGE	72	10	1	16	12	10	0	1	0	0	10	0	3
	TOTAL	94	16	1	18	17	13	0	1	1	1	16	0	3
NORTHWOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	2	0	2	4	1	0	0	1	0	4	0	0
	DAMAGE	59	6	2	17	16	2	0	0	1	1	9	0	0
	TOTAL	76	8	2	19	20	3	0	0	2	1	13	0	0
NORWOOD COURT	FATAL	1	0	0	0	0	0	0	0	0	1	0	0	0
	INJURY	24	8	0	7	10	2	0	0	0	0	3	0	0
	DAMAGE	73	19	1	15	20	6	0	0	0	0	14	0	0
	TOTAL	98	27	1	22	30	8	0	0	0	1	17	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
OAKLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	2	1	1	0	1	0	0	0	0	1	0	0
	DAMAGE	23	7	0	4	9	5	0	0	0	0	8	0	1
	TOTAL	26	9	1	5	9	6	0	0	0	0	9	0	1
OLIVETTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	44	6	4	6	14	4	2	0	2	0	2	0	0
	DAMAGE	158	20	4	25	61	9	0	0	0	0	13	0	1
	TOTAL	202	26	8	31	75	13	2	0	2	0	15	0	1
OVERLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	101	24	11	18	26	5	3	2	3	5	25	0	0
	DAMAGE	441	54	13	72	125	34	1	2	1	2	36	1	6
	TOTAL	542	78	24	90	151	39	4	4	4	7	61	1	6
PACIFIC/FRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	0	0	1	0	1	0	0	0	0	1	1	0
	TOTAL	6	0	0	1	0	1	0	0	0	0	1	1	0
PAGEDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	1	1	3	4	3	0	0	1	0	4	0	0
	DAMAGE	30	5	1	4	10	2	1	1	0	0	5	0	0
	TOTAL	43	6	2	7	14	5	1	1	1	0	9	0	0
PASADENA HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	7	1	0	1	3	1	0	0	0	0	1	0	0
	TOTAL	8	1	0	1	3	1	0	0	0	0	1	0	0
PINE LAWN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	12	3	4	5	3	0	0	1	2	4	0	2
	DAMAGE	72	16	0	7	20	10	0	1	0	0	12	0	0
	TOTAL	97	28	3	11	25	13	0	1	1	2	16	0	2
RICHMOND HEIGHTS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	160	44	4	24	63	7	4	0	1	7	14	0	2
	DAMAGE	497	103	6	75	157	34	0	3	0	0	47	0	10
	TOTAL	657	147	10	99	220	41	4	3	1	7	61	0	12
RIVERVIEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	0	1	0	1	0	0	0	0	1	0	0
	DAMAGE	13	3	0	4	1	1	0	0	0	0	3	0	0
	TOTAL	17	5	0	5	1	2	0	0	0	0	4	0	0
ROCK HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	1	0	6	7	0	0	0	0	1	1	0	0
	DAMAGE	50	4	1	15	22	3	0	0	0	0	1	0	0
	TOTAL	66	5	1	21	29	3	0	0	0	1	2	0	0
ST. ANN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	55	17	3	16	16	7	3	0	2	2	17	0	0
	DAMAGE	240	33	7	48	69	41	2	3	0	1	30	0	1
	TOTAL	295	50	10	64	85	48	5	3	2	3	47	0	1
ST. GEORGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	0	1	0	0	0	0	1	0	0	0
	DAMAGE	11	0	0	5	4	0	0	0	0	0	0	0	0
	TOTAL	13	1	0	5	5	0	0	0	0	1	0	0	0
ST. JOHN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	48	4	6	8	12	2	3	1	1	0	3	0	0
	DAMAGE	121	11	2	19	40	10	1	0	0	0	10	0	2
	TOTAL	169	15	8	27	52	12	4	1	1	0	13	0	2
SHREWSBURY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	1	3	5	5	2	4	0	0	0	4	0	0
	DAMAGE	111	14	9	21	34	15	0	0	0	1	27	0	0
	TOTAL	129	15	12	26	39	17	4	0	0	1	31	0	0
SUNSET HILLS	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	174	36	8	37	62	7	10	0	0	1	34	0	0
	DAMAGE	571	92	8	153	177	61	4	3	0	0	85	1	3
	TOTAL	746	128	16	190	239	69	14	3	0	1	119	1	3
TOWN AND COUNTRY	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	257	47	5	61	111	16	3	1	2	3	24	0	5
	DAMAGE	603	78	6	136	197	46	0	4	0	0	43	1	14
	TOTAL	861	125	11	197	308	62	3	5	2	3	67	1	19
UNIVERSITY CITY	FATAL	2	2	1	1	0	1	0	0	0	0	1	0	0
	INJURY	105	15	9	19	36	3	4	1	7	10	24	0	0
	DAMAGE	551	61	21	72	125	47	0	1	0	1	77	0	2
	TOTAL	658	78	31	92	161	51	4	2	7	11	102	0	2

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**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
VALLEY PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	43	3	0	5	14	3	5	0	2	0	3	0	0
	DAMAGE	314	24	5	65	104	38	1	3	0	1	19	0	0
	TOTAL	357	27	5	70	118	41	6	3	2	1	22	0	0
VELDA VILLAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	2	2	1	0	0	1	0	0	0	1	0	0
	DAMAGE	13	0	1	0	2	3	0	0	0	0	1	0	0
	TOTAL	18	2	3	1	2	3	1	0	0	0	2	0	0
VINITA PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	3	1	3	5	2	0	1	1	0	4	0	0
	DAMAGE	27	4	1	6	7	3	0	0	0	0	2	0	0
	TOTAL	39	7	2	9	12	5	0	1	1	0	6	0	0
WARSON WOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	3	0	0	0	1	0	0	0	0	0	0	0	0
WEBSTER GROVES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	80	16	8	21	30	3	5	1	3	4	13	0	0
	DAMAGE	327	59	17	67	107	30	3	2	1	2	55	0	5
	TOTAL	407	75	25	88	137	33	8	3	4	6	68	0	5
WELLSTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	1	1	0	0	1	0	0	0	0
	DAMAGE	10	3	0	0	3	2	0	0	0	0	1	0	0
	TOTAL	14	4	0	1	4	3	0	0	1	0	1	0	0
WILDWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	85	28	4	32	21	7	4	2	5	1	33	0	0
	DAMAGE	412	96	25	145	78	28	5	9	0	0	136	0	3
	TOTAL	497	124	29	177	99	35	9	11	5	1	169	0	3
WINCHESTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	1	3	3	0	0	0	0	1	0	0	0
	DAMAGE	45	2	0	12	15	4	0	0	0	0	2	0	0
	TOTAL	53	3	1	15	18	4	0	0	0	1	2	0	0
WOODSON TERRACE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	3	0	5	4	2	3	0	0	1	5	1	0
	DAMAGE	45	5	5	9	11	4	0	0	0	0	8	0	1
	TOTAL	67	8	5	14	15	6	3	0	0	1	13	1	1
POP UNDER 1000	FATAL	18	8	2	7	8	2	4	0	0	1	7	0	2
	INJURY	1,362	232	74	328	442	82	61	13	27	74	257	2	12
	DAMAGE	6,123	802	143	1,473	1,934	422	18	46	7	4	806	1	80
	TOTAL	7,503	1,042	219	1,808	2,384	506	83	59	34	79	1,070	3	94
STE. GENEVIEVE CO	FATAL	4	0	0	1	3	0	1	0	0	0	1	0	0
	INJURY	104	30	12	17	23	5	12	0	1	2	53	0	0
	DAMAGE	252	74	18	49	62	39	0	2	0	0	87	0	2
	TOTAL	360	104	30	67	88	44	13	2	1	2	141	0	2
STE. GENEVIEVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	3	2	2	3	0	0	0	1	1	4	0	0
	DAMAGE	58	9	3	15	21	9	0	1	0	0	14	0	0
	TOTAL	71	12	5	17	24	9	0	1	1	1	18	0	0
POP UNDER 1000	FATAL	4	0	0	1	3	0	1	0	0	0	1	0	0
	INJURY	91	27	10	15	20	5	12	0	0	1	49	0	0
	DAMAGE	194	65	15	34	41	30	0	1	0	0	73	0	2
	TOTAL	289	92	25	50	64	35	13	1	0	1	123	0	2
SALINE CO	FATAL	3	0	1	0	1	0	0	0	0	1	0	0	0
	INJURY	138	35	14	33	35	19	4	0	3	3	76	2	1
	DAMAGE	450	105	11	93	138	68	0	0	2	0	149	2	1
	TOTAL	591	140	26	126	174	87	4	0	5	4	225	4	2
MARSHALL	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	38	5	4	13	11	4	0	0	2	3	10	0	0
	DAMAGE	206	26	5	53	87	20	0	0	2	0	22	0	1
	TOTAL	245	31	9	66	99	24	0	0	4	3	32	0	1
SLATER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	1	0	0	0	0	1	0	0	0	0
	DAMAGE	15	1	0	4	6	2	0	0	0	0	0	0	0
	TOTAL	17	2	0	5	6	2	0	0	1	0	0	0	0
SWEET SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	3	0	0	1	1	0	0	0	0	0	1	0	0
	TOTAL	4	1	0	1	1	0	0	0	0	0	2	0	0

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	2	0	1	0	0	0	0	0	0	1	0	0	0
	INJURY	97	28	10	19	24	15	4	0	0	0	65	2	1
	DAMAGE	226	78	6	35	44	46	0	0	0	0	126	2	0
	TOTAL	325	106	17	54	68	61	4	0	0	1	191	4	1
SCHUYLER CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	6	3	10	5	1	0	1	0	1	7	0	1
	DAMAGE	18	2	0	1	8	3	0	0	0	0	2	0	1
	TOTAL	39	8	3	11	13	4	0	1	0	1	9	0	2
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	6	3	10	5	1	0	1	0	1	7	0	1
	DAMAGE	18	2	0	1	8	3	0	0	0	0	2	0	1
	TOTAL	39	8	3	11	13	4	0	1	0	1	9	0	2
SCOTLAND CO	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	28	8	3	7	5	4	2	0	0	0	11	0	0
	DAMAGE	48	9	0	16	18	6	0	0	0	0	12	0	0
	TOTAL	77	17	3	23	24	11	2	0	0	0	23	0	0
MEMPHIS	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	5	0	0	0	2	0	1	0	0	0	1	0	0
	DAMAGE	19	2	0	7	11	0	0	0	0	0	2	0	0
	TOTAL	25	2	0	7	14	1	1	0	0	0	3	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	8	3	7	3	4	1	0	0	0	10	0	0
	DAMAGE	29	7	0	9	7	6	0	0	0	0	10	0	0
	TOTAL	52	15	3	16	10	10	1	0	0	0	20	0	0
SCOTT CO	FATAL	3	0	0	0	0	0	1	0	0	0	2	0	0
	INJURY	227	52	20	67	66	16	16	0	4	7	70	1	2
	DAMAGE	594	96	24	129	185	55	2	5	0	0	152	0	6
	TOTAL	824	148	44	196	251	71	19	5	4	7	224	1	8
CHAFFEE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	3	1	0	2	0	1	0	0	0	2	0	0
	DAMAGE	17	0	0	5	6	1	0	0	0	0	2	0	0
	TOTAL	23	3	1	5	8	1	1	0	0	0	4	0	0
MINER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	6	0	2	4	2	2	0	0	0	4	0	0
	DAMAGE	26	11	0	6	12	3	1	0	0	0	9	0	0
	TOTAL	40	17	0	8	16	5	3	0	0	0	13	0	0
ORAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	1	0	0	0	0	0	0	0	0	0
SCOTT CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	2	1	5	2	2	2	0	1	1	3	1	0
	DAMAGE	75	19	2	25	25	10	0	1	0	0	19	0	2
	TOTAL	86	21	3	30	27	12	2	1	1	1	22	1	2
SIKESTON/SCO	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	104	9	3	37	39	4	6	0	3	4	14	0	0
	DAMAGE	301	22	9	62	92	22	0	3	0	0	43	0	1
	TOTAL	406	31	12	99	131	26	6	3	3	4	57	0	1
POP UNDER 1000	FATAL	2	0	0	0	0	0	1	0	0	0	2	0	0
	INJURY	92	32	15	23	19	8	5	0	0	2	47	0	2
	DAMAGE	174	44	13	31	50	19	1	1	0	0	80	0	3
	TOTAL	268	76	28	54	69	27	7	1	0	2	129	0	5
SHANNON CO	FATAL	3	1	2	0	0	1	0	0	0	0	2	0	0
	INJURY	53	23	14	14	6	4	4	0	0	2	20	1	0
	DAMAGE	70	11	2	12	13	13	1	0	0	0	20	0	1
	TOTAL	126	35	18	26	19	18	5	0	0	2	42	1	1
WINONA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	0	0	3	3	2	0	0	0	1	1	1	0
	DAMAGE	6	1	0	2	0	1	0	0	0	0	3	0	0
	TOTAL	16	1	0	5	3	3	0	0	0	1	4	1	0
POP UNDER 1000	FATAL	3	1	2	0	0	1	0	0	0	0	2	0	0
	INJURY	43	23	14	11	3	2	4	0	0	1	19	0	0
	DAMAGE	64	10	2	10	13	12	1	0	0	0	17	0	1
	TOTAL	110	34	18	21	16	15	5	0	0	1	38	0	1
SHELBY CO	FATAL	2	1	1	0	1	1	0	0	0	0	1	0	0
	INJURY	21	10	3	6	7	5	0	0	0	0	13	0	1
	DAMAGE	33	5	1	3	13	13	0	0	0	0	8	0	3
	TOTAL	56	16	5	9	21	19	0	0	0	0	22	0	4

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
POP UNDER 1000	FATAL	2	1	1	0	1	1	0	0	0	0	1	0	0
	INJURY	21	10	3	6	7	5	0	0	0	0	13	0	1
	DAMAGE	33	5	1	3	13	13	0	0	0	0	8	0	3
	TOTAL	56	16	5	9	21	19	0	0	0	0	22	0	4
STODDARD CO	FATAL	7	3	1	0	3	0	1	0	0	2	3	0	0
	INJURY	166	48	14	51	43	5	4	0	2	1	78	0	1
	DAMAGE	356	48	13	106	107	23	0	1	0	0	94	1	2
	TOTAL	529	99	28	157	153	28	5	1	2	3	175	1	3
ADVANCE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	1	0	0	0	0
	DAMAGE	4	0	0	0	2	0	0	0	0	0	0	0	0
	TOTAL	5	0	0	1	2	0	0	0	1	0	0	0	0
BERNIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	2	2	0	0	0	0	0	1	0	0
	DAMAGE	11	0	0	4	5	1	0	0	0	0	0	0	0
	TOTAL	14	0	0	6	7	1	0	0	0	0	1	0	0
BLOOMFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	1	0	0
	DAMAGE	7	0	0	3	1	0	0	0	0	0	1	0	0
	TOTAL	8	0	0	3	2	0	0	0	0	0	2	0	0
DEXTER	FATAL	2	0	0	0	1	0	1	0	0	0	0	0	0
	INJURY	33	2	1	13	14	1	1	0	1	1	3	0	0
	DAMAGE	142	6	1	46	57	3	0	0	0	0	10	0	0
	TOTAL	177	8	2	59	72	4	2	0	1	1	13	0	0
PUXICO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	7	1	0	1	2	1	0	0	0	0	1	0	0
	TOTAL	9	1	0	1	3	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	5	3	1	0	2	0	0	0	0	2	3	0	0
	INJURY	126	46	13	35	25	4	3	0	0	0	73	0	1
	DAMAGE	185	41	12	52	40	18	0	1	0	0	82	1	2
	TOTAL	316	90	26	87	67	22	3	1	0	2	158	1	3
STONE CO	FATAL	9	5	4	1	1	0	1	0	0	0	5	0	0
	INJURY	229	84	26	66	70	11	24	1	1	0	99	0	0
	DAMAGE	323	78	17	64	120	27	2	2	0	0	109	0	0
	TOTAL	561	167	47	131	191	38	27	3	1	0	213	0	0
CRANE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	2	1	2	0	0	0	0	0	0	4	0	0
	TOTAL	5	2	1	2	0	0	0	0	0	0	4	0	0
KIMBERLING CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	0	2	1	0	1	0	0	0	3	0	0
	DAMAGE	9	0	0	3	6	1	0	0	0	0	2	0	0
	TOTAL	16	2	0	5	7	1	1	0	0	0	5	0	0
POP UNDER 1000	FATAL	9	5	4	1	1	0	1	0	0	0	5	0	0
	INJURY	222	82	26	64	69	11	23	1	1	0	96	0	0
	DAMAGE	309	76	16	59	114	26	2	2	0	0	103	0	0
	TOTAL	540	163	46	124	184	37	26	3	1	0	204	0	0
SULLIVAN CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	40	14	5	9	7	3	0	0	0	1	25	0	0
	DAMAGE	80	18	4	12	18	11	0	0	0	0	32	0	0
	TOTAL	120	32	9	21	25	14	0	0	0	1	57	0	0
MILAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	2	0	0	0	0	0	0	0	2	0	0
	DAMAGE	29	2	0	4	7	2	0	0	0	0	7	0	0
	TOTAL	31	2	2	4	7	2	0	0	0	0	9	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	38	14	3	9	7	3	0	0	0	1	23	0	0
	DAMAGE	51	16	4	8	11	9	0	0	0	0	25	0	0
	TOTAL	89	30	7	17	18	12	0	0	0	1	48	0	0
TANEY CO	FATAL	14	8	3	1	7	2	7	0	0	0	7	0	0
	INJURY	434	131	48	98	157	11	29	0	7	17	147	0	1
	DAMAGE	1,069	187	45	254	432	51	5	3	0	0	254	1	11
	TOTAL	1,517	326	96	353	596	64	41	3	7	17	408	1	12
BRANSON	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	177	25	9	38	80	1	9	0	5	12	30	0	1
	DAMAGE	554	56	12	129	266	12	5	0	0	0	68	0	5
	TOTAL	732	82	22	167	346	13	14	0	5	12	99	0	6

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UN21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
FORSYTH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	1	3	6	2	0	0	0	0	0	0	0
	DAMAGE	46	4	2	16	18	2	0	0	0	0	11	0	1
	TOTAL	56	5	3	19	24	4	0	0	0	0	11	0	1
HOLLISTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	2	1	3	0	0	0	0	0	1	0	0
	DAMAGE	63	10	0	16	21	3	0	0	0	0	10	0	4
	TOTAL	73	12	2	17	24	3	0	0	0	0	11	0	4
MERRIAM WOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	2	1	3	0	0	0	0	0	2	0	0
	DAMAGE	20	2	3	3	6	0	0	0	0	0	5	0	0
	TOTAL	27	3	5	4	9	0	0	0	0	0	7	0	0
POP UNDER 1000	FATAL	13	7	2	1	7	2	7	0	0	0	6	0	0
	INJURY	230	102	34	55	65	8	20	0	2	5	114	0	0
	DAMAGE	386	115	28	90	121	34	0	3	0	0	160	1	1
	TOTAL	629	224	64	146	193	44	27	3	2	5	280	1	1
TEXAS CO	FATAL	8	4	2	1	5	2	1	0	0	1	2	0	0
	INJURY	141	64	22	29	32	13	8	1	1	1	74	0	0
	DAMAGE	249	61	15	57	78	36	2	1	0	0	87	1	2
	TOTAL	398	129	39	87	115	51	11	2	1	2	163	1	2
CABOOL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	2	0	4	2	2	1	0	0	0	1	0	0
	DAMAGE	23	3	0	5	7	5	0	0	0	0	4	0	0
	TOTAL	32	5	0	9	9	7	1	0	0	0	5	0	0
HOUSTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	3	1	2	1	0	0	0	0	0	4	0	0
	DAMAGE	43	2	1	11	23	0	1	0	0	0	9	0	0
	TOTAL	51	5	2	13	24	0	1	0	0	0	13	0	0
LICKING	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	1	2	0	0	0	1	0	0	0
	DAMAGE	17	1	1	5	5	8	0	0	0	0	1	0	1
	TOTAL	20	2	1	5	6	10	0	0	0	1	1	0	1
POP UNDER 1000	FATAL	8	4	2	1	5	2	1	0	0	1	2	0	0
	INJURY	121	58	21	23	28	9	7	1	1	1	69	0	0
	DAMAGE	166	55	13	36	43	23	1	1	0	0	73	1	1
	TOTAL	295	117	36	60	76	34	9	2	1	1	144	1	1
VERNON CO	FATAL	2	0	1	0	2	1	0	0	0	0	1	0	0
	INJURY	110	28	6	30	27	5	4	0	4	4	34	0	2
	DAMAGE	317	64	6	59	95	43	3	2	0	0	68	3	5
	TOTAL	429	92	13	89	124	49	7	2	4	4	103	3	7
NEVADA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	50	6	1	16	17	1	4	0	4	4	4	0	1
	DAMAGE	172	26	2	33	63	23	3	0	0	0	22	1	1
	TOTAL	222	32	3	49	80	24	7	0	4	4	26	1	2
POP UNDER 1000	FATAL	2	0	1	0	2	1	0	0	0	0	1	0	0
	INJURY	60	22	5	14	10	4	0	0	0	0	30	0	1
	DAMAGE	145	38	4	26	32	20	0	2	0	0	46	2	4
	TOTAL	207	60	10	40	44	25	0	2	0	0	77	2	5
WARREN CO	FATAL	9	2	3	1	4	0	0	0	0	0	4	0	0
	INJURY	145	52	12	39	36	15	9	1	0	3	57	0	1
	DAMAGE	603	184	18	165	152	103	4	4	1	0	206	0	4
	TOTAL	757	238	33	205	192	118	13	5	1	3	267	0	5
WARRENTON	FATAL	3	1	0	0	2	0	0	0	0	0	0	0	0
	INJURY	44	8	6	11	15	4	0	0	0	2	10	0	0
	DAMAGE	219	33	6	71	71	31	2	2	0	0	39	0	1
	TOTAL	266	42	12	82	88	35	2	2	0	2	49	0	1
WRIGHT CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	4	1	8	5	2	1	0	0	1	4	0	1
	DAMAGE	99	44	2	18	27	20	0	1	1	0	43	0	1
	TOTAL	115	48	3	26	32	22	1	1	1	1	47	0	2
POP UNDER 1000	FATAL	6	1	3	1	2	0	0	0	0	0	4	0	0
	INJURY	84	39	5	20	16	8	8	1	0	0	42	0	0
	DAMAGE	285	107	10	76	54	52	2	1	0	0	124	0	2
	TOTAL	375	147	18	97	72	60	10	2	0	0	170	0	2
WASHINGTON CO	FATAL	8	5	3	1	1	0	1	0	0	0	6	0	0
	INJURY	139	50	15	42	32	6	13	1	0	4	66	0	0
	DAMAGE	193	49	5	48	41	8	1	0	0	0	61	0	1
	TOTAL	340	104	23	91	74	14	15	1	0	4	133	0	1

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POTOSI	FATAL	1	1	0	0	0	0	1	0	0	0	1	0	0
	INJURY	20	1	0	10	8	2	0	0	0	1	1	0	0
	DAMAGE	44	2	0	12	17	2	0	0	0	0	4	0	0
	TOTAL	65	4	0	22	25	4	1	0	0	1	6	0	0
POP UNDER 1000	FATAL	7	4	3	1	1	0	0	0	0	0	5	0	0
	INJURY	119	49	15	32	24	4	13	1	0	3	65	0	0
	DAMAGE	149	47	5	36	24	6	1	0	0	0	57	0	1
	TOTAL	275	100	23	69	49	10	14	1	0	3	127	0	1
WAYNE CO	FATAL	12	3	3	2	4	0	0	0	0	0	6	0	0
	INJURY	86	34	11	24	25	5	10	0	0	2	44	0	4
	DAMAGE	163	37	13	29	47	16	1	0	0	0	59	0	10
	TOTAL	261	74	27	55	76	21	11	0	0	2	109	0	14
PIEDMONT	FATAL	2	1	0	0	1	0	0	0	0	0	2	0	0
	INJURY	3	0	1	1	1	0	0	0	0	0	0	0	0
	DAMAGE	8	1	1	1	1	0	0	0	0	0	1	0	0
	TOTAL	13	2	2	2	3	0	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	10	2	3	2	3	0	0	0	0	0	4	0	0
	INJURY	83	34	10	23	24	5	10	0	0	2	44	0	4
	DAMAGE	155	36	12	28	46	16	1	0	0	0	58	0	10
	TOTAL	248	72	25	53	73	21	11	0	0	2	106	0	14
WEBSTER CO	FATAL	4	1	3	0	2	1	0	0	0	0	2	0	0
	INJURY	178	61	15	45	46	24	7	1	0	3	82	0	0
	DAMAGE	531	156	22	120	149	68	2	5	0	0	220	1	2
	TOTAL	713	218	40	165	197	93	9	6	0	3	304	1	2
MARSHFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	30	1	2	5	9	3	2	0	0	2	6	0	0
	DAMAGE	146	15	1	37	61	11	0	1	0	0	19	0	0
	TOTAL	176	16	3	42	70	14	2	1	0	2	25	0	0
ROGERSVIL/WEB	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	1	3	1	0	0	0	0	0	2	0	0
	DAMAGE	22	5	0	4	10	3	0	0	0	0	6	0	0
	TOTAL	28	5	1	7	11	3	0	0	0	0	8	0	0
SEYMOUR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	3	0	2	9	4	0	0	0	0	2	0	0
	DAMAGE	27	1	2	6	17	7	1	1	0	0	3	0	1
	TOTAL	43	4	2	8	26	11	1	1	0	0	5	0	1
POP UNDER 1000	FATAL	4	1	3	0	2	1	0	0	0	0	2	0	0
	INJURY	126	57	12	35	27	17	5	1	0	1	72	0	0
	DAMAGE	336	135	19	73	61	47	1	3	0	0	192	1	1
	TOTAL	466	193	34	108	90	65	6	4	0	1	266	1	1
WORTH CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	3	0	5	2	0	1	0	0	0	5	0	1
	DAMAGE	23	1	0	5	5	1	0	1	0	0	3	0	0
	TOTAL	32	4	0	10	7	1	1	1	0	0	8	0	1
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	3	0	5	2	0	1	0	0	0	5	0	1
	DAMAGE	23	1	0	5	5	1	0	1	0	0	3	0	0
	TOTAL	32	4	0	10	7	1	1	1	0	0	8	0	1
WRIGHT CO	FATAL	2	1	0	0	0	1	0	0	0	0	1	0	0
	INJURY	79	36	7	28	18	9	3	0	1	3	31	0	0
	DAMAGE	169	33	7	52	47	21	1	0	0	0	54	0	0
	TOTAL	250	70	14	80	65	31	4	0	1	3	86	0	0
MANSFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	0	1	5	1	1	0	1	2	2	0	0
	DAMAGE	10	0	1	5	3	1	0	0	0	0	2	0	0
	TOTAL	18	1	1	6	8	2	1	0	1	2	4	0	0
MOUNTAIN GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	0	2	1	1	0	0	0	0	0	0
	DAMAGE	44	0	0	17	15	5	0	0	0	0	3	0	0
	TOTAL	50	1	0	17	17	6	1	0	0	0	3	0	0
POP UNDER 1000	FATAL	2	1	0	0	0	1	0	0	0	0	1	0	0
	INJURY	65	34	7	27	11	7	1	0	0	1	29	0	0
	DAMAGE	115	33	6	30	29	15	1	0	0	0	49	0	0
	TOTAL	182	68	13	57	40	23	2	0	0	1	79	0	0
ST LOUIS CITY	FATAL	42	21	7	5	7	5	8	0	1	11	14	0	0
	INJURY	3,668	617	76	647	872	247	87	31	102	276	506	1	26
	DAMAGE	11,050	1,767	123	1,306	2,199	1,149	30	167	21	35	1,488	8	50
	TOTAL	14,760	2,405	206	1,958	3,078	1,401	125	198	124	322	2,008	9	76

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
STATE TOTALS	FATAL	777	301	208	115	270	97	94	4	7	59	321	1	14
	INJURY	37,613	8,342	2,642	9,480	11,000	2,485	1,731	181	551	1,203	9,263	30	646
	DAMAGE	112,963	18,214	3,435	25,227	31,916	10,739	480	787	113	125	20,888	81	1,931
	TOTAL	151,353	26,857	6,285	34,822	43,186	13,321	2,305	972	671	1,387	30,472	112	2,591
INCorp AREAS	FATAL	270	103	60	32	83	34	46	1	3	39	93	0	3
	INJURY	25,678	4,144	1,285	6,334	8,019	1,561	942	129	493	1,022	3,875	8	445
	DAMAGE	84,363	10,877	2,119	18,730	24,563	7,304	351	607	104	118	11,346	39	1,344
	TOTAL	110,311	15,124	3,464	25,096	32,665	8,899	1,339	737	600	1,179	15,314	47	1,792

¹ All traffic crash activity occurring in a county and cities within a county is presented in this data display. A note of caution is warranted for cities whose jurisdictional boundaries cover more than one county. For City A whose boundaries fall in County A and County B - County A's portion of the data display will have County A City A's traffic crash activity presented. County B's portion of the data display will have County B City A's traffic crash activity presented. Those cities falling in more than one county can be identified by their name being followed by a slash (/) and the first three letters of the county name (e.g., Kansas City/JAC). Table 4.0.2 is presented to identify the total crash activity of these multi-county cities.

TABLE 4.0.1

**2010 MISSOURI TRAFFIC CRASHES
MULTI-COUNTY/CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
BELLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	2	0	1	1	0	0	0	0	0	1	0	0
	TOTAL	3	2	0	1	1	0	0	0	0	0	1	0	0
CAMERON	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	22	1	1	7	12	1	0	0	0	1	1	0	0
	DAMAGE	119	18	0	23	34	12	0	0	0	0	22	1	0
	TOTAL	142	19	1	30	47	13	0	0	0	1	23	1	0
CAPE GIRARDEAU	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	236	24	5	73	71	15	16	1	3	12	31	0	0
	DAMAGE	1,567	131	9	427	530	78	12	7	7	1	154	0	4
	TOTAL	1,803	155	14	500	601	93	28	8	10	13	185	0	4
CENTRALIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	2	1	0	0	0	0	1	0	0
	DAMAGE	42	7	0	9	15	3	1	0	0	0	3	0	0
	TOTAL	46	8	0	10	17	4	1	0	0	0	4	0	0
DREXEL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	5	0	0	0	2	1	0	0	0	0	0	0	0
	TOTAL	6	0	0	0	3	1	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	62	9	5	19	24	5	2	0	1	3	10	0	0
	DAMAGE	187	32	6	50	69	20	1	0	0	0	22	0	4
	TOTAL	249	41	11	69	93	25	3	0	1	3	32	0	4
GLASGOW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	14	1	0	5	6	3	0	0	0	0	2	0	0
	TOTAL	14	1	0	5	6	3	0	0	0	0	2	0	0
GOWER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	2	0	3	0	0	0	0	0	0	0	0	0
	DAMAGE	6	2	0	2	2	0	0	0	0	0	1	0	0
	TOTAL	9	4	0	5	2	0	0	0	0	0	1	0	0
HANNIBAL	FATAL	3	1	1	2	1	0	1	0	0	1	0	0	0
	INJURY	73	20	9	21	21	5	3	0	3	5	20	0	1
	DAMAGE	482	70	23	94	140	39	4	1	0	1	70	0	2
	TOTAL	558	91	33	117	162	44	8	1	3	7	90	0	3
INDEPENDENCE	FATAL	8	4	2	1	2	0	2	0	0	0	4	0	1
	INJURY	889	196	53	195	336	39	34	7	10	24	113	0	4
	DAMAGE	2,162	358	79	505	703	144	11	18	4	2	257	2	19
	TOTAL	3,059	558	134	701	1,041	183	47	25	14	26	374	2	24
JEFFERSON CITY	FATAL	4	1	1	1	2	2	0	0	0	1	1	0	0
	INJURY	404	32	16	118	129	15	15	2	6	11	53	0	5
	DAMAGE	1,163	102	22	318	415	85	1	9	2	0	165	0	17
	TOTAL	1,571	135	39	437	546	102	16	11	8	12	219	0	22
JOPLIN	FATAL	4	0	0	2	1	0	1	0	0	1	0	0	0
	INJURY	375	48	18	100	127	23	29	0	4	14	52	0	0
	DAMAGE	1,737	114	32	464	610	116	18	7	2	6	169	0	4
	TOTAL	2,116	162	50	566	738	139	48	7	6	21	221	0	4
KANSAS CITY	FATAL	59	28	11	4	15	5	10	0	1	6	23	0	0
	INJURY	4,131	855	214	812	1,080	259	136	19	52	165	677	1	95
	DAMAGE	13,108	1,881	238	1,840	3,129	1,078	58	73	16	14	1,782	2	311
	TOTAL	17,298	2,764	463	2,656	4,224	1,342	204	92	69	185	2,482	3	406
LAKE OZARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	41	6	6	8	15	6	3	1	0	0	14	0	1
	DAMAGE	111	13	0	33	38	4	1	1	0	0	18	0	2
	TOTAL	152	19	6	41	53	10	4	2	0	0	32	0	3
LAWSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	0	3	4	1	0	0	0	2	2	0	0
	DAMAGE	29	3	1	12	8	1	0	1	0	0	5	0	0
	TOTAL	36	5	1	15	12	2	0	1	0	2	7	0	0
LEE'S SUMMIT	FATAL	4	2	0	0	1	1	1	0	0	0	2	0	0
	INJURY	390	73	35	140	114	23	18	5	6	11	77	0	16
	DAMAGE	1,757	234	59	528	532	161	1	13	1	0	280	1	64
	TOTAL	2,151	309	94	668	647	185	20	18	7	11	359	1	80
MALDEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	0	0	3	1	0	0	0	2	1	0	0
	DAMAGE	52	5	3	15	16	3	0	1	0	0	8	0	0
	TOTAL	61	6	3	15	19	4	0	1	0	2	9	0	0

TABLE 4.0.2

**2010 MISSOURI TRAFFIC CRASHES
MULTI-COUNTY CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND21 INV	DRVR 55+ INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
MONETT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	6	5	7	9	1	2	0	0	1	11	0	0
	DAMAGE	131	9	9	31	51	8	1	1	0	0	21	0	0
	TOTAL	159	15	14	38	60	9	3	1	0	1	32	0	0
MONROE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	2	0	0	0	1	0	0	0	0	0	0
	DAMAGE	26	2	1	13	7	1	0	1	0	0	3	0	0
	TOTAL	28	2	3	13	7	1	1	1	0	0	3	0	0
OSAGE BEACH	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	76	9	3	23	32	3	3	1	0	0	11	0	4
	DAMAGE	262	17	1	63	119	27	0	1	0	0	17	0	26
	TOTAL	339	26	4	86	151	30	3	2	0	0	28	0	30
PACIFIC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	5	1	11	6	4	0	0	0	0	11	0	7
	DAMAGE	135	34	0	31	42	26	0	0	0	0	32	1	28
	TOTAL	163	39	1	42	48	30	0	0	0	0	43	1	35
REPUBLIC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	76	11	5	19	25	6	3	0	3	1	15	0	0
	DAMAGE	201	27	4	50	53	17	0	1	0	0	34	0	0
	TOTAL	277	38	9	69	78	23	3	1	3	1	49	0	0
RICHLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	1	0	2	0	2	0	0	0	0	0	0
	DAMAGE	17	1	0	2	6	4	0	0	0	0	5	0	0
	TOTAL	21	2	1	2	8	4	2	0	0	0	5	0	0
ROGERSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	2	2	8	7	2	0	0	0	0	5	0	0
	DAMAGE	50	11	0	9	21	8	0	0	0	0	12	0	1
	TOTAL	74	13	2	17	28	10	0	0	0	0	17	0	1
SIKESTON	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	123	11	4	38	47	4	6	0	3	4	18	0	0
	DAMAGE	353	27	10	69	116	29	0	3	0	0	53	0	1
	TOTAL	477	38	14	107	163	33	6	3	3	4	71	0	1
SUGAR CREEK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	4	1	1	0	2	2	1	0	0	3	0	0
	DAMAGE	45	9	1	7	9	6	0	0	0	0	12	0	0
	TOTAL	56	13	2	8	9	8	2	1	0	0	15	0	0
SULLIVAN	FATAL	2	0	1	1	0	0	0	0	0	1	0	0	0
	INJURY	16	3	0	2	5	1	1	0	0	1	2	0	1
	DAMAGE	115	10	1	25	43	14	0	0	0	0	12	0	0
	TOTAL	133	13	2	28	48	15	1	0	0	2	14	0	1
WINDSOR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	1	2	3	0	0	0	0	0	0	0	0
	DAMAGE	24	1	0	2	10	2	0	0	0	0	5	0	0
	TOTAL	31	1	1	4	13	2	0	0	0	0	5	0	0

¹ All traffic crash activity occurring in cities having jurisdictional boundaries in more than one county is presented in this data display. The total crash activity for each multi-county city is presented in this display.

TABLE 4.0.2

GLOSSARY

BICYCLE INVOLVED TRAFFIC CRASH: Any crash in which one or more bicycles were directly involved in the incident.

COMMERCIAL MOTOR VEHICLE INVOLVED TRAFFIC CRASH: Any crash in which one or more commercial motor vehicles were directly involved in the incident. Commercial motor vehicles include trucks having 6 or more tires on the power unit, buses or school buses having occupant capacities of 16 or more, and vehicles displaying hazardous material placards.

CONSTRUCTION / OTHER WORK ZONE INVOLVED TRAFFIC CRASH: Any crash in which one or more of the traffic controls directly associated with the incident was a construction or other work zone.

DEATH RATE: The number of deaths resulting from traffic crashes per 100 million miles of travel which occurred in the State annually. The formula is:

$$\frac{\text{Annual deaths} \times 100,000,000}{\text{Annual Vehicle Miles of Travel}}$$

DRINKING INVOLVED TRAFFIC CRASH: Any crash in which one or more drivers or pedestrians were drinking and, in the opinion of the investigating officer, their intoxicated condition contributed to the cause of the crash. There are strong indications that investigating officers under-report drinking involvement as a contributing factor in traffic crashes. As a result, this under-reporting should be taken into consideration when reviewing drinking involved data presented in this Compendium.

FATAL TRAFFIC CRASH: A crash in which one or more persons were killed as a result of the crash and their death(s) occurred within 30 days of the incident. From 1979 - 1987, a crash would be classified as a fatal if their death(s) occurred within 90 days of the incident.

FIXED OBJECT TRAFFIC CRASH: Any traffic crash whose first harmful event involved a motor vehicle striking a fixed object. Crashes where a motor vehicle struck a fixed object as a result of a secondary event in a crash are **not** included in this definition of terms.

HAZARDOUS MATERIAL INVOLVED TRAFFIC CRASH: Any crash in which one or more vehicles involved in the incident were carrying hazardous materials.

INJURY RATE: The number of deaths and injuries resulting from traffic crashes per 100 million miles of travel which occurred in the State annually. The formula is:

$$\frac{\text{Annual deaths and injuries} \times 100,000,000}{\text{Annual Vehicle Miles of Travel}}$$

MOTORCYCLE INVOLVED TRAFFIC CRASH: Any crash in which one or more motorcycles were involved in the incident. Mopeds and all terrain vehicles (ATV's) are **not** considered motorcycles under this definition of terms.

OLDER DRIVER INVOLVED TRAFFIC CRASH: Any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were 55 years of age or older.

PEDESTRIAN INVOLVED TRAFFIC CRASH: Any crash in which one or more pedestrians were directly involved in the crash.

PERSONAL INJURY TRAFFIC CRASH: Any crash in which no person was killed but one or more persons were injured in the incident.

PROPERTY DAMAGE TRAFFIC CRASH: Any crash in which no person was killed or injured but property was damaged in the incident.

QUARTILE: The value that marks the boundary between two consecutive intervals in a frequency distribution of four intervals with each containing one quarter of the total population.

RATE OF CHANGE: The formula is:

$$\frac{\text{Value in Current Period} - \text{Value in Base Period}}{\text{Value in Base Period}} \times 100$$

RURAL AREA: Any community of less than 5,000 population or an unincorporated area of the State.

SCHOOL BUS INVOLVED TRAFFIC CRASH: Any crash in which one or more school buses were directly involved in the incident or where a school bus signal was associated with the traffic crash.

SPEED INVOLVED TRAFFIC CRASH: Any crash in which one or more drivers of motorized vehicles were exceeding the speed limit or driving too fast for conditions and, in the opinion of the investigating law enforcement officer, the driver error contributed to the cause of the crash.

URBAN AREA: Any community in the State having a population of 5,000 or more.

YOUNG DRIVER INVOLVED TRAFFIC CRASH: Any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were under the age of 21.